

English Version

INIS Thesaurus

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IAEA

International Atomic Energy Agency

INIS THESAURUS

English

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FOREWORD

This issue of the INIS Thesaurus includes all updates up to the end of July 2019. It contains a total of 31 343 descriptors, of which 22 472 are valid descriptors and 8871 are forbidden terms.

The INIS Thesaurus contains the controlled terminology for indexing all information within the wider subject scopes of the International Nuclear Information System (INIS). The International Nuclear Information System (INIS) hosts one of the world's largest collections of published information on the peaceful uses of nuclear science and technology. It offers online access to a unique collection of non-conventional literature. INIS is operated by the IAEA in collaboration with over 150 members. The terminology is intended for use in subject descriptions for input or retrieval of information in INIS, as well as in other suitable systems.

The terminology in this thesaurus has its origin in the 1969 edition of the EURATOM Thesaurus. The structure subsequently given to that terminology was the result of a systematic study performed by subject specialists at the INIS Secretariat and several Member States. Further expansion of the Thesaurus terminology was done in cooperation with the Energy Technology Data Exchange (ETDE), to incorporate wider vocabulary on all forms of energy.

ETDE was a multilateral information exchange agreement which existed from 1987 to June 2014 under the auspices of the International Energy Agency (IEA). ETDE's mandate was to exchange a wide scope of energy science and technology information among its partners, building its primary database, the ETDE World Energy Base (ETDEWEB).

The INIS Thesaurus is the result of continued editing performed as an international collaborative effort by a team of experts, with the support and cooperation of the Office of Scientific and Technical Information, U.S. Department of Energy.

Any suggestions for improvements to the present document are welcome. Comments should be sent to INIS at the following address:

INIS

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PREFACE

“A thesaurus is a terminological control device used in translating from the natural language of documents, indexers or users into a more constrained ‘system language’ (document language, information language)”. It is also “a controlled and dynamic vocabulary of semantically and generically related terms which covers a specific domain of knowledge”. The INIS Thesaurus fits this definition adopted by UNESCO.¹

The domain of knowledge covered by the INIS Thesaurus includes physics (in particular, plasma physics, atomic and molecular physics, and especially nuclear and high-energy physics), chemistry, materials science, earth sciences, radiation biology, radioisotope effects and kinetics, applied life sciences, radiology and nuclear medicine, isotope and radiation source technology, radiation protection, radiation applications, engineering, instrumentation, fossil fuels, synthetic fuels, renewable energy sources, advanced energy systems, fission and fusion reactor technology, safeguards and inspection, waste management, environmental aspects of the production and consumption of energy from nuclear and non-nuclear sources, energy efficiency and energy conservation, economics and sociology of energy production and use, energy policy, and nuclear law.

The terms in the INIS Thesaurus are listed alphabetically. For each alphabetical entry, a “word block”, containing the terms associated with this particular entry, is displayed. In the word block, terms that have a hierarchical relationship to the entry are identified by the symbols **BT** for *Broader Term*, and **NT** for *Narrower Term*; terms with an affinitive relationship are identified by **RT**, for *Related Term*; terms with a preferential relationship are identified by **USE** or **SEE**, and **UF** for *Used For*, and **SF** for *Seen For*. In case of multiple **USE** relationships for a forbidden term, **all** listed descriptors should be used to index or search a given concept. In case of multiple **SEE** relationships, **one or more** of the listed descriptors should be considered for indexing or searching this concept.

A non-descriptor may refer to a descriptor that has *Narrower Terms*. Users of the INIS Thesaurus should always refer to the word block of that descriptor, to ensure that the most specific term is chosen. For all terms, only one level of *Broader Terms* is shown. If terms have additional levels of broader terms, e.g. **BT2**, **BT3**, etc., this is indicated by an asterisk, e.g. ***BT1**. Up to ten levels of *Narrower Terms* are shown for all terms. If terms have additional levels of narrower terms, such as **NT11**, **NT12**, etc., this is indicated by an asterisk, e.g. ***NT10**.

The dates printed after each descriptor indicate when the term was introduced for use in the INIS database or in ETDEWEB. If only one date is given, the descriptor was introduced in both databases at the same time. If the descriptor is **not** followed by a date, it already existed in the Thesaurus **before 30 June 1975**.

¹ SC/WS/555: Guidelines for the Establishment and Development of Monolingual Thesauri: United Nations Educational, Scientific and Cultural Organization, Paris, September 1973.

When searching for entries in the alphabetic listing, users should take note of the following Unicode collation algorithm (sort order):

	space
!	exclamation mark
"	quotation mark
#	number sign
\$	dollar sign
%	percent sign
&	ampersand
'	apostrophe
(	left parenthesis
)	right parenthesis
*	asterisk
+	plus sign
,	comma
-	hyphen-minus
.	period
/	solidus
Arabic numerals 0-9	
Roman alphabet A-Z	

Numbers, which include single and multiple digits, are sorted by the initial digit first, e.g. the isotopes BORON 10 and BORON 19 appear before BORON 7 and BORON 9. In the same way, RUTHENIUM 100 appears before RUTHENIUM 88.

All terms, in which the first character is a number, appear before the letter A.

Additions and changes to the vocabulary of controlled terminology in the current Thesaurus are summarized in monthly updates. They are available from the INIS website (www.iaea.org/inis). These updates include the first-level broader and narrower terms, related terms, scope notes for the new descriptors, and the descriptor(s) to be used for each new forbidden term.

DICTIONARY

1,1-diethoxyethane

USE acetal

1,2,3-propanetriol

USE glycerol

1,2,3-trihydroxybenzene

USE pyrogallol

1,2,4,5-tetramethylbenzene

USE durene

1,2-dihydroxyanthraquinone

USE alizarin

1,2-dihydroxybenzene

USE pyrocatechol

1,2-dimethoxyethane

USE dme

1,2-diphenylethane

USE bibenzyl

1,2-diphenylethylene

USE stilbene

1,2-ethanedial

USE glyoxal

1,2-ethanediol

USE glycols

1,2-ethanedithiol

USE dithiols

1,3,5-triamino-2,4,6-trinitrobenzene

INIS: 2000-04-12; ETDE: 1975-08-19

USE tatb

1,3,5-trimethylbenzene

USE mesitylene

1,3,7-trimethylxanthine

USE caffeine

1,3-diazines

USE pyrimidines

1,3-dihydroxybenzene

USE resorcinol

1,3-dimethylxanthine

USE theophylline

1,4-diaminobutane

USE putrescine

1,4-diazines

USE pyrazines

1,4-dihydroxyanthraquinone

USE quinizarin

1,4-dioxane

USE dioxane

1,5-diaminopentane

USE cadaverine

1/v law

INIS: 1975-09-26; ETDE: 1975-10-28

USE reciprocal v law

1-dimensional calculations

USE one-dimensional calculations

1-NITROSO-2-NAPHTHOL

UF *alpha*-nitroso-beta-naphthol

UF *anbn*

*BT1 naphthols

*BT1 nitroso compounds

BT1 reagents

1-propanol

USE propanols

2,2-dimethylpropane

USE 2-2-dimethylpropane

2,2-dithiobisethylamine

INIS: 1984-05-24; ETDE: 2002-06-06

USE cystamine

2,3,4,7-dibenzoanthracene

INIS: 2000-04-12; ETDE: 1985-09-23

USE pentacene

2,4-pentanedione

USE acetylacetone

2,5-diaminovaleric acid

USE ornithine

2-2-DIMETHYLPROPANE

UF 2,2-dimethylpropane

UF dimethylpropane (2,2-)

UF neopentane

*BT1 alkanes

2-3-PENTANEDIONE

UF *acetyl propionyl*

UF *methyl ethyl diketone*

UF *pentanedione (2,3)*

*BT1 ketones

2-chloro-1,3-butadiene

USE neoprene

2-dimensional calculations

USE two-dimensional calculations

2-furalaldehyde

USE furfural

2-mercaptopropionylglycine

INIS: 1981-12-23; ETDE: 1982-02-09

USE mpg

2-methylbutadiene

USE isoprene

2-METHYLBUTANE

INIS: 1983-09-06; ETDE: 1979-09-26

UF isopentane

UF methylbutane (2-)

*BT1 alkanes

2-METHYLPROPANE

UF isobutane

UF methylpropane (2-)

*BT1 alkanes

2-METHYLPROPANOL

UF isobutyl alcohol

UF methylpropanol (2-)

*BT1 alcohols

2-METHYLPROPENE

UF isobutylene

UF methylpropene (2-)

*BT1 alkenes

2-methylquinoline

USE quinaldine

2-nitroimidazole

INIS: 2000-04-12; ETDE: 1981-01-27

USE misonidazole

2-propanol

USE propanols

2-pyridinecarboxylic acid

USE picolinic acid

2-pyrrolidinecarboxylic acid

USE proline

2X DEVICES

*BT1 magnetic mirrors

3,4-dihydroxyphenylalanine

USE dopa

3,7-dimethylxanthine

USE theobromine

3-dimensional calculations

USE three-dimensional calculations

3-METHYLCHOLANTHRENE

INIS: 1982-02-09; ETDE: 1979-07-18

*BT1 polycyclic aromatic hydrocarbons

RT combustion products

3j-symbols

USE clebsch-gordan coefficients

4-dimensional calculations

USE four-dimensional calculations

5-amino-2,3-dihydro-1,4-phthalazine-dione

INIS: 2000-04-12; ETDE: 1982-01-21

USE luminol

5-methyl uracil

ETDE: 2002-06-06

USE thymine

5-methyluracil

2000-04-12

USE thymine

5U PELLETRON ACCELERATOR

INIS: 1980-02-26; ETDE: 1980-03-29

*BT1 pelletron accelerators

6-aminopurine

USE adenines

6-carboxyuracil

USE orotic acid

6-furfurylaminopurine

USE kinetin

6j-symbols

USE racah coefficients

710 reactor

2000-04-12

(Prior to May 1993, this was a valid ETDE descriptor.)

SEE enriched uranium reactors

SEE fast reactors

SEE gas cooled reactors

SEE mobile reactors

SEE propulsion reactors

8-hydroxyquinoline

1980-07-24

USE oxine

8-hydroxyxanthine

USE uric acid

8-quinolinol

INIS: 2000-04-12; ETDE: 1985-08-22

USE oxine

9j-symbols

USE wigner coefficients

a-1 reactor (bohunice)

USE bohunice a-1 reactor

a-1 reactor (calder hall)

USE calder hall a-1 reactor

a-15 compounds

INIS: 2000-04-12; ETDE: 1979-05-02

USE beta-w structures

a-2 reactor (bohunice)

USE bohunice a-2 reactor

a-2 reactor (calder hall)

USE calder hall a-2 reactor

a 285 steel

INIS: 2000-04-12; ETDE: 1978-12-20

USE steel-astm-a285

A-BOMB SURVIVORS

*BT1 human populations
RT delayed radiation effects
RT epidemiology
RT hiroshima
RT little boy
RT nagasaki

A CENTERS

1982-08-27

*BT1 color centers

A CODES

BT1 computer codes

a resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE mesons

A0-980 MESONS

INIS: 1987-12-21; ETDE: 1988-01-25

(Prior to December 1987 this concept was indexed by DELTA-966 RESONANCES.)

UF delta-966 resonances

*BT1 scalar mesons

a1-1070 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE a1-1260 mesons

A1-1260 MESONS

1995-08-07

(Until December 1987 this concept was indexed by A1-1070 RESONANCES; from then until July 1995 it was indexed by A1-1270 MESONS.)

UF a1-1070 resonances

UF a1-1270 mesons

*BT1 axial vector mesons

a1-1270 mesons

INIS: 1995-08-07; ETDE: 1988-01-29

(From December 1987 until July 1995 this was a valid term.)

USE a1-1260 mesons

a2-1310 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE a2-1320 mesons

A2-1320 MESONS

INIS: 1987-12-21; ETDE: 1988-01-29

(Prior to December 1987 this concept was indexed by A2-1310 RESONANCES.)

UF a2-1310 resonances

*BT1 tensor mesons

a2h-1320 resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE mesons

a2l-1280 resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE mesons

a3 resonances

2000-04-12

USE pi2-1670 mesons

a4-1960 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE a4-2040 mesons

A4-2040 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by A4-1960 RESONANCES.)

UF a4-1960 resonances

*BT1 tensor mesons

A6-2450 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

*BT1 tensor mesons

AABO CYCLOTRON

UF turku cyclotron

*BT1 isochronous cyclotrons

aaec

INIS: 1996-01-30; ETDE: 1978-04-28

Australian Atomic Energy Commission. The AAEC was abolished on 27 April 1987 and replaced by ANSTO.

(Until January 1996 this was a valid descriptor.)

USE ansto

aaf

INIS: 2000-04-12; ETDE: 1985-09-23

USE acetylaminofluorenes

AAPS

INIS: 2000-04-12; ETDE: 1979-05-02

UF advanced automotive propulsion systems

RT automotive industry

RT electric-powered vehicles

RT gas turbine engines

RT internal combustion engines

RT stirling engines

AARR REACTOR

2000-04-12

ANL, Argonne, Illinois, USA.

UF argonne tank research and test reactor-aarr

*BT1 research reactors

*BT1 tank type reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

ABACC

1999-06-22

Agencia Brasileiro-Argentina de Contabilidade e Controle de Materiais Nucleares.

UF agencia brasil-argentina contabil controle mater nuclear

UF argentina-brasil agencia contabil controle mater nuclear

UF brasil-argentina agencia contabil controle mater nuclear

UF nuclear mater, agencia brasil-argentina contabil controle

BT1 international organizations

RT safeguards

ABANDONED SHAFTS

INIS: 1991-12-18; ETDE: 1977-12-22

UF disused mineshafts

*BT1 mine shafts

RT coal mines

RT mines

ABANDONED SITES

INIS: 1980-12-01; ETDE: 1978-10-23

RT brownfield sites

RT land reclamation

RT remedial action

ABANDONED WELLS

INIS: 1992-03-05; ETDE: 1977-08-24

An oil or gas well that has been abandoned because its yield has fallen below that necessary for profitable production.

BT1 wells

RT natural gas wells

RT oil wells

abashian-booth-crowe effect

INIS: 1977-09-15; ETDE: 1977-11-09

USE abc effect

ABC EFFECT

INIS: 1977-09-15; ETDE: 1977-11-10

UF abashian-booth-crowe effect

RT interactions

RT missing-mass spectra

RT pions

ABDOMEN

1999-04-06

BT1 body

RT diaphragm

RT gastrointestinal tract

RT liver

RT peritoneum

RT spleen

ABELIAN ANYONS

2013-08-26

*BT1 anyons

aberdeen maryland reactor

1999-03-05

USE aprf reactor

aberration yield

USE mutation frequency

ABFST EQUATION

Amati-Bertocchi-Fabini-Strangellini-Tonin Equation.

- BT1 equations
- RT multiperipheral model
- RT regge poles
- RT scattering amplitudes

abies

INIS: 2000-04-12; ETDE: 1985-12-11
USE firs

ABIOGENIC GAS

INIS: 2000-04-12; ETDE: 1982-05-12
Methane deposits at great depths within the earth due to nonbiogenic processes.
*BT1 natural gas

ABLATION

For the medical concept use SURGERY or RADIOTHERAPY.

- RT erosion
- RT heat transfer
- RT reentry
- RT refractories
- RT sublimation heat

abmr method

2002-11-14
USE atomic beams
USE magnetic resonance

abnormalities (chromosomal)

- USE chromosomal aberrations

abnormalities (developmental)

- USE malformations

ABORTION

- RT pregnancy
- RT reproductive disorders

abragam model

- USE abragam-pound theory

ABRAGAM-POUND THEORY

- UF abragam model
- RT angular correlation
- RT angular distribution

ABRASION

- RT abrasives
- RT erosion
- RT wear

ABRASIVES

(From April 1975 till March 1997 PUMICE was a valid ETDE descriptor.)

- SF pumice
- RT abrasion

ABRIKOSOV THEORY

- RT magnetic properties
- RT superconductivity
- RT superconductors
- RT vortex theory

abs (alkyl benzenesulfonates)

ETDE: 2005-01-28
(Prior to January 2005 ABS was a valid descriptor.)
USE alkyl benzenesulfonates

ABSCESSES

- BT1 pathological changes

ABSCISIC ACID

INIS: 2000-04-12; ETDE: 1985-05-07
A plant hormone that promotes abscission and plant dormancy.
*BT1 monocarboxylic acids
BT1 plant growth regulators
RT auxins

- RT hormones

ABSCOPAL RADIATION EFFECTS

- *BT1 biological radiation effects
- RT local irradiation
- RT partial body irradiation
- RT radiotoxins

ABSOLUTE COUNTING

- BT1 counting techniques
- RT calibration

ABSOLUTE INSTABILITIES

A class of plasma instabilities growing exponentially with time at any point in space; opposite to CONVECTIVE INSTABILITIES.

- *BT1 plasma instability
- RT briggs criterion
- RT convective instabilities

absolute liability

INIS: 1990-12-15; ETDE: 2002-06-06
(Prior to December 1990, this was a valid descriptor.)
USE liabilities

absolute zero temperature

1992-09-30
(Prior to February 1992 this was a valid ETDE descriptor.)
USE temperature zero k

ABSORBED DOSE RANGE

2012-05-30
BT1 radiation dose ranges
NT1 giga gy range
NT1 gy range
NT2 gy range 01-10
NT2 gy range 10-100
NT2 gy range 100-1000
NT1 kilo gy range
NT1 mega gy range
NT1 micro gy range
NT2 micro gy range 01-10
NT2 micro gy range 10-100
NT2 micro gy range 100-1000
NT1 milli gy range
NT2 milli gy range 01-10
NT2 milli gy range 10-100
NT2 milli gy range 100-1000
NT1 nano gy range
RT absorbed radiation doses

absorbed doses

- SEE absorbed radiation doses

absorbed fraction (internal irradiation)

- USE internal irradiation
- USE spatial dose distributions

ABSORBED RADIATION DOSES

2012-05-30
SF absorbed doses
*BT1 radiation doses
RT absorbed dose range

ABSORBENTS

2006-02-06
RT absorption
RT sorptive properties

ABSORBER PELLETS

2003-10-21
BT1 neutron absorbers
BT1 pellets

absorbers (solar)

INIS: 2000-04-12; ETDE: 1977-10-19
USE solar absorbers

ABSORPTION

1999-03-19
UF stopping (particle absorption)
BT1 sorption
NT1 energy absorption
NT1 intestinal absorption
NT1 k absorption
NT1 polar-cap absorption
NT1 resonance absorption
NT1 root absorption
NT1 self-absorption
NT1 skin absorption
RT absorbents
RT absorption refrigeration cycle
RT absorption spectra
RT absorption spectroscopy
RT absorptivity
RT assimilation
RT half-thickness
RT heterogeneous effects
RT point kernels
RT radiations
RT range
RT self-shielding
RT shielding
RT sinks
RT slowing-down
RT stopping power
RT transmission

absorption (intestinal)

- USE intestinal absorption

absorption (leaves)

INIS: 1980-12-01; ETDE: 1981-01-09
USE foliar uptake

absorption (root)

INIS: 1980-12-01; ETDE: 1981-01-09
USE root absorption

absorption (skin)

- USE skin absorption

ABSORPTION HEAT

- UF heat of absorption
- *BT1 enthalpy
- *BT1 heat
- RT wetting heat

absorption model

2000-04-12
USE linear absorption models

absorption models (linear)

INIS: 1976-02-11; ETDE: 2002-06-06
USE linear absorption models

ABSORPTION REFRIGERATION CYCLE

INIS: 1992-04-16; ETDE: 1978-05-03
BT1 thermodynamic cycles
RT absorption
RT air conditioners
RT cooling systems
RT refrigerating machinery
RT refrigeration
RT refrigerators

ABSORPTION SPECTRA

- UF spectra (absorption)
- BT1 spectra
- RT absorption
- RT absorption spectroscopy
- RT optical depth curve
- RT spectroscopic curve of growth

ABSORPTION SPECTROSCOPY

- UF atomic absorption spectroscopy
- UF colorimetry
- SF spectrochemistry

BT1 spectroscopy
 RT absorption
 RT absorption spectra
 RT double resonance methods
 RT extreme ultraviolet spectra
 RT infrared spectra
 RT laser spectroscopy
 RT photoacoustic spectrometers
 RT structural chemical analysis
 RT ultraviolet spectra

ABSORPTIVITY

INIS: 1998-10-23; ETDE: 1975-09-30

Ratio of energy absorbed to energy incident upon a surface.

BT1 physical properties
 BT1 surface properties
 RT absorption
 RT optical properties
 RT spectral reflectance

absorptivity (optical)

2000-03-24

SEE opacity

ABSTRACTS

Use only for items about abstracts, not for items which are abstracts or collections of abstracts.

NT1 leading abstract
 RT document types

abu dhabi

INIS: 1992-05-07; ETDE: 1976-08-05

USE united arab emirates

ABUNDANCE

1992-03-09

SF concentration
 SF concentration (analytical)
 SF concentration dependence
 NT1 element abundance
 RT chemical composition
 RT concentration ratio
 RT isotope ratio
 RT ore composition

abundance (chemical)

ETDE: 2002-06-06

USE chemical composition

abundance (element)

ETDE: 2002-06-06

USE element abundance

abundance (isotopic)

ETDE: 2002-06-06

USE isotope ratio

abundance (mineral)

ETDE: 2002-06-06

USE ore composition

AC AMPLIFIERS

*BT1 amplifiers

AC LOSSES

1982-11-29

*BT1 energy losses
 RT superconductivity

AC SYSTEMS

INIS: 1991-12-17; ETDE: 1976-05-17

UF alternating current systems

*BT1 power systems
 NT1 ehv ac systems
 NT1 hvac systems
 NT1 uhv ac systems

ac to dc converters

2006-05-12

USE rectifiers

ACCELERATION

UF deceleration
 NT1 plasma acceleration
 RT accelerators
 RT gravimetry
 RT velocity
 RT wakefield accelerators

ACCELERATOR BREEDERS

INIS: 1978-07-03; ETDE: 1978-01-23

Accelerators used in the production of fissionable materials.

RT accelerator-driven transmutation
 RT accelerators
 RT breeder reactors
 RT breeding
 RT fissionable materials
 RT nuclear fuels

ACCELERATOR COMPLEXES

2019-03-19

Complexes consisting of accelerators such as linacs, synchrotrons, and associated facilities.

For facilities designed for accelerator-based experiments use ACCELERATOR EXPERIMENTAL FACILITIES.

*BT1 fair accelerator complex
 NT1 elsa accelerator complex
 RT accelerator experimental facilities
 RT accelerators

accelerator-driven subcritical reactors

2016-07-11

USE accelerator-driven subcritical systems

ACCELERATOR-DRIVEN SUBCRITICAL SYSTEMS

2016-07-11

UF accelerator-driven subcritical reactors
 UF adsr
 *BT1 subcritical assemblies
 NT1 accelerator-driven transmutation facilities
 NT1 brahma facility
 NT1 myrrha facility
 NT1 venus reactor
 NT1 yalina facility
 RT accelerators

accelerator driven transmutation

2016-07-11

(Prior to July 2016 this was a valid descriptor.)

USE accelerator-driven transmutation

ACCELERATOR-DRIVEN TRANSMUTATION

2016-07-11

(Prior to July 2016 this term was spelled ACCELERATOR DRIVEN TRANSMUTATION.)

UF accelerator driven transmutation
 UF accelerator driven transmutation technologies
 UF adtt
 BT1 transmutation
 RT accelerator breeders
 RT accelerator-driven transmutation facilities
 RT accelerators
 RT radioactive waste processing

ACCELERATOR-DRIVEN TRANSMUTATION FACILITIES

2016-07-11

*BT1 accelerator-driven subcritical systems
 RT accelerator-driven transmutation

accelerator driven transmutation technologies

2000-03-14

USE accelerator-driven transmutation

ACCELERATOR EXPERIMENTAL FACILITIES

2018-06-11

Facilities designed for accelerator-based experiments. For complexes consisting of accelerators such as linacs, synchrotrons and other associated facilities use ACCELERATOR COMPLEXES.

(Prior to June 2018 ACCELERATOR FACILITIES was used for this concept.)

UF accelerator facilities
 UF j-parc hadron experimental facility
 UF j-parc materials and life science experimental facility
 UF j-parc mlf
 UF j-parc neutrino experimental facility
 UF j-parc tef
 UF j-parc transmutation experimental facility
 NT1 beam dumps
 NT1 target chambers
 RT accelerator complexes
 RT accelerators
 RT advanced light source
 RT advanced photon source
 RT reaction product transport systems

accelerator facilities

1995-05-10

USE accelerator experimental facilities

ACCELERATOR NEUTRON SOURCE FACILITIES

2016-06-09

BT1 neutron source facilities
 NT1 ipns-i synchrotron
 NT1 iren facility
 NT1 spallation neutron source facilities
 NT2 china spallation neutron source
 NT2 european spallation source
 NT2 isis spallation neutron source
 NT2 kipt neutron source facility
 NT2 oak ridge spallation neutron source
 NT2 swiss spallation neutron source

accelerator pulsed fast assembly

1993-11-03

USE apfa-3 reactor

ACCELERATORS

NT1 coherent accelerators
 NT1 collective accelerators
 NT2 electron-ring accelerators
 NT2 ionization front accelerators
 NT2 plasma betatrons
 NT1 cyclic accelerators
 NT2 betatrons
 NT2 bevalac
 NT2 cyclotrons
 NT3 cracow u-120 cyclotron
 NT3 isochronous cyclotrons
 NT4 aabo cyclotron
 NT4 alice cyclotron
 NT4 brookhaven cyclotron
 NT4 cracow aic-144 cyclotron
 NT4 cml superconducting cyclotron
 NT4 cyclone cyclotron
 NT4 debrecen cyclotron
 NT4 eindhoven cyclotron
 NT4 ganil cyclotron
 NT4 grenoble cyclotron
 NT4 haizy cyclotron
 NT4 hirfl cyclotron
 NT4 inr cyclotron
 NT4 ipcr cyclotron

NT4 iu cyclotron
NT4 jinr cyclotrons
NT5 jinr dc-110 cyclotron
NT5 jinr u-400 cyclotron
NT5 jinr u-400m cyclotron
NT4 julic cyclotron
NT4 karlsruhe cyclotron
NT4 kazakhstan cyclotron
NT4 kiev cyclotron
NT4 kvi cyclotron
NT4 milan superconducting cyclotron
NT4 msu cyclotrons
NT4 munich compact cyclotron
NT4 munich suse cyclotron
NT4 nac cyclotron
NT4 nirs cyclotron
NT4 nrl cyclotron
NT4 orn1 isochronous cyclotron
NT4 orsay cyclotron
NT4 oslo cyclotron
NT4 princeton cyclotron
NT4 rcnp cyclotron
NT4 sara cyclotron
NT4 sin cyclotron
NT4 texas a and m cyclotron
NT4 texas superconducting cyclotron
NT4 tohoku cyclotron
NT4 tokyo ins cyclotron
NT4 triumph cyclotron
NT4 uclrl cyclotrons
NT5 lbl 88-inch cyclotron
NT4 warsaw cyclotron
NT3 microtrons
NT4 racetrack microtrons
NT3 nbi cyclotron
NT3 separated orbit cyclotrons
NT3 superconducting cyclotrons
NT4 milan superconducting cyclotron
NT4 texas superconducting cyclotron
NT3 variable energy cyclotrons
NT4 calcutta cyclotron
NT4 chandigarh cyclotron
NT2 fair accelerator complex
NT3 accelerator complexes
NT4 elsa accelerator complex
NT2 nica collider
NT2 synchrocyclotrons
NT3 berkeley synchrocyclotron
NT3 cern synchrocyclotron
NT3 harvard synchrocyclotron
NT3 harwell synchrocyclotron
NT3 iko synchrocyclotron
NT3 jinr phasotron
NT3 leningrad synchrocyclotron
NT3 mcgill synchrocyclotron
NT3 orsay synchrocyclotron
NT3 uppsala synchrocyclotron
NT2 synchrotrons
NT3 bevatron
NT3 bonn synchrotron
NT3 brookhaven ags
NT3 cambridge electron accelerator
NT3 cern lhc
NT3 cern ps synchrotron
NT3 cern sps synchrotron
NT3 cornell 10-gev synchrotron
NT3 cosmotron
NT3 cosy storage ring
NT3 desy
NT3 erivan synchrotron
NT3 escar storage ring
NT3 fermilab accelerator
NT3 fermilab tevatron
NT3 fian synchrotron
NT3 Frascati synchrotron
NT3 himac accelerator
NT3 itep synchrotron

NT3 j-parc synchrotrons
NT3 jefferson lab meic
NT3 jinr nuclotron
NT3 kek synchrotron
NT3 lampf ii synchrotron
NT3 lep storage rings
NT3 lusi
NT3 mura synchrotron
NT3 nimrod
NT3 nina
NT3 pakhra synchrotron
NT3 princeton synchrotron
NT3 saturne
NT3 saturne ii
NT3 serpukhov synchrotron
NT3 serpukhov tevatron
NT3 sesame storage ring
NT3 sis synchrotron
NT3 superconducting super collider
NT3 tokyo synchrotron
NT3 tomsk synchrotron
NT3 zgs
NT1 electrostatic accelerators
NT2 cockcroft-walton accelerators
NT2 dynamitrons
NT2 pelletron accelerators
NT3 Su pelletron accelerator
NT2 tandem electrostatic accelerators
NT3 antares tandem accelerator
NT3 crnl mp tandem accelerator
NT3 jaeri tandem accelerator
NT3 orsay tandem accelerator
NT3 vivitron tandem accelerator
NT2 van de graaff accelerators
NT3 crnl mp tandem accelerator
NT3 jaeri tandem accelerator
NT3 orsay tandem accelerator
NT3 vivitron tandem accelerator
NT1 heavy ion accelerators
NT2 brookhaven rhic
NT2 calcutta cyclotron
NT2 cracow u-120 cyclotron
NT2 crnl superconducting cyclotron
NT2 cyclone cyclotron
NT2 ganil cyclotron
NT2 hhif accelerator
NT2 hilacs
NT3 atlas superconducting linac
NT3 superhilac
NT2 himac accelerator
NT2 hirfl cyclotron
NT2 ipcr cyclotron
NT2 jinr dc-110 cyclotron
NT2 jinr u-400 cyclotron
NT2 jinr u-400m cyclotron
NT2 kvi cyclotron
NT2 milan superconducting cyclotron
NT2 munich suse cyclotron
NT2 nac cyclotron
NT2 nica collider
NT2 numatron accelerator
NT2 rcnp cyclotron
NT2 rilac
NT2 sis synchrotron
NT2 texas superconducting cyclotron
NT2 tohoku cyclotron
NT2 tokyo ins cyclotron
NT2 unilac
NT2 vicksi accelerator
NT2 warsaw cyclotron
NT1 linac-ring accelerators
NT2 brookhaven erhic
NT2 cern lhec
NT1 linear accelerators
NT2 anu superconducting linac
NT2 beat wave accelerators
NT2 beijing electron-positron collider
NT2 beijing proton linac
NT2 brookhaven 200-mev linac

NT2 cebaf accelerator
NT2 cern linac
NT2 elsa linacs
NT2 fair accelerator complex
NT3 accelerator complexes
NT4 elsa accelerator complex
NT2 fmit linac
NT2 Frascati linac
NT2 hilacs
NT3 atlas superconducting linac
NT3 superhilac
NT2 j-parc linac
NT2 jaeri linac
NT2 kek linac
NT2 kharkov linac
NT2 lampf linac
NT2 linear colliders
NT3 compact linear collider
NT3 international linear collider
NT3 stanford linear collider
NT3 tesla linear collider
NT2 llnl advanced test accelerator
NT2 lue-200 accelerator
NT2 mea linac
NT2 mit bates linac
NT2 nrl linac
NT2 orela
NT2 orsay linac
NT2 quadrupole linacs
NT2 rilac
NT2 saclay linac
NT2 stanford 1.2-gev linac
NT2 stanford 20-gev linac
NT2 swierk linac
NT2 unilac
NT2 wakefield accelerators
NT1 meson factories
NT2 lampf ii synchrotron
NT2 lampf linac
NT2 pigmi facilities
NT1 particle beam fusion accelerator
NT1 railgun accelerators
RT acceleration
RT accelerator breeders
RT accelerator complexes
RT accelerator-driven subcritical systems
RT accelerator-driven transmutation
RT accelerator experimental facilities
RT beam dumps
RT beam dynamics
RT beam separators
RT elsa accelerator complex
RT impact fusion drivers
RT isotope production
RT particle boosters
RT storage rings
RT target chambers
RT vacuum systems

ACCELEROMETERS

BT1 measuring instruments
RT velocimeters

acceptance (beam)

USE beam acceptance

access denial systems

INIS: 1986-07-09; ETDE: 1984-08-20

USE entry control systems

ACCIDENT INSURANCE

INIS: 1976-12-08; ETDE: 1990-10-03

BT1 insurance
RT accidents

ACCIDENT MANAGEMENT

2008-12-23

Coordinate with descriptors for the type of accident and actions taken to manage it.

BT1 management

RT accidents
RT emergency plans
RT first aid
RT liabilities
RT safety
RT victims compensation
RT workmens compensation

ACCIDENT-TOLERANT NUCLEAR FUELS

2016-03-10

*BT1 nuclear fuels
RT cladding
RT reactor accidents
RT reactor safety

accidental intake

USE accidents
USE single intake

accidental irradiation

USE irradiation
USE radiation accidents

ACCIDENTS

1997-06-17

UF accidental intake
UF aircraft accidents
UF emergencies
UF incidents
UF marine vehicle accidents
SF disasters
NT1 beyond-design-basis accidents

NT2 lohrrs
NT2 severe accidents

NT3 meltdown

NT4 melt-through

NT3 reactor core disruption

NT1 blowouts

NT1 chemical spills

NT1 design-basis accidents

NT1 gas spills

NT1 hazardous materials spills

NT1 hypothetical accidents

NT1 industrial accidents

NT1 motor vehicle accidents

NT1 oil spills

NT1 radiation accidents

NT1 reactor accidents

NT2 atws

NT2 excursions

NT2 fuel degradation

NT2 fuel handling accidents

NT2 loss of coolant

NT3 lbloca

NT3 sbloca

NT2 loss of core cooling

NT2 loss of flow

NT2 meltdown

NT3 melt-through

NT2 multiple steam generator tube rupture

NT2 power-cooling-mismatch accidents

NT2 reactivity-initiated accidents

NT3 rod drop accidents

NT3 rod ejection accidents

NT2 reactor core disruption

NT2 station blackout

NT2 steam generator tube rupture

NT2 steam line break accidents

NT2 total loss of feedwater

NT2 transient overpower accidents

NT2 uncontrolled boron dilution

RT accident insurance

RT accident management

RT aerial monitoring

RT environment

RT evacuation

RT explosions

RT failures

RT fallout
RT fires
RT first aid
RT fission products
RT hazards
RT human factors
RT human factors engineering
RT industrial medicine
RT injuries
RT liabilities
RT mine rescue
RT nuclear damage
RT outages
RT population relocation
RT preventive medicine
RT public anxiety
RT radiation protection
RT radioactive clouds
RT reactor safety
RT safety
RT single intake
RT site selection
RT victims compensation
RT workmens compensation

acclimation

INIS: 1990-12-05; ETDE: 1975-10-28

(Prior to December 1990, this was a valid descriptor.)

USE biological adaptation

accountability

INIS: 2000-04-12; ETDE: 1983-03-23

(Prior to April 1992 this was a valid ETDE descriptor.)

SEE liabilities

SEE nuclear materials management

SEE personnel management

accountability (legal)

INIS: 2000-04-12; ETDE: 1992-04-01

(Prior to April 1992 ACCOUNTABILITY was used for this concept in ETDE.)

USE liabilities

accountability (nuclear materials)

INIS: 2000-04-12; ETDE: 1992-04-01

(Prior to April 1992 ACCOUNTABILITY was used for this concept in ETDE.)

USE nuclear materials management

accountability (personnel)

INIS: 2000-04-12; ETDE: 1992-04-01

(Prior to April 1992 ACCOUNTABILITY was used for this concept in ETDE.)

USE personnel management

ACCOUNTING

1999-01-20

UF bookkeeping

NT1 energy accounting

RT afudc

RT amortization

RT audits

RT cwip

RT debt collection

RT inventories

RT invoices

RT losses

RT management

RT material balance

RT material unaccounted for

RT nuclear materials management

RT procurement

RT safeguards

RT us gao

accretion (planet-system)

USE planet-system accretion

accretion (stars)

USE star accretion

ACCRETION DISKS

INIS: 1982-04-13; ETDE: 1982-05-07

Disks of matter which sometimes surround certain celestial objects, e.g. neutron stars.

UF disks (accretion)

RT black holes

RT cosmic x-ray sources

RT eruptive variable stars

RT neutron stars

RT star accretion

RT symbiotic stars

accumulation

USE buildup

accumulation (radioecological)

USE radioecological concentration

accumulators

2000-04-12

(Prior to February 1997 this was a valid ETDE descriptor.)

USE tanks

accumulators (electric batteries)

INIS: 2000-04-12; ETDE: 1997-02-21

USE electric batteries

ACCURACY

UF precision

RT calibration

RT calibration standards

RT data covariances

RT errors

RT inspection

RT reliability

RT resolution

RT sensitivity

RT signal-to-noise ratio

RT specificity

RT tolerance

ACENAPHTHENE

*BT1 polycyclic aromatic hydrocarbons

RT naphthalene

aces (quarks)

1975-08-11

USE quarks

ACETABULARIA

*BT1 chlorophycota

ACETAL

UF 1,1-diethoxyethane

*BT1 acetals

RT acetaldehyde

ACETALDEHYDE

UF acetic aldehyde

UF ethanal

UF ethylaldehyde

*BT1 aldehydes

RT acetal

RT chloral

ACETALS

*BT1 ethers

NT1 acetal

RT polyacetals

ACETAMIDE

1996-10-23

*BT1 amides

RT acetic acid

ACETATES

BT1 carboxylic acid salts

RT acetic acid esters

ACETIC ACID

- *BT1 monocarboxylic acids
- RT acetamide
- RT acetolysis
- RT acetonitrile

ACETIC ACID ESTERS

1996-10-23

(Prior to March 1997 isopentyl acetate was a valid ETDE descriptor.)

- UF amyI acetate
- UF isoamyl acetate
- UF isopentyl acetate
- *BT1 carboxylic acid esters
- NT1 methyl acetate
- NT1 polyvinyl acetate
- NT1 vinyl acetate
- RT acetates

acetic aldehyde

- USE acetaldehyde

ACETOACETATES

- BT1 carboxylic acid salts

ACETOACETIC ACID

- UF ketobutyric acid-beta
- *BT1 keto acids

ACETOACETIC ACID ESTERS

- *BT1 carboxylic acid esters

ACETOLYSIS

- *BT1 solvolysis
- RT acetic acid

ACETONE

- UF dimethyl ketone
- UF oxopropane
- UF propanone
- *BT1 ketones

ACETONITRILE

1981-07-06

- *BT1 nitriles
- RT acetic acid

acetophenetidin

INIS: 2000-04-12; ETDE: 1981-04-20

(Prior to April 1994, this was a valid ETDE descriptor.)

- USE analgesics
- USE antipyretics

ACETOPHENONE

- UF acetylbenzene
- UF methyl phenyl ketone
- *BT1 aromatics
- *BT1 ketones

acetyl propionyl

- USE 2-3-pentanedione

ACETYL RADICALS

- *BT1 acyl radicals

ACETYLACETONE

- UF 2,4-pentanedione
- BT1 chelating agents
- *BT1 ketones
- BT1 reagents

ACETYLAMINOFLUORENES

INIS: 2000-04-12; ETDE: 1985-09-23

- UF aaf
- RT carcinogens
- RT polycyclic aromatic amines

ACETYLATION

- *BT1 acylation

acetylbenzene

- USE acetophenone

ACETYLCHOLINE

- *BT1 esters
- *BT1 neuroregulators
- *BT1 parasympathomimetics
- *BT1 quaternary ammonium compounds
- RT choline
- RT cholinesterase

ACETYLENE

- UF ethine
- UF ethyne
- *BT1 alkynes
- RT polyacetylenes

acetylenes

- USE alkynes

acetylpropionic acid-beta

- USE levulinic acid

ACETYLSALICYLIC ACID

INIS: 1976-02-05; ETDE: 1976-03-12

- UF aspirin
- *BT1 analgesics
- *BT1 antipyretics
- *BT1 hydroxy acids

achiral

INIS: 2000-04-12; ETDE: 1976-02-23

- USE racemates

ACHOLEPLASMA LAIDLAWII B

- *BT1 mycoplasma

ACHONDROTES

- *BT1 stone meteorites

ACHROMATIC LESIONS

- RT chromatin

ACID ANHYDRASES

INIS: 1986-12-03; ETDE: 1981-01-12

Code number 3.6.

- *BT1 hydrolases
- NT1 gtp-ases
- NT1 phosphohydrolases
- NT2 atp-ase

ACID CARBONATES

INIS: 1985-11-18; ETDE: 1977-07-23

(Prior to December 1985 BICARBONATES was used for this concept.)

- UF bicarbonates
- RT acid neutralizing capacity
- RT carbonates
- RT inorganic acids

acid chrome dyes

1996-10-22

(Until October 1996 this was a valid descriptor.)

- USE azo dyes
- USE naphthols
- USE sulfonic acids

ACID ELECTROLYTE FUEL CELLS

1992-05-20

- *BT1 fuel cells

acid halides

2000-04-12

(Prior to February 1995, this was a valid ETDE descriptor.)

- USE carboxylic acids
- USE halides

ACID HYDROLYSIS

INIS: 1997-06-17; ETDE: 1976-05-13

- *BT1 hydrolysis
- RT alkaline hydrolysis
- RT enzymatic hydrolysis

ACID MINE DRAINAGE

INIS: 1992-03-12; ETDE: 1976-01-07

- RT coal mining
- RT land pollution
- RT liquid wastes
- RT mine draining
- RT mining
- RT spoil banks
- RT waste water
- RT water pollution

ACID NEUTRALIZING CAPACITY

INIS: 1992-04-16; ETDE: 1984-08-06

The total quantity of base in natural waters, usually in equilibrium with carbonate or bicarbonate, as determined by titration with strong acid.

- UF alkalinity
- *BT1 water chemistry
- RT acid carbonates
- RT acid rain
- RT bases
- RT buffers
- RT carbonates
- RT geochemistry
- RT limnology
- RT organic matter
- RT ph value
- RT soils
- RT titration

ACID PHOSPHATASE

Code number 3.1.3.2.

- *BT1 phosphatases

acid phosphates

INIS: 2000-04-12; ETDE: 1977-07-23

(Prior to February 1997 this was a valid ETDE descriptor.)

- USE phosphates

ACID PROTEINASES

INIS: 1986-12-03; ETDE: 1981-01-12

Code number 3.4.23.

- *BT1 peptide hydrolases
- NT1 pepsin

ACID RAIN

INIS: 1991-08-02; ETDE: 1976-03-22

- *BT1 rain
- RT acid neutralizing capacity
- RT air pollution
- RT climatic change
- RT interception
- RT throughfall
- RT us napap

acid silicates

INIS: 2000-04-12; ETDE: 1977-07-23

(Prior to September 1994, this was a valid ETDE descriptor.)

- USE silicates

ACID SOILS

2013-11-27

- BT1 soils
- RT acidification
- RT ph value

ACID SULFATES

INIS: 2000-04-12; ETDE: 1978-03-03

- UF bisulfates
- *BT1 sulfates
- RT inorganic acids
- RT sulfuric acid

ACID SULFITES

INIS: 2000-04-12; ETDE: 1982-01-07

- *BT1 sulfites
- RT inorganic acids
- RT sulfuric acid

ACIDIFICATION

INIS: 1983-03-14; ETDE: 1977-12-22

The act or process of acidifying.

- RT acid soils
- RT chemical reactions
- RT inorganic acids
- RT organic acids

acidity

- USE ph value

ACIDIZATION

INIS: 1999-01-20; ETDE: 1976-03-11

Treatment of a reservoir formation with acid to assist the flow of crude oil or gas by improving the permeability of the reservoir rock.

- RT enhanced recovery
- RT natural gas deposits
- RT petroleum deposits
- RT well stimulation

acids (inorganic)

- USE inorganic acids

acids (organic)

- USE organic acids

aco (anneau de collisions d'orsay)

ETDE: 2005-01-28

(Prior to January 2005 ACO was a valid descriptor.)

- USE orsay storage rings

ACOUSTIC AGGLOMERATORS

INIS: 2000-04-12; ETDE: 1981-08-21

- *BT1 pollution control equipment
- RT aerosols
- RT dusts
- RT hot gas cleanup
- RT sound waves

ACOUSTIC DETECTION

INIS: 1983-06-30; ETDE: 1979-09-06

Charged particle detection technique based on sonic signal produced by charged particles traversing fluid media.

- BT1 acoustic measurements
- *BT1 charged particle detection
- RT acoustic monitoring
- RT dumand project
- RT sound waves

acoustic electron spin resonance

- USE acoustic esr

ACOUSTIC EMISSION TESTING

- *BT1 acoustic testing

ACOUSTIC ESR

- UF acoustic electron spin resonance
- UF aepr
- UF aesr
- UF paramagnetic resonance (electron acoustic)
- SF electron-spin echo
- *BT1 electron spin resonance
- RT attenuation
- RT phonons
- RT resonance scattering
- RT sound waves

ACOUSTIC HEATING

- *BT1 magnetic-pumping heating

ACOUSTIC INSULATION

1995-07-03

- UF insulation (acoustic)
- UF soundproofing
- RT acoustic measurements
- RT acoustic monitoring
- RT acoustics

ACOUSTIC MEASUREMENTS

1995-07-03

Measurements of properties, quantities, or conditions by means of acoustical, i.e. mechanical waves.

- UF sonic measurements
- NT1 acoustic detection
- RT acoustic insulation
- RT acoustic monitoring
- RT acoustic testing
- RT noise dosimeters
- RT seismic surveys
- RT seismographs
- RT sonic logging
- RT sonic probes
- RT sound waves
- RT ultrasonic testing

ACOUSTIC MICROSCOPY

INIS: 1993-04-07; ETDE: 1984-07-10

- UF scanning acoustic microscopy
- BT1 microscopy
- RT acoustic testing
- RT mechanical properties

ACOUSTIC MONITORING

1995-07-03

- UF microseismic monitoring
- BT1 monitoring
- RT acoustic detection
- RT acoustic insulation
- RT acoustic measurements
- RT in core instruments
- RT reactor instrumentation
- RT reactor monitoring systems
- RT sonic logging
- RT sound waves

ACOUSTIC NMR

- UF acoustic nuclear magnetic resonance
- UF anmr
- UF nuclear acoustic resonance
- UF paramagnetic resonance (nuclear acoustic)
- *BT1 nuclear magnetic resonance
- RT attenuation
- RT phonons
- RT resonance scattering
- RT sound waves

acoustic nuclear magnetic resonance

1993-11-03

- USE acoustic nmr

ACOUSTIC RADAR

INIS: 1993-05-06; ETDE: 1980-03-29

Use of sound waves with RADAR techniques for remote probing of the lower atmosphere.

- *BT1 radar
- RT meteorology
- RT remote sensing
- RT sound waves

acoustic spark chambers

- USE sonic spark chambers

ACOUSTIC TESTING

- *BT1 nondestructive testing
- NT1 acoustic emission testing
- NT1 ultrasonic testing
- RT acoustic measurements
- RT acoustic microscopy

ACOUSTICS

INIS: 1999-01-20; ETDE: 1976-01-23

- NT1 magnetoacoustics
- RT acoustic insulation
- RT photoacoustic effect
- RT sound waves
- RT speech synthesizers

ACPR REACTOR

Sandia National Laboratories, Albuquerque, New Mexico, USA. Shut down in 1977.

- UF acrr reactor
- UF annular core pulse reactor
- UF annular core research reactor
- *BT1 enriched uranium reactors
- *BT1 hydride moderated reactors
- *BT1 mixed spectrum reactors
- *BT1 pulsed reactors
- *BT1 research reactors
- *BT1 solid homogeneous reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

acquired immunodeficiency syndrome

INIS: 2000-04-12; ETDE: 1986-03-04

- USE aids

acquired immunodeficiency virus

INIS: 1993-11-03; ETDE: 2002-06-06

- USE aids virus

acquisition (data)

- USE data acquisition

acraldehyde

- USE acrolein

ACRIDINE ORANGE

- *BT1 acridines
- *BT1 amines
- BT1 dyes

ACRIDINES

- UF acridones
- *BT1 azaarenes
- *BT1 pyridines
- NT1 acridine orange
- NT1 flavines
- NT2 acriflavine
- NT2 proflavine

acridones

2000-04-12

(Prior to April 1994, this was a valid ETDE descriptor.)

- USE acridines
- USE ketones

ACRIFLAVINE

- UF euflavine
- UF tryptaflavine
- *BT1 flavines
- RT proflavine

ACROCENTRIC CHROMOSOMES

ETDE: 1975-09-11

- BT1 chromosomes
- RT chromosomal aberrations
- RT karyotype

acroleic acid

- USE acrylic acid

ACROLEIN

- UF acraldehyde
- UF acrylic aldehyde
- UF propenal
- *BT1 aldehydes
- RT vinyl monomers

ACROMEGALY

- *BT1 endocrine diseases
- RT pituitary gland
- RT sth

acrr reactor

INIS: 2000-04-12; ETDE: 1979-10-23

- USE acpr reactor

ACRYLAMIDE

- *BT1 amides
- RT acrylic acid
- RT vinyl monomers

ACRYLATES

- BT1 carboxylic acid salts
- RT acrylic acid esters
- RT vinyl monomers

ACRYLIC ACID

- UF acroleic acid
- UF ethylenecarboxylic acid
- *BT1 monocarboxylic acids
- RT acrylamide
- RT acrylonitrile
- RT vinyl monomers

ACRYLIC ACID ESTERS

- *BT1 carboxylic acid esters
- RT acrylates
- RT vinyl monomers

acrylic aldehyde

- USE acrolein

acrylic polymers

- USE polyacrylates

ACRYLONITRILE

- UF vinyl cyanide
- *BT1 nitriles
- RT acrylic acid
- RT organic polymers
- RT vinyl monomers

ACT DEVICES

- INIS: 1985-12-11; ETDE: 1985-08-08
- Advanced Concept Torus.
- *BT1 tokamak devices

actf

- INIS: 2000-04-12; ETDE: 1981-03-17
- USE advanced components test facility

ACTH

- UF adrenocorticotrophic hormone
- *BT1 pituitary hormones
- RT adrenal glands
- RT corticosteroids
- RT glucocorticoids

ACTIN

- *BT1 proteins
- RT muscles
- RT tropomyosin

ACTINIDE ALLOYS

- BT1 alloys
- NT1 americium alloys
- NT1 berkelium alloys
- NT1 californium alloys
- NT1 curium alloys
- NT2 curium additions
- NT1 einsteinium alloys
- NT1 neptunium alloys
- NT2 neptunium additions
- NT1 plutonium alloys
- NT2 plutonium base alloys
- NT1 protactinium alloys
- NT1 thorium alloys
- NT2 magnesium alloy-hk31a
- NT2 thorium additions
- NT2 thorium base alloys
- NT1 uranium alloys
- NT2 uranium base alloys
- NT3 alloy-u90nb7zr3
- RT rare earth alloys

ACTINIDE BURNER REACTORS

- INIS: 1980-07-24; ETDE: 1979-03-28
- Reactors which convert radioactive waste actinides to useful or less harmful elements by fission reactions.

- *BT1 fast reactors
- RT radioactive waste disposal

ACTINIDE COMPLEXES

- 1996-07-18
- BT1 complexes
- NT1 actinium complexes
- NT1 americium complexes
- NT1 berkelium complexes
- NT1 californium complexes
- NT1 curium complexes
- NT1 einsteinium complexes
- NT1 fermium complexes
- NT1 lawrencium complexes
- NT1 mendelevium complexes
- NT1 neptunium complexes
- NT2 neptunyl complexes
- NT1 nobelium complexes
- NT1 plutonium complexes
- NT2 plutonyl complexes
- NT1 protactinium complexes
- NT1 thorium complexes
- NT1 uranium complexes
- NT2 uranyl complexes

ACTINIDE COMPOUNDS

- NT1 actinium compounds
- NT2 actinium halides
- NT3 actinium bromides
- NT3 actinium chlorides
- NT3 actinium fluorides
- NT2 actinium hydrides
- NT2 actinium hydroxides
- NT2 actinium oxides
- NT2 actinium sulfates
- NT1 americium compounds
- NT2 americium arsenides
- NT2 americium carbides
- NT2 americium carbonates
- NT2 americium halides
- NT3 americium bromides
- NT3 americium chlorides
- NT3 americium fluorides
- NT3 americium iodides
- NT2 americium hydrides
- NT2 americium hydroxides
- NT2 americium nitrates
- NT2 americium nitrides
- NT2 americium oxides
- NT2 americium perchlorates
- NT2 americium phosphates
- NT2 americium phosphides
- NT2 americium selenides
- NT2 americium silicates
- NT2 americium silicides
- NT2 americium sulfates
- NT2 americium sulfides
- NT2 americium tellurides
- NT1 berkelium compounds
- NT2 berkelium arsenides
- NT2 berkelium halides
- NT3 berkelium bromides
- NT3 berkelium chlorides
- NT3 berkelium fluorides
- NT2 berkelium hydrides
- NT2 berkelium nitrates
- NT2 berkelium nitrides
- NT2 berkelium oxides
- NT2 berkelium phosphates
- NT2 berkelium phosphides
- NT2 berkelium selenides
- NT2 berkelium sulfates
- NT2 berkelium sulfides
- NT2 berkelium tellurides
- NT1 californium compounds
- NT2 californium arsenides
- NT2 californium halides
- NT3 californium bromides
- NT3 californium chlorides
- NT3 californium fluorides
- NT3 californium iodides
- NT2 californium nitrates
- NT2 californium nitrides
- NT2 californium oxides
- NT2 californium selenides
- NT2 californium sulfides
- NT2 californium tellurides
- NT1 curium compounds
- NT2 curium arsenides
- NT2 curium carbonates
- NT2 curium halides
- NT3 curium bromides
- NT3 curium chlorides
- NT3 curium fluorides
- NT3 curium iodides
- NT2 curium hydrides
- NT2 curium hydroxides
- NT2 curium nitrates
- NT2 curium nitrides
- NT2 curium oxides
- NT2 curium phosphides
- NT2 curium selenides
- NT2 curium silicates
- NT2 curium sulfides
- NT2 curium tellurides
- NT1 einsteinium compounds
- NT2 einsteinium halides
- NT3 einsteinium bromides
- NT3 einsteinium chlorides
- NT3 einsteinium fluorides
- NT3 einsteinium iodides
- NT2 einsteinium nitrates
- NT2 einsteinium oxides
- NT1 fermium compounds
- NT2 fermium halides
- NT3 fermium bromides
- NT3 fermium chlorides
- NT3 fermium iodides
- NT2 fermium oxides
- NT1 lawrencium compounds
- NT1 mendelevium compounds
- NT2 mendelevium oxides
- NT1 neptunium compounds
- NT2 neptunium arsenides
- NT2 neptunium borides
- NT2 neptunium carbides
- NT2 neptunium carbonates
- NT2 neptunium halides
- NT3 neptunium bromides
- NT3 neptunium chlorides
- NT3 neptunium fluorides
- NT3 neptunium iodides
- NT2 neptunium hydrides
- NT2 neptunium hydroxides
- NT2 neptunium nitrates
- NT2 neptunium nitrides
- NT2 neptunium oxides
- NT2 neptunium perchlorates
- NT2 neptunium phosphates
- NT2 neptunium phosphides
- NT2 neptunium selenides
- NT2 neptunium sulfates
- NT2 neptunium sulfides
- NT2 neptunium tellurides
- NT2 neptunyl compounds
- NT1 nobelium compounds
- NT2 nobelium oxides
- NT1 plutonium compounds
- NT2 plutonium arsenides
- NT2 plutonium borides
- NT2 plutonium carbides
- NT2 plutonium carbonates
- NT2 plutonium halides

NT3 plutonium bromides
 NT3 plutonium chlorides
 NT3 plutonium fluorides
 NT3 plutonium iodides
 NT2 plutonium hydrides
 NT2 plutonium hydroxides
 NT2 plutonium nitrates
 NT2 plutonium nitrides
 NT2 plutonium oxides
 NT3 plutonium dioxide
 NT2 plutonium perchlorates
 NT2 plutonium peroxide
 NT2 plutonium phosphates
 NT2 plutonium phosphides
 NT2 plutonium selenides
 NT2 plutonium silicates
 NT2 plutonium sulfates
 NT2 plutonium sulfides
 NT2 plutonium tellurides
 NT2 plutonyl compounds
 NT1 protactinium compounds
 NT2 protactinium carbides
 NT2 protactinium halides
 NT3 protactinium bromides
 NT3 protactinium chlorides
 NT3 protactinium fluorides
 NT3 protactinium iodides
 NT2 protactinium hydrides
 NT2 protactinium hydroxides
 NT2 protactinium nitrates
 NT2 protactinium oxides
 NT2 protactinium phosphates
 NT2 protactinium sulfates
 NT1 thorium compounds
 NT2 thorium arsenides
 NT2 thorium borides
 NT2 thorium carbides
 NT2 thorium carbonates
 NT2 thorium halides
 NT3 thorium bromides
 NT3 thorium chlorides
 NT3 thorium fluorides
 NT3 thorium iodides
 NT2 thorium hydrides
 NT2 thorium hydroxides
 NT2 thorium nitrates
 NT2 thorium nitrides
 NT2 thorium oxides
 NT3 thorotrast
 NT2 thorium perchlorates
 NT2 thorium phosphates
 NT2 thorium phosphides
 NT2 thorium selenides
 NT2 thorium silicates
 NT2 thorium silicides
 NT2 thorium sulfates
 NT2 thorium sulfides
 NT2 thorium tellurides
 NT2 thorium tungstates
 NT1 uranium compounds
 NT2 uranates
 NT3 ammonium uranates
 NT4 adu
 NT3 bismuth uranates
 NT3 cesium uranates
 NT3 lithium uranates
 NT3 potassium uranates
 NT3 rubidium uranates
 NT3 sodium uranates
 NT3 strontium uranates
 NT3 thallium uranates
 NT2 uranium arsenides
 NT2 uranium borides
 NT2 uranium borohydrides
 NT2 uranium carbides
 NT2 uranium carbonates
 NT2 uranium halides
 NT3 uranium bromides
 NT3 uranium chlorides

NT3 uranium fluorides
 NT4 uranium hexafluoride
 NT4 uranium pentafluoride
 NT4 uranium tetrafluoride
 NT3 uranium iodides
 NT2 uranium hydrides
 NT2 uranium hydroxides
 NT2 uranium nitrates
 NT2 uranium nitrides
 NT2 uranium oxides
 NT3 uranium dioxide
 NT3 uranium oxides u3o8
 NT3 uranium trioxide
 NT2 uranium perchlorates
 NT2 uranium peroxide
 NT2 uranium phosphates
 NT2 uranium phosphides
 NT2 uranium selenides
 NT2 uranium silicates
 NT2 uranium silicides
 NT2 uranium sulfates
 NT2 uranium sulfides
 NT2 uranium tellurides
 NT2 uranium tungstates
 NT2 uranium vanadates
 NT2 uranyl compounds
 NT3 auc
 NT3 uranyl carbonates
 NT3 uranyl halides
 NT4 uranyl chlorides
 NT4 uranyl fluorides
 NT3 uranyl nitrates
 NT4 unh
 NT3 uranyl perchlorates
 NT3 uranyl phosphates
 NT3 uranyl silicates
 NT3 uranyl sulfates
 NT3 uranyl tungstates

actinide isotopes

INIS: 2000-04-12; ETDE: 1976-05-17

(Prior to March 1997 this was a valid ETDE descriptor.)

USE actinide nuclei

ACTINIDE NUCLEI

1996-01-11

UF actinide isotopes

*BT1 heavy nuclei

NT1 actinium 206
 NT1 actinium 207
 NT1 actinium 208
 NT1 actinium 209
 NT1 actinium 210
 NT1 actinium 211
 NT1 actinium 212
 NT1 actinium 213
 NT1 actinium 214
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 NT1 actinium 231
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 NT1 actinium 236

NT1 americium 231
 NT1 americium 232
 NT1 americium 233
 NT1 americium 234
 NT1 americium 235
 NT1 americium 236
 NT1 americium 237
 NT1 americium 238
 NT1 americium 239
 NT1 americium 240
 NT1 americium 241
 NT1 americium 242
 NT1 americium 243
 NT1 americium 244
 NT1 americium 245
 NT1 americium 246
 NT1 americium 247
 NT1 americium 248
 NT1 americium 249
 NT1 berkelium 235
 NT1 berkelium 236
 NT1 berkelium 237
 NT1 berkelium 238
 NT1 berkelium 239
 NT1 berkelium 240
 NT1 berkelium 241
 NT1 berkelium 242
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 NT1 berkelium 249
 NT1 berkelium 250
 NT1 berkelium 251
 NT1 berkelium 252
 NT1 berkelium 253
 NT1 berkelium 254
 NT1 californium 236
 NT1 californium 237
 NT1 californium 238
 NT1 californium 239
 NT1 californium 240
 NT1 californium 241
 NT1 californium 242
 NT1 californium 243
 NT1 californium 244
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 NT1 californium 250
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 NT1 californium 253
 NT1 californium 254
 NT1 californium 255
 NT1 californium 256
 NT1 curium 232
 NT1 curium 233
 NT1 curium 234
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 NT1 curium 236
 NT1 curium 237
 NT1 curium 238
 NT1 curium 239
 NT1 curium 240
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NT1 curium 251
 NT1 curium 252
 NT1 einsteinium 240
 NT1 einsteinium 241
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 NT1 einsteinium 256
 NT1 einsteinium 257
 NT1 einsteinium 258
 NT1 fermium 241
 NT1 fermium 242
 NT1 fermium 243
 NT1 fermium 244
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 NT1 fermium 246
 NT1 fermium 247
 NT1 fermium 248
 NT1 fermium 249
 NT1 fermium 250
 NT1 fermium 251
 NT1 fermium 252
 NT1 fermium 253
 NT1 fermium 254
 NT1 fermium 255
 NT1 fermium 256
 NT1 fermium 257
 NT1 fermium 258
 NT1 fermium 259
 NT1 fermium 260
 NT1 fermium 264
 NT1 lawrencium 251
 NT1 lawrencium 252
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 NT1 lawrencium 255
 NT1 lawrencium 256
 NT1 lawrencium 257
 NT1 lawrencium 258
 NT1 lawrencium 259
 NT1 lawrencium 260
 NT1 lawrencium 261
 NT1 lawrencium 262
 NT1 lawrencium 263
 NT1 lawrencium 264
 NT1 lawrencium 265
 NT1 lawrencium 266
 NT1 mendelevium 245
 NT1 mendelevium 246
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 NT1 mendelevium 250
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 NT1 mendelevium 257
 NT1 mendelevium 258
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 NT1 mendelevium 260
 NT1 mendelevium 261
 NT1 mendelevium 262
 NT1 neptunium 225
 NT1 neptunium 226
 NT1 neptunium 227

NT1 neptunium 228
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 NT1 neptunium 242
 NT1 neptunium 243
 NT1 neptunium 244
 NT1 nobelium 248
 NT1 nobelium 250
 NT1 nobelium 251
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 NT1 nobelium 256
 NT1 nobelium 257
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 NT1 nobelium 262
 NT1 nobelium 263
 NT1 nobelium 264
 NT1 plutonium 228
 NT1 plutonium 229
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 NT1 plutonium 250
 NT1 protactinium 212
 NT1 protactinium 213
 NT1 protactinium 214
 NT1 protactinium 215
 NT1 protactinium 216
 NT1 protactinium 217
 NT1 protactinium 218
 NT1 protactinium 219
 NT1 protactinium 220
 NT1 protactinium 221
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 NT1 protactinium 238
 NT1 protactinium 239
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 NT1 thorium 208
 NT1 thorium 209
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 NT1 thorium 211
 NT1 thorium 212
 NT1 thorium 213
 NT1 thorium 214
 NT1 thorium 215
 NT1 thorium 216
 NT1 thorium 217
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 NT1 thorium 230
 NT1 thorium 231
 NT1 thorium 232
 NT1 thorium 233
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 NT1 thorium 237
 NT1 thorium 238
 NT1 uranium 217
 NT1 uranium 218
 NT1 uranium 219
 NT1 uranium 220
 NT1 uranium 221
 NT1 uranium 222
 NT1 uranium 223
 NT1 uranium 224
 NT1 uranium 225
 NT1 uranium 226
 NT1 uranium 227
 NT1 uranium 228
 NT1 uranium 229
 NT1 uranium 230
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 NT1 uranium 236
 NT1 uranium 237
 NT1 uranium 238
 NT1 uranium 239
 NT1 uranium 240
 NT1 uranium 241
 NT1 uranium 242

ACTINIDES

*BT1 metals
 NT1 actinium
 NT1 americium
 NT1 berkelium
 NT1 californium
 NT1 curium
 NT1 einsteinium
 NT1 fermium
 NT1 lawrencium
 NT1 mendelevium
 NT1 neptunium
 NT2 neptunium-alpha
 NT2 neptunium-gamma
 NT1 nobelium
 NT1 plutonium

NT2 plutonium-alpha
NT2 plutonium-beta
NT2 plutonium-delta
NT2 plutonium-epsilon
NT2 plutonium-gamma
NT1 protactinium
NT1 thorium
NT2 thorium-alpha
NT2 thorium-beta
NT1 uranium
NT2 depleted uranium
NT2 enriched uranium
NT3 highly enriched uranium
NT3 moderately enriched uranium
NT3 slightly enriched uranium
NT2 natural uranium
NT2 uranium-alpha
NT2 uranium-beta
NT2 uranium-gamma
RT transplutonium elements
RT transuranium elements

ACTINIUM

*BT1 actinides

ACTINIUM 206

2007-09-25

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 207

INIS: 1994-12-22; ETDE: 1995-01-03

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 208

INIS: 1994-12-22; ETDE: 1995-01-03

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 209

INIS: 1986-05-12; ETDE: 1986-07-03

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 210

INIS: 1986-05-12; ETDE: 1989-06-23

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 211

INIS: 1986-05-12; ETDE: 1986-07-03

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 212

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 213

*BT1 actinide nuclei

*BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 214

INIS: 1986-05-12; ETDE: 1986-07-03

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ACTINIUM 215

1982-06-09

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 216

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 microseconds living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 217

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 218

INIS: 1977-03-01; ETDE: 1976-12-15

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 microseconds living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 219

INIS: 1985-06-07; ETDE: 1985-05-31

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 microseconds living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 220

INIS: 1976-07-06; ETDE: 1976-05-17

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 221

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 222

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ACTINIUM 223

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 224

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 225

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 226

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 227

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 internal conversion radioisotopes
 *BT1 odd-even nuclei
 *BT1 years living radioisotopes

ACTINIUM 227 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09

BT1 targets

ACTINIUM 228

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 hours living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 229

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 hours living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 230

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 231

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

ACTINIUM 232

1978-01-16

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ACTINIUM 233

INIS: 1983-09-05; ETDE: 1983-01-21

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 minutes living radioisotopes

*BT1 odd-even nuclei

ACTINIUM 234

INIS: 1986-01-21; ETDE: 1986-02-21

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ACTINIUM 235

2007-09-25

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

ACTINIUM 236

2007-09-25

*BT1 actinide nuclei
 *BT1 actinium isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 odd-odd nuclei

actinium a

USE polonium 215

actinium additions

2000-04-12

(Prior to August 1993 this was a valid ETDE descriptor.)

USE actinium compounds
 USE alloys

actinium b

USE lead 211

ACTINIUM BROMIDES

INIS: 1996-06-26; ETDE: 1975-10-28

(From June 1996 to September 2007
 ACTINIUM COMPOUNDS + BROMIDES
 was used for this concept.)
 *BT1 actinium halides
 *BT1 bromides

actinium c

USE bismuth 211

actinium c/

1983-02-03

USE polonium 211

actinium c//

USE thallium 207

ACTINIUM CHLORIDES

INIS: 1996-06-26; ETDE: 1975-10-28

(From June 1996 to February 2008
 ACTINIUM COMPOUNDS + CHLORIDES
 was used for this concept.)
 *BT1 actinium halides
 *BT1 chlorides

ACTINIUM COMPLEXES

*BT1 actinide complexes

ACTINIUM COMPOUNDS

1996-11-13

UF actinium additions
 BT1 actinide compounds
 NT1 actinium halides
 NT2 actinium bromides
 NT2 actinium chlorides
 NT2 actinium fluorides
 NT1 actinium hydrides
 NT1 actinium hydroxides
 NT1 actinium oxides
 NT1 actinium sulfates

actinium d

USE lead 207

ACTINIUM FLUORIDES

INIS: 1996-06-26; ETDE: 1975-10-28

(From June 1996 to February 2008
 ACTINIUM COMPOUNDS + FLUORIDES
 was used for this concept.)
 *BT1 actinium halides
 *BT1 fluorides

ACTINIUM HALIDES

2008-02-07

*BT1 actinium compounds
 *BT1 halides
 NT1 actinium bromides
 NT1 actinium chlorides
 NT1 actinium fluorides

ACTINIUM HYDRIDES

1997-01-28

(From November 1996 to November 2007
 ACTINIUM COMPOUNDS + HYDRIDES
 was used for this concept.)
 *BT1 actinium compounds
 *BT1 hydrides

ACTINIUM HYDROXIDES

INIS: 1997-01-28; ETDE: 1977-11-10

(From November 1996 to November 2007
 ACTINIUM COMPOUNDS +
 HYDROXIDES was used for this concept.)
 *BT1 actinium compounds
 *BT1 hydroxides

ACTINIUM IONS

*BT1 ions

ACTINIUM ISOTOPES

1999-07-16

BT1 isotopes
 NT1 actinium 206
 NT1 actinium 207
 NT1 actinium 208
 NT1 actinium 209
 NT1 actinium 210
 NT1 actinium 211
 NT1 actinium 212
 NT1 actinium 213
 NT1 actinium 214
 NT1 actinium 215
 NT1 actinium 216
 NT1 actinium 217
 NT1 actinium 218
 NT1 actinium 219
 NT1 actinium 220
 NT1 actinium 221
 NT1 actinium 222
 NT1 actinium 223
 NT1 actinium 224
 NT1 actinium 225
 NT1 actinium 226
 NT1 actinium 227
 NT1 actinium 228
 NT1 actinium 229
 NT1 actinium 230
 NT1 actinium 231
 NT1 actinium 232
 NT1 actinium 233
 NT1 actinium 234
 NT1 actinium 235
 NT1 actinium 236

actinium k

USE francium 223

ACTINIUM OXIDES

1997-01-28

(From November 1996 to November 2007
 ACTINIUM COMPOUNDS + OXIDES was
 used for this concept.)
 *BT1 actinium compounds
 *BT1 oxides

ACTINIUM SULFATES

1996-06-26

(From June 1996 to November 2007
 ACTINIUM COMPOUNDS + SULFATES
 was used for this concept.)
 *BT1 actinium compounds
 *BT1 sulfates

actinium x

USE radium 223

ACTINOMYCES

1997-06-19

*BT1 bacteria
 NT1 frankia
 RT nocardia

ACTINOMYCIN

*BT1 antibiotics
 *BT1 antimetabolic drugs
 *BT1 antineoplastic drugs

ACTION INTEGRAL

INIS: 1986-07-09; ETDE: 1986-04-11

An integral associated with the trajectory of a
 system in configuration space, equal to the
 sum of the integrals of the generalized
 momenta of the system over their canonically
 conjugate coordinates.

BT1 integrals
 RT field theories
 RT mechanics

ACTIVATED CARBON

BT1 adsorbents
 *BT1 carbon
 RT adsorption
 RT charcoal

ACTIVATED SLUDGE PROCESS

INIS: 1994-09-29; ETDE: 1976-03-11

*BT1 waste processing
 RT petroleum refineries
 RT sewage

activation (chemical)

USE chemical activation

activation (radio)

USE radioactivation

ACTIVATION ANALYSIS

1999-05-04

(Before the introduction of the specific
 narrower terms in November 1978, all types of
 activation analysis were indexed to the above
 descriptor.)

UF analysis (activation)
 UF radiochemical activation analysis
 *BT1 nondestructive analysis
 NT1 charged-particle activation analysis
 NT1 neutron activation analysis
 NT1 photon activation analysis
 RT crime detection
 RT impurities
 RT neutron activation analyzers
 RT nuclear reaction analysis
 RT qualitative chemical analysis
 RT quantitative chemical analysis
 RT radioactivation
 RT substoichiometry

ACTIVATION DETECTORS

*BT1 neutron detectors
 RT fission foil detectors
 RT moderating detectors
 RT radiator counters
 RT threshold detectors

ACTIVATION ENERGY

UF activation heat
 UF reactivity (chemical)

BT1 energy
 RT arrhenius equation
 RT chemical activation
 RT chemical reaction kinetics
 RT excitation
 RT reaction kinetics

activation heat

USE activation energy

activity (optical)

INIS: 1977-06-13; ETDE: 2002-06-06

USE optical activity

activity coefficient

USE reaction kinetics
 USE thermodynamic activity

ACTIVITY LEVELS

1985-12-11

May be used in any field.

(Prior to 1986 RADIOACTIVITY was used for this concept if appropriate.)

RT activity meters
 RT enzyme activity
 RT maximum permissible activity
 RT radioactivity
 RT solar activity

ACTIVITY METERS

*BT1 meters
 RT activity levels
 RT counting techniques

activity transport

INIS: 1976-05-07; ETDE: 1976-08-24

In reactor systems.

USE radioactivity transport

ACTUATORS

1975-08-22

Mechanism to activate process control equipment, e.g., valves.

RT control equipment
 RT servomechanisms
 RT solenoids

ACUPUNCTURE

2003-06-05

BT1 medicine

ACUTE EXPOSURE

INIS: 1985-12-10; ETDE: 1978-06-14

For acute exposure to radiation, use ACUTE IRRADIATION.

NT1 acute irradiation
 RT biological effects
 RT dose-response relationships
 RT environmental exposure
 RT toxicity

ACUTE IRRADIATION

BT1 acute exposure
 BT1 irradiation
 RT latency period
 RT radiation syndrome

ACYL RADICALS

1996-07-16

(Prior to August 1996 BUTYRYL

RADICALS was a valid ETDE descriptor.)

UF butyryl radicals
 BT1 radicals
 NT1 acetyl radicals
 NT1 formyl radicals

ACYLATION

BT1 chemical reactions
 NT1 acetylation
 NT1 benzylation

ADA

INIS: 2000-04-12; ETDE: 1985-12-11

BT1 programming languages

adamantane

(Prior to February 1997 this was a valid ETDE descriptor.)

USE cycloalkanes

adamellite

INIS: 1984-11-30; ETDE: 1984-06-29

USE quartz monzonite

adapted swimming pool reactor austria

1993-11-03

USE astra reactor

adaptive intrusion data systems

INIS: 2000-04-12; ETDE: 1982-09-10

SEE intrusion detection systems

ADAPTIVE SYSTEMS

2004-05-28

Systems that have the ability to learn, change their state, or otherwise react to stimuli or changes in their environment.

UF self-learning systems
 *BT1 computerized control systems
 RT algorithms

added mass effect

INIS: 1976-03-17; ETDE: 1976-08-24

USE hydrodynamic mass effect

ADDITIVES

SF chemicals
 NT1 deflocculating agents
 NT1 demulsifiers
 NT1 emulsifiers
 NT2 detergents
 NT3 pluronics
 NT1 food additives
 NT1 fuel additives
 RT catalysts
 RT preservatives
 RT solutes
 RT xenobiotics

ADDUCTS

Chemical compounds with weak bonds, e.g. occlusive or Van der Waals bonds.

NT1 dna adducts
 RT chemical bonds
 RT clathrates
 RT complexes

ADENINES

UF 6-aminopurine
 *BT1 amines
 *BT1 antimetabolites
 *BT1 purines
 NT1 kinetin
 RT adenosine
 RT adenylic acid
 RT adp
 RT amp
 RT atp
 RT vitamin b group

adenocarcinomas

USE carcinomas

ADENOMAS

*BT1 carcinomas
 RT glands

ADENOSINE

*BT1 nucleosides
 RT adenines
 RT atp

adenosine diphosphate

USE adp

adenosine monophosphate

USE amp

adenosine triphosphatase

USE atp-ase

adenosine triphosphate

USE atp

ADENOVIRUS

*BT1 oncogenic viruses

ADENYLIC ACID

1983-02-03

*BT1 nucleotides
 RT adenines

adgezator

USE electron-ring accelerators

ADHESION

RT adhesives
 RT agglomeration
 RT bonding
 RT coalescence
 RT surface properties

ADHESIVES

RT adhesion
 RT binders

ADIABATIC APPROXIMATION

*BT1 approximations
 RT born-oppenheimer approximation
 RT diabatic approximation
 RT quantum mechanics
 RT scattering

ADIABATIC COMPRESSION HEATING

*BT1 plasma heating

ADIABATIC DEMAGNETIZATION

UF demagnetization (adiabatic)
 UF magnetic cooling
 BT1 demagnetization
 RT cryogenics
 RT magnetism

ADIABATIC INVARIANCE

RT invariance principles
 RT quantum mechanics

ADIABATIC PROCESSES

UF processes (adiabatic)
 NT1 adiabatic surface ionization
 RT isentropic processes
 RT isothermal processes
 RT thermodynamics

adiabatic reformer processes

INIS: 2000-04-12; ETDE: 1981-03-17

USE autothermal reformer processes

ADIABATIC SURFACE IONIZATION

ETDE: 1978-03-08

UF asi
 BT1 adiabatic processes
 *BT1 surface ionization

adiabatic toroidal compressors

USE atc devices

ADIP PROCESS

2000-04-12

Process for the substantial removal of hydrogen sulfide and the partial removal of incidental COS, carbon dioxide, and mercaptans.

*BT1 desulfurization

ADIPIC ACID

*BT1 dicarboxylic acids

ADIPOSE TISSUE

*BT1 connective tissue
 RT fat cells
 RT fats
 RT leptin

ADIRONDACK MOUNTAINS

INIS: 1992-06-30; ETDE: 1983-10-11

*BT1 appalachian mountains
 RT new york

ADITYA TOKAMAK

1991-02-11

*BT1 tokamak devices

ADJOINT DIFFERENCE METHOD

BT1 calculation methods
 RT neutron transport theory
 RT one-dimensional calculations
 RT three-dimensional calculations
 RT two-dimensional calculations

ADJOINT FLUX

*BT1 neutron flux
 RT neutron importance function
 RT perturbation theory

adjustments

INIS: 2000-04-12; ETDE: 1979-12-10
 (Prior to February 1997, this was a valid ETDE descriptor.)

SEE administrative procedures

adl process

INIS: 2000-04-12; ETDE: 1978-03-09
 Arthur D. Little coal liquefaction process in which some hydrogen is added by the donor solvent and carbon is removed as coke. Process takes place at 80-100 psi and is similar to certain established petroleum refinery processes.
 (Prior to July 1993, this was a valid ETDE descriptor.)

USE coal liquefaction

administration

USE management

ADMINISTRATIVE PROCEDURES

INIS: 1996-02-12; ETDE: 1979-12-10
 (Adjustments, decisions and orders, disbursements, interventions, investigations, and notices have been valid descriptors.)

UF interventions
 SF adjustments
 SF decisions and orders
 SF disbursements
 SF investigations
 SF notices
 NT1 alternative work schedules
 NT1 appeals
 NT1 exceptions
 NT1 license applications
 NT1 licensing procedures
 NT1 notification procedures
 NT1 orders
 NT1 prohibition orders
 NT1 proposed remedial orders
 NT1 sanctions
 RT agreements
 RT compliance
 RT debt collection
 RT enforcement
 RT hearings
 RT implementation
 RT laws
 RT leasing
 RT legal aspects

RT regulations
 RT reporting requirements
 RT time delay
 RT violations

ADOBE

INIS: 2000-04-12; ETDE: 1979-02-27

*BT1 building materials
 RT bricks
 RT clays

ADOLESCENTS

1999-01-20

Not limited to man, but referring to the stage between puberty and maturity.

BT1 age groups
 RT adults
 RT children
 RT education
 RT juveniles
 RT life cycle
 RT man

ADONE

BT1 storage rings

ADP

UF adenosine diphosphate
 *BT1 nucleotides
 RT adenines

ADRENAL GLANDS

UF cortex (adrenal)
 *BT1 endocrine glands
 RT acth
 RT adrenal hormones
 RT adrenalectomy
 RT androgens

ADRENAL HORMONES

BT1 hormones
 NT1 adrenaline
 NT1 corticosteroids
 NT2 glucocorticoids
 NT3 corticosterone
 NT3 cortisone
 NT3 dexamethasone
 NT3 hydrocortisone
 NT3 prednisolone
 NT3 prednisone
 NT2 mineralocorticoids
 NT3 aldosterone
 NT1 noradrenaline
 RT adrenal glands
 RT adrenalectomy
 RT androgens
 RT steroid hormones

ADRENALECTOMY

*BT1 surgery
 RT adrenal glands
 RT adrenal hormones
 RT response modifying factors

ADRENALINE

UF epinephrine
 *BT1 adrenal hormones
 *BT1 cardiotonics
 *BT1 neuroregulators
 *BT1 sympathomimetics

adrennergics

INIS: 2000-04-12; ETDE: 1981-05-18
 USE sympathomimetics

adrennergics-blocking agents

INIS: 2000-04-12; ETDE: 1981-04-20
 USE sympatholytics

adrenocorticotrophic hormone

USE acth

adriamycin

INIS: 1980-11-07; ETDE: 1980-04-14
 USE doxorubicin

ADRIATIC SEA

INIS: 1992-05-08; ETDE: 1975-10-01

*BT1 mediterranean sea
 RT albania
 RT italy

ADSORBENTS

NT1 activated carbon
 NT1 bioadsorbents
 NT1 charcoal
 NT1 molecular sieves
 NT1 silica gel
 RT adsorption
 RT chemisorption
 RT diatomaceous earth
 RT sorbent injection processes
 RT sorbent recovery systems
 RT sorptive properties

ADSORPTION

BT1 sorption
 RT activated carbon
 RT adsorbents
 RT adsorption heat
 RT adsorption isotherms
 RT bioadsorbents
 RT chemisorption
 RT deposition
 RT desorption
 RT gettering
 RT hygroscopicity
 RT impregnation
 RT molecular sieves
 RT separation processes
 RT silica gel
 RT sorptive properties
 RT surface properties
 RT surfaces
 RT van der waals forces

ADSORPTION HEAT

UF heat of adsorption
 *BT1 enthalpy
 RT adsorption

ADSORPTION ISOTHERMS

BT1 isotherms
 RT adsorption

adsorptive properties

1992-02-23
 USE sorptive properties

adrs

2016-07-11
 USE accelerator-driven subcritical systems

adtt

2000-03-07
 USE accelerator-driven transmutation

ADU

ETDE: 1976-01-07
 UF ammonium diuranate
 *BT1 ammonium uranates

ADULTS

1999-01-20
 BT1 age groups
 NT1 aged adults
 NT2 elderly people
 RT adolescents
 RT life cycle
 RT man
 RT men
 RT metamorphosis
 RT populations
 RT reference man

RT reproduction
RT women

ADVANCE MINING

INIS: 2000-04-12; ETDE: 1983-03-23

*BT1 underground mining
RT coal mining

advanced automotive propulsion systems

INIS: 2000-04-12; ETDE: 1979-05-02

USE aaps

ADVANCED COMPONENTS TEST FACILITY

INIS: 2000-04-12; ETDE: 1981-03-17

The DOE solar thermal test facility operated by Georgia Tech.

UF actf
BT1 test facilities
RT central receivers
RT tower focus collectors
RT tower focus power plants

advanced gas cooled graphite moderated reactor

1993-11-03

USE agr type reactors

ADVANCED LIGHT SOURCE

INIS: 1992-08-17; ETDE: 1992-06-11

Lawrence Berkeley Laboratory, California, USA.

UF als storage ring
BT1 storage rings
*BT1 synchrotron radiation sources
RT accelerator experimental facilities
RT light sources
RT x-ray sources

ADVANCED PHOTON SOURCE

INIS: 1992-08-17; ETDE: 1992-06-11

Argonne National Laboratory, Illinois, USA.

UF aps storage ring
BT1 storage rings
*BT1 synchrotron radiation sources
RT accelerator experimental facilities
RT light sources
RT x-ray sources

advanced reactivity measurement facility-1

1993-11-03

USE armf-1 reactor

advanced test accelerator

INIS: 2000-04-12; ETDE: 1988-01-21

SEE llnl advanced test accelerator

advanced test idaho reactor

2000-04-12

USE atr reactor

advanced test reactor critical facility

1993-11-03

USE atrc reactor

advanced thermal reactor fugen

2000-04-12

USE jatr reactor

advanced toroidal facility torsatron

INIS: 1993-11-03; ETDE: 2002-06-06

USE atf torsatron

ADVECTION

INIS: 1976-02-24; ETDE: 1976-04-19

The horizontal mass transport of a fluid as a result of current or pressure conditions.

BT1 mass transfer
RT convection

RT diffusion
RT fluid flow
RT osmosis
RT water currents
RT wind

ADVENTITIOUS BUD TECHNIQUE

RT mutants
RT mutations
RT plant breeding
RT vegetative propagation

adversaries

INIS: 2000-04-03; ETDE: 1976-07-07

(Prior to February 1997 this was a valid ETDE descriptor.)

SEE interest groups
SEE intervenors

ADVERTISING

INIS: 1993-03-23; ETDE: 1979-03-27

RT communications
RT consumer products
RT marketing
RT product labeling
RT public relations

ADVISORY COMMITTEES

INIS: 1996-08-05; ETDE: 1979-11-23

UF energy research advisory board
RT decision making
RT planning

aec-nim

ETDE: 2002-06-06

USE nuclear instrument modules

aecb canada

INIS: 1977-03-14; ETDE: 2002-06-06

USE canadian aecb

aecl

1977-09-06

(Prior to July 1985, this was a valid ETDE descriptor.)

USE atomic energy of canada ltd

aecl radiochemical slowpoke reactor

INIS: 1979-12-20; ETDE: 1980-01-24

USE slowpoke-ottawa reactor

aedes

USE mosquitoes

AEG-PR-10 REACTOR

KWU, Karlstein, Bayern, Federal Republic of Germany. Shut down since 1976.

Decommissioned since 1978.

UF aeg pruefreaktor pr-10
UF grosswetzheim pr-10 reactor
UF pr-10 aeg pruefreaktor
*BT1 argonaut type reactors
*BT1 research reactors
*BT1 thermal reactors

aeg pruefreaktor pr-10

USE aeg-pr-10 reactor

AEGEAN SEA

INIS: 1992-08-10; ETDE: 1977-06-02

*BT1 mediterranean sea

aepr

USE acoustic esr

AERATION

INIS: 1980-09-12; ETDE: 1976-09-14

RT air
RT bubbles
RT deaerators
RT gases
RT mixing

AERE

UF atomic energy research establishment
*BT1 ukaea

AERIAL MONITORING

1999-01-20

For monitoring FROM the air, e.g. by airplanes or balloons; not for monitoring OF the air.

UF aerial surveying (radiation monitoring)
UF aircraft surveys
BT1 monitoring
RT accidents
RT aerial prospecting
RT aerial surveying
RT aerosols
RT air
RT aircraft
RT fallout
RT geophysical surveys
RT magnetic surveys
RT radiation monitoring
RT radioactive clouds
RT remote sensing
RT unmanned aerial vehicles

AERIAL PROSPECTING

BT1 prospecting
RT aerial monitoring
RT aerial surveying
RT exploration
RT magnetic surveys
RT radiometric surveys
RT remote sensing
RT seasat satellites

AERIAL SURVEYING

INIS: 1985-12-10; ETDE: 1977-07-23

For surveying from the air, e.g. by aircraft.

RT aerial monitoring
RT aerial prospecting
RT aircraft
RT landsat satellites
RT magnetic surveys
RT remote sensing
RT unmanned aerial vehicles

aerial surveying (radiation monitoring)

INIS: 1993-11-03; ETDE: 2002-06-06

USE aerial monitoring

AEROBACTER

*BT1 bacteria
RT coliforms
RT intestines
RT soils

AEROBIC CONDITIONS

INIS: 1983-02-04; ETDE: 1975-11-28

RT aerobic digestion
RT biodegradation
RT decomposition
RT oxygen enhancement ratio

AEROBIC DIGESTION

INIS: 1997-06-19; ETDE: 1975-10-28

BT1 bioconversion
BT1 digestion
RT aerobic conditions
RT batch culture
RT continuous culture
RT microorganisms
RT semibatch culture
RT waste processing

AERODYNAMIC HEATING

INIS: 1994-09-08; ETDE: 1982-02-11

The heating of a body produced by the passage of air or other gases over its surface.

- BT1 heating
- RT aerodynamics
- RT fluid flow
- RT fluid mechanics

AERODYNAMICS

- *BT1 fluid mechanics
- RT aerodynamic heating
- RT aircraft
- RT airfoils
- RT compressible flow
- RT gas flow
- RT mach number
- RT parachutes
- RT particle resuspension
- RT reentry
- RT subsonic flow
- RT supersonic flow
- RT transonic flow
- RT wind tunnels

AEROJET-GENERAL NUCLEONICS REACTORS

1994-08-12

- UF *agn reactor series*
- *BT1 enriched uranium reactors
- *BT1 research reactors
- *BT1 solid homogeneous reactors
- *BT1 thermal reactors
- *BT1 training reactors
- NT1 agn 201 costanza
- NT1 agn-201k reactor

AEROMONAS

INIS: 1993-07-12; ETDE: 1979-07-18

- *BT1 bacteria

AEROSOL GENERATORS

- UF *generators (aerosol)*
- RT aerosols
- RT nozzles

AEROSOL MONITORING

- *BT1 air pollution monitoring
- RT aerosols
- RT air pollution monitors
- RT air samplers
- RT cascade impactors
- RT condensation particle counters
- RT radiation monitoring
- RT radioactive aerosols
- RT smoke detectors

AEROSOL WASTES

- BT1 wastes
- NT1 fly ash
- RT aerosols
- RT air pollution
- RT waste disposal

AEROSOLS

(From April 1987 till February 1997 ARCTIC HAZE was also a valid ETDE descriptor.)

- UF *fumes*
- SF *inhalable particles*
- *BT1 sols
- NT1 radioactive aerosols
- NT1 smokes
- NT2 tobacco smokes
- RT acoustic agglomerators
- RT aerial monitoring
- RT aerosol generators
- RT aerosol monitoring
- RT aerosol wastes
- RT air
- RT air pollution
- RT air pollution monitoring

- RT atomization
- RT condensation nuclei
- RT condensation particle counters
- RT diffusion chambers
- RT droplets
- RT dusts
- RT fallout
- RT filters
- RT flow visualization
- RT inhalation
- RT particle resuspension
- RT particle size
- RT particles
- RT particulates
- RT radioactive clouds
- RT respirators
- RT sedimentation
- RT smoke detectors
- RT total suspended particulates
- RT ventilation

AEROSPACE INDUSTRY

INIS: 1992-03-12; ETDE: 1977-07-23

- BT1 industry
- RT aircraft
- RT space vehicles

aerospace system test reactor

2000-04-12

- USE astr reactor

aerowindows

INIS: 2000-04-12; ETDE: 1984-08-20

- USE air curtains

aeschynite

1996-06-26

(Until June 1996 this was a valid descriptor.)

- USE oxide minerals
- USE thorium minerals

aesr

- USE acoustic esr

AESTHETICS

INIS: 1983-06-30; ETDE: 1978-03-03

- UF *esthetics*
- RT architecture
- RT environmental engineering
- RT environmental impacts
- RT human factors
- RT land reclamation
- RT landscaping
- RT ornamental plants
- RT pollution
- RT public opinion
- RT public relations
- RT recreational areas
- RT social impact
- RT socio-economic factors
- RT sociology
- RT urban areas
- RT water reclamation

aestivation

INIS: 2000-04-12; ETDE: 1978-12-20

The state of torpidity or dormancy induced by heat and dryness of summer.

(Prior to September 1994, this was a valid ETDE descriptor.)

- USE hibernation

aet (aminoethylthiopseudourea)

ETDE: 2005-02-01

(Prior to January 2005 AET was a valid descriptor.)

- USE beta-aminoethyl isothiurea

afars and issas

INIS: 2000-04-12; ETDE: 1979-12-10

(Prior to June 1994, this was a valid ETDE descriptor.)

- USE djibouti

AFFINITY

- UF *electron affinity*
- RT chemical properties
- RT chemical reactions
- RT electronegativity
- RT free energy

affirmative action

INIS: 2000-04-12; ETDE: 1980-09-22

Positive action undertaken to overcome under representation of women and minority groups in employment and in post-secondary student bodies, as compared with the composition of the area population.

(Prior to December 1991 this was a valid ETDE descriptor.)

- USE us affirmative action program

affri reactor

2000-04-12

- USE afri reactor

AFGHAN ORGANIZATIONS

2004-03-31

- BT1 national organizations

AFGHANISTAN

- BT1 asia
- BT1 developing countries

aflatoxin

2000-04-12

(Prior to October 1990 this was a valid ETDE descriptor.)

- USE aflatoxins

AFLATOXINS

INIS: 1983-02-03; ETDE: 1984-01-27

- UF *aflatoxin*
- *BT1 mycotoxins
- RT aspergillus
- RT toxicity

afm

INIS: 2000-04-12; ETDE: 1999-09-09

- USE atomic force microscopy

afr storage

INIS: 1980-04-02; ETDE: 1979-05-09

- USE away-from-reactor storage

AFRICA

1997-01-06

- NT1 algeria
- NT1 angola
- NT1 benin
- NT1 botswana
- NT1 burkina faso
- NT1 burundi
- NT1 cameroon
- NT1 central african republic
- NT1 chad
- NT1 congo peoples republic
- NT2 brazzaville
- NT1 cote d'ivoire
- NT1 democratic republic of the congo
- NT2 kinshasa
- NT1 djibouti
- NT1 egyptian arab republic
- NT1 eritrea
- NT1 ethiopia
- NT1 gabon
- NT1 gambia
- NT1 ghana
- NT1 guinea

NT1 guinea-bissau
NT1 kenya
NT1 lesotho
NT1 liberia
NT1 libyan arab jamahiriya
NT1 madagascar
NT2 malagasy republic
NT1 malawi
NT1 mali
NT1 mauritania
NT1 morocco
NT1 mozambique
NT1 namibia
NT1 niger
NT1 nigeria
NT1 republic of seychelles
NT1 rwanda
NT1 senegal
NT1 sierra leone
NT1 somalia
NT1 south africa
NT2 transvaal
NT1 sudan
NT1 swaziland
NT1 togo
NT1 tunisia
NT1 uganda
NT1 united republic of tanzania
NT1 zambia
NT1 zimbabwe
NT2 southern rhodesia
RT arab countries

AFRRI REACTOR

1989-10-24

Armed Forces Radiobiology Research
Institute, Bethesda, Maryland, USA.

UF affri reactor
UF defense atomic support agency triga-mk-f
UF triga-f-dasa reactor
***BT1** isotope production reactors
***BT1** research reactors
***BT1** thermal reactors
***BT1** training reactors
***BT1** triga type reactors

AFSR REACTOR

ANL/INEEL, Idaho, USA.

UF argonne fast source reactor
UF fast source reactor aec
***BT1** air cooled reactors
***BT1** enriched uranium reactors
***BT1** fast reactors
***BT1** research reactors

AFTER-HEAT

Heat derived from residual radioactivity after a reactor has been shut down.

SF decay heat
RT after-heat removal
RT away-from-reactor storage
RT fuel cooling time
RT reactor shutdown
RT residual power
RT spent fuel storage

AFTER-HEAT REMOVAL

UF decay heat removal
UF pahr
UF removal (after-heat)
UF residual-heat removal
UF rhr
BT1 removal
RT after-heat
RT lohrs
RT rhr systems

AFTERBURNERS

INIS: 2000-04-12; ETDE: 1975-11-11

Air pollution control devices for recombustion of gaseous effluents, using a flame, spark ignition, or some other system to ignite the gases.

UF automobile exhaust reactors
UF vapor incinerators
***BT1** pollution control equipment
RT air pollution control
RT automobiles
RT combustion
RT exhaust gases
RT exhaust systems

AFTERGLOW

RT electric discharges
RT phosphorescence

AFTERLOADING

INIS: 1976-08-17; ETDE: 1976-11-01

Method in radiotherapy whereby empty applicators are first positioned and the radiation source inserted automatically after the personnel has withdrawn.

***BT1** radiotherapy
RT internal irradiation
RT irradiation procedures
RT radiation source implants

AFTERSHOCKS

INIS: 2000-04-12; ETDE: 1978-06-14

Earthquakes which follow a larger earthquake and originate at or near the focus of the larger earthquake.

RT earthquakes
RT foreshocks
RT microearthquakes

AFUDC

INIS: 2000-04-12; ETDE: 1978-11-14

UF allowance for funds used during construction
RT accounting
RT construction
RT cwip
RT public utilities
RT regulations

AGAR

***BT1** colloids
***BT1** polysaccharides

AGATA REACTOR

Institute of Nuclear Research, Swierk, Poland.

UF swierk agata reactor
***BT1** beryllium moderated reactors
***BT1** pool type reactors
***BT1** research reactors
***BT1** zero power reactors

AGE DEPENDENCE

RT growth
RT life span
RT menopause
RT ripening

AGE ESTIMATION

UF dating
UF geochronology
NT1 isotope dating
RT archaeology
RT cultural objects
RT fission tracks
RT geologic ages
RT paleontology

AGE GROUPS

1999-01-20

NT1 adolescents
NT1 adults
NT2 aged adults

NT3 elderly people

NT1 children

NT2 infants

RT embryos

RT fetuses

RT juveniles

RT larvae

RT life cycle

RT man

RT neonates

RT populations

RT pupae

AGE HARDENING

BT1 hardening

RT aging

RT precipitation hardening

aged

INIS: 2000-04-12; ETDE: 1978-02-14

USE elderly people

AGED ADULTS

INIS: 1999-01-20; ETDE: 1983-03-07

***BT1** adults

NT1 elderly people

RT life cycle

RT man

agedoite

USE asparagine

agencia brasil-argentina contabil controle mater nuclear

INIS: 1999-06-22; ETDE: 2002-06-06

USE abacc

agesta-r3 reactor

USE agesta reactor

AGESTA REACTOR

Agesta, Stockholm, Sweden.

UF agesta-r3 reactor

UF r-3/adam reactor

***BT1** natural uranium reactors

***BT1** phwr type reactors

***BT1** power reactors

***BT1** process heat reactors

***BT1** thermal reactors

AGGLOMERATING ASH PROCESS

1992-10-16

Process utilizing self-agglomerating fluidized-bed coal burner for producing synthesis gas by steam gasification of coal.

UF agglomerating burner gasification process
***BT1** coal gasification

agglomerating burner gasification process

INIS: 2000-04-12; ETDE: 1976-09-14

USE agglomerating ash process

AGGLOMERATION

1985-12-10

UF aggregation

RT adhesion

RT briquetting

RT caking

RT coalescence

RT compacting

RT crystallization

RT deflocculating agents

RT granulation

RT particle size

RT pelletizing

RT precipitation

RT sintering

agglutination

USE antigen-antibody reactions

AGGLUTININS

1999-01-21

BT1 antibodies

NT1 hemagglutinins

NT2 concanavalin a

NT2 phytohemagglutinin

aggregation

INIS: 1985-12-10; ETDE: 1978-04-27

USE agglomeration

AGING

For biological aging use LIFE CYCLE or LIFE SPAN.

NT1 quench aging

NT1 strain aging

RT age hardening

RT heat treatments

RT weathering

agip nucleare

1996-07-16

(Until July 1996 this was a valid descriptor.)

USE italian organizations

AGN 201 COSTANZA

2018-08-20

Department of nuclear engineering,
University of Palermo, Italy.

*BT1 aerojet-general nucleonics reactors

AGN-201K REACTOR

2019-01-28

Khung Hee University. Yongin, Republic of
Korea.

*BT1 aerojet-general nucleonics reactors

*BT1 zero power reactors

agn reactor series

INIS: 1980-04-02; ETDE: 1980-05-06

USE aerojet-general nucleonics reactors

agr reactor (windscale)

USE wagr reactor

AGR TYPE REACTORS

UF advanced gas cooled graphite
moderated reactor

*BT1 enriched uranium reactors

*BT1 gcr type reactors

NT1 connah quay-b reactor

NT1 dungeness-b reactor

NT1 hartlepool reactor

NT1 heysham-a reactor

NT1 heysham-b reactor

NT1 hinkley point-b reactor

NT1 hunterston-b reactor

NT1 torness reactor

NT1 wagr reactor

RT carbon dioxide cooled reactors

RT power reactors

AGREEMENTS

UF conventions

NT1 indemnification agreements

NT1 international agreements

NT2 atomic energy agreements

NT2 bilateral agreements

NT2 iaea agreements

NT2 multilateral agreements

NT3 bcoclmcnm

NT3 bcolons

NT3 bcstpc

NT3 canare

NT3 cenna

NT3 cppnm

NT3 cscnd

NT3 international convention on
nuclear safety

NT3 kyoto protocol

NT3 lcpmpdpw

NT3 paris agreement

NT3 pcotpl

NT3 rio declaration

NT3 solas convention

NT3 unfccc

NT3 vcoclnd

RT administrative procedures

RT contracts

RT cooperation

RT delivery

RT implementation

RT laws

RT leasing

RT negotiation

RT recommendations

RT regulations

RT third-party use

agricultural cooperatives

INIS: 2000-04-12; ETDE: 1993-07-09

USE agriculture

USE cooperatives

agricultural information system

USE agris

agricultural residues

INIS: 1991-12-11; ETDE: 1980-06-06

USE agricultural wastes

AGRICULTURAL WASTES

INIS: 1991-12-11; ETDE: 1975-10-01

UF agricultural residues

UF corn stover

UF stover

*BT1 organic wastes

NT1 bagasse

NT1 manures

RT agriculture

RT biological wastes

RT straw

AGRICULTURE

UF agricultural cooperatives

NT1 horticulture

RT agricultural wastes

RT agris

RT animal breeding

RT biomass plantations

RT crops

RT cultivation

RT cultivation techniques

RT domestic animals

RT drought resistance

RT ecosystems

RT fao

RT farms

RT fertilizer industry

RT fertilizers

RT food

RT gardening

RT grain disinfestation

RT greenhouses

RT harvesting

RT hydroponic culture

RT irrigation

RT pest control

RT pesticides

RT plants

RT short rotation cultivation

RT silviculture

RT soil chemistry

RT soil conservation

RT soils

RT sterile insect release

RT sterile male technique

agrini event

INIS: 2000-04-12; ETDE: 1986-01-14

(Prior to September 1994, this was a valid
ETDE descriptor.)

USE nuclear explosions

USE underground explosions

AGRIS

UF agricultural information system

BT1 information systems

RT agriculture

RT fao

aguirre-1 reactor

1990-12-05

(Prior to December 1990, this was a valid
descriptor.)

USE north coast-1 reactor

AGUIRRE REACTOR

INIS: 2000-04-12; ETDE: 1976-08-04

Puerto Rico Nuclear Center, Jobos Bay,
Puerto Rico, USA. Relocated and renamed
NORTH COAST-1 REACTOR.

*BT1 pwr type reactors

RT north coast-1 reactor

AHARONOV-BOHM EFFECT

INIS: 1991-09-25; ETDE: 1991-12-05

RT electromagnetic fields

RT gauge invariance

RT magnetic flux

RT phase shift

RT quantum mechanics

ahfr reactor

2000-04-12

USE cp-6 reactor

**AHUACHAPAN GEOTHERMAL
FIELD**

INIS: 1992-06-04; ETDE: 1977-01-28

BT1 geothermal fields

RT el salvador

ai aqueous carbonate process

INIS: 2000-04-12; ETDE: 1977-05-07

Process utilizing aqueous sodium carbonate
solution to sorb sulfur dioxide from power
plant flue gas. Unique design features use of a
spray dryer as an sulfur dioxide scrubber
producing a product suitable for regeneration
and complete reduction of the sodium salts in
a molten pool.

(Prior to March 1994, this was a valid ETDE
descriptor.)

USE desulfurization

AI-L-77 REACTOR

Atomics International/Rockwell International,
Canoga Park, California, USA. Shut down in
1974.

UF atomics international l-77 reactor

UF l-77 atomics international reactor

*BT1 aqueous homogeneous reactors

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 training reactors

aic-144 cyclotron

INIS: 1982-07-22; ETDE: 1982-08-11

USE cracow aic-144 cyclotron

AIDS

INIS: 1986-08-26; ETDE: 1986-03-04

Acquired Immuno-Deficiency Syndrome.

UF acquired immunodeficiency syndrome

*BT1 immune system diseases

*BT1 viral diseases

RT aids virus
 RT epidemiology
 RT immunity
 RT leukocytes
 RT pathogenesis

AIDS VIRUS

INIS: 1986-05-23; ETDE: 1986-11-14

Virus responsible for Acquired Immuno-Deficiency Syndrome.

UF acquired immunodeficiency virus
 UF hiv
 UF htlv iii virus
 UF human immune deficiency virus
 UF lav virus
 *BT1 viruses
 RT aids
 RT immune reactions
 RT immunity

AIPFR REACTOR

Atomics International Div., Rockwell International, Canoga Park, California, USA.

UF atomics international prototype fast reactor
 *BT1 fbr type reactors
 *BT1 power reactors
 *BT1 test reactors

AIR

*BT1 gases
 NT1 compressed air
 NT1 surface air
 RT aeration
 RT aerial monitoring
 RT aerosols
 RT air conditioning
 RT air curtains
 RT air flow
 RT air infiltration
 RT aircraft
 RT breath
 RT carbon dioxide fixation
 RT earth atmosphere
 RT environmental materials
 RT fallout
 RT fuel-air ratio
 RT inhalation
 RT nitrogen fixation
 RT radioactive clouds
 RT respiration
 RT respirators
 RT respiratory system
 RT troposphere
 RT ventilation
 RT wind

AIR-BIOSPHERE INTERACTIONS

INIS: 1992-03-18; ETDE: 1987-02-13

RT air-water interactions
 RT environmental transport
 RT mass transfer
 RT mineral cycling

AIR CLEANING

UF air purification
 BT1 cleaning
 RT air cleaning systems
 RT air conditioning
 RT air filters
 RT building technology suite
 RT electrostatic precipitators
 RT pollution control equipment
 RT scrubbers
 RT ventilation

AIR CLEANING SYSTEMS

INIS: 1992-01-15; ETDE: 1975-08-19

BT1 engineered safety systems
 RT air cleaning
 RT air conditioning

RT air filters
 RT electrostatic precipitators
 RT off-gas systems
 RT pollution control equipment
 RT scrubbers
 RT ventilation
 RT ventilation systems

AIR CONDITIONERS

1993-07-29

NT1 solar air conditioners
 NT2 solar-assisted heat pumps
 RT absorption refrigeration cycle
 RT air conditioning
 RT appliances
 RT coefficient of performance
 RT electric appliances
 RT humidity recovery
 RT refrigerating machinery
 RT space hvac systems
 RT vapor compression refrigeration cycle

AIR CONDITIONING

UF space cooling
 NT1 geothermal air conditioning
 NT1 solar air conditioning
 RT air
 RT air cleaning
 RT air cleaning systems
 RT air conditioners
 RT air source heat pumps
 RT annual cycle energy system
 RT automotive accessories
 RT building technology suite
 RT ceiling fans
 RT cooling
 RT cooling load
 RT degree days
 RT environmental engineering
 RT ground source heat pumps
 RT heating
 RT heating load
 RT humidity control
 RT radiative cooling
 RT refrigerating machinery
 RT temperature control
 RT thermal insulation
 RT ventilation
 RT ventilation systems
 RT water source heat pumps
 RT working conditions

AIR COOLED REACTORS

*BT1 gas cooled reactors
 NT1 afsr reactor
 NT1 bepo reactor
 NT1 bgrr reactor
 NT1 br-1 reactor
 NT1 g-1 reactor
 NT1 gleep reactor
 NT1 harmonie reactor
 NT1 hpr reactor
 NT1 kalpakkam pfr reactor
 NT1 masurca reactor
 NT1 sneak reactor
 NT1 stf reactor
 NT1 tory-2a reactor
 NT1 tory-2c reactor
 NT1 treat reactor
 NT1 windscale production reactors
 NT1 x-10 reactor
 NT1 xma-1 reactor
 NT1 zed-2 reactor

AIR CURTAINS

INIS: 1992-08-24; ETDE: 1979-05-02

Compressed gas flow across openings to serve as thermal barriers.

UF aerowindows
 RT air

RT air infiltration
 RT buildings
 RT curtains
 RT doors
 RT gas flow

AIR CUSHION VEHICLES

INIS: 2000-04-12; ETDE: 1977-08-09

UF ground-effect machines
 UF hovercraft
 UF surface-effect machines
 BT1 vehicles

AIR FILTERS

BT1 filters
 *BT1 pollution control equipment
 RT air cleaning
 RT air cleaning systems
 RT air pollution monitors
 RT scrubbers

AIR FLOW

INIS: 1991-09-18; ETDE: 1981-01-09

*BT1 gas flow
 RT air
 RT air infiltration
 RT atmospheric circulation
 RT ventilation
 RT ventilation systems

air-fuel ratio

INIS: 1992-07-20; ETDE: 1976-07-07

USE fuel-air ratio

AIR HEATERS

1999-01-22

(Until January 1999 this concept was indexed in INIS by AIR and HEATERS.)

UF air preheaters
 BT1 heaters
 NT1 solar air heaters
 RT heat
 RT heating

AIR INFILTRATION

INIS: 1997-06-19; ETDE: 1979-02-23

Air flow into an enclosed space, e.g. a building.

SF caulking
 RT air
 RT air curtains
 RT air flow
 RT airtightness
 RT buildings
 RT energy conservation
 RT gas flow
 RT weatherstripping

AIR POLLUTION

For nonradioactive pollution only; for radioactive pollution use CONTAMINATION.

UF thermal pollution (air)
 BT1 pollution
 NT1 indoor air pollution
 RT acid rain
 RT aerosol wastes
 RT aerosols
 RT air pollution abatement
 RT air pollution control
 RT air pollution monitoring
 RT air quality
 RT aiken nuclei
 RT atmospheric chemistry
 RT clean air acts
 RT environmental exposure
 RT exhaust systems
 RT fly ash
 RT greenhouse gases
 RT long-range transport
 RT mobile pollutant sources
 RT particle resuspension

RT particulates
 RT plumes
 RT point pollutant sources
 RT scrubbers
 RT smog
 RT soot
 RT stationary pollutant sources
 RT temperature inversions
 RT total suspended particulates
 RT washout

AIR POLLUTION ABATEMENT

INIS: 1991-08-07; ETDE: 1976-06-07

The prevention of formation of pollutants at the source.

SF *prevention of significant deterioration*
 SF *psd*
 BT1 pollution abatement
 RT air pollution
 RT air pollution control
 RT carbon neutrality
 RT desulfurization
 RT low-emission vehicles
 RT oxyfuel combustion process
 RT particulates
 RT redd
 RT staged combustion

AIR POLLUTION CONTROL

INIS: 1991-08-07; ETDE: 1977-03-04

The removal or management of pollutants after they are formed by a source.

SF *hitachi zosen process*
 *BT1 pollution control
 NT1 carbon sequestration
 RT afterburners
 RT air pollution
 RT air pollution abatement
 RT baghouses
 RT carbon neutrality
 RT catalytic combustors
 RT catalytic converters
 RT electrostatic precipitators
 RT exhaust recirculation systems
 RT pollution control equipment
 RT scrubbers
 RT selective catalytic reduction

AIR POLLUTION MONITORING

INIS: 1991-08-08; ETDE: 1985-03-12

BT1 monitoring
 NT1 aerosol monitoring
 RT aerosols
 RT air pollution
 RT air pollution monitors
 RT particulates

AIR POLLUTION MONITORS

INIS: 1991-09-18; ETDE: 1976-07-07

UF *monitors (air pollution)*
 *BT1 monitors
 NT1 condensation particle counters
 RT aerosol monitoring
 RT air filters
 RT air pollution monitoring
 RT air samplers
 RT cascade impactors
 RT electrostatic precipitators

air preheaters

1999-01-22

USE air heaters

air purification

USE air cleaning

AIR QUALITY

INIS: 1991-08-07; ETDE: 1976-01-07

BT1 environmental quality
 RT air pollution

RT clean air acts

AIR SAMPLERS

*BT1 samplers
 RT aerosol monitoring
 RT air pollution monitors
 RT cascade impactors
 RT radiation monitors

AIR SOURCE HEAT PUMPS

INIS: 2000-04-12; ETDE: 1979-07-24

BT1 heat pumps
 RT air conditioning
 RT space heating

AIR TRANSPORT

INIS: 1976-12-08; ETDE: 1978-03-08

BT1 transport
 NT1 supersonic transport
 RT aircraft

air wall ionization chambers

USE bragg gray chambers

AIR-WATER INTERACTIONS

INIS: 1983-10-14; ETDE: 1980-08-12

RT air-biosphere interactions
 RT carbon cycle
 RT environmental transport
 RT surface waters
 RT troposphere
 RT water waves

airborne particles

INIS: 1991-08-14; ETDE: 1981-09-08

(Prior to September 1981, this concept in ETDE was indexed to AEROSOLS and PARTICLES.)

USE particulates

airborne particulates

1991-08-14

(Prior to September 1981, this concept in ETDE was indexed to AEROSOLS and PARTICLES.)

USE particulates

AIRCRAFT

(AIRCRAFT COMPONENTS was a valid ETDE descriptor from August 1976 till February 1997; AIRSHIPS was a valid ETDE descriptor from January 1980 until March 1996.)

UF *aircraft components*
 UF *airships*
 UF *dirigibles*
 UF *lighter-than-air craft*
 NT1 airplanes
 NT1 balloons
 NT1 helicopters
 NT1 kites
 NT1 space shuttles
 NT1 unmanned aerial vehicles
 RT aerial monitoring
 RT aerial surveying
 RT aerodynamics
 RT aerospace industry
 RT air
 RT air transport
 RT airfoils
 RT airports
 RT flight testing
 RT navigation
 RT navigational instruments
 RT propulsion systems
 RT supersonic transport

aircraft accidents

USE accidents

aircraft components

INIS: 2000-04-12; ETDE: 1976-08-24

Use a descriptor referring to the component and the descriptor below.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE aircraft

aircraft fuels

2000-04-12

SEE gasoline
 SEE jet engine fuels

AIRCRAFT PROPULSION REACTORS

*BT1 propulsion reactors
 NT1 xma-1 reactor

aircraft shield test reactor

2000-04-12

USE astr reactor

aircraft surveys

INIS: 2000-04-12; ETDE: 1993-07-29

USE aerial monitoring

AIRFOILS

INIS: 1992-08-13; ETDE: 1975-08-19

RT aerodynamics
 RT aircraft

AIRGLOW

UF *dayglow*
 UF *nightglow*
 RT aurorae
 RT earth atmosphere
 RT night sky
 RT noctilucous clouds

AIROX PROCESS

INIS: 1980-07-24; ETDE: 1979-09-26

This method uses simple chemical oxidation and reduction reactions to simultaneously dechlorinate and pulverize spent fuel, release the volatile fission products, and restore the fuel to the proper form for refabrication and recycle. This method is highly proliferation resistant.

UF *atomics international reduction oxidation dry reprocessing*
 *BT1 reprocessing

AIRPLANES

2019-07-22

UF *fixed-wing aircraft*
 BT1 aircraft

AIRPORTS

INIS: 1992-03-11; ETDE: 1975-11-11

RT aircraft
 RT transportation systems

airships

INIS: 2000-04-12; ETDE: 1980-01-15

Propelled and steerable vehicles, dependent on gases for flotation.

(Prior to March 1996, this was a valid ETDE descriptor.)

USE aircraft

AIRTIGHTNESS

INIS: 1993-02-16; ETDE: 1979-02-23

RT air infiltration
 RT buildings
 RT leaks
 RT space heating
 RT ventilation

AIRY FUNCTIONS

BT1 functions
 RT differential equations

AITKEN NUCLEI

INIS: 2000-04-12; ETDE: 1981-01-30
Microscopic particles in the atmosphere associated with atmospheric electrical phenomena.

RT air pollution
RT atmospheric precipitations
RT condensation nuclei

ajman

INIS: 1992-05-07; ETDE: 1976-08-05
USE united arab emirates

akademik lomonosov

2019-06-17
USE akademik lomonosov powership

AKADEMIK LOMONOSOV POWERSHIP

2019-06-17
Floating Power Unit, Pevek, Chukotka region in Russia's Far East.
UF akademik lomonosov
*BT1 offshore nuclear power plants
RT klt-40s reactor

akm muehleberg reactor

USE muehleberg reactor

akm reactor

USE muehleberg reactor

AKR-1 REACTOR

2003-09-16
Technical Univ., Dresden, Federal Republic of Germany.
*BT1 enriched uranium reactors
*BT1 organic moderated reactors
*BT1 solid homogeneous reactors
*BT1 thermal reactors
*BT1 training reactors
*BT1 zero power reactors

akw1 rheinsberg reactor

INIS: 1984-06-21; ETDE: 2002-06-06
USE rheinsberg akw1 reactor

ALABAMA

1997-06-19
*BT1 usa
RT chattahoochee river
RT chattanooga formation
RT tennessee river
RT tennessee valley region
RT us gulf coast

ALAMOSITE

2000-04-12
*BT1 silicate minerals
RT lead silicates

ALANINE-ALPHA

UF aminopropionic acid-alpha
*BT1 alanines
NT1 alanine-l

ALANINE-BETA

UF aminopropionic acid-beta
*BT1 alanines
RT pantothenic acid

ALANINE-L

UF l-alanine
UF l-alanine-alpha
*BT1 alanine-alpha

ALANINES

*BT1 amino acids
NT1 alanine-alpha
NT2 alanine-l
NT1 alanine-beta

alap

INIS: 2000-04-12; ETDE: 1979-11-23
As low as practicable.
SEE radiation protection

ALARA

INIS: 1981-02-27; ETDE: 1981-03-13
All exposures shall be kept As Low As Reasonably Achievable, economic and social factors being taken into account.
UF as low as reasonably achievable
RT icrp
RT optimization
RT radiation doses
RT radiation hazards
RT radiation protection
RT risk assessment
RT safety
RT shielding
RT working conditions

alarm dosemeters

USE radiation monitors

ALARM SYSTEMS

1999-01-25
UF audible alarm
UF warning systems
NT1 intrusion detection systems
NT1 motion detection systems
RT building technology suite
RT fire detectors
RT radiation monitoring
RT radiation monitors
RT reactor components
RT safety engineering
RT smoke detectors

ALASKA

UF alaska river
*BT1 usa
RT alaskan north slope
RT aleutian islands
RT amchitka island area
RT chukchi sea
RT prudhoe bay
RT yukon river

ALASKA GAS PIPELINE

INIS: 2000-04-12; ETDE: 1976-11-17
BT1 pipelines
RT natural gas

ALASKA OIL PIPELINE

INIS: 1992-06-04; ETDE: 1976-11-17
UF transalaska pipeline
BT1 pipelines
RT alaskan north slope
RT permafrost
RT petroleum

ALASKA POWER**ADMINISTRATION**

INIS: 1993-02-19; ETDE: 1980-03-29
UF apa
*BT1 us doe
RT electric power

alaska river

INIS: 2000-04-12; ETDE: 1981-05-18
USE alaska
USE rivers

ALASKAN NORTH SLOPE

INIS: 1992-06-04; ETDE: 1979-12-10
RT alaska
RT alaska oil pipeline
RT permafrost

alaskites

INIS: 1984-11-30; ETDE: 1984-12-27
USE aplites

ALBANIA

BT1 developing countries
*BT1 eastern europe
RT adriatic sea
RT alps
RT centrally planned economies

ALBANIAN ORGANIZATIONS

2004-03-31
BT1 national organizations

ALBEDO

RT illuminance
RT neutron transport theory
RT radiative forcing
RT reflection

ALBEDO-NEUTRON DOSEMETERS

*BT1 dosemeters
RT backscattering
RT neutron dosimetry
RT personnel monitoring

ALBERTA

*BT1 canada
RT athabasca deposit
RT athabasca lake
RT cold lake deposit
RT peace river
RT peace river deposit
RT wabasca deposit

alberta university slowpoke reactor

INIS: 1993-11-03; ETDE: 2002-06-06
USE slowpoke-alberta reactor

albite

INIS: 1984-04-04; ETDE: 1976-11-29
A sodium aluminum silicate mineral; feldspar used as glaze in ceramics.
(Prior to February 1997, this was a valid ETDE descriptor.)
USE feldspars

albumen

USE albumins

ALBUMINS

UF albumen
UF hsa
UF human serum albumin
UF risa
*BT1 proteins
NT1 luciferin
RT albuminuria
RT polyamides

ALBUMINURIA

RT albumins

ALCATOR DEVICE

UF massachusetts institute of technology alcator
*BT1 tokamak devices

ALCOHOL DEHYDROGENASE

INIS: 1993-04-08; ETDE: 1986-04-11
*BT1 hemiacetal dehydrogenases

ALCOHOL FUEL CELLS

1992-05-20
*BT1 fuel cells
NT1 direct ethanol fuel cells
NT1 direct methanol fuel cells

ALCOHOL FUELS

INIS: 1992-05-21; ETDE: 1978-11-14

For pure alcohols, alcohol-water mixtures, or alcohol with additives; for alcohol-gasoline mixtures use GASOHOL.

- *BT1 liquid fuels
- *BT1 synthetic fuels
- NT1 ethanol fuels
- NT1 methanol fuels
- RT alcohols
- RT automotive fuels
- RT gasohol

alcoholates

- USE alkoxides

ALCOHOLS

1996-10-23

- UF alkylates
- UF amino alcohols
- UF batyl alcohol
- UF geraniol
- UF methyl-fuel
- UF octadecyl glyceryl ether-alpha
- *BT1 hydroxy compounds
- NT1 2-methylpropanol
- NT1 benzhydrol
- NT1 benzyl alcohol
- NT1 butanols
- NT1 choline
- NT1 cyclohexanol
- NT1 decanols
- NT1 enols
- NT1 erythritol
- NT1 ethanol
 - NT2 bioethanol
 - NT3 cellulosic ethanol
- NT1 glycerol
- NT1 glycols
 - NT2 butanediols
 - NT2 cellosolves
 - NT2 egta
 - NT2 ethylene glycols
 - NT3 polyethylene glycols
 - NT4 carbowax
 - NT4 pluronics
 - NT2 pinacol
- NT1 hexanols
- NT1 methanol
- NT1 metronidazole
- NT1 misonidazole
- NT1 octanols
- NT1 pentanols
- NT1 propanols
- NT1 pva
- RT alcohol fuels
- RT alkoxides
- RT gasohol

ALDEHYDE-LYASES

INIS: 2000-04-12; ETDE: 1981-01-12

Code number 4.1.2.

- *BT1 carbon-carbon lyases

ALDEHYDES

- UF aldehydo acids
- BT1 organic compounds
- NT1 acetaldehyde
- NT1 acrolein
- NT1 aldosterone
- NT1 arabinose
- NT1 benzaldehyde
- NT1 chloral
- NT1 deoxyribose
- NT1 formaldehyde
- NT1 furfural
- NT1 galactose
- NT1 galacturonic acid
- NT1 glucose
- NT1 glucuronic acid

- NT1 glyoxal
- NT1 glyoxylic acid
- NT1 mannose
- NT1 pyridoxal
- NT1 ribose
- NT1 xylose
- RT hydrazones
- RT imines
- RT lyases
- RT oximes
- RT semicarbazones

aldehydo acids

- USE aldehydes
- USE carboxylic acids

ALDER-WINTER THEORY

2000-04-12

- RT angular distribution

aldermaston reactor merlin

2000-04-12

- USE merlin reactor

aldolase

INIS: 2000-04-12; ETDE: 1981-01-30

Use ALDOLASES for this concept.

(From January 1981 to October 1990, this was a valid ETDE descriptor.)

- USE aldolases

ALDOLASES

(From January 1981 to October 1990 this was an invalid ETDE descriptor and material was indexed to ALDOLASE.)

- UF aldolase
- *BT1 carbon-carbon lyases

ALDOSTERONE

- *BT1 aldehydes
- *BT1 mineralocorticoids
- RT tubules

ALDRIN

INIS: 1976-05-07; ETDE: 1976-08-04

- *BT1 chlorinated aromatic hydrocarbons
- *BT1 insecticides

ALEUTIAN ISLANDS

- BT1 islands
- NT1 amchitka island area
- RT alaska
- RT bering sea
- RT nuclear explosions
- RT pacific ocean

ALFALFA

- *BT1 leguminosae

ALFVEN WAVES

- BT1 hydromagnetic waves
- RT plasma waves

ALGAE

1997-06-19

- BT1 plants
- NT1 chlorophycota
 - NT2 acetabularia
 - NT2 chlamydomonas
 - NT2 chlorella
 - NT2 nitella
 - NT2 scenedesmus
- NT1 chromophycota
 - NT2 diatoms
 - NT2 fucus
 - NT2 laminaria
- NT1 lichens
- NT1 rhodophycota
 - NT2 porphyra
- NT1 ulva
- NT1 unicellular algae
 - NT2 chlamydomonas

- NT2 chlorella
- NT2 euglena
- NT2 scenedesmus
- RT algicides
- RT aquatic organisms
- RT biological fouling
- RT eutrophication
- RT phycobilisomes
- RT phytoplankton

ALGEBRA

- BT1 mathematics
- RT graded lie groups
- RT quantum groups

ALGEBRAIC CURRENTS

- UF currents (algebraic)
- BT1 currents
- NT1 axial-vector currents
- NT1 charged currents
 - NT2 weak charged currents
- NT1 neutral currents
 - NT2 weak neutral currents
- NT1 second-class currents
- NT1 vector currents
- RT current algebra
- RT current commutators
- RT current divergences

ALGEBRAIC FIELD THEORY

INIS: 1977-11-21; ETDE: 1978-03-08

- UF haag-araki field theory
- *BT1 axiomatic field theory

ALGERIA

- BT1 africa
- BT1 arab countries
- BT1 developing countries
- RT oapec
- RT opec

ALGERIAN ORGANIZATIONS

2004-03-31

- BT1 national organizations

ALGICIDES

2013-08-26

- BT1 pesticides
- RT algae

ALGINATES

- RT laminaria

ALGINIC ACID

- *BT1 colloids
- *BT1 polysaccharides
- RT carboxylic acids

ALGOL

- BT1 programming languages

ALGORITHMS

1999-01-25

- BT1 mathematical logic
- NT1 genetic algorithms
- RT adaptive systems
- RT calculation methods
- RT cluster analysis
- RT computer codes
- RT data-flow processing
- RT functions
- RT mathematical evolution
- RT mathematical solutions
- RT mathematics
- RT parallel processing
- RT vector processing

ali

INIS: 1985-04-23; ETDE: 2002-06-06

- USE annual limit of intake

ALICE

- *BT1 magnetic mirrors

ALICE CYCLOTRON

UF orsay alice cyclotron
 *BT1 isochronous cyclotrons

ALICE DETECTOR

2015-10-27
 UF alice experiment
 *BT1 radiation detectors
 RT cern
 RT cern lhc

alice experiment

2015-10-27
 USE alice detector

ALIGNED COUPLING SCHEME

UF stretch model
 RT coupling
 RT deformed nuclei
 RT particle-hole model
 RT projection operators
 RT shell models
 RT slater method

ALIGNMENT

Not for the concept covered by the descriptor
 NUCLEAR ALIGNMENT.
 RT beam optics
 RT positioning

ALIZARIN

UF 1,2-dihydroxyanthraquinone
 UF anthraquinonic acid
 *BT1 anthraquinones
 BT1 dyes
 *BT1 hydroxy compounds
 BT1 reagents

alkali gabbros

INIS: 2000-04-12; ETDE: 1980-08-12
 (Prior to September 1994, this was a valid
 ETDE descriptor.)
 USE plutonic rocks

ALKALI METAL COMPLEXES

1996-07-18
 (Prior to March 1997 FRANCIUM
 COMPLEXES was a valid ETDE descriptor.)
 BT1 complexes
 NT1 cesium complexes
 NT1 francium complexes
 NT1 lithium complexes
 NT1 potassium complexes
 NT1 rubidium complexes
 NT1 sodium complexes

ALKALI METAL COMPOUNDS

NT1 cesium compounds
 NT2 cesium carbides
 NT2 cesium carbonates
 NT2 cesium halides
 NT3 cesium bromides
 NT3 cesium chlorides
 NT3 cesium fluorides
 NT3 cesium iodides
 NT2 cesium hydrides
 NT2 cesium hydroxides
 NT2 cesium nitrates
 NT2 cesium nitrides
 NT2 cesium oxides
 NT2 cesium perchlorates
 NT2 cesium phosphates
 NT2 cesium selenides
 NT2 cesium silicates
 NT2 cesium silicides
 NT2 cesium sulfates
 NT2 cesium sulfides
 NT2 cesium tellurides
 NT2 cesium tungstates
 NT2 cesium uranates
 NT1 francium compounds

NT2 francium halides
 NT3 francium chlorides
 NT1 lithium compounds
 NT2 lithium arsenides
 NT2 lithium borides
 NT2 lithium carbides
 NT2 lithium carbonates
 NT2 lithium halides
 NT3 lithium bromides
 NT3 lithium chlorides
 NT3 lithium fluorides
 NT3 lithium iodides
 NT2 lithium hydrides
 NT3 lithium deuterides
 NT3 lithium tritides
 NT2 lithium hydroxides
 NT2 lithium nitrates
 NT2 lithium nitrides
 NT2 lithium oxides
 NT2 lithium perchlorates
 NT2 lithium phosphates
 NT2 lithium phosphides
 NT2 lithium selenides
 NT2 lithium silicates
 NT2 lithium silicides
 NT2 lithium sulfates
 NT2 lithium sulfides
 NT2 lithium tellurides
 NT2 lithium titanates
 NT2 lithium tungstates
 NT2 lithium uranates
 NT1 potassium compounds
 NT2 potassium borides
 NT2 potassium bromides
 NT2 potassium carbides
 NT2 potassium carbonates
 NT2 potassium chlorides
 NT2 potassium fluorides
 NT2 potassium halides
 NT3 potassium bromides
 NT3 potassium chlorides
 NT3 potassium fluorides
 NT3 potassium iodides
 NT2 potassium hydrides
 NT2 potassium hydroxides
 NT2 potassium iodides
 NT2 potassium nitrates
 NT2 potassium nitrides
 NT2 potassium oxides
 NT2 potassium perchlorates
 NT2 potassium phosphates
 NT2 potassium phosphides
 NT2 potassium selenides
 NT2 potassium silicates
 NT2 potassium silicides
 NT2 potassium sulfates
 NT2 potassium sulfides
 NT2 potassium tellurides
 NT2 potassium tungstates
 NT2 potassium uranates
 NT2 potassium vanadates
 NT2 rochelle salt
 NT1 rubidium compounds
 NT2 rubidium carbides
 NT2 rubidium carbonates
 NT2 rubidium halides
 NT3 rubidium bromides
 NT3 rubidium chlorides
 NT3 rubidium fluorides
 NT3 rubidium iodides
 NT2 rubidium hydrides
 NT2 rubidium hydroxides
 NT2 rubidium nitrates
 NT2 rubidium oxides
 NT2 rubidium perchlorates
 NT2 rubidium phosphates
 NT2 rubidium selenides
 NT2 rubidium silicates
 NT2 rubidium silicides

NT2 rubidium sulfates
 NT2 rubidium sulfides
 NT2 rubidium tellurides
 NT2 rubidium tungstates
 NT2 rubidium uranates
 NT1 sodium compounds
 NT2 borax
 NT2 rochelle salt
 NT2 sodium borides
 NT2 sodium carbides
 NT2 sodium carbonates
 NT2 sodium halides
 NT3 sodium bromides
 NT3 sodium chlorides
 NT3 sodium fluorides
 NT3 sodium iodides
 NT2 sodium hydrides
 NT2 sodium hydroxides
 NT2 sodium nitrates
 NT2 sodium nitrides
 NT2 sodium oxides
 NT3 sodium tungsten bronze
 NT2 sodium perchlorates
 NT2 sodium phosphates
 NT2 sodium phosphides
 NT2 sodium selenides
 NT2 sodium silicates
 NT2 sodium silicides
 NT2 sodium sulfates
 NT2 sodium sulfides
 NT2 sodium tellurides
 NT2 sodium tungstates
 NT2 sodium uranates
 NT2 tiron

alkali metal isotopes

INIS: 2000-04-12; ETDE: 1976-10-13
 Use the descriptor below or one(s) for the
 specific alkali metal isotopes.
 (Prior to February 1997, this was a valid
 ETDE descriptor.)
 USE isotopes

ALKALI METALS

*BT1 metals
 NT1 cesium
 NT1 francium
 NT1 lithium
 NT1 potassium
 NT1 rubidium
 NT1 sodium

ALKALINE EARTH ISOTOPES

INIS: 1999-02-01; ETDE: 1997-03-31
 BT1 isotopes
 NT1 barium isotopes
 NT2 barium 114
 NT2 barium 115
 NT2 barium 116
 NT2 barium 117
 NT2 barium 118
 NT2 barium 119
 NT2 barium 120
 NT2 barium 121
 NT2 barium 122
 NT2 barium 123
 NT2 barium 124
 NT2 barium 125
 NT2 barium 126
 NT2 barium 127
 NT2 barium 128
 NT2 barium 129
 NT2 barium 130
 NT2 barium 131
 NT2 barium 132
 NT2 barium 133
 NT2 barium 134
 NT2 barium 135
 NT2 barium 136
 NT2 barium 137

NT2 barium 138
 NT2 barium 139
 NT2 barium 140
 NT2 barium 141
 NT2 barium 142
 NT2 barium 143
 NT2 barium 144
 NT2 barium 145
 NT2 barium 146
 NT2 barium 147
 NT2 barium 148
 NT2 barium 149
 NT2 barium 150
 NT2 barium 151
 NT2 barium 152
 NT2 barium 153
 NT1 beryllium isotopes
 NT2 beryllium 10
 NT2 beryllium 11
 NT2 beryllium 12
 NT2 beryllium 13
 NT2 beryllium 14
 NT2 beryllium 15
 NT2 beryllium 16
 NT2 beryllium 5
 NT2 beryllium 6
 NT2 beryllium 7
 NT2 beryllium 8
 NT2 beryllium 9
 NT1 calcium isotopes
 NT2 calcium 34
 NT2 calcium 35
 NT2 calcium 36
 NT2 calcium 37
 NT2 calcium 38
 NT2 calcium 39
 NT2 calcium 40
 NT2 calcium 41
 NT2 calcium 42
 NT2 calcium 43
 NT2 calcium 44
 NT2 calcium 45
 NT2 calcium 46
 NT2 calcium 47
 NT2 calcium 48
 NT2 calcium 49
 NT2 calcium 50
 NT2 calcium 51
 NT2 calcium 52
 NT2 calcium 53
 NT2 calcium 54
 NT2 calcium 55
 NT2 calcium 56
 NT2 calcium 57
 NT2 calcium 58
 NT2 calcium 60
 NT1 magnesium isotopes
 NT2 magnesium 19
 NT2 magnesium 20
 NT2 magnesium 21
 NT2 magnesium 22
 NT2 magnesium 23
 NT2 magnesium 24
 NT2 magnesium 25
 NT2 magnesium 26
 NT2 magnesium 27
 NT2 magnesium 28
 NT2 magnesium 29
 NT2 magnesium 30
 NT2 magnesium 31
 NT2 magnesium 32
 NT2 magnesium 33
 NT2 magnesium 34
 NT2 magnesium 35
 NT2 magnesium 36
 NT2 magnesium 37
 NT2 magnesium 38
 NT2 magnesium 39
 NT2 magnesium 40

NT1 radium isotopes
 NT2 radium 201
 NT2 radium 202
 NT2 radium 203
 NT2 radium 204
 NT2 radium 205
 NT2 radium 206
 NT2 radium 207
 NT2 radium 208
 NT2 radium 209
 NT2 radium 210
 NT2 radium 211
 NT2 radium 212
 NT2 radium 213
 NT2 radium 214
 NT2 radium 215
 NT2 radium 216
 NT2 radium 217
 NT2 radium 218
 NT2 radium 219
 NT2 radium 220
 NT2 radium 221
 NT2 radium 222
 NT2 radium 223
 NT2 radium 224
 NT2 radium 225
 NT2 radium 226
 NT2 radium 227
 NT2 radium 228
 NT2 radium 229
 NT2 radium 230
 NT2 radium 231
 NT2 radium 232
 NT2 radium 233
 NT2 radium 234
 NT1 strontium isotopes
 NT2 strontium 100
 NT2 strontium 101
 NT2 strontium 102
 NT2 strontium 103
 NT2 strontium 104
 NT2 strontium 105
 NT2 strontium 73
 NT2 strontium 74
 NT2 strontium 75
 NT2 strontium 76
 NT2 strontium 77
 NT2 strontium 78
 NT2 strontium 79
 NT2 strontium 80
 NT2 strontium 81
 NT2 strontium 82
 NT2 strontium 83
 NT2 strontium 84
 NT2 strontium 85
 NT2 strontium 86
 NT2 strontium 87
 NT2 strontium 88
 NT2 strontium 89
 NT2 strontium 90
 NT2 strontium 91
 NT2 strontium 92
 NT2 strontium 93
 NT2 strontium 94
 NT2 strontium 95
 NT2 strontium 96
 NT2 strontium 97
 NT2 strontium 98
 NT2 strontium 99

ALKALINE EARTH METAL COMPLEXES

BT1 complexes
 NT1 barium complexes
 NT1 beryllium complexes
 NT1 calcium complexes
 NT1 magnesium complexes
 NT1 radium complexes
 NT1 strontium complexes

ALKALINE EARTH METAL COMPOUNDS

NT1 barium compounds
 NT2 barium borides
 NT2 barium carbides
 NT2 barium carbonates
 NT2 barium halides
 NT3 barium bromides
 NT3 barium chlorides
 NT3 barium fluorides
 NT3 barium iodides
 NT2 barium hydrides
 NT2 barium hydroxides
 NT2 barium nitrates
 NT2 barium nitrides
 NT2 barium oxides
 NT2 barium perchlorates
 NT2 barium phosphates
 NT2 barium silicates
 NT2 barium sulfates
 NT2 barium sulfides
 NT2 barium tungstates
 NT1 beryllium compounds
 NT2 beryllium borides
 NT2 beryllium carbides
 NT2 beryllium carbonates
 NT2 beryllium halides
 NT3 beryllium bromides
 NT3 beryllium chlorides
 NT3 beryllium fluorides
 NT3 beryllium iodides
 NT2 beryllium hydrides
 NT2 beryllium hydroxides
 NT2 beryllium nitrates
 NT2 beryllium nitrides
 NT2 beryllium oxides
 NT2 beryllium phosphates
 NT2 beryllium phosphides
 NT2 beryllium selenides
 NT2 beryllium silicates
 NT2 beryllium sulfates
 NT2 beryllium sulfides
 NT2 beryllium tellurides
 NT1 calcium compounds
 NT2 calcium borides
 NT2 calcium carbides
 NT2 calcium carbonates
 NT2 calcium halides
 NT3 calcium bromides
 NT3 calcium chlorides
 NT3 calcium fluorides
 NT3 calcium iodides
 NT2 calcium hydrides
 NT2 calcium hydroxides
 NT2 calcium nitrates
 NT2 calcium nitrides
 NT2 calcium oxides
 NT2 calcium perchlorates
 NT2 calcium phosphates
 NT2 calcium silicates
 NT2 calcium silicides
 NT2 calcium sulfates
 NT2 calcium sulfides
 NT2 calcium tungstates
 NT1 magnesium compounds
 NT2 grignard reagents
 NT2 magnesium arsenides
 NT2 magnesium borides
 NT2 magnesium carbides
 NT2 magnesium carbonates
 NT2 magnesium halides
 NT3 magnesium bromides
 NT3 magnesium chlorides
 NT3 magnesium fluorides
 NT3 magnesium iodides
 NT2 magnesium hydrides
 NT2 magnesium hydroxides
 NT2 magnesium nitrates
 NT2 magnesium nitrides

NT2 magnesium oxides
 NT2 magnesium perchlorates
 NT2 magnesium phosphates
 NT2 magnesium silicates
 NT2 magnesium silicides
 NT2 magnesium sulfates
 NT2 magnesium sulfides
 NT2 magnesium tellurides
 NT1 radium compounds
 NT2 radium carbonates
 NT2 radium halides
 NT3 radium bromides
 NT3 radium chlorides
 NT3 radium fluorides
 NT2 radium nitrates
 NT2 radium nitrides
 NT2 radium oxides
 NT2 radium silicates
 NT2 radium sulfates
 NT1 strontium compounds
 NT2 strontium borides
 NT2 strontium carbides
 NT2 strontium carbonates
 NT2 strontium halides
 NT3 strontium bromides
 NT3 strontium chlorides
 NT3 strontium fluorides
 NT3 strontium iodides
 NT2 strontium hydrides
 NT2 strontium hydroxides
 NT2 strontium nitrates
 NT2 strontium oxides
 NT2 strontium perchlorates
 NT2 strontium phosphates
 NT2 strontium silicates
 NT2 strontium sulfates
 NT2 strontium sulfides
 NT2 strontium titanates
 NT2 strontium tungstates
 NT2 strontium uranates

ALKALINE EARTH METALS

*BT1 metals
 NT1 barium
 NT1 beryllium
 NT1 calcium
 NT1 magnesium
 NT1 radium
 NT1 strontium

ALKALINE ELECTROLYTE FUEL CELLS

INIS: 2000-04-12; ETDE: 1989-04-12
 *BT1 fuel cells

alkaline flooding

INIS: 2000-04-12; ETDE: 1981-07-06
 USE caustic flooding

ALKALINE HYDROLYSIS

INIS: 1999-03-10; ETDE: 1980-01-15
 *BT1 hydrolysis
 RT acid hydrolysis
 RT enzymatic hydrolysis

ALKALINE PHOSPHATASE

Code number 3.1.3.1.
 *BT1 phosphatases

alkalinity

INIS: 2000-04-12; ETDE: 1984-08-06
 USE acid neutralizing capacity

alkalis (hydroxides)

INIS: 2000-04-12; ETDE: 1979-06-06
 USE hydroxides

ALKALIZED ALUMINA PROCESS

INIS: 2000-04-12; ETDE: 1977-12-22
SOX is adsorbed on alkalized alumina, the spent adsorbent regenerated at 1200 degrees F with producer gas.
 *BT1 desulfurization
 RT waste processing

ALKALOIDS

1996-07-18
 (CODEINONE, CINCHONINE, and HYOSCYAMINE have been valid ETDE descriptors.)

UF cinchonine
 UF codeinone
 UF hyoscyamine
 BT1 organic compounds
 NT1 atropine
 NT1 cocaine
 NT1 codeine
 NT1 colchicine
 NT1 ephedrine
 NT1 ergotamine
 NT1 eserine
 NT1 lysergic acid
 NT1 morphine
 NT2 thebaine
 NT1 nicotine
 NT1 oncovin
 NT1 pilocarpine
 NT1 quinine
 NT1 reserpine
 NT1 strychnine
 NT1 vinblastine
 RT medicinal plants
 RT plants

ALKANES

UF paraffins
 *BT1 hydrocarbons
 NT1 2-2-dimethylpropane
 NT1 2-methylbutane
 NT1 2-methylpropane
 NT1 butane
 NT1 cycloalkanes
 NT2 cyclohexane
 NT2 decalin
 NT1 decane
 NT1 dodecane
 NT1 ethane
 NT1 heptane
 NT1 hexadecane
 NT1 hexane
 NT1 methane
 NT1 octane
 NT1 paraffin
 NT1 pentane
 NT1 propane
 NT1 squalane

alkanoic acids

USE carboxylic acids

alkazid process

2000-04-12
Process for the selective absorption of hydrogen sulfide and for the simultaneous removal of hydrogen sulfide and carbon dioxide at atmospheric or higher pressures.
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE desulfurization

ALKENES

UF olefins
 *BT1 hydrocarbons
 NT1 2-methylpropene
 NT1 butenes
 NT1 cycloalkenes
 NT2 cyclopentadiene

NT2 norbornadiene
 NT2 quadricyclene
 NT1 ethylene
 NT1 heptenes
 NT1 hexenes
 NT1 octenes
 NT1 pentenes
 NT1 propylene
 RT polyenes

alkenoic acids

USE carboxylic acids

alkines

USE alkynes

ALKOXIDES

INIS: 1982-02-10; ETDE: 1981-08-04
A group of compounds in which a hydrogen atom of an alcohol or phenol hydroxide group is replaced by a metal.
 UF alcohols
 RT alcohols
 RT phenols

ALKOXY RADICALS

BT1 radicals
 NT1 butoxy radicals
 NT1 ethoxy radicals
 NT1 methoxy radicals

ALKYL BENZENESULFONATES

ETDE: 2005-01-28
 (Prior to January 2005 ABS was used for this concept.)
 UF abs (alkyl benzenesulfonates)
 *BT1 sulfonic acid esters

ALKYL RADICALS

1996-07-18
 (Prior to March 1997 NONYL RADICALS was a valid ETDE descriptor.)
 UF nonyl radicals
 BT1 radicals
 NT1 allyl radicals
 NT1 butyl radicals
 NT1 dodecyl radicals
 NT1 ethyl radicals
 NT1 heptyl radicals
 NT1 hexyl radicals
 NT1 isobutyl radicals
 NT1 isopropyl radicals
 NT1 methyl radicals
 NT1 octyl radicals
 NT1 pentyl radicals
 NT1 propargyl radicals
 NT1 propyl radicals
 NT1 vinyl radicals
 RT alkylation

ALKYLATED AROMATICS

INIS: 1993-02-18; ETDE: 1984-07-20
Aromatic compounds which have one or more alkyl side chains, including isomers and mixtures.
 UF alkylbenzenes
 *BT1 aromatics
 NT1 cumene
 NT1 cymene
 NT1 durene
 NT1 mesitylene
 NT1 methylnaphthalenes
 NT1 styrene
 NT1 toluene
 NT1 xylenes
 NT2 xylene-para

alkylates

USE alcohols

ALKYLATING AGENTS

1999-01-25

- UF *mannomustine*
- UF *tem (triethylenemelamine)*
- UF *tretamine*
- UF *triethylenemelamine*
- NT1 *endoxan*
- NT1 *myleran*
- NT1 *nitrogen mustard*
- RT *alkylation*
- RT *antimetabolites*
- RT *antimitotic drugs*
- RT *antineoplastic drugs*
- RT *chemosterilants*

ALKYLATION

- BT1 *chemical reactions*
- RT *alkyl radicals*
- RT *alkylating agents*

alkylbenzenes

2017-04-21

- USE *alkylated aromatics*

alkylmagnesium compounds

- USE *grignard reagents*

ALKYNES

- UF *acetylenes*
- UF *alkines*
- *BT1 *hydrocarbons*
- NT1 *acetylene*
- NT1 *cycloalkynes*
- NT1 *propyne*

ALLANITE

1996-11-13

(Prior to March 1997 ORTHITE was a valid ETDE descriptor.)

- UF *orthite*
- *BT1 *silicate minerals*
- *BT1 *thorium minerals*
- RT *thorium silicates*

ALLANTOIN

- *BT1 *imidazoles*
- *BT1 *organic oxygen compounds*
- RT *urea*

ALLEGHENY RIVER

- *BT1 *rivers*
- RT *new york*
- RT *pennsylvania*

ALLENE

- UF *propadiene*
- *BT1 *dienes*

ALLENS CREEK-1 REACTOR

Houston Lighting and Power Co., Wallis, Texas, USA. Canceled in 1982 before construction began.

- *BT1 *bwr type reactors*

ALLENS CREEK-2 REACTOR

Houston Lighting and Power Co., Wallis, Texas, USA. Canceled in 1982 before construction began.

- *BT1 *bwr type reactors*

ALLERGY

- BT1 *pathological changes*
- RT *anaphylaxis*
- RT *antihistaminics*
- RT *eczema*
- RT *histamine*
- RT *immune system diseases*
- RT *immunity*

ALLIGATORS

INIS: 2000-04-12; ETDE: 1977-03-04

- *BT1 *reptiles*

ALLIUM CEPA

- *BT1 *onions*

ALLIUM SATIVUM

1992-09-09

- *BT1 *liliopsida*
- RT *bulbs*
- RT *garlic*

ALLOCATIONS

1985-12-10

- UF *assignments*
- UF *curtailments*
- UF *rationing*
- RT *availability*
- RT *budgets*
- RT *distribution*
- RT *economic policy*
- RT *emissions trading*
- RT *energy policy*
- RT *entitlements program*
- RT *management*
- RT *planning*
- RT *shortages*

ALLOTROPY

See also descriptors for specific allotropic forms, e.g., HELIUM I, IRON-ALPHA, and URANIUM-BETA.

- RT *crystal structure*
- RT *phase diagrams*
- RT *phase transformations*

allowance for funds used during construction

INIS: 2000-04-12; ETDE: 1978-11-14

- USE *afudc*

ALLOXAN

- *BT1 *organic oxygen compounds*
- *BT1 *pyrimidines*

alloy-0kh12n13m

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

- SEE *chromium alloys*
- SEE *iron base alloys*

alloy-1915

INIS: 2000-04-12; ETDE: 1979-05-29

(Prior to 1989 this was a valid ETDE descriptor.)

- USE *aluminium base alloys*

alloy-214x

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

- USE *aluminium base alloys*

alloy-50kh4n6g12f2v

INIS: 2000-04-12; ETDE: 1979-06-21

(Prior to 1989 this was a valid ETDE descriptor.)

- USE *chromium alloys*

alloy-600 (inconel)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *inconel 600*

alloy-601 (inconel)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *alloy-ni61cr23fe14*

alloy-60t

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

- USE *titanium base alloys*

alloy-617 (inconel)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *inconel 617*

alloy-625 (inconel)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *inconel 625*

alloy-671 (inconel)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *inconel 671*

alloy-690 (inconel)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *inconel 690*

alloy-706 (inconel)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *inconel 706*

alloy-713-lc

2000-03-24

(Prior to July 1981 this was a valid term, and older information is so indexed.)

- USE *inconel 713lc*

alloy-713lc (inconel)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *inconel 713lc*

alloy-79nm

INIS: 1996-11-13; ETDE: 1979-05-29

(Prior to 1989 this was a valid ETDE descriptor.)

- USE *nickel base alloys*

alloy 800

INIS: 2000-04-12; ETDE: 1978-09-11

- USE *incoloy 800*

alloy 800h

INIS: 2000-04-12; ETDE: 1982-02-23

- USE *incoloy 800h*

alloy-800h (incoloy)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *incoloy 800h*

alloy-802 (incoloy)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *incoloy 802*

alloy-82 (inconel)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *inconel 82*

alloy-825 (incoloy)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *incoloy 825*

alloy-901 (incoloy)

INIS: 1990-06-25; ETDE: 2002-06-06

- USE *incoloy 901*

ALLOY-A-286

1993-10-03

- *BT1 *steel-ni26cr15ti2mova1b*

ALLOY-AL95CU4

1983-11-07

- *BT1 *aluminium base alloys*
- *BT1 *copper alloys*
- *BT1 *iron additions*
- *BT1 *magnesium additions*
- *BT1 *manganese additions*
- *BT1 *silicon additions*
- NT1 *duralumin*

ALLOY-B-1900

2000-04-12

- *BT1 *aluminium alloys*
- *BT1 *chromium alloys*
- *BT1 *cobalt alloys*

- *BT1 molybdenum alloys
- *BT1 nickel base alloys
- *BT1 tantalum alloys
- *BT1 titanium alloys

alloy-b-66

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

USE niobium base alloys

alloy-b-88

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

USE niobium base alloys

ALLOY-BI50PB25CD12SN12

1983-11-07

- *BT1 bismuth base alloys
- *BT1 cadmium alloys
- *BT1 lead alloys
- *BT1 tin alloys
- NT1 wood metal

ALLOY-C-103

2000-04-12

- *BT1 hafnium alloys
- *BT1 niobium base alloys
- *BT1 tantalum alloys
- *BT1 titanium alloys
- *BT1 tungsten alloys
- *BT1 yttrium alloys
- *BT1 zirconium alloys

alloy-c-129y

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

USE niobium base alloys

alloy-cb-1

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

USE niobium base alloys

alloy-cb-752

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

USE niobium base alloys

alloy-ck-20

1983-11-07

USE steel-cr25ni20

ALLOY-CO36CR22NI22W15FE3

1983-11-07

- *BT1 chromium alloys
- *BT1 corrosion resistant alloys
- *BT1 haynes alloys
- *BT1 heat resisting alloys
- *BT1 iron alloys
- *BT1 lanthanum additions
- *BT1 nickel alloys
- *BT1 tungsten alloys
- NT1 haynes 188 alloy

ALLOY-CO43CR20FE18NI13W3

INIS: 1983-11-07; ETDE: 1984-01-27

- *BT1 carbon additions
- *BT1 chromium alloys
- *BT1 cobalt base alloys
- *BT1 iron alloys
- *BT1 manganese alloys
- *BT1 molybdenum alloys
- *BT1 nickel alloys
- *BT1 tungsten alloys
- NT1 havar

ALLOY-CO50FE50

1983-11-07

- *BT1 cobalt base alloys
- *BT1 iron base alloys
- NT1 permendur

alloy-co52cr17fe15mo3si3

1983-11-07

USE cobalt base alloys

ALLOY-CO52FE35V10

INIS: 1997-01-28; ETDE: 1983-11-23

- *BT1 cobalt base alloys
- *BT1 iron alloys
- *BT1 vanadium alloys

alloy-co52fe35v13

INIS: 1996-07-16; ETDE: 1983-11-23

(Until July 1996 this was a valid descriptor.)

- USE cobalt base alloys
- USE iron alloys
- USE vanadium alloys

ALLOY-CO54CR20W15NI10

1983-11-07

- *BT1 chromium alloys
- *BT1 corrosion resistant alloys
- *BT1 haynes alloys
- *BT1 heat resisting alloys
- *BT1 iron alloys
- *BT1 nickel alloys
- *BT1 stellite
- *BT1 tungsten alloys
- NT1 alloy-hs-25
- NT1 haynes 25 alloy

ALLOY-CO60CR30W4

INIS: 1996-11-13; ETDE: 1983-11-22

(From 1974 till March 1997 HAYNES STELLITE 6B was a valid ETDE descriptor.)

- UF haynes stellite 6b
- *BT1 chromium alloys
- *BT1 corrosion resistant alloys
- *BT1 haynes alloys
- *BT1 heat resisting alloys
- *BT1 iron alloys
- *BT1 nickel alloys
- *BT1 stellite
- *BT1 tungsten alloys
- NT1 stellite 6

alloy-co62cr28mo6ni3

INIS: 1997-01-28; ETDE: 1983-11-19

(Prior to September 1996 this was a valid ETDE descriptor.)

- USE haynes alloys
- USE stellite

alloy-co64cr29w4

INIS: 1996-07-17; ETDE: 1983-11-23

(Prior to August 1996 this was a valid ETDE descriptor. From October 1978 till August 1996 STELLITE 156 was also a valid ETDE descriptor.)

- USE chromium alloys
- USE stellite
- USE tungsten alloys

alloy-co66cr26w6

INIS: 1997-01-28; ETDE: 1984-07-10

(Until October 1996 this was a valid descriptor.)

- USE chromium alloys
- USE stellite
- USE tungsten alloys

ALLOY-CU52NI47

1983-11-07

- *BT1 copper base alloys
- *BT1 nickel alloys
- NT1 constantan

ALLOY-CU70NI30

INIS: 1992-03-09; ETDE: 1994-08-10

*BT1 copper base alloys

ALLOY-CU90NI10

INIS: 1992-03-09; ETDE: 1994-08-10

*BT1 copper base alloys

alloy-d-43

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

USE niobium base alloys

ALLOY-D-9

INIS: 1993-10-03; ETDE: 1984-08-06

*BT1 chromium-nickel steels

ALLOY-D-979

2000-04-12

- *BT1 aluminium alloys
- *BT1 chromium alloys
- *BT1 heat resisting alloys
- *BT1 molybdenum alloys
- *BT1 nickel alloys
- *BT1 titanium alloys
- *BT1 tungsten alloys

alloy-dh-245

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

USE niobium base alloys

alloy-ehi 183

ETDE: 1979-05-29

USE steel-cr17ni13mo3ti

alloy-ehi 397

ETDE: 1979-05-29

USE steel-cr17ni13mo3ti

alloy-ehi 432

ETDE: 1979-05-29

USE steel-cr17ni13mo3ti

alloy-ehi 437b

1983-11-07

(Prior to March 1989 this was a valid ETDE descriptor.)

USE alloy-ni77cr20ti2

alloy-ehi 702

INIS: 2000-03-24; ETDE: 1979-05-29

SEE alloy-ni77cr20ti2

SEE steel-ni36cr12ti3al-l

alloy-ehi 826

1996-11-27

(Prior to February 1989 this was a valid ETDE descriptor; from then till March 1997 ALLOY-NI68CR15W6AL3MO3FE2 was used for this concept in ETDE.)

USE nickel base alloys

alloy-ehi 868

INIS: 1996-11-13; ETDE: 1979-05-29

(Prior to March 1989 this was a valid ETDE descriptor; from then till March 1997 ALLOY-NI60CR25W15 was used for this concept.)

- USE chromium alloys
- USE nickel base alloys
- USE tungsten alloys

alloy-ehp-199

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to March 1989 this was a valid ETDE descriptor; from then till March 1997

ALLOY-NI56CR21W10MO5FE4AL2 was used for this concept.)

USE nickel base alloys

alloy-ehp-496*INIS: 2000-04-12; ETDE: 1979-05-29*

USE iron alloys
 USE molybdenum alloys
 USE nickel base alloys
 USE vanadium alloys

alloy-ehp-567

INIS: 2000-04-12; ETDE: 1979-05-29
 (Prior to March 1989 this was a valid ETDE descriptor; from then till March 1997 ALLOY-NI65MO16CR15W4 was used for this concept.)

USE chromium alloys
 USE molybdenum alloys
 USE nickel base alloys
 USE tungsten alloys

alloy-fe31cr21co20ni20mo3w2

INIS: 1997-01-28; ETDE: 1983-11-19
 (Until October 1996 this was a valid descriptor.)

USE iron base alloys

alloy-fe36ni33cr26

INIS: 1997-01-28; ETDE: 1983-11-22
 (Until October 1996 this was a valid descriptor.)

USE iron base alloys

ALLOY-FE40NI35CR22*INIS: 1997-01-28; ETDE: 1983-11-22*

*BT1 chromium alloys
 *BT1 iron base alloys
 *BT1 manganese additions
 *BT1 nickel alloys
 *BT1 silicon additions

ALLOY-FE44NI33CR21*1983-11-07*

*BT1 aluminium additions
 *BT1 chromium alloys
 *BT1 cobalt alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 incoloy alloys
 *BT1 iron base alloys
 *BT1 nickel alloys
 *BT1 titanium additions
 NT1 incoloy 800h

ALLOY-FE46NI33CR21

INIS: 1996-07-23; ETDE: 1983-11-22
 (From December 1978 till March 1997 SANICRO 30 was a valid ETDE descriptor.)

UF *sanicro 30*
 *BT1 aluminium additions
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 incoloy alloys
 *BT1 iron base alloys
 *BT1 nickel alloys
 *BT1 titanium additions
 NT1 incoloy 800
 NT1 incoloy 802

alloy-fe48cr24ni24

INIS: 1997-01-28; ETDE: 1983-11-19
 (Until October 1996 this was a valid descriptor.)

USE chromium alloys
 USE iron base alloys
 USE nickel alloys
 USE niobium alloys

ALLOY-FE53NI29CO18*1983-11-07*

*BT1 cobalt alloys
 *BT1 iron base alloys
 *BT1 manganese additions

*BT1 nickel alloys

NT1 kovar

alloy-fs-85*2000-04-12*

(Prior to 1989 this was a valid ETDE descriptor.)

USE niobium base alloys

alloy-ge*2000-04-12*

(Prior to 1989 this was a valid ETDE descriptor.)

USE copper alloys
 USE silver alloys

alloy-gmr-235*2000-04-12*

(Prior to 1989 this was a valid ETDE descriptor.)

USE nickel base alloys

alloy-hd-556*INIS: 1997-01-28; ETDE: 1979-08-09*

(Until October 1996 this was a valid descriptor.)

USE iron base alloys

alloy-hd-8077*INIS: 2000-04-12; ETDE: 1979-08-09*

USE nickel base alloys

ALLOY-HK-40*INIS: 1993-10-03; ETDE: 1979-08-09*

*BT1 steel-cr25ni20

alloy-hs-21*1996-09-12*

(Until July 1996 this was a valid descriptor.)

USE haynes alloys
 USE stellite

ALLOY-HS-25*1993-10-03*

*BT1 alloy-co54cr20w15ni10

ALLOY-HS-31*2000-04-12*

UF *alloy-x-40*
 UF *x 40 (alloy)*
 *BT1 carbon additions
 *BT1 iron alloys
 *BT1 manganese additions
 *BT1 nickel alloys
 *BT1 silicon additions
 *BT1 stellite

alloy-hs-6*INIS: 2000-04-12; ETDE: 1979-01-30*

USE stellite 6

ALLOY-HT-9*INIS: 1993-10-03; ETDE: 1978-02-15*

*BT1 steel-cr12mov

ALLOY-IN-100*1993-10-03*

*BT1 alloy-ni60co15cr10al6ti5mo3

ALLOY-IN-102*2000-04-12*

*BT1 aluminium additions
 *BT1 boron additions
 *BT1 carbon additions
 *BT1 chromium alloys
 *BT1 iron alloys
 *BT1 molybdenum alloys
 *BT1 nickel base alloys
 *BT1 niobium alloys
 *BT1 titanium additions
 *BT1 tungsten alloys
 *BT1 zirconium additions

alloy-in-519

INIS: 1997-01-28; ETDE: 1979-08-09
 (Until October 1996 this was a valid descriptor.)

USE chromium alloys
 USE iron base alloys
 USE nickel alloys
 USE niobium alloys

alloy-in-643

INIS: 1996-07-17; ETDE: 1979-10-23
 (Until July 1996 this was a valid descriptor.)

USE inconel alloys

ALLOY-IN-738*INIS: 1993-10-03; ETDE: 1980-03-29*

*BT1 alloy-ni61cr16co9al3ti3w3

ALLOY-IN-853*2000-04-12*

UF *inconel ma 753*
 *BT1 aluminium alloys
 *BT1 nickel base alloys
 *BT1 titanium alloys
 *BT1 yttrium oxides

ALLOY-IN-939*INIS: 1993-10-03; ETDE: 1982-02-11*

*BT1 alloy-ni46cr23co19ti5al4

alloy-kh20n80*1983-11-07*

(Prior to March 1989 this was a valid ETDE descriptor.)

USE alloy-ni80cr20

alloy-kh20n80t*2000-04-12*

(Prior to 1989 this was a valid ETDE descriptor.)

USE nickel base alloys

ALLOY-KHN50MBVYU*INIS: 2000-04-12; ETDE: 1979-06-21*

*BT1 aluminium alloys
 *BT1 chromium alloys
 *BT1 iron alloys
 *BT1 molybdenum alloys
 *BT1 niobium alloys
 *BT1 tungsten alloys

alloy-khn56vmtyu

INIS: 1996-11-13; ETDE: 2002-06-06
 USE nickel base alloys

alloy-khn60b*INIS: 2000-04-12; ETDE: 1979-05-29*

(Prior to March 1989 this was a valid ETDE descriptor; from then till March 1997 ALLOY-NI60CR25W15 was used for this concept.)

USE chromium alloys
 USE nickel base alloys
 USE tungsten alloys

alloy-khn60v*INIS: 1996-11-13; ETDE: 1979-05-29*

(Prior to November 1983 ALLOY-EHI 868 was used for this concept in ETDE; from November 1983 till March 1997 ALLOY-NI60CR25W15 was used.)

USE chromium alloys
 USE nickel base alloys
 USE tungsten alloys

alloy-khn60vt*INIS: 1996-11-13; ETDE: 2002-06-06*

USE nickel base alloys

alloy-khn67vmtyu

INIS: 1996-11-13; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor; from then till March 1997 ALLOY-NI67CR19MO5W5TI3 was used for this concept in ETDE.)
USE nickel base alloys

alloy-khn77tyu

INIS: 2000-04-12; ETDE: 1979-05-29
USE nickel base alloys

alloy-khn77tyur

USE alloy-ni77cr20ti2

alloy-khn78t

1983-11-07
USE alloy-ni78cr21

alloy-l-605

2000-04-12
(Prior to 1989 this was a valid ETDE descriptor.)
USE cobalt base alloys

alloy-m-252

2000-04-12
(Prior to 1989 this was a valid ETDE descriptor.)
USE nickel base alloys

ALLOY-M-813

INIS: 2000-04-12; ETDE: 1977-07-23
*BT1 aluminium alloys
*BT1 chromium-nickel-molybdenum steels
*BT1 titanium alloys

alloy-ma-754

INIS: 2000-04-12; ETDE: 1979-08-09
USE nickel base alloys

alloy-ma-956

INIS: 2000-04-12; ETDE: 1979-08-09
USE iron base alloys

ALLOY-MAR-M246

2000-04-12
*BT1 aluminium alloys
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 molybdenum alloys
*BT1 nickel base alloys
*BT1 tantalum alloys
*BT1 titanium alloys
*BT1 tungsten alloys

alloy-mm-0011

INIS: 2000-04-12; ETDE: 1978-12-20
USE nickel base alloys

ALLOY-MN-21

INIS: 2000-04-12; ETDE: 1978-12-20
UF mn-21
*BT1 aluminium alloys
*BT1 chromium alloys
*BT1 molybdenum alloys
*BT1 nickel base alloys
*BT1 niobium alloys
*BT1 tungsten alloys

ALLOY-MO-RE-1

INIS: 2000-04-12; ETDE: 1979-08-09
UF mo-re 1
*BT1 chromium alloys
*BT1 iron alloys
*BT1 manganese alloys
*BT1 nickel alloys
*BT1 silicon alloys
*BT1 tungsten alloys

ALLOY-MO-RE-2

INIS: 2000-04-12; ETDE: 1979-10-23
UF mo-re 2
*BT1 chromium base alloys
*BT1 nickel base alloys
*BT1 tungsten base alloys

ALLOY-MO99

1983-11-07
UF alloy-vm-1
UF tzm
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 molybdenum base alloys
*BT1 titanium additions
*BT1 zirconium additions
NT1 alloy-tzm
NT1 alloy-zm-2a

ALLOY-MO99B

INIS: 1983-11-07; ETDE: 1984-01-27
UF alloy-tsm6
*BT1 boron additions
*BT1 molybdenum base alloys
*BT1 zirconium additions

ALLOY-MP35N

INIS: 2000-04-12; ETDE: 1979-01-30
UF mp35n
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 molybdenum alloys
*BT1 nickel alloys

ALLOY-N-10M

2000-04-12
*BT1 carbon additions
*BT1 heat resisting alloys
*BT1 molybdenum alloys
*BT1 niobium base alloys
*BT1 tantalum additions
*BT1 titanium additions
*BT1 zirconium additions

alloy-n-155

1997-01-28
(Until October 1996 this was a valid descriptor.)
USE iron base alloys

ALLOY-N-9M

2000-04-12
*BT1 carbon additions
*BT1 heat resisting alloys
*BT1 molybdenum alloys
*BT1 niobium base alloys
*BT1 zirconium additions

ALLOY-N28T3

INIS: 2000-04-12; ETDE: 1979-05-29
*BT1 carbon additions
*BT1 manganese additions
*BT1 nickel alloys
*BT1 silicon additions
*BT1 titanium alloys

alloy-n55m20v25

2000-04-12
USE molybdenum alloys
USE nickel base alloys
USE tungsten alloys

alloy-n65m20v15

2000-04-12
USE molybdenum alloys
USE nickel base alloys
USE tungsten alloys

ALLOY-NI41FE40CR16NB3

1983-11-07
*BT1 chromium alloys
*BT1 corrosion resistant alloys

*BT1 heat resisting alloys
*BT1 inconel alloys
*BT1 iron alloys
*BT1 niobium alloys
*BT1 titanium alloys
NT1 inconel 706

alloy-ni42fe36cr12mo6ti3

1983-11-07
USE incoloy alloys
USE nickel base alloys

ALLOY-NI43FE30CR22MO3

INIS: 1983-11-07; ETDE: 1984-01-27
*BT1 aluminium additions
*BT1 chromium alloys
*BT1 copper alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 incoloy alloys
*BT1 iron alloys
*BT1 molybdenum alloys
*BT1 nickel base alloys
*BT1 titanium additions
NT1 incoloy 825

ALLOY-NI43FE33CR16MO3

1983-11-07
UF pe-16
*BT1 aluminium alloys
*BT1 boron additions
*BT1 chromium alloys
*BT1 cobalt additions
*BT1 copper additions
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 iron alloys
*BT1 molybdenum alloys
*BT1 nimonic
*BT1 titanium alloys
*BT1 zirconium additions
NT1 nimonic pe16

alloy-ni45cr23fe19co3mo3w3

INIS: 1983-11-07; ETDE: 1984-01-27
USE nickel base alloys

ALLOY-NI45FE34CR20

1983-11-07
UF steel-kh20n45b
*BT1 chromium alloys
*BT1 corrosion resistant alloys
*BT1 iron alloys
*BT1 nickel base alloys
*BT1 niobium additions

ALLOY-NI46CR23CO19TI5AL4

1983-11-16
*BT1 aluminium alloys
*BT1 boron additions
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 inconel alloys
*BT1 iron additions
*BT1 niobium additions
*BT1 tantalum alloys
*BT1 titanium alloys
*BT1 zirconium additions
NT1 alloy-in-939

alloy-ni47cr25co12w9fe3

INIS: 1996-07-17; ETDE: 1983-11-19
(Until July 1996 this was a valid descriptor.)
USE inconel alloys

alloy-ni48co28cr15al3mo3ti2

INIS: 1996-07-17; ETDE: 1983-11-22
(Until July 1996 this was a valid descriptor.)
USE inconel alloys

alloy-ni48cr22fe18mo9

INIS: 1996-07-17; ETDE: 1983-11-22
(Until July 1996 this was a valid descriptor.)
USE nimonic

ALLOY-NI49CR22FE18MO9

1983-11-07
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 corrosion resistant alloys
*BT1 hastelloys
*BT1 heat resisting alloys
*BT1 iron alloys
*BT1 molybdenum alloys
*BT1 tungsten additions
NT1 hastelloy x

ALLOY-NI50CO20CR15AL5MO5

INIS: 1983-11-07; ETDE: 1984-01-27
*BT1 aluminium alloys
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 iron alloys
*BT1 molybdenum alloys
*BT1 nimonic
*BT1 titanium alloys
NT1 nimonic 105

ALLOY-NI50CR22FE18MO9

1983-11-07
*BT1 chromium alloys
*BT1 corrosion resistant alloys
*BT1 hastelloys
*BT1 heat resisting alloys
*BT1 iron alloys
*BT1 molybdenum alloys
*BT1 tungsten additions
NT1 hastelloy xr

ALLOY-NI50MO32CR15SI3

INIS: 1996-11-13; ETDE: 1983-11-23
(From October 1978 till March 1997
TRIBALLOY 700 was a valid ETDE
descriptor.)
UF triballoy 700
*BT1 chromium alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 molybdenum alloys
*BT1 nickel base alloys
*BT1 silicon alloys

ALLOY-NI51CR48

1983-11-07
*BT1 chromium alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 inconel alloys
*BT1 titanium additions
NT1 inconel 671

ALLOY-NI53CO19CR15MO5AL4TI3

1983-11-07
*BT1 aluminium alloys
*BT1 boron additions
*BT1 corrosion resistant alloys
*BT1 udimet alloys
NT1 udimet 700

ALLOY-NI53CR19FE19NB5MO3

1983-11-07
*BT1 aluminium additions
*BT1 chromium alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 inconel alloys
*BT1 iron alloys
*BT1 molybdenum alloys
*BT1 niobium alloys

*BT1 titanium additions
NT1 inconel 718

ALLOY-NI54CR22CO13MO9

1983-11-07
*BT1 aluminium additions
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 inconel alloys
*BT1 molybdenum alloys
NT1 inconel 617

ALLOY-NI54MO17CR16FE6W4

1983-11-07
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 corrosion resistant alloys
*BT1 hastelloys
*BT1 heat resisting alloys
*BT1 iron alloys
*BT1 molybdenum alloys
*BT1 tungsten alloys
*BT1 vanadium additions
NT1 hastelloy c

ALLOY-NI55CO17CR15MO5AL4TI4

1983-11-07
*BT1 aluminium alloys
*BT1 boron additions
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 molybdenum alloys
*BT1 nickel base alloys
*BT1 titanium alloys
*BT1 zirconium additions
NT1 astroloy

ALLOY-NI55CR19CO11MO10TI3

1983-11-07
*BT1 aluminium alloys
*BT1 boron additions
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 molybdenum alloys
*BT1 nickel base alloys
*BT1 titanium alloys
NT1 rene 41

alloy-ni56cr21w10mo5fe4al2

INIS: 1997-01-28; ETDE: 1983-11-19
(Until October 1996 this was a valid
descriptor.)
USE nickel base alloys

alloy-ni58cr14co8al4mo4nb4w4

1983-11-07
USE nickel base alloys

ALLOY-NI58CR20CO14MO4TI3

1983-11-08
*BT1 aluminium alloys
*BT1 boron additions
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 iron alloys
*BT1 molybdenum alloys
*BT1 nickel base alloys
*BT1 titanium alloys
*BT1 zirconium additions
NT1 waspaloy

ALLOY-NI59CR20CO17TI2

INIS: 1996-11-13; ETDE: 1983-11-22
(From June 1977 till March 1997 NIMONIC
90 was a valid ETDE descriptor.)
UF nimonic 90
*BT1 aluminium alloys
*BT1 boron additions
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 iron alloys
*BT1 nimonic
*BT1 titanium alloys
*BT1 zirconium additions

ALLOY-NI59CR30FE9

1983-11-07
*BT1 chromium alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 inconel alloys
*BT1 iron alloys
*BT1 titanium additions
NT1 inconel 690

ALLOY-NI60CO15CR10AL6TI5MO3

1983-11-07
*BT1 aluminium alloys
*BT1 boron additions
*BT1 carbon additions
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 copper additions
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 inconel alloys
*BT1 iron additions
*BT1 molybdenum alloys
*BT1 titanium alloys
*BT1 vanadium additions
*BT1 zirconium additions
NT1 alloy-in-100

alloy-ni60cr14co10ti5mo4w4al3

1983-11-07
USE nickel base alloys

alloy-ni60cr25w15

INIS: 1997-01-28; ETDE: 1983-11-19
(Until October 1996 this was a valid
descriptor.)
USE chromium alloys
USE nickel base alloys
USE tungsten alloys

ALLOY-NI60FE24CR16

1983-11-07
UF chromel c
UF tophet c
*BT1 chromel
*BT1 chromium alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 iron alloys
NT1 nichrome

ALLOY-NI61CR16CO9AL3TI3W3

1983-11-07
*BT1 aluminium alloys
*BT1 boron additions
*BT1 chromium alloys
*BT1 cobalt alloys
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 inconel alloys
*BT1 molybdenum alloys
*BT1 niobium additions
*BT1 tantalum alloys
*BT1 titanium alloys

*BT1 tungsten alloys
 *BT1 zirconium additions
 NT1 alloy-in-738

ALLOY-NI61CR22MO9NB4FE3

1983-11-07

*BT1 aluminium additions
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 inconel alloys
 *BT1 iron alloys
 *BT1 molybdenum alloys
 *BT1 niobium alloys
 *BT1 titanium additions
 NT1 inconel 625

ALLOY-NI61CR23FE14

INIS: 1985-01-17; ETDE: 1989-03-17

UF alloy-601 (inconel)
 UF inconel 601
 *BT1 chromium alloys
 *BT1 inconel alloys
 *BT1 iron alloys

ALLOY-NI62CR16MO15FE3

1983-11-07

*BT1 aluminium additions
 *BT1 boron additions
 *BT1 chromium alloys
 *BT1 cobalt additions
 *BT1 corrosion resistant alloys
 *BT1 hastelloys
 *BT1 heat resisting alloys
 *BT1 iron alloys
 *BT1 molybdenum alloys
 *BT1 tungsten additions
 *BT1 vanadium additions
 NT1 hastelloy s

ALLOY-NI65CR25MO10

1983-11-07

*BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 molybdenum alloys
 *BT1 nimonic
 NT1 nimonic 86

alloy-ni65mo16cr15w4

INIS: 2000-04-12; ETDE: 1983-11-19
 (Prior to March 1997 this was a valid ETDE descriptor.)

USE chromium alloys
 USE molybdenum alloys
 USE nickel base alloys
 USE tungsten alloys

ALLOY-NI65MO28FE5

1983-11-07

*BT1 chromium additions
 *BT1 cobalt alloys
 *BT1 corrosion resistant alloys
 *BT1 hastelloys
 *BT1 vanadium additions
 NT1 hastelloy b

ALLOY-NI66CU32

1983-11-07

UF monel r-405
 *BT1 copper alloys
 *BT1 iron alloys
 *BT1 manganese additions
 *BT1 monel
 NT1 monel 400

alloy-ni67cr19mo5w5ti3

INIS: 1997-01-28; ETDE: 1984-01-27
 (Until October 1996 this was a valid descriptor.)

USE nickel base alloys

alloy-ni68cr15w6al3mo3fe2

INIS: 1997-01-28; ETDE: 1983-11-19
 (Until October 1996 this was a valid descriptor.)

USE nickel base alloys

ALLOY-NI70MO17CR7FE5

1983-11-07

*BT1 aluminium additions
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 hastelloys
 *BT1 heat resisting alloys
 *BT1 iron alloys
 *BT1 molybdenum alloys
 *BT1 titanium additions
 NT1 hastelloy n
 NT1 inor-8
 RT inconel alloys

ALLOY-NI73CR15FE7TI3

1983-11-07

*BT1 aluminium additions
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 inconel alloys
 *BT1 iron alloys
 *BT1 niobium additions
 *BT1 titanium alloys
 NT1 inconel x750

ALLOY-NI73CR20MN3NB3

1983-11-07

*BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 inconel alloys
 *BT1 iron additions
 *BT1 manganese alloys
 *BT1 niobium alloys
 *BT1 titanium additions
 NT1 inconel 82

ALLOY-NI74CR13AL6MO4

1983-11-07

*BT1 aluminium alloys
 *BT1 boron additions
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 inconel alloys
 *BT1 molybdenum alloys
 *BT1 niobium alloys
 *BT1 titanium additions
 *BT1 zirconium additions
 NT1 inconel 713c

ALLOY-NI75CR12AL6MO5

1983-11-07

*BT1 aluminium alloys
 *BT1 boron additions
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 inconel alloys
 *BT1 molybdenum alloys
 *BT1 niobium alloys
 *BT1 titanium additions
 *BT1 zirconium additions
 NT1 inconel 713lc

ALLOY-NI76CR15FE8

1983-11-07

UF sanicro 70
 *BT1 aluminium additions
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 inconel alloys
 *BT1 iron alloys

*BT1 nimonic
 *BT1 titanium additions
 NT1 inconel 600

ALLOY-NI76CR20TI2

1983-11-07

*BT1 aluminium alloys
 *BT1 boron additions
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 nimonic
 *BT1 titanium alloys
 *BT1 zirconium additions
 NT1 nimonic 80a

ALLOY-NI77CR20TI2

1983-11-07

UF alloy-ehi 437b
 UF alloy-khn77tyur
 SF alloy-ehi 702
 *BT1 aluminium additions
 *BT1 boron additions
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 iron alloys
 *BT1 nickel base alloys
 *BT1 titanium alloys

alloy-ni78cr16al4

INIS: 1997-01-28; ETDE: 1983-11-22
 (Until October 1996 this was a valid descriptor.)

USE aluminium alloys
 USE chromium alloys
 USE inconel alloys

ALLOY-NI78CR21

1983-11-07

UF alloy-khn78t
 *BT1 aluminium additions
 *BT1 chromium alloys
 *BT1 iron alloys
 *BT1 manganese additions
 *BT1 nickel base alloys
 *BT1 silicon additions
 *BT1 titanium additions

ALLOY-NI79FE16MO4

INIS: 1997-01-28; ETDE: 1983-11-22

*BT1 iron alloys
 *BT1 molybdenum alloys
 *BT1 nickel base alloys

ALLOY-NI80CR20

1983-11-07

UF alloy-kh20n80
 UF chromel a
 UF nichrome v
 UF tophet a
 *BT1 aluminium additions
 *BT1 chromel
 *BT1 chromium alloys
 *BT1 iron additions
 *BT1 silicon additions

alloy-ni80fe16mo4

INIS: 1997-01-28; ETDE: 1983-11-22
 (Until October 1996 this was a valid descriptor.)

USE molybdenum alloys
 USE nickel base alloys
 USE permalloy

ALLOY-NI94MN3AL2

1983-11-07

*BT1 aluminium alloys
 *BT1 manganese alloys
 *BT1 nickel base alloys
 *BT1 silicon additions

NT1 almel

ALLOY-NT25A5

INIS: 2000-04-12; ETDE: 1979-05-29

- *BT1 aluminium alloys
- *BT1 heat resisting alloys
- *BT1 niobium base alloys
- *BT1 titanium alloys

ALLOY NUCLEAR FUELS

- *BT1 nuclear fuels
- *BT1 solid fuels
- NT1 uranium-molybdenum fuels

ALLOY-NX-188

INIS: 2000-04-12; ETDE: 1978-12-20

- UF nx-188
- *BT1 aluminium alloys
- *BT1 molybdenum alloys
- *BT1 nickel base alloys

ALLOY-RA-333

INIS: 1993-10-03; ETDE: 1979-08-09

- UF ra-333
- *BT1 chromium alloys
- *BT1 cobalt alloys
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 iron alloys
- *BT1 molybdenum alloys
- *BT1 nickel base alloys
- *BT1 silicon alloys
- *BT1 tungsten alloys

ALLOY-S-590

2000-04-12

- *BT1 chromium alloys
- *BT1 cobalt alloys
- *BT1 heat resisting alloys
- *BT1 molybdenum alloys
- *BT1 nickel alloys
- *BT1 niobium alloys
- *BT1 tungsten alloys

ALLOY-S-816

2000-04-12

- *BT1 carbon additions
- *BT1 chromium alloys
- *BT1 cobalt alloys
- *BT1 heat resisting alloys
- *BT1 iron alloys
- *BT1 manganese alloys
- *BT1 molybdenum alloys
- *BT1 nickel alloys
- *BT1 niobium alloys
- *BT1 silicon additions
- *BT1 tantalum alloys
- *BT1 tungsten alloys

alloy su31

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

- USE niobium base alloys

ALLOY SYSTEMS

- NT1 binary alloy systems
- NT1 quaternary alloy systems
- NT1 ternary alloy systems
- RT alloys
- RT phase diagrams
- RT vegard law

alloy-ta-10v

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

- SEE tantalum base alloys

ALLOY-TA90W8HF

1983-11-07

- *BT1 hafnium alloys

*BT1 tantalum base alloys

*BT1 tungsten alloys

NT1 tantalum alloy-t111

ALLOY-TI78CR11MO7AL3

INIS: 1983-11-07; ETDE: 1984-01-27

- UF alloy-vt15
- *BT1 aluminium alloys
- *BT1 chromium alloys
- *BT1 molybdenum alloys
- *BT1 titanium base alloys

ALLOY-TI88MO8AL3

INIS: 1983-11-07; ETDE: 1984-01-27

- UF alloy-vt22
- *BT1 aluminium alloys
- *BT1 chromium alloys
- *BT1 iron additions
- *BT1 molybdenum alloys
- *BT1 titanium base alloys

ALLOY-TI89AL6MO3

1983-11-07

- UF alloy-vt9
- *BT1 aluminium alloys
- *BT1 molybdenum alloys
- *BT1 titanium base alloys
- *BT1 zirconium alloys

ALLOY-TI90AL6

INIS: 1983-11-07; ETDE: 1984-01-27

- UF alloy-vt20
- *BT1 aluminium alloys
- *BT1 molybdenum additions
- *BT1 titanium base alloys
- *BT1 vanadium additions
- *BT1 zirconium alloys

ALLOY-TI90AL6MO3

INIS: 1983-11-07; ETDE: 1984-01-27

- UF alloy-vt8
- *BT1 aluminium alloys
- *BT1 iron additions
- *BT1 molybdenum alloys
- *BT1 titanium base alloys

ALLOY-TI90AL6V4

1983-11-07

- UF alloy-vt6
- *BT1 aluminium alloys
- *BT1 iron additions
- *BT1 titanium base alloys
- *BT1 vanadium alloys

ALLOY-TI90MO7AL2

INIS: 1983-11-07; ETDE: 1984-01-27

- UF alloy-vt16
- *BT1 aluminium alloys
- *BT1 molybdenum alloys
- *BT1 titanium base alloys

ALLOY-TI91AL4MO3

INIS: 1983-11-07; ETDE: 1984-01-27

- UF alloy-vt14
- *BT1 aluminium alloys
- *BT1 iron additions
- *BT1 molybdenum alloys
- *BT1 titanium base alloys
- *BT1 vanadium alloys

ALLOY-TI91AL5CR2

INIS: 1983-11-07; ETDE: 1984-01-27

- UF alloy-vt3-1
- UF alloy-vtz-1
- *BT1 aluminium alloys
- *BT1 chromium alloys
- *BT1 iron additions
- *BT1 molybdenum alloys
- *BT1 titanium base alloys

ALLOY-TI99

1983-11-07

UF alloy-vt1-0

*BT1 titanium base alloys

alloy-ts5

INIS: 2000-04-12; ETDE: 1979-05-29

(Prior to 1989 this was a valid ETDE descriptor.)

SEE titanium base alloys

alloy-tsm6

INIS: 1983-11-07; ETDE: 1978-10-30

(Prior to 1989 this was a valid ETDE descriptor.)

USE alloy-mo99b

alloy-tzc

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

SEE molybdenum base alloys

ALLOY-TZM

1993-10-03

*BT1 alloy-mo99

ALLOY-U90NB7ZR3

INIS: 1996-11-13; ETDE: 1983-11-22

(From 1974 till March 1997 MULBERRY ALLOY was a valid ETDE descriptor.)

- UF mulberry alloy
- *BT1 niobium alloys
- *BT1 uranium base alloys
- *BT1 zirconium alloys

ALLOY-V-36

2000-04-12

- *BT1 carbon additions
- *BT1 chromium alloys
- *BT1 cobalt alloys
- *BT1 heat resisting alloys
- *BT1 iron alloys
- *BT1 manganese additions
- *BT1 molybdenum alloys
- *BT1 nickel alloys
- *BT1 niobium alloys
- *BT1 silicon additions
- *BT1 tantalum alloys
- *BT1 tungsten alloys

ALLOY-V87CR9FE3

INIS: 1996-11-13; ETDE: 1983-11-23

(Until October 1996 this was a valid descriptor.)

- UF vanstar 7
- *BT1 chromium alloys
- *BT1 iron alloys
- *BT1 vanadium base alloys
- *BT1 zirconium alloys

alloy-vad23

INIS: 2000-04-12; ETDE: 1979-05-29

(Prior to 1989 this was a valid ETDE descriptor.)

SEE aluminium base alloys

alloy-vm-1

1983-11-07

(Prior to March 1989 this was a valid ETDE descriptor.)

USE alloy-mo99

alloy-vn-3

2000-04-12

(Prior to 1989 this was a valid ETDE descriptor.)

SEE niobium base alloys

alloy-vt1-0

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ti99

alloy-vt14

1983-11-07
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ti91al4mo3

alloy-vt15

1983-11-07
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ti78cr11mo7al3

alloy-vt16

1983-11-07
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ti90mo7al2

alloy-vt20

INIS: 1983-11-07; ETDE: 1978-10-19
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ti90al6

alloy-vt22

1983-11-07
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ti88mo8al3

alloy-vt3-1

INIS: 1983-11-07; ETDE: 1977-04-13
(Prior to March 1989 this was valid ETDE descriptor.)
USE alloy-ti91al5cr2

alloy-vt30

INIS: 2000-04-12; ETDE: 1985-10-25
(Prior to February 1995, this was a valid ETDE descriptor.)
USE titanium base alloys

alloy-vt6

1983-11-07
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ti90al6v4

alloy-vt8

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ti90al6mo3

alloy-vt9

1983-11-07
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ti89al6mo3

alloy-vtz-1

1977-11-21
(Prior to 1989 this was a valid ETDE descriptor.)
USE alloy-ti91al5cr2

alloy-vus-6

INIS: 2000-04-12; ETDE: 1979-05-29
USE niobium base alloys

alloy-vzh98

INIS: 1996-11-13; ETDE: 1979-05-29
(Prior to November 1983 ALLOY-EHI 868 was used for this concept in ETDE; from

November 1983 till March 1997 ALLOY-NI60CR25W15 was used.)
USE chromium alloys
USE nickel base alloys
USE tungsten alloys

alloy-waz-16

INIS: 2000-04-12; ETDE: 1979-08-09
USE nickel base alloys

alloy-x-40

INIS: 2000-04-12; ETDE: 1979-12-17
USE alloy-hs-31

alloy-x750 (inconel)

INIS: 1990-06-25; ETDE: 2002-06-07
USE inconel x750

ALLOY-YUNDK 25BA

INIS: 2000-04-12; ETDE: 1979-06-21
*BT1 aluminium alloys
*BT1 cobalt alloys
*BT1 copper alloys
*BT1 iron alloys
*BT1 nickel alloys
*BT1 niobium additions

ALLOY-ZM-2A

1993-10-03
*BT1 alloy-mo99

ALLOY-ZR97NB3

INIS: 1985-07-23; ETDE: 1989-03-18
*BT1 heat resisting alloys
*BT1 niobium alloys
*BT1 zirconium base alloys

ALLOY-ZR98SN-2

1983-11-07
*BT1 chromium additions
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 iron additions
*BT1 nickel additions
*BT1 tin alloys
*BT1 zircaloy
NT1 zircaloy 2

ALLOY-ZR98SN-4

1983-11-07
*BT1 chromium additions
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 iron additions
*BT1 tin alloys
*BT1 zircaloy
NT1 zircaloy 4

alloying effects

INIS: 1994-07-01; ETDE: 1978-02-14
USE metallurgical effects

ALLOYS

1996-01-24
UF actinium additions
UF astatine additions
UF berkelium additions
UF californium additions
UF einsteinium additions
UF radium additions
NT1 actinide alloys
NT2 americium alloys
NT2 berkelium alloys
NT2 californium alloys
NT2 curium alloys
NT3 curium additions
NT2 einsteinium alloys
NT2 neptunium alloys
NT3 neptunium additions
NT2 plutonium alloys
NT3 plutonium base alloys
NT2 protactinium alloys

NT2 thorium alloys
NT3 magnesium alloy-hk31a
NT3 thorium additions
NT3 thorium base alloys
NT2 uranium alloys
NT3 uranium base alloys
NT4 alloy-u90nb7zr3

NT1 aluminium alloys
NT2 alloy-b-1900
NT2 alloy-d-979
NT2 alloy-in-853
NT2 alloy-khn50mbvyu
NT2 alloy-m-813
NT2 alloy-mar-m246
NT2 alloy-mn-21
NT2 alloy-ni43fe33cr16mo3
NT3 nimonic pe16
NT2 alloy-ni46cr23co19ti5al4
NT3 alloy-in-939
NT2 alloy-ni50co20cr15al5mo5
NT3 nimonic 105
NT2 alloy-ni53co19cr15mo5al4ti3
NT3 udimet 700
NT2 alloy-ni55co17cr15mo5al4ti4
NT3 astroloy
NT2 alloy-ni55cr19co11mo10ti3
NT3 rene 41
NT2 alloy-ni58cr20co14mo4ti3
NT3 waspaloy
NT2 alloy-ni59cr20co17ti2
NT2 alloy-ni60co15cr10al6ti5mo3
NT3 alloy-in-100
NT2 alloy-ni61cr16co9al3ti3w3
NT3 alloy-in-738
NT2 alloy-ni74cr13al6mo4
NT3 inconel 713c
NT2 alloy-ni75cr12al6mo5
NT3 inconel 713lc
NT2 alloy-ni76cr20ti2
NT3 nimonic 80a
NT2 alloy-ni94mn3al2
NT3 alumel
NT2 alloy-nt25a5
NT2 alloy-nx-188
NT2 alloy-ti78cr11mo7al3
NT2 alloy-ti88mo8al3
NT2 alloy-ti89al6mo3
NT2 alloy-ti90al6
NT2 alloy-ti90al6mo3
NT2 alloy-ti90al6v4
NT2 alloy-ti90mo7al2
NT2 alloy-ti91al4mo3
NT2 alloy-ti91al5cr2
NT2 alloy-yundk 25ba
NT2 alnico alloys
NT2 aluminium additions
NT3 alloy-fe44ni33cr21
NT4 incoloy 800h
NT3 alloy-fe46ni33cr21
NT4 incoloy 800
NT4 incoloy 802
NT3 alloy-in-102
NT3 alloy-ni43fe30cr22mo3
NT4 incoloy 825
NT3 alloy-ni53cr19fe19nb5mo3
NT4 inconel 718
NT3 alloy-ni54cr22co13mo9
NT4 inconel 617
NT3 alloy-ni61cr22mo9nb4fe3
NT4 inconel 625
NT3 alloy-ni62cr16mo15fe3
NT4 hastelloy s
NT3 alloy-ni70mo17cr7fe5
NT4 hastelloy n
NT4 inor-8
NT3 alloy-ni73cr15fe7ti3
NT4 inconel x750
NT3 alloy-ni76cr15fe8
NT4 inconel 600

- NT3** alloy-ni77cr20ti2
NT3 alloy-ni78cr21
NT3 alloy-ni80cr20
NT3 discaloy
NT3 incoloy 901
NT3 steel-cr13al
NT4 stainless steel-405
NT3 steel-cralnimo
NT3 steel-ni26cr15ti2movalb
NT4 alloy-a-286
NT3 steel-ni36cr12ti3al-l
NT2 aluminium base alloys
NT3 alloy-al95cu4
NT4 duralumin
NT3 aludur
NT3 bondur
NT3 duranalium
NT3 heddur
NT3 lynite
NT3 maglalium
NT2 duranickel
NT2 ge 2541
NT2 heusler alloys
NT2 hoskins 875
NT2 kanthal
NT2 magnesium alloy-az31b
NT2 nimonic 115
NT2 rene-100
NT2 rene 80
NT2 rene 95
NT2 stainless steel-17-7ph
NT2 zamak
NT1 antimony alloys
NT2 antimony additions
NT2 antimony base alloys
NT2 terne-metal
NT1 arsenic alloys
NT2 arsenic additions
NT1 barium alloys
NT2 barium additions
NT2 barium base alloys
NT1 beryllium alloys
NT2 beryllium additions
NT2 beryllium base alloys
NT1 bismuth alloys
NT2 bismuth additions
NT2 bismuth base alloys
NT3 alloy-bi50pb25cd12sn12
NT4 wood metal
NT3 cerrobend alloys
NT3 lead-bismuth eutectic
NT3 lichtenberg alloy
NT3 newton-metal
NT2 rose-metal
NT1 boron alloys
NT2 boron additions
NT3 alloy-in-102
NT3 alloy-mo99b
NT3 alloy-ni43fe33cr16mo3
NT4 nimonic pe16
NT3 alloy-ni46cr23co19ti5al4
NT4 alloy-in-939
NT3 alloy-ni53co19cr15mo5al4ti3
NT4 udimet 700
NT3 alloy-ni55co17cr15mo5al4ti4
NT4 astroloy
NT3 alloy-ni55cr19co11mo10ti3
NT4 rene 41
NT3 alloy-ni58cr20co14mo4ti3
NT4 waspaloy
NT3 alloy-ni59cr20co17ti2
NT3 alloy-ni60co15cr10al6ti5mo3
NT4 alloy-in-100
NT3 alloy-ni61cr16co9al3ti3w3
NT4 alloy-in-738
NT3 alloy-ni62cr16mo15fe3
NT4 hastelloy s
NT3 alloy-ni74cr13al6mo4
NT4 inconel 713c
NT3 alloy-ni75cr12al6mo5
NT4 inconel 713lc
NT3 alloy-ni76cr20ti2
NT4 nimonic 80a
NT3 alloy-ni77cr20ti2
NT3 incoloy 901
NT3 rene 80
NT3 steel-cr15ni15motib
NT3 steel-ni26cr15ti2movalb
NT4 alloy-a-286
NT2 colmonoy
NT1 brazing alloys
NT1 cadmium alloys
NT2 alloy-bi50pb25cd12sn12
NT3 wood metal
NT2 cadmium additions
NT3 zamak
NT2 cadmium base alloys
NT2 cerrobend alloys
NT1 calcium alloys
NT2 calcium additions
NT2 calcium base alloys
NT1 carbon additions
NT2 alloy-co43cr20fe18ni13w3
NT3 havar
NT2 alloy-hs-31
NT2 alloy-in-102
NT2 alloy-n-10m
NT2 alloy-n-9m
NT2 alloy-n28t3
NT2 alloy-ni60co15cr10al6ti5mo3
NT3 alloy-in-100
NT2 alloy-s-816
NT2 alloy-v-36
NT2 ascology
NT2 astroloy
NT2 austenite
NT2 cast iron
NT2 discaloy
NT2 duriron
NT2 ferrite
NT2 martensite
NT2 rene 41
NT2 rene 95
NT2 steels
NT3 austenitic steels
NT4 steel-cr15ni15motib
NT4 steel-cr16ni13monbv
NT4 steel-cr16ni15mo3nb
NT4 steel-cr16ni16monb
NT4 steel-cr16ni8mo2
NT5 stainless steel-16-8-2
NT4 steel-cr17ni12mo3
NT5 stainless steel-316
NT4 steel-cr17ni12mo3-l
NT5 stainless steel-316l
NT5 stainless steel-zcnd17-13
NT4 steel-cr17ni12monb
NT4 steel-cr17ni13
NT4 steel-cr17ni13mo2ti
NT4 steel-cr17ni13mo3ti
NT4 steel-cr17ni7
NT5 stainless steel-301
NT4 steel-cr18ni10
NT5 stainless steel-18-10
NT4 steel-cr18ni10-l
NT4 steel-cr18ni10ti
NT5 stainless steel-321
NT4 steel-cr18ni11
NT5 steel-x6crni1811
NT4 steel-cr18ni11nb
NT5 stainless steel-347
NT4 steel-cr18ni11nbco
NT5 stainless steel-348
NT4 steel-cr18ni12
NT5 stainless steel-305
NT4 steel-cr18ni12ti
NT4 steel-cr18ni8
NT5 stainless steel-18-8
NT4 steel-cr18ni9
NT5 stainless steel-302
NT4 steel-cr18ni9ti
NT4 steel-cr19ni10
NT5 stainless steel-304
NT4 steel-cr19ni10-l
NT5 stainless steel-304l
NT4 steel-cr20ni11
NT5 stainless steel-308
NT4 steel-cr20ni11-l
NT5 stainless steel-308l
NT4 steel-cr21mn9ni6
NT5 stainless steel-21-6-9
NT4 steel-cr23ni14
NT5 stainless steel-309
NT5 stainless steel-309s
NT4 steel-cr23ni18
NT4 steel-cr25ni20
NT5 alloy-hk-40
NT5 stainless steel-310
NT4 steel-ni25cr20
NT5 stainless steel-20-25
NT4 steel-ni26cr15ti2movalb
NT5 alloy-a-286
NT3 carbon steels
NT4 steel-astm-a105
NT4 steel-astm-a106
NT4 steel-astm-a212
NT4 steel-astm-a285
NT4 steel-astm-a516
NT4 steel-astm-a533-b
NT4 steel-in-787
NT4 steel-sae-1045
NT3 croloy
NT4 steel-cr13
NT5 stainless steel-410
NT4 steel-cr16
NT5 stainless steel-430
NT4 steel-cr18ni10
NT5 stainless steel-18-10
NT4 steel-cr2mo
NT5 steel-astm-a542
NT4 steel-cr5mo
NT3 ferritic steels
NT4 steel-cr12moniv
NT4 steel-cr13al
NT5 stainless steel-405
NT4 steel-cr16
NT5 stainless steel-430
NT4 steel-cr25
NT5 stainless steel-446
NT4 steel-cr9mo
NT4 steel-cr9monbv
NT3 high alloy steels
NT4 stainless steels
NT5 chromium-nickel steels
NT6 alloy-d-9
NT6 carpenter
NT6 chromium-nickel-molybdenum steels
NT7 alloy-m-813
NT7 steel-cr11ni10mo2ti-l
NT7 steel-cr15ni15motib
NT7 steel-cr16ni13monbv
NT7 steel-cr16ni15mo3nb
NT7 steel-cr16ni16monb
NT7 steel-cr16ni8mo2
NT8 stainless steel-16-8-2
NT7 steel-cr16ni9mo2
NT7 steel-cr17ni12mo3
NT8 stainless steel-316
NT7 steel-cr17ni12mo3-l
NT8 stainless steel-316l
NT8 stainless steel-zcnd17-13
NT7 steel-cr17ni12monb
NT7 steel-cr17ni13mo2ti
NT7 steel-cr17ni13mo3ti
NT7 steel-ni26cr15ti2movalb
NT8 alloy-a-286

NT6 durco
NT6 endureo
NT6 stainless steel-17-7ph
NT6 stainless steel-303
NT6 stainless steel-329
NT6 stainless steel-ph-15-7-mo
NT6 steel-cr17ni13
NT6 steel-cr17ni7
NT7 stainless steel-301
NT6 steel-cr18ni10
NT7 stainless steel-18-10
NT6 steel-cr18ni10-l
NT6 steel-cr18ni10ti
NT7 stainless steel-321
NT6 steel-cr18ni11
NT7 steel-x6crni1811
NT6 steel-cr18ni11nb
NT7 stainless steel-347
NT6 steel-cr18ni11nbco
NT7 stainless steel-348
NT6 steel-cr18ni12
NT7 stainless steel-305
NT6 steel-cr18ni12ti
NT6 steel-cr18ni8
NT7 stainless steel-18-8
NT6 steel-cr18ni9
NT7 stainless steel-302
NT6 steel-cr18ni9ti
NT6 steel-cr19ni10
NT7 stainless steel-304
NT6 steel-cr19ni10-l
NT7 stainless steel-304l
NT6 steel-cr20ni11
NT7 stainless steel-308
NT6 steel-cr20ni11-l
NT7 stainless steel-308l
NT6 steel-cr23ni14
NT7 stainless steel-309
NT7 stainless steel-309s
NT6 steel-cr23ni18
NT6 steel-cr25ni20
NT7 alloy-hk-40
NT7 stainless steel-310
NT6 steel-ni25cr20
NT7 stainless steel-20-25
NT6 steel-ni36cr12ti3al-l
NT6 timken alloys
NT5 chromium steels
NT6 chromium-molybdenum steels
NT7 chromium-nickel-molybdenum steels
NT8 alloy-m-813
NT8 steel-cr11ni10mo2ti-l
NT8 steel-cr15ni15motib
NT8 steel-cr16ni13monbv
NT8 steel-cr16ni15mo3nb
NT8 steel-cr16ni16monb
NT8 steel-cr16ni8mo2
NT9 stainless steel-16-8-2
NT8 steel-cr16ni9mo2
NT8 steel-cr17ni12mo3
NT9 stainless steel-316
NT8 steel-cr17ni12mo3-l
NT9 stainless steel-316l
NT9 stainless steel-zcnd17-13
NT8 steel-cr17ni12monb
NT8 steel-cr17ni13mo2ti
NT8 steel-cr17ni13mo3ti
NT8 steel-ni26cr15ti2movalb
NT9 alloy-a-286
NT6 magnet steel-ks
NT6 miduale
NT6 stainless steel-406
NT6 steel-cr10mo2
NT6 steel-cr12
NT7 stainless steel-403
NT6 steel-cr12moniv
NT6 steel-cr12mov

NT7 alloy-ht-9
NT6 steel-cr13
NT7 stainless steel-410
NT6 steel-cr13al
NT7 stainless steel-405
NT6 steel-cr16
NT7 stainless steel-430
NT6 steel-cr16ni
NT6 steel-cr17cu4ni4nb-l
NT7 stainless steel-17-4ph
NT6 steel-cr17mo
NT7 stainless steel-440
NT6 steel-cr17ni4mo3
NT6 steel-cr18
NT6 steel-cr25
NT7 stainless steel-446
NT6 steel-cr9mo
NT6 steel-cr9monbv
NT5 low carbon-high alloy steels
NT6 steel-cr11ni10mo2ti-l
NT6 steel-cr17cu4ni4nb-l
NT7 stainless steel-17-4ph
NT6 steel-cr17ni12mo3-l
NT7 stainless steel-316l
NT7 stainless steel-zcnd17-13
NT6 steel-cr18ni10-l
NT6 steel-cr19ni10-l
NT7 stainless steel-304l
NT6 steel-cr20ni11-l
NT7 stainless steel-308l
NT6 steel-ni36cr12ti3al-l
NT5 stainless steel-317
NT5 stainless steel-318
NT5 stainless steel-422
NT5 stainless steel-fv-548
NT5 stainless steel-jbk-75
NT5 stainless steel m-50
NT5 steel-cr21mn9ni6
NT6 stainless steel-21-6-9
NT5 sweetalloy
NT3 low alloy steels
NT4 steel-astm-a350
NT4 steel-astm-a387
NT4 steel-astm-a508
NT4 steel-astm-a533
NT4 steel-cr2mo
NT5 steel-astm-a542
NT4 steel-cr2moninb
NT4 steel-cr2mov
NT4 steel-cr2nimov
NT4 steel-cr5mo
NT4 steel-cralnimo
NT4 steel-crmo
NT4 steel-crmov
NT4 steel-crni
NT4 steel-mncumo
NT5 steel-astm-a537
NT4 steel-mnmo
NT5 steel-astm-a302
NT4 steel-mnnimo
NT5 steel-astm-a533-b
NT4 steel-mnnimov
NT4 steel-ni3cr
NT4 steel-ni3crmo
NT5 steel-astm-a543
NT4 steel-ni3crmov
NT4 steel-ni4crw
NT4 steel-nicr
NT4 steel-nicrmo
NT4 steel-nimocr
NT3 manganese steels
NT3 martensitic steels
NT4 maraging steels
NT4 steel-cr10mo2
NT4 steel-cr12
NT5 stainless steel-403
NT4 steel-cr12mov
NT5 alloy-ht-9
NT4 steel-cr13

NT5 stainless steel-410
NT4 steel-cr16ni
NT4 steel-cr17cu4ni4nb-l
NT5 stainless steel-17-4ph
NT4 steel-cr17mo
NT5 stainless steel-440
NT4 steel-cr18
NT3 nickel steels
NT4 sweetalloy
NT3 steel-astm-a572
NT1 cesium alloys
NT2 cesium additions
NT2 cesium base alloys
NT1 corrosion resistant alloys
NT2 alloy-co36cr22ni22w15fe3
NT3 haynes 188 alloy
NT2 alloy-co54cr20w15ni10
NT3 alloy-hs-25
NT3 haynes 25 alloy
NT2 alloy-co60cr30w4
NT3 stellite 6
NT2 alloy-fe44ni33cr21
NT3 incoloy 800h
NT2 alloy-fe46ni33cr21
NT3 incoloy 800
NT3 incoloy 802
NT2 alloy-mo99
NT3 alloy-tzm
NT3 alloy-zm-2a
NT2 alloy-ni41fe40cr16nb3
NT3 inconel 706
NT2 alloy-ni43fe30cr22mo3
NT3 incoloy 825
NT2 alloy-ni43fe33cr16mo3
NT3 nimonic pe16
NT2 alloy-ni45fe34cr20
NT2 alloy-ni46cr23co19ti5al4
NT3 alloy-in-939
NT2 alloy-ni49cr22fe18mo9
NT3 hastelloy x
NT2 alloy-ni50co20cr15al5mo5
NT3 nimonic 105
NT2 alloy-ni50cr22fe18mo9
NT3 hastelloy xr
NT2 alloy-ni50mo32cr15si3
NT2 alloy-ni51cr48
NT3 inconel 671
NT2 alloy-ni53co19cr15mo5al4ti3
NT3 udimet 700
NT2 alloy-ni53cr19fe19nb5mo3
NT3 inconel 718
NT2 alloy-ni54cr22co13mo9
NT3 inconel 617
NT2 alloy-ni54mo17cr16fe6w4
NT3 hastelloy c
NT2 alloy-ni55cr19co11mo10ti3
NT3 rene 41
NT2 alloy-ni58cr20co14mo4ti3
NT3 waspaloy
NT2 alloy-ni59cr20co17ti2
NT2 alloy-ni59cr30fe9
NT3 inconel 690
NT2 alloy-ni60co15cr10al6ti5mo3
NT3 alloy-in-100
NT2 alloy-ni60fe24cr16
NT3 nichrome
NT2 alloy-ni61cr16co9al3ti3w3
NT3 alloy-in-738
NT2 alloy-ni61cr22mo9nb4fe3
NT3 inconel 625
NT2 alloy-ni62cr16mo15fe3
NT3 hastelloy s
NT2 alloy-ni65cr25mo10
NT3 nimonic 86
NT2 alloy-ni65mo28fe5
NT3 hastelloy b
NT2 alloy-ni70mo17cr7fe5
NT3 hastelloy n
NT3 inor-8

NT2 alloy-ni73cr15fe7ti3
 NT3 inconel x750
 NT2 alloy-ni73cr20mn3nb3
 NT3 inconel 82
 NT2 alloy-ni74cr13al6mo4
 NT3 inconel 713c
 NT2 alloy-ni75cr12al6mo5
 NT3 inconel 713lc
 NT2 alloy-ni76cr15fe8
 NT3 inconel 600
 NT2 alloy-ni76cr20ti2
 NT3 nimonic 80a
 NT2 alloy-ni77cr20ti2
 NT2 alloy-ra-333
 NT2 alloy-zr98sn-2
 NT3 zircaloy 2
 NT2 alloy-zr98sn-4
 NT3 zircaloy 4
 NT2 colmonoy
 NT2 heusler alloys
 NT2 incoloy 901
 NT2 rene 80
 NT2 rene 95
 NT2 steel-cd-4mcu
 NT2 steel-cr11ni10mo2ti-l
 NT2 steel-cr12
 NT3 stainless steel-403
 NT2 steel-cr12moniv
 NT2 steel-cr12mov
 NT3 alloy-ht-9
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 NT3 stainless steel-410
 NT2 steel-cr13al
 NT3 stainless steel-405
 NT2 steel-cr15ni15motib
 NT2 steel-cr16
 NT3 stainless steel-430
 NT2 steel-cr16ni
 NT2 steel-cr16ni13monbv
 NT2 steel-cr16ni15mo3nb
 NT2 steel-cr16ni16monb
 NT2 steel-cr16ni8mo2
 NT3 stainless steel-16-8-2
 NT2 steel-cr17cu4ni4nb-l
 NT3 stainless steel-17-4ph
 NT2 steel-cr17mo
 NT3 stainless steel-440
 NT2 steel-cr17ni12mo3
 NT3 stainless steel-316
 NT2 steel-cr17ni12mo3-l
 NT3 stainless steel-316l
 NT3 stainless steel-zcnd17-13
 NT2 steel-cr17ni12monb
 NT2 steel-cr17ni13
 NT2 steel-cr17ni13mo2ti
 NT2 steel-cr17ni13mo3ti
 NT2 steel-cr17ni4mo3
 NT2 steel-cr17ni7
 NT3 stainless steel-301
 NT2 steel-cr18
 NT2 steel-cr18ni10
 NT3 stainless steel-18-10
 NT2 steel-cr18ni10-l
 NT2 steel-cr18ni10ti
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 NT3 steel-x6crni1811
 NT2 steel-cr18ni11nb
 NT3 stainless steel-347
 NT2 steel-cr18ni11nbco
 NT3 stainless steel-348
 NT2 steel-cr18ni12
 NT3 stainless steel-305
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 NT2 steel-cr18ni8
 NT3 stainless steel-18-8
 NT2 steel-cr18ni9
 NT3 stainless steel-302
 NT2 steel-cr18ni9ti

NT2 steel-cr19ni10
 NT3 stainless steel-304
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 NT2 steel-cr20ni11
 NT3 stainless steel-308
 NT2 steel-cr20ni11-l
 NT3 stainless steel-308l
 NT2 steel-cr21mn9ni6
 NT3 stainless steel-21-6-9
 NT2 steel-cr23ni14
 NT3 stainless steel-309
 NT3 stainless steel-309s
 NT2 steel-cr23ni18
 NT2 steel-cr25
 NT3 stainless steel-446
 NT2 steel-cr25ni20
 NT3 alloy-hk-40
 NT3 stainless steel-310
 NT2 steel-ni25cr20
 NT3 stainless steel-20-25
 NT2 steel-ni26cr15ti2movalb
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 NT2 steel-ni36cr12ti3al-l
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 NT2 gallium additions
 NT2 gallium base alloys
 NT1 germanium alloys
 NT2 germanium additions
 NT2 germanium base alloys
 NT1 heat resisting alloys
 NT2 alloy-co36cr22ni22w15fe3
 NT3 haynes 188 alloy
 NT2 alloy-co54cr20w15ni10
 NT3 alloy-hs-25
 NT3 haynes 25 alloy
 NT2 alloy-co60cr30w4
 NT3 stellite 6
 NT2 alloy-d-979
 NT2 alloy-fe44ni33cr21
 NT3 incoloy 800h
 NT2 alloy-fe46ni33cr21
 NT3 incoloy 800
 NT3 incoloy 802
 NT2 alloy-mo99
 NT3 alloy-tzm
 NT3 alloy-zm-2a
 NT2 alloy-n-10m
 NT2 alloy-n-9m
 NT2 alloy-ni41fe40cr16nb3
 NT3 inconel 706
 NT2 alloy-ni43fe30cr22mo3
 NT3 incoloy 825
 NT2 alloy-ni43fe33cr16mo3
 NT3 nimonic pe16
 NT2 alloy-ni46cr23co19ti5al4
 NT3 alloy-in-939
 NT2 alloy-ni49cr22fe18mo9
 NT3 hastelloy x
 NT2 alloy-ni50co20cr15al5mo5
 NT3 nimonic 105
 NT2 alloy-ni50cr22fe18mo9
 NT3 hastelloy xr
 NT2 alloy-ni50mo32cr15si3
 NT2 alloy-ni51cr48
 NT3 inconel 671
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 NT2 alloy-ni54cr22co13mo9
 NT3 inconel 617
 NT2 alloy-ni54mo17cr16fe6w4
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 NT2 alloy-ni55cr19co11mo10ti3
 NT3 rene 41
 NT2 alloy-ni58cr20co14mo4ti3

NT3 waspaloy
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 NT2 alloy-ni59cr30fe9
 NT3 inconel 690
 NT2 alloy-ni60co15cr10al6ti5mo3
 NT3 alloy-in-100
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 NT3 nichrome
 NT2 alloy-ni61cr16co9al3ti3w3
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 NT3 inconel 625
 NT2 alloy-ni62cr16mo15fe3
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 NT2 alloy-ni65cr25mo10
 NT3 nimonic 86
 NT2 alloy-ni70mo17cr7fe5
 NT3 hastelloy n
 NT3 inor-8
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 NT2 alloy-ni75cr12al6mo5
 NT3 inconel 713lc
 NT2 alloy-ni76cr15fe8
 NT3 inconel 600
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 NT2 alloy-ni77cr20ti2
 NT2 alloy-nt25a5
 NT2 alloy-ra-333
 NT2 alloy-s-590
 NT2 alloy-s-816
 NT2 alloy-v-36
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 NT2 alloy-zr98sn-4
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 NT2 rene 95
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 NT2 steel-cr16ni13monbv
 NT2 steel-cr16ni15mo3nb
 NT2 steel-cr16ni16monb
 NT2 steel-cr16ni8mo2
 NT3 stainless steel-16-8-2
 NT2 steel-cr17cu4ni4nb-l
 NT3 stainless steel-17-4ph
 NT2 steel-cr17mo
 NT3 stainless steel-440
 NT2 steel-cr17ni12mo3
 NT3 stainless steel-316
 NT2 steel-cr17ni12mo3-l
 NT3 stainless steel-316l
 NT3 stainless steel-zcnd17-13
 NT2 steel-cr17ni12monb
 NT2 steel-cr17ni13
 NT2 steel-cr17ni13mo2ti
 NT2 steel-cr17ni13mo3ti
 NT2 steel-cr17ni4mo3
 NT2 steel-cr17ni7

NT3 stainless steel-301
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 NT3 stainless steel-18-10
 NT2 steel-cr18ni10-l
 NT2 steel-cr18ni10ti
 NT3 stainless steel-321
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 NT3 steel-x6crni1811
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 NT3 stainless steel-347
 NT2 steel-cr18ni11nbco
 NT3 stainless steel-348
 NT2 steel-cr18ni12
 NT3 stainless steel-305
 NT2 steel-cr18ni12ti
 NT2 steel-cr18ni8
 NT3 stainless steel-18-8
 NT2 steel-cr18ni9
 NT3 stainless steel-302
 NT2 steel-cr18ni9ti
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 NT3 stainless steel-304
 NT2 steel-cr19ni10-l
 NT3 stainless steel-304l
 NT2 steel-cr20ni11
 NT3 stainless steel-308
 NT2 steel-cr20ni11-l
 NT3 stainless steel-308l
 NT2 steel-cr21mn9ni6
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 NT3 stainless steel-309s
 NT2 steel-cr23ni18
 NT2 steel-cr25
 NT3 stainless steel-446
 NT2 steel-cr25ni20
 NT3 alloy-hk-40
 NT3 stainless steel-310
 NT2 steel-cr2moninb
 NT2 steel-cr2mov
 NT2 steel-ni25cr20
 NT3 stainless steel-20-25
 NT2 steel-ni26cr15ti2movallb
 NT3 alloy-a-286
 NT2 steel-nimocr
 NT2 tophet
 NT2 tribaloy 800
 NT2 udimet alloys
 NT3 alloy-ni53co19cr15mo5al4ti3
 NT4 udimet 700
 NT3 udimet 500
 NT1 incoloy alloys
 NT2 alloy-fe44ni33cr21
 NT3 incoloy 800h
 NT2 alloy-fe46ni33cr21
 NT3 incoloy 800
 NT3 incoloy 802
 NT2 alloy-ni43fe30cr22mo3
 NT3 incoloy 825
 NT2 incoloy 901
 NT1 indium alloys
 NT2 indium additions
 NT2 indium base alloys
 NT1 intermetallic compounds
 NT2 cementite
 NT1 lead alloys
 NT2 alloy-bi50pb25cd12sn12
 NT3 wood metal
 NT2 cerrobend alloys
 NT2 lead additions
 NT2 lead base alloys
 NT3terne-metal
 NT2 lead-bismuth eutectic
 NT2 lichtenberg alloy
 NT2 newton-metal
 NT2 ounce metal
 NT2 rose-metal
 NT1 lithium alloys

NT2 lithium additions
 NT2 lithium base alloys
 NT1 magnesium alloys
 NT2 duranadium
 NT2 magnalium
 NT2 magnesium additions
 NT3 alloy-al95cu4
 NT4 duralumin
 NT3 bondur
 NT3 zamak
 NT2 magnesium base alloys
 NT3 magnesium alloy-az31b
 NT3 magnesium alloy-ek
 NT3 magnesium alloy-ez
 NT3 magnesium alloy-hk31a
 NT3 magnesium alloy-zr
 NT3 magnox
 NT1 mercury alloys
 NT2 mercury additions
 NT2 mercury base alloys
 NT1 nitrogen additions
 NT2 steel-cr21mn9ni6
 NT3 stainless steel-21-6-9
 NT2 steel-nicrmo
 NT1 phosphorus additions
 NT1 polonium alloys
 NT1 potassium alloys
 NT2 potassium base alloys
 NT1 rare earth alloys
 NT2 cerium alloys
 NT3 cerium additions
 NT3 cerium base alloys
 NT4 misch metal
 NT2 dysprosium alloys
 NT3 dysprosium additions
 NT3 dysprosium base alloys
 NT2 erbium alloys
 NT3 erbium additions
 NT3 erbium base alloys
 NT2 europium alloys
 NT3 europium additions
 NT3 europium base alloys
 NT2 gadolinium alloys
 NT3 gadolinium additions
 NT3 gadolinium base alloys
 NT2 holmium alloys
 NT3 holmium additions
 NT3 holmium base alloys
 NT2 lanthanum alloys
 NT3 lanthanum additions
 NT4 alloy-co36cr22ni22w15fe3
 NT5 haynes 188 alloy
 NT3 lanthanum base alloys
 NT3 misch metal
 NT2 lutetium alloys
 NT3 lutetium additions
 NT3 lutetium base alloys
 NT2 magnesium alloy-ek
 NT2 magnesium alloy-ez
 NT2 neodymium alloys
 NT3 neodymium additions
 NT3 neodymium base alloys
 NT2 praseodymium alloys
 NT3 praseodymium base alloys
 NT2 rare earth additions
 NT3 cerium additions
 NT3 dysprosium additions
 NT3 erbium additions
 NT3 europium additions
 NT3 gadolinium additions
 NT3 holmium additions
 NT3 lanthanum additions
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 NT5 haynes 188 alloy
 NT3 lutetium additions
 NT3 neodymium additions
 NT3 praseodymium additions
 NT3 promethium additions
 NT3 samarium additions

NT3 terbium additions
 NT3 thulium additions
 NT3 ytterbium additions
 NT2 samarium alloys
 NT3 samarium additions
 NT3 samarium base alloys
 NT2 terbium alloys
 NT3 terbium additions
 NT3 terbium base alloys
 NT2 thulium alloys
 NT3 thulium additions
 NT3 thulium base alloys
 NT2 ytterbium alloys
 NT3 ytterbium base alloys
 NT1 rubidium alloys
 NT2 rubidium additions
 NT2 rubidium base alloys
 NT1 selenium alloys
 NT2 selenium additions
 NT1 silicon alloys
 NT2 alloy-mo-re-1
 NT2 alloy-ni50mo32cr15si3
 NT2 alloy-ra-333
 NT2 cast iron
 NT2 colmonoy
 NT2 duriron
 NT2 silicon additions
 NT3 alloy-al95cu4
 NT4 duralumin
 NT3 alloy-fe40ni35cr22
 NT3 alloy-hs-31
 NT3 alloy-n28t3
 NT3 alloy-ni78cr21
 NT3 alloy-ni80cr20
 NT3 alloy-ni94mn3al2
 NT4 alumei
 NT3 alloy-s-816
 NT3 alloy-v-36
 NT3 aludur
 NT3 ascology
 NT3 bondur
 NT3 discaloy
 NT3 duranickel
 NT3 miduale
 NT3 ni-hard
 NT3 stainless steel-zcnd17-13
 NT3 steel-cr16ni9mo2
 NT2 supertherm
 NT2 tribaloy 800
 NT1 sodium alloys
 NT2 sodium additions
 NT2 sodium base alloys
 NT1 strontium alloys
 NT2 strontium additions
 NT1 sulfur additions
 NT2 ni-hard
 NT1 tellurium alloys
 NT2 tellurium additions
 NT1 thallium alloys
 NT2 thallium additions
 NT2 thallium base alloys
 NT1 tin alloys
 NT2 alloy-bi50pb25cd12sn12
 NT3 wood metal
 NT2 alloy-zr98sn-2
 NT3 zircaloy 2
 NT2 alloy-zr98sn-4
 NT3 zircaloy 4
 NT2 bronze
 NT2 cerrobend alloys
 NT2 lichtenberg alloy
 NT2 newton-metal
 NT2 ounce metal
 NT2 rose-metal
 NT2terne-metal
 NT2 tin additions
 NT3 zamak
 NT2 tin base alloys
 NT1 transition element alloys

NT2 chromium alloys
NT3 alloy-b-1900
NT3 alloy-co36cr22ni22w15fe3
NT4 haynes 188 alloy
NT3 alloy-co43cr20fe18ni13w3
NT4 havar
NT3 alloy-co54cr20w15ni10
NT4 alloy-hs-25
NT4 haynes 25 alloy
NT3 alloy-co60cr30w4
NT4 stellite 6
NT3 alloy-d-979
NT3 alloy-fe40ni35cr22
NT3 alloy-fe44ni33cr21
NT4 incoloy 800h
NT3 alloy-fe46ni33cr21
NT4 incoloy 800
NT4 incoloy 802
NT3 alloy-in-102
NT3 alloy-khn50mbvyu
NT3 alloy-mar-m246
NT3 alloy-mn-21
NT3 alloy-mo-re-1
NT3 alloy-mp35n
NT3 alloy-ni41fe40cr16nb3
NT4 inconel 706
NT3 alloy-ni43fe30cr22mo3
NT4 incoloy 825
NT3 alloy-ni43fe33cr16mo3
NT4 nimonic pe16
NT3 alloy-ni45fe34cr20
NT3 alloy-ni46cr23co19ti5al4
NT4 alloy-in-939
NT3 alloy-ni49cr22fe18mo9
NT4 hastelloy x
NT3 alloy-ni50co20cr15al5mo5
NT4 nimonic 105
NT3 alloy-ni50cr22fe18mo9
NT4 hastelloy xr
NT3 alloy-ni50mo32cr15si3
NT3 alloy-ni51cr48
NT4 inconel 671
NT3 alloy-ni53cr19fe19nb5mo3
NT4 inconel 718
NT3 alloy-ni54cr22co13mo9
NT4 inconel 617
NT3 alloy-ni54mo17cr16fe6w4
NT4 hastelloy c
NT3 alloy-ni55co17cr15mo5al4ti4
NT4 astroloy
NT3 alloy-ni55cr19co11mo10ti3
NT4 rene 41
NT3 alloy-ni58cr20co14mo4ti3
NT4 waspaloy
NT3 alloy-ni59cr20co17ti2
NT3 alloy-ni59cr30fe9
NT4 inconel 690
NT3 alloy-ni60co15cr10al6ti5mo3
NT4 alloy-in-100
NT3 alloy-ni60fe24cr16
NT4 nichrome
NT3 alloy-ni61cr16co9al3ti3w3
NT4 alloy-in-738
NT3 alloy-ni61cr22mo9nb4fe3
NT4 inconel 625
NT3 alloy-ni61cr23fe14
NT3 alloy-ni62cr16mo15fe3
NT4 hastelloy s
NT3 alloy-ni65cr25mo10
NT4 nimonic 86
NT3 alloy-ni70mo17cr7fe5
NT4 hastelloy n
NT4 inor-8
NT3 alloy-ni73cr15fe7ti3
NT4 inconel x750
NT3 alloy-ni73cr20mn3nb3
NT4 inconel 82
NT3 alloy-ni74cr13al6mo4
NT4 inconel 713c

NT3 alloy-ni75cr12al6mo5
NT4 inconel 713lc
NT3 alloy-ni76cr15fe8
NT4 inconel 600
NT3 alloy-ni76cr20ti2
NT4 nimonic 80a
NT3 alloy-ni77cr20ti2
NT3 alloy-ni78cr21
NT3 alloy-ni80cr20
NT3 alloy-ra-333
NT3 alloy-s-590
NT3 alloy-s-816
NT3 alloy-ti78cr11mo7al3
NT3 alloy-ti88mo8al3
NT3 alloy-ti91al5cr2
NT3 alloy-v-36
NT3 alloy-v87cr9fe3
NT3 ascology
NT3 chromium additions
NT4 alloy-ni65mo28fe5
NT5 hastelloy b
NT4 alloy-zr98sn-2
NT5 zircaloy 2
NT4 alloy-zr98sn-4
NT5 zircaloy 4
NT4 steel-crm0
NT4 steel-crmi
NT4 steel-mncumo
NT5 steel-astm-a537
NT4 steel-ni3cr
NT4 steel-nicr
NT4 steel-nicrmo
NT4 steel-nimocr
NT3 chromium base alloys
NT4 alloy-mo-re-2
NT3 chromium-nickel steels
NT4 alloy-d-9
NT4 carpenter
NT4 chromium-nickel-molybdenum steels
NT5 alloy-m-813
NT5 steel-cr11ni10mo2ti-l
NT5 steel-cr15ni15motib
NT5 steel-cr16ni13monbv
NT5 steel-cr16ni15mo3nb
NT5 steel-cr16ni16monb
NT5 steel-cr16ni8mo2
NT6 stainless steel-16-8-2
NT5 steel-cr16ni9mo2
NT5 steel-cr17ni12mo3
NT6 stainless steel-316
NT5 steel-cr17ni12mo3-l
NT6 stainless steel-316l
NT6 stainless steel-zcnd17-13
NT5 steel-cr17ni12monb
NT5 steel-cr17ni13mo2ti
NT5 steel-cr17ni13mo3ti
NT5 steel-ni26cr15ti2movalb
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NT4 durco
NT4 enduro
NT4 stainless steel-17-7ph
NT4 stainless steel-303
NT4 stainless steel-329
NT4 stainless steel-ph-15-7-mo
NT4 steel-cr17ni13
NT4 steel-cr17ni7
NT5 stainless steel-301
NT4 steel-cr18ni10
NT5 stainless steel-18-10
NT4 steel-cr18ni10-l
NT4 steel-cr18ni10ti
NT5 stainless steel-321
NT4 steel-cr18ni11
NT5 steel-x6crni1811
NT4 steel-cr18ni11nb
NT5 stainless steel-347
NT4 steel-cr18ni11nbco
NT5 stainless steel-348

NT4 steel-cr18ni12
NT5 stainless steel-305
NT4 steel-cr18ni12ti
NT4 steel-cr18ni8
NT5 stainless steel-18-8
NT4 steel-cr18ni9
NT5 stainless steel-302
NT4 steel-cr18ni9ti
NT4 steel-cr19ni10
NT5 stainless steel-304
NT4 steel-cr19ni10-l
NT5 stainless steel-304l
NT4 steel-cr20ni11
NT5 stainless steel-308
NT4 steel-cr20ni11-l
NT5 stainless steel-308l
NT4 steel-cr23ni14
NT5 stainless steel-309
NT5 stainless steel-309s
NT4 steel-cr23ni18
NT4 steel-cr25ni20
NT5 alloy-hk-40
NT5 stainless steel-310
NT4 steel-ni25cr20
NT5 stainless steel-20-25
NT4 steel-ni36cr12ti3al-l
NT4 timken alloys
NT3 chromium steels
NT4 chromium-molybdenum steels
NT5 chromium-nickel-molybdenum steels
NT6 alloy-m-813
NT6 steel-cr11ni10mo2ti-l
NT6 steel-cr15ni15motib
NT6 steel-cr16ni13monbv
NT6 steel-cr16ni15mo3nb
NT6 steel-cr16ni16monb
NT6 steel-cr16ni8mo2
NT7 stainless steel-16-8-2
NT6 steel-cr16ni9mo2
NT6 steel-cr17ni12mo3
NT7 stainless steel-316
NT6 steel-cr17ni12mo3-l
NT7 stainless steel-316l
NT7 stainless steel-zcnd17-13
NT6 steel-cr17ni12monb
NT6 steel-cr17ni13mo2ti
NT6 steel-cr17ni13mo3ti
NT6 steel-ni26cr15ti2movalb
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NT4 miduale
NT4 stainless steel-406
NT4 steel-cr10mo2
NT4 steel-cr12
NT5 stainless steel-403
NT4 steel-cr12moniv
NT4 steel-cr12mov
NT5 alloy-ht-9
NT4 steel-cr13
NT5 stainless steel-410
NT4 steel-cr13al
NT5 stainless steel-405
NT4 steel-cr16
NT5 stainless steel-430
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NT4 steel-cr17cu4ni4nb-l
NT5 stainless steel-17-4ph
NT4 steel-cr17mo
NT5 stainless steel-440
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NT4 steel-cr18
NT4 steel-cr25
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NT4 steel-cr9monbv
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NT3 discaloy
NT3 ge 2541

NT3 hoskins 875
NT3 illium
NT3 incoloy 901
NT3 kanthal
NT3 konel
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NT3 misco metal
NT3 ni-hard
NT3 ni-o-nel
NT3 microbraz 50
NT3 nimonic 115
NT3 rene-100
NT3 rene 80
NT3 rene 95
NT3 sicromo 9m
NT3 steel-cd-4mcu
NT3 steel-cr21mn9ni6
NT4 stainless steel-21-6-9
NT3 steel-cr2mo
NT4 steel-astm-a542
NT3 steel-cr2moninb
NT3 steel-cr2mov
NT3 steel-cr2nimov
NT3 steel-cr5mo
NT3 steel-cralnimov
NT3 steel-crmov
NT3 steel-ni3crmo
NT4 steel-astm-a543
NT3 steel-ni3crmov
NT3 steel-ni4crw
NT3 supertherm
NT3 sweetalloy
NT3 td-nickel chromium
NT3 tophet
NT3 tribaloy 400
NT3 tribaloy 800
NT3 udimet alloys
NT4 alloy-ni53co19cr15mo5al4ti3
NT5 udimet 700
NT4 udimet 500
NT3 vitallium
NT2 cobalt alloys
NT3 alloy-b-1900
NT3 alloy-fe44ni33cr21
NT4 incoloy 800h
NT3 alloy-fe53ni29co18
NT4 kovar
NT3 alloy-mar-m246
NT3 alloy-mp35n
NT3 alloy-ni46cr23co19ti5al4
NT4 alloy-in-939
NT3 alloy-ni49cr22fe18mo9
NT4 hastelloy x
NT3 alloy-ni50co20cr15al5mo5
NT4 nimonic 105
NT3 alloy-ni54cr22co13mo9
NT4 inconel 617
NT3 alloy-ni54mo17cr16fe6w4
NT4 hastelloy c
NT3 alloy-ni55co17cr15mo5al4ti4
NT4 astroloy
NT3 alloy-ni55cr19co11mo10ti3
NT4 rene 41
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NT4 waspaloy
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NT3 alloy-ni60co15cr10al6ti5mo3
NT4 alloy-in-100
NT3 alloy-ni61cr16co9al3ti3w3
NT4 alloy-in-738
NT3 alloy-ni65mo28fe5
NT4 hastelloy b
NT3 alloy-ra-333
NT3 alloy-s-590
NT3 alloy-s-816
NT3 alloy-v-36
NT3 alloy-yundk 25ba
NT3 alnico alloys
NT3 carboloy

NT3 cobalt additions
NT4 alloy-ni43fe33cr16mo3
NT5 nimonic pe16
NT4 alloy-ni62cr16mo15fe3
NT5 hastelloy s
NT4 steel-cr18ni11nbco
NT5 stainless steel-348
NT3 cobalt base alloys
NT4 alloy-co43cr20fe18ni13w3
NT5 havar
NT4 alloy-co50fe50
NT5 permendur
NT4 alloy-co52fe35v10
NT4 haynes alloys
NT5 alloy-co36cr22ni22w15fe3
NT6 haynes 188 alloy
NT5 alloy-co54cr20w15ni10
NT6 alloy-hs-25
NT6 haynes 25 alloy
NT5 alloy-co60cr30w4
NT6 stellite 6
NT4 mar-m509 alloys
NT4 stellite
NT5 alloy-co54cr20w15ni10
NT6 alloy-hs-25
NT6 haynes 25 alloy
NT5 alloy-co60cr30w4
NT6 stellite 6
NT5 alloy-hs-31
NT4 tribaloy 400
NT4 tribaloy 800
NT3 cunico
NT3 hiperco
NT3 kanthal
NT3 konel
NT3 magnet steel-ks
NT3 nimonic 115
NT3 rene-100
NT3 rene 80
NT3 rene 95
NT3 supertherm
NT3 timken alloys
NT3 udimet alloys
NT4 alloy-ni53co19cr15mo5al4ti3
NT5 udimet 700
NT4 udimet 500
NT3 vitallium
NT2 copper alloys
NT3 alloy-al95cu4
NT4 duralumin
NT3 alloy-ni43fe30cr22mo3
NT4 incoloy 825
NT3 alloy-ni66cu32
NT4 monel 400
NT3 alloy-yundk 25ba
NT3 bondur
NT3 copper additions
NT4 alloy-ni43fe33cr16mo3
NT5 nimonic pe16
NT4 alloy-ni60co15cr10al6ti5mo3
NT5 alloy-in-100
NT4 duranickel
NT4 steel-cr2mov
NT4 steel-cr2nimov
NT4 steel-crmov
NT4 steel-crni
NT4 steel-mncumo
NT5 steel-astm-a537
NT4 steel-ni3cr
NT4 steel-ni4crw
NT4 steel-nicr
NT4 steel-nicrmo
NT3 copper base alloys
NT4 alloy-cu52ni47
NT5 constantan
NT4 alloy-cu70ni30
NT4 alloy-cu90ni10
NT4 brass
NT5 brass-alpha

NT5 brass-beta
NT4 bronze
NT4 heusler alloys
NT4 manganin
NT4 muntz metal
NT4 nickeline alloy
NT4 ounce metal
NT4 tungsten bronze
NT3 cunico
NT3 heddur
NT3 illium
NT3 lynite
NT3 magnalium
NT3 ni-o-nel
NT3 steel-cd-4mcu
NT3 steel-cr17cu4ni4nb-l
NT4 stainless steel-17-4ph
NT3 steel-in-787
NT3 zamak
NT2 gold alloys
NT3 gold additions
NT3 gold base alloys
NT4 palau
NT2 hafnium alloys
NT3 alloy-c-103
NT3 alloy-ta90w8hf
NT4 tantalum alloy-t111
NT3 hafnium additions
NT4 astar 811c
NT3 hafnium base alloys
NT2 iron alloys
NT3 alloy-co36cr22ni22w15fe3
NT4 haynes 188 alloy
NT3 alloy-co43cr20fe18ni13w3
NT4 havar
NT3 alloy-co52fe35v10
NT3 alloy-co54cr20w15ni10
NT4 alloy-hs-25
NT4 haynes 25 alloy
NT3 alloy-co60cr30w4
NT4 stellite 6
NT3 alloy-hs-31
NT3 alloy-in-102
NT3 alloy-khn50mbvyu
NT3 alloy-mo-re-1
NT3 alloy-ni41fe40cr16nb3
NT4 inconel 706
NT3 alloy-ni43fe30cr22mo3
NT4 incoloy 825
NT3 alloy-ni43fe33cr16mo3
NT4 nimonic pe16
NT3 alloy-ni45fe34cr20
NT3 alloy-ni49cr22fe18mo9
NT4 hastelloy x
NT3 alloy-ni50co20cr15al5mo5
NT4 nimonic 105
NT3 alloy-ni50cr22fe18mo9
NT4 hastelloy xr
NT3 alloy-ni53cr19fe19nb5mo3
NT4 inconel 718
NT3 alloy-ni54mo17cr16fe6w4
NT4 hastelloy c
NT3 alloy-ni58cr20co14mo4ti3
NT4 waspaloy
NT3 alloy-ni59cr20co17ti2
NT3 alloy-ni59cr30fe9
NT4 inconel 690
NT3 alloy-ni60fe24cr16
NT4 nichrome
NT3 alloy-ni61cr22mo9nb4fe3
NT4 inconel 625
NT3 alloy-ni61cr23fe14
NT3 alloy-ni62cr16mo15fe3
NT4 hastelloy s
NT3 alloy-ni66cu32
NT4 monel 400
NT3 alloy-ni70mo17cr7fe5
NT4 hastelloy n
NT4 inor-8

NT3 alloy-ni73cr15fe7ti3	NT6 steel-cr17ni7	NT9 steel-cr11ni10mo2ti-l
NT4 inconel x750	NT7 stainless steel-301	NT9 steel-cr15ni15motib
NT3 alloy-ni76cr15fe8	NT6 steel-cr18ni10	NT9 steel-cr16ni13monbv
NT4 inconel 600	NT7 stainless steel-18-10	NT9 steel-cr16ni15mo3nb
NT3 alloy-ni77cr20ti2	NT6 steel-cr18ni10-l	NT9 steel-cr16ni16monb
NT3 alloy-ni78cr21	NT6 steel-cr18ni10ti	NT9 steel-cr16ni8mo2
NT3 alloy-ni79fe16mo4	NT7 stainless steel-321	NT10 stainless steel-16-8-2
NT3 alloy-ra-333	NT6 steel-cr18ni11	NT9 steel-cr16ni9mo2
NT3 alloy-s-816	NT7 steel-x6crni1811	NT9 steel-cr17ni12mo3
NT3 alloy-v-36	NT6 steel-cr18ni11nb	NT10 stainless steel-316
NT3 alloy-v87cr9fe3	NT7 stainless steel-347	NT9 steel-cr17ni12mo3-l
NT3 alloy-yundk 25ba	NT6 steel-cr18ni11nbco	NT10 stainless steel-316l
NT3 austenite	NT7 stainless steel-348	NT10 stainless steel-zcnd17-13
NT3 colmonoy	NT6 steel-cr18ni12	NT9 steel-cr17ni12monb
NT3 ferrite	NT7 stainless steel-305	NT9 steel-cr17ni13mo2ti
NT3 incoloy 901	NT6 steel-cr18ni12ti	NT9 steel-cr17ni13mo3ti
NT3 iron additions	NT6 steel-cr18ni8	NT9 steel-ni26cr15ti2movalb
NT4 alloy-al95cu4	NT7 stainless steel-18-8	NT10 alloy-a-286
NT5 duralumin	NT6 steel-cr18ni9	NT8 durco
NT4 alloy-ni46cr23co19ti5al4	NT7 stainless steel-302	NT8 enduro
NT5 alloy-in-939	NT6 steel-cr18ni9ti	NT8 stainless steel-17-7ph
NT4 alloy-ni60co15cr10al6ti5mo3	NT6 steel-cr19ni10	NT8 stainless steel-303
NT5 alloy-in-100	NT7 stainless steel-304	NT8 stainless steel-329
NT4 alloy-ni73cr20mn3nb3	NT6 steel-cr19ni10-l	NT8 stainless steel-ph-15-7-mo
NT5 inconel 82	NT7 stainless steel-304l	NT8 steel-cr17ni13
NT4 alloy-ni80cr20	NT6 steel-cr20ni11	NT8 steel-cr17ni7
NT4 alloy-ti88mo8al3	NT7 stainless steel-308	NT9 stainless steel-301
NT4 alloy-ti90al6mo3	NT6 steel-cr20ni11-l	NT8 steel-cr18ni10
NT4 alloy-ti90al6v4	NT7 stainless steel-308l	NT9 stainless steel-18-10
NT4 alloy-ti91al4mo3	NT6 steel-cr21mn9ni6	NT8 steel-cr18ni10-l
NT4 alloy-ti91al5cr2	NT7 stainless steel-21-6-9	NT8 steel-cr18ni10ti
NT4 alloy-zr98sn-2	NT6 steel-cr23ni14	NT9 stainless steel-321
NT5 zircaloy 2	NT7 stainless steel-309	NT8 steel-cr18ni11
NT4 alloy-zr98sn-4	NT7 stainless steel-309s	NT9 steel-x6crni1811
NT5 zircaloy 4	NT6 steel-cr23ni18	NT8 steel-cr18ni11nb
NT4 aludur	NT6 steel-cr25ni20	NT9 stainless steel-347
NT4 duranickel	NT7 alloy-hk-40	NT8 steel-cr18ni11nbco
NT4 rene 95	NT7 stainless steel-310	NT9 stainless steel-348
NT4 zamak	NT6 steel-ni25cr20	NT8 steel-cr18ni12
NT3 iron base alloys	NT7 stainless steel-20-25	NT9 stainless steel-305
NT4 alloy-co50fe50	NT6 steel-ni26cr15ti2movalb	NT8 steel-cr18ni12ti
NT5 permendur	NT7 alloy-a-286	NT8 steel-cr18ni8
NT4 alloy-fe40ni35cr22	NT5 carbon steels	NT9 stainless steel-18-8
NT4 alloy-fe44ni33cr21	NT6 steel-astm-a105	NT8 steel-cr18ni9
NT5 incoloy 800h	NT6 steel-astm-a106	NT9 stainless steel-302
NT4 alloy-fe46ni33cr21	NT6 steel-astm-a212	NT8 steel-cr18ni9ti
NT5 incoloy 800	NT6 steel-astm-a285	NT8 steel-cr19ni10
NT5 incoloy 802	NT6 steel-astm-a516	NT9 stainless steel-304
NT4 alloy-fe53ni29co18	NT6 steel-astm-a533-b	NT8 steel-cr19ni10-l
NT5 kovar	NT6 steel-in-787	NT9 stainless steel-304l
NT4 alnico alloys	NT6 steel-sae-1045	NT8 steel-cr20ni11
NT4 ascoloy	NT5 croloy	NT9 stainless steel-308
NT4 cast iron	NT6 steel-cr13	NT8 steel-cr20ni11-l
NT4 discaloy	NT7 stainless steel-410	NT9 stainless steel-308l
NT4 duriron	NT6 steel-cr16	NT8 steel-cr23ni14
NT4 ge 2541	NT7 stainless steel-430	NT9 stainless steel-309
NT4 hiperco	NT6 steel-cr18ni10	NT9 stainless steel-309s
NT4 hoskins 875	NT7 stainless steel-18-10	NT8 steel-cr23ni18
NT4 invar	NT6 steel-cr2mo	NT8 steel-cr25ni20
NT4 kanthal	NT7 steel-astm-a542	NT9 alloy-hk-40
NT4 sicromo 9m	NT6 steel-cr5mo	NT9 stainless steel-310
NT4 steel-cd-4mcu	NT5 ferritic steels	NT8 steel-ni25cr20
NT4 steels	NT6 steel-cr12moniv	NT9 stainless steel-20-25
NT5 austenitic steels	NT6 steel-cr13al	NT8 steel-ni36cr12ti3al-l
NT6 steel-cr15ni15motib	NT7 stainless steel-405	NT8 timken alloys
NT6 steel-cr16ni13monbv	NT6 steel-cr16	NT7 chromium steels
NT6 steel-cr16ni15mo3nb	NT7 stainless steel-430	NT8 chromium-molybdenum steels
NT6 steel-cr16ni16monb	NT6 steel-cr25	NT9 chromium-nickel-molybdenum steels
NT6 steel-cr16ni8mo2	NT7 stainless steel-446	NT10 alloy-m-813
NT7 stainless steel-16-8-2	NT6 steel-cr9mo	NT10 steel-cr11ni10mo2ti-l
NT6 steel-cr17ni12mo3	NT6 steel-cr9monbv	NT10 steel-cr15ni15motib
NT7 stainless steel-316	NT5 high alloy steels	NT10 steel-cr16ni13monbv
NT6 steel-cr17ni12mo3-l	NT6 stainless steels	NT10 steel-cr16ni15mo3nb
NT7 stainless steel-316l	NT7 chromium-nickel steels	NT10 steel-cr16ni16monb
NT7 stainless steel-zcnd17-13	NT8 alloy-d-9	*NT10 steel-cr16ni8mo2
NT6 steel-cr17ni12monb	NT8 carpenter	
NT6 steel-cr17ni13	NT8 chromium-nickel-molybdenum steels	
NT6 steel-cr17ni13mo2ti	NT9 alloy-m-813	
NT6 steel-cr17ni13mo3ti		

NT10 steel-cr16ni9mo2	NT7 steel-astm-a533-b	NT3 steel-mnmo
*NT10 steel-cr17ni12mo3	NT6 steel-mnnimov	NT4 steel-astm-a302
*NT10 steel-cr17ni12mo3-l	NT6 steel-ni3cr	NT3 steel-mnnimo
NT10 steel-cr17ni12monb	NT6 steel-ni3crmo	NT4 steel-astm-a533-b
NT10 steel-cr17ni13mo2ti	NT7 steel-astm-a543	NT3 steel-mnnimov
NT10 steel-cr17ni13mo3ti	NT6 steel-ni3crmov	NT2 molybdenum alloys
*NT10 steel-ni26cr15ti2movalb	NT6 steel-ni4crw	NT3 alloy-b-1900
NT8 magnet steel-ks	NT6 steel-nicr	NT3 alloy-co43cr20fe18ni13w3
NT8 miduale	NT6 steel-nicrmo	NT4 havar
NT8 stainless steel-406	NT6 steel-nimocr	NT3 alloy-d-979
NT8 steel-cr10mo2	NT5 manganese steels	NT3 alloy-in-102
NT8 steel-cr12	NT5 martensitic steels	NT3 alloy-khn50mbvyu
NT9 stainless steel-403	NT6 maraging steels	NT3 alloy-mar-m246
NT8 steel-cr12moniv	NT6 steel-cr10mo2	NT3 alloy-mn-21
NT8 steel-cr12mov	NT6 steel-cr12	NT3 alloy-mp35n
NT9 alloy-ht-9	NT7 stainless steel-403	NT3 alloy-n-10m
NT8 steel-cr13	NT6 steel-cr12mov	NT3 alloy-n-9m
NT9 stainless steel-410	NT7 alloy-ht-9	NT3 alloy-ni43fe30cr22mo3
NT8 steel-cr13al	NT6 steel-cr13	NT4 incoloy 825
NT9 stainless steel-405	NT7 stainless steel-410	NT3 alloy-ni43fe33cr16mo3
NT8 steel-cr16	NT6 steel-cr16ni	NT4 nimonic pe16
NT9 stainless steel-430	NT6 steel-cr17cu4ni4nb-l	NT3 alloy-ni49cr22fe18mo9
NT8 steel-cr16ni	NT7 stainless steel-17-4ph	NT4 hastelloy x
NT8 steel-cr17cu4ni4nb-l	NT6 steel-cr17mo	NT3 alloy-ni50co20cr15al5mo5
NT9 stainless steel-17-4ph	NT7 stainless steel-440	NT4 nimonic 105
NT8 steel-cr17mo	NT6 steel-cr18	NT3 alloy-ni50cr22fe18mo9
NT9 stainless steel-440	NT5 nickel steels	NT4 hastelloy xr
NT8 steel-cr17ni4mo3	NT6 sweetalloy	NT3 alloy-ni50mo32cr15si3
NT8 steel-cr18	NT5 steel-astm-a572	NT3 alloy-ni53cr19fe19nb5mo3
NT8 steel-cr25	NT3 konel	NT4 inconel 718
NT9 stainless steel-446	NT3 lynite	NT3 alloy-ni54cr22co13mo9
NT8 steel-cr9mo	NT3 martensite	NT4 inconel 617
NT8 steel-cr9monbv	NT3 misco metal	NT3 alloy-ni54mo17cr16fe6w4
NT7 low carbon-high alloy steels	NT3 ni-hard	NT4 hastelloy c
NT8 steel-cr11ni10mo2ti-l	NT3 orthonol	NT3 alloy-ni55co17cr15mo5al4ti4
NT8 steel-cr17cu4ni4nb-l	NT3 permalloy	NT4 astroloy
NT9 stainless steel-17-4ph	NT3 rene 41	NT3 alloy-ni55cr19co11mo10ti3
NT8 steel-cr17ni12mo3-l	NT3 supertherm	NT4 rene 41
NT9 stainless steel-316l	NT3 tribaloy 400	NT3 alloy-ni58cr20co14mo4ti3
NT9 stainless steel-zcnd17-13	NT3 tribaloy 800	NT4 waspaloy
NT8 steel-cr18ni10-l	NT2 manganese alloys	NT3 alloy-ni60co15cr10al6ti5mo3
NT8 steel-cr19ni10-l	NT3 alloy-co43cr20fe18ni13w3	NT4 alloy-in-100
NT9 stainless steel-304l	NT4 havar	NT3 alloy-ni61cr16co9al3ti3w3
NT8 steel-cr20ni11-l	NT3 alloy-mo-re-1	NT4 alloy-in-738
NT9 stainless steel-308l	NT3 alloy-ni73cr20mn3nb3	NT3 alloy-ni61cr22mo9nb4fe3
NT8 steel-ni36cr12ti3al-l	NT4 inconel 82	NT4 inconel 625
NT7 stainless steel-317	NT3 alloy-ni94mn3al2	NT3 alloy-ni62cr16mo15fe3
NT7 stainless steel-318	NT4 alume1	NT4 hastelloy s
NT7 stainless steel-422	NT3 alloy-s-816	NT3 alloy-ni65cr25mo10
NT7 stainless steel-fv-548	NT3 heusler alloys	NT4 nimonic 86
NT7 stainless steel-jbk-75	NT3 manganese additions	NT3 alloy-ni70mo17cr7fe5
NT7 stainless steel m-50	NT4 alloy-al95cu4	NT4 hastelloy n
NT7 steel-cr21mn9ni6	NT5 duralumin	NT4 inor-8
NT8 stainless steel-21-6-9	NT4 alloy-fe40ni35cr22	NT3 alloy-ni74cr13al6mo4
NT7 sweetalloy	NT4 alloy-fe53ni29co18	NT4 inconel 713c
NT5 low alloy steels	NT5 kovar	NT3 alloy-ni75cr12al6mo5
NT6 steel-astm-a350	NT4 alloy-hs-31	NT4 inconel 713lc
NT6 steel-astm-a387	NT4 alloy-n28t3	NT3 alloy-ni79fe16mo4
NT6 steel-astm-a508	NT4 alloy-ni66cu32	NT3 alloy-nx-188
NT6 steel-astm-a533	NT5 monel 400	NT3 alloy-ra-333
NT6 steel-cr2mo	NT4 alloy-ni78cr21	NT3 alloy-s-590
NT7 steel-astm-a542	NT4 alloy-v-36	NT3 alloy-s-816
NT6 steel-cr2moninb	NT4 ascology	NT3 alloy-ti78cr11mo7al3
NT6 steel-cr2mov	NT4 bondur	NT3 alloy-ti88mo8al3
NT6 steel-cr2nimov	NT4 discaloy	NT3 alloy-ti89al6mo3
NT6 steel-cr5mo	NT4 duranickel	NT3 alloy-ti90al6mo3
NT6 steel-cralnimo	NT4 duriron	NT3 alloy-ti90mo7al2
NT6 steel-crmno	NT4 magnesium alloy-az31b	NT3 alloy-ti91al4mo3
NT6 steel-crmov	NT4 miduale	NT3 alloy-ti91al5cr2
NT6 steel-crmi	NT4 ni-hard	NT3 alloy-v-36
NT6 steel-mncumo	NT4 steel-cr16ni9mo2	NT3 chlorimet
NT7 steel-astm-a537	NT3 manganese base alloys	NT3 chromium-molybdenum steels
NT6 steel-mnmo	NT3 manganese steels	NT4 chromium-nickel-molybdenum steels
NT7 steel-astm-a302	NT3 manganin	NT5 alloy-m-813
NT6 steel-mnnimo	NT3 stainless steel-zcnd17-13	NT5 steel-cr11ni10mo2ti-l
	NT4 stainless steel-21-6-9	NT5 steel-cr15ni15motib
	NT3 steel-mncumo	NT5 steel-cr16ni13monbv
	NT4 steel-astm-a537	NT5 steel-cr16ni15mo3nb

- NT5 steel-cr16ni16monb
 NT5 steel-cr16ni8mo2
 NT6 stainless steel-16-8-2
 NT5 steel-cr16ni9mo2
 NT5 steel-cr17ni12mo3
 NT6 stainless steel-316
 NT5 steel-cr17ni12mo3-l
 NT6 stainless steel-316l
 NT6 stainless steel-zcnd17-13
 NT5 steel-cr17ni12monb
 NT5 steel-cr17ni13mo2ti
 NT5 steel-cr17ni13mo3ti
 NT5 steel-ni26cr15ti2movalb
 NT6 alloy-a-286
 NT3 discaloy
 NT3 illium
 NT3 incoloy 901
 NT3 molybdenum additions
 NT4 alloy-ti90al6
 NT4 steel-cr12moniv
 NT4 steel-cr12mov
 NT5 alloy-ht-9
 NT4 steel-cr17mo
 NT5 stainless steel-440
 NT4 steel-cr2mo
 NT5 steel-astm-a542
 NT4 steel-cr2moninb
 NT4 steel-cr2mov
 NT4 steel-cr2nimov
 NT4 steel-cr5mo
 NT4 steel-cr9mo
 NT4 steel-cralnimo
 NT4 steel-crmov
 NT4 steel-crmov
 NT4 steel-mncumo
 NT5 steel-astm-a537
 NT4 steel-mnmo
 NT5 steel-astm-a302
 NT4 steel-mnnimo
 NT5 steel-astm-a533-b
 NT4 steel-mnnimov
 NT4 steel-ni3crmo
 NT5 steel-astm-a543
 NT4 steel-ni3crmov
 NT4 steel-nicrmo
 NT4 steel-nimocr
 NT3 molybdenum base alloys
 NT4 alloy-mo99
 NT5 alloy-tzm
 NT5 alloy-zm-2a
 NT4 alloy-mo99b
 NT3 ni-o-nel
 NT3 nimonic 115
 NT3 rene-100
 NT3 rene 80
 NT3 rene 95
 NT3 sicromo 9m
 NT3 stainless steel m-50
 NT3 steel-cd-4mcu
 NT3 steel-cr10mo2
 NT3 steel-cr17ni4mo3
 NT3 steel-cr9monbv
 NT3 steel-in-787
 NT3 timken alloys
 NT3 tribaloy 400
 NT3 tribaloy 800
 NT3 udimet alloys
 NT4 alloy-ni53co19cr15mo5al4ti3
 NT5 udimet 700
 NT4 udimet 500
 NT3 vitallium
 NT2 nickel alloys
 NT3 alloy-co36cr22ni22w15fe3
 NT4 haynes 188 alloy
 NT3 alloy-co43cr20fe18ni13w3
 NT4 havar
 NT3 alloy-co54cr20w15ni10
 NT4 alloy-hs-25
 NT4 haynes 25 alloy
 NT3 alloy-co60cr30w4
 NT4 stellite 6
 NT3 alloy-cu52ni47
 NT4 constantan
 NT3 alloy-d-979
 NT3 alloy-fe40ni35cr22
 NT3 alloy-fe44ni33cr21
 NT4 incoloy 800h
 NT3 alloy-fe46ni33cr21
 NT4 incoloy 800
 NT4 incoloy 802
 NT3 alloy-fe53ni29co18
 NT4 kovar
 NT3 alloy-hs-31
 NT3 alloy-mo-re-1
 NT3 alloy-mp35n
 NT3 alloy-n28t3
 NT3 alloy-s-590
 NT3 alloy-s-816
 NT3 alloy-v-36
 NT3 alloy-yundk 25ba
 NT3 alnico alloys
 NT3 ascology
 NT3 chromium-nickel steels
 NT4 alloy-d-9
 NT4 carpenter
 NT4 chromium-nickel-molybdenum steels
 NT5 alloy-m-813
 NT5 steel-cr11ni10mo2ti-l
 NT5 steel-cr15ni15motib
 NT5 steel-cr16ni13monbv
 NT5 steel-cr16ni15mo3nb
 NT5 steel-cr16ni16monb
 NT5 steel-cr16ni8mo2
 NT6 stainless steel-16-8-2
 NT5 steel-cr16ni9mo2
 NT5 steel-cr17ni12mo3
 NT6 stainless steel-316
 NT5 steel-cr17ni12mo3-l
 NT6 stainless steel-316l
 NT6 stainless steel-zcnd17-13
 NT5 steel-cr17ni12monb
 NT5 steel-cr17ni13mo2ti
 NT5 steel-cr17ni13mo3ti
 NT5 steel-ni26cr15ti2movalb
 NT6 alloy-a-286
 NT4 durco
 NT4 enduro
 NT4 stainless steel-17-7ph
 NT4 stainless steel-303
 NT4 stainless steel-329
 NT4 stainless steel-ph-15-7-mo
 NT4 steel-cr17ni13
 NT4 steel-cr17ni7
 NT5 stainless steel-301
 NT4 steel-cr18ni10
 NT5 stainless steel-18-10
 NT4 steel-cr18ni10-l
 NT4 steel-cr18ni10ti
 NT5 stainless steel-321
 NT4 steel-cr18ni11
 NT5 steel-x6crni1811
 NT4 steel-cr18ni11nb
 NT5 stainless steel-347
 NT4 steel-cr18ni11nbco
 NT5 stainless steel-348
 NT4 steel-cr18ni12
 NT5 stainless steel-305
 NT4 steel-cr18ni12ti
 NT4 steel-cr18ni8
 NT5 stainless steel-18-8
 NT4 steel-cr18ni9
 NT5 stainless steel-302
 NT4 steel-cr18ni9ti
 NT4 steel-cr19ni10
 NT5 stainless steel-304
 NT4 steel-cr19ni10-l
 NT5 stainless steel-304l
 NT4 steel-cr20ni11
 NT5 stainless steel-308
 NT4 steel-cr20ni11-l
 NT5 stainless steel-308l
 NT4 steel-cr23ni14
 NT5 stainless steel-309
 NT5 stainless steel-309s
 NT4 steel-cr23ni18
 NT4 steel-cr25ni20
 NT5 alloy-hk-40
 NT5 stainless steel-310
 NT4 steel-ni25cr20
 NT5 stainless steel-20-25
 NT4 steel-ni36cr12ti3al-l
 NT4 timken alloys
 NT3 cunico
 NT3 discaloy
 NT3 invar
 NT3 manganin
 NT3 misco metal
 NT3 ni-hard
 NT3 ni-o-nel
 NT3 nickel additions
 NT4 alloy-zr98sn-2
 NT5 zircaloy 2
 NT4 ounce metal
 NT4 steel-cr12moniv
 NT4 steel-cr2moninb
 NT4 steel-cr2mov
 NT4 steel-cralnimo
 NT4 steel-crmov
 NT4 steel-crmov
 NT4 steel-crmov
 NT4 steel-mncumo
 NT5 steel-astm-a537
 NT4 steel-mnnimo
 NT5 steel-astm-a533-b
 NT4 steel-nimocr
 NT3 nickel base alloys
 NT4 alloy-b-1900
 NT4 alloy-in-102
 NT4 alloy-in-853
 NT4 alloy-mar-m246
 NT4 alloy-mn-21
 NT4 alloy-mo-re-2
 NT4 alloy-ni43fe30cr22mo3
 NT5 incoloy 825
 NT4 alloy-ni45fe34cr20
 NT4 alloy-ni50mo32cr15si3
 NT4 alloy-ni55co17cr15mo5al4ti4
 NT5 astroloy
 NT4 alloy-ni55cr19co11mo10ti3
 NT5 rene 41
 NT4 alloy-ni58cr20co14mo4ti3
 NT5 waspaloy
 NT4 alloy-ni77cr20ti2
 NT4 alloy-ni78cr21
 NT4 alloy-ni79fe16mo4
 NT4 alloy-ni94mn3al2
 NT5 aludel
 NT4 alloy-nx-188
 NT4 alloy-ra-333
 NT4 chlorimet
 NT4 chromel
 NT5 alloy-ni60fe24cr16
 NT6 nichrome
 NT5 alloy-ni80cr20
 NT4 colmonoy
 NT4 duranickel
 NT4 hastelloys
 NT5 alloy-ni49cr22fe18mo9
 NT6 hastelloy x
 NT5 alloy-ni50cr22fe18mo9
 NT6 hastelloy xr
 NT5 alloy-ni54mo17cr16fe6w4
 NT6 hastelloy c
 NT5 alloy-ni62cr16mo15fe3
 NT6 hastelloy s
 NT5 alloy-ni65mo28fe5

NT6 hastelloy b
NT5 alloy-ni70mo17cr7fe5
NT6 hastelloy n
NT6 inor-8
NT4 illium
NT4 incoloy 901
NT4 inconel alloys
NT5 alloy-ni41fe40cr16nb3
NT6 inconel 706
NT5 alloy-ni46cr23co19ti5al4
NT6 alloy-in-939
NT5 alloy-ni51cr48
NT6 inconel 671
NT5 alloy-ni53cr19fe19nb5mo3
NT6 inconel 718
NT5 alloy-ni54cr22co13mo9
NT6 inconel 617
NT5 alloy-ni59cr30fe9
NT6 inconel 690
NT5 alloy-ni60co15cr10al6ti5mo3
NT6 alloy-in-100
NT5 alloy-ni61cr16co9al3ti3w3
NT6 alloy-in-738
NT5 alloy-ni61cr22mo9nb4fe3
NT6 inconel 625
NT5 alloy-ni61cr23fe14
NT5 alloy-ni73cr15fe7ti3
NT6 inconel x750
NT5 alloy-ni73cr20mn3nb3
NT6 inconel 82
NT5 alloy-ni74cr13al6mo4
NT6 inconel 713c
NT5 alloy-ni75cr12al6mo5
NT6 inconel 713c
NT5 alloy-ni76cr15fe8
NT6 inconel 600
NT5 inconel 700
NT5 inconel 738
NT5 inconel 739
NT4 konel
NT4 monel
NT5 alloy-ni66cu32
NT6 monel 400
NT4 microbraz 50
NT4 nimonic
NT5 alloy-ni43fe33cr16mo3
NT6 nimonic pe16
NT5 alloy-ni50co20cr15al5mo5
NT6 nimonic 105
NT5 alloy-ni59cr20co17ti2
NT5 alloy-ni65cr25mo10
NT6 nimonic 86
NT5 alloy-ni76cr15fe8
NT6 inconel 600
NT5 alloy-ni76cr20ti2
NT6 nimonic 80a
NT5 nimonic 115
NT5 nimonic 115a
NT4 rene-100
NT4 rene 80
NT4 rene 95
NT4 td-nickel chromium
NT4 tophet
NT4 udimet alloys
NT5 alloy-ni53co19cr15mo5al4ti3
NT6 udimet 700
NT5 udimet 500
NT3 nickel steels
NT4 sweetalloy
NT3 nickeline alloy
NT3 orthonol
NT3 permalloy
NT3 stainless steel-jbk-75
NT3 steel-cd-4mcu
NT3 steel-cr16ni
NT3 steel-cr17cu4ni4nb-l
NT4 stainless steel-17-4ph
NT3 steel-cr17ni4mo3
NT3 steel-cr21mn9ni6

NT4 stainless steel-21-6-9
NT3 steel-cr2nimov
NT3 steel-in-787
NT3 steel-mnnimov
NT3 steel-ni3cr
NT3 steel-ni3crmo
NT4 steel-astm-a543
NT3 steel-ni3crmov
NT3 steel-ni4crw
NT3 steel-nicr
NT3 steel-nicrmo
NT3 supertherm
NT2 niobium alloys
NT3 alloy-in-102
NT3 alloy-khn50mbvyu
NT3 alloy-mn-21
NT3 alloy-ni41fe40cr16nb3
NT4 inconel 706
NT3 alloy-ni53cr19fe19nb5mo3
NT4 inconel 718
NT3 alloy-ni61cr22mo9nb4fe3
NT4 inconel 625
NT3 alloy-ni73cr20mn3nb3
NT4 inconel 82
NT3 alloy-ni74cr13al6mo4
NT4 inconel 713c
NT3 alloy-ni75cr12al6mo5
NT4 inconel 713lc
NT3 alloy-s-590
NT3 alloy-s-816
NT3 alloy-u90nb7zr3
NT3 alloy-v-36
NT3 alloy-zr97nb3
NT3 niobium additions
NT4 alloy-ni45fe34cr20
NT4 alloy-ni46cr23co19ti5al4
NT5 alloy-in-939
NT4 alloy-ni61cr16co9al3ti3w3
NT5 alloy-in-738
NT4 alloy-ni73cr15fe7ti3
NT5 inconel x750
NT4 alloy-yundk 25ba
NT4 steel-cr16ni13monbv
NT4 steel-cr16ni15mo3nb
NT4 steel-cr16ni16monb
NT4 steel-cr17cu4ni4nb-l
NT5 stainless steel-17-4ph
NT4 steel-cr17ni12monb
NT4 steel-cr18ni11nb
NT5 stainless steel-347
NT4 steel-cr18ni11nbco
NT5 stainless steel-348
NT4 steel-cr2moninb
NT4 steel-cr9monbv
NT3 niobium base alloys
NT4 alloy-c-103
NT4 alloy-n-10m
NT4 alloy-n-9m
NT4 alloy-nt25a5
NT3 rene 95
NT3 steel-in-787
NT2 platinum metal alloys
NT3 iridium alloys
NT4 iridium additions
NT4 iridium base alloys
NT3 osmium alloys
NT4 osmium additions
NT4 osmium base alloys
NT3 palladium alloys
NT4 palau
NT4 palladium base alloys
NT3 platinum alloys
NT4 platinum base alloys
NT3 rhodium alloys
NT4 rhodium additions
NT4 rhodium base alloys
NT3 ruthenium alloys
NT4 ruthenium additions
NT4 ruthenium base alloys

NT2 rhenium alloys
NT3 rhenium additions
NT3 rhenium base alloys
NT2 scandium alloys
NT3 scandium additions
NT3 scandium base alloys
NT2 silver alloys
NT3 silver additions
NT3 silver base alloys
NT2 tantalum alloys
NT3 alloy-b-1900
NT3 alloy-c-103
NT3 alloy-mar-m246
NT3 alloy-ni46cr23co19ti5al4
NT4 alloy-in-939
NT3 alloy-ni61cr16co9al3ti3w3
NT4 alloy-in-738
NT3 alloy-s-816
NT3 alloy-v-36
NT3 carboloy
NT3 tantalum additions
NT4 alloy-n-10m
NT3 tantalum base alloys
NT4 alloy-ta90w8hf
NT5 tantalum alloy-t111
NT4 astar 811c
NT4 tantalum alloy-t222
NT2 technetium alloys
NT3 technetium additions
NT3 technetium base alloys
NT2 titanium alloys
NT3 alloy-b-1900
NT3 alloy-c-103
NT3 alloy-d-979
NT3 alloy-in-853
NT3 alloy-m-813
NT3 alloy-mar-m246
NT3 alloy-n28t3
NT3 alloy-ni41fe40cr16nb3
NT4 inconel 706
NT3 alloy-ni43fe33cr16mo3
NT4 nimonic pe16
NT3 alloy-ni46cr23co19ti5al4
NT4 alloy-in-939
NT3 alloy-ni50co20cr15al5mo5
NT4 nimonic 105
NT3 alloy-ni55co17cr15mo5al4ti4
NT4 astroloy
NT3 alloy-ni55cr19co11mo10ti3
NT4 rene 41
NT3 alloy-ni58cr20co14mo4ti3
NT4 waspaloy
NT3 alloy-ni59cr20co17ti2
NT3 alloy-ni60co15cr10al6ti5mo3
NT4 alloy-in-100
NT3 alloy-ni61cr16co9al3ti3w3
NT4 alloy-in-738
NT3 alloy-ni73cr15fe7ti3
NT4 inconel x750
NT3 alloy-ni76cr20ti2
NT4 nimonic 80a
NT3 alloy-ni77cr20ti2
NT3 alloy-nt25a5
NT3 carboloy
NT3 discaloy
NT3 incoloy 901
NT3 konel
NT3 ni-o-nel
NT3 rene-100
NT3 rene 80
NT3 rene 95
NT3 stainless steel-jbk-75
NT3 steel-cr11ni10mo2ti-l
NT3 steel-ni26cr15ti2movalb
NT4 alloy-a-286
NT3 steel-ni36cr12ti3al-l
NT3 titanium additions
NT4 alloy-fe44ni33cr21
NT5 incoloy 800h

NT4 alloy-fe46ni33cr21
NT5 incoloy 800
NT5 incoloy 802
NT4 alloy-in-102
NT4 alloy-mo99
NT5 alloy-tzm
NT5 alloy-zm-2a
NT4 alloy-n-10m
NT4 alloy-ni43fe30cr22mo3
NT5 incoloy 825
NT4 alloy-ni51cr48
NT5 inconel 671
NT4 alloy-ni53cr19fe19nb5mo3
NT5 inconel 718
NT4 alloy-ni59cr30fe9
NT5 inconel 690
NT4 alloy-ni61cr22mo9nb4fe3
NT5 inconel 625
NT4 alloy-ni70mo17cr7fe5
NT5 hastelloy n
NT5 inor-8
NT4 alloy-ni73cr20mn3nb3
NT5 inconel 82
NT4 alloy-ni74cr13al6mo4
NT5 inconel 713c
NT4 alloy-ni75cr12al6mo5
NT5 inconel 713lc
NT4 alloy-ni76cr15fe8
NT5 inconel 600
NT4 alloy-ni78cr21
NT4 duranickel
NT4 steel-cr15ni15motib
NT4 steel-cr17ni13mo2ti
NT4 steel-cr17ni13mo3ti
NT4 steel-cr18ni10ti
NT5 stainless steel-321
NT4 steel-cr18ni12ti
NT4 steel-cr18ni9ti
NT3 titanium base alloys
NT4 alloy-ti78cr11mo7al3
NT4 alloy-ti88mo8al3
NT4 alloy-ti89al6mo3
NT4 alloy-ti90al6
NT4 alloy-ti90al6mo3
NT4 alloy-ti90al6v4
NT4 alloy-ti90mo7al2
NT4 alloy-ti91al4mo3
NT4 alloy-ti91al5cr2
NT4 alloy-ti99
NT3 udimet alloys
NT4 alloy-ni53co19cr15mo5al4ti3
NT5 udimet 700
NT4 udimet 500
NT2 tungsten alloys
NT3 alloy-c-103
NT3 alloy-co36cr22ni22w15fe3
NT4 haynes 188 alloy
NT3 alloy-co43cr20fe18ni13w3
NT4 havar
NT3 alloy-co54cr20w15ni10
NT4 alloy-hs-25
NT4 haynes 25 alloy
NT3 alloy-co60cr30w4
NT4 stellite 6
NT3 alloy-d-979
NT3 alloy-in-102
NT3 alloy-khn50mbvyu
NT3 alloy-mar-m246
NT3 alloy-mn-21
NT3 alloy-mo-re-1
NT3 alloy-ni54mo17cr16fe6w4
NT4 hastelloy c
NT3 alloy-ni61cr16co9al3ti3w3
NT4 alloy-in-738
NT3 alloy-ra-333
NT3 alloy-s-590
NT3 alloy-s-816
NT3 alloy-ta90w8hf
NT4 tantalum alloy-t111

NT3 alloy-v-36
NT3 astar 811c
NT3 carbology
NT3 magnet steel-ks
NT3 miduale
NT3 rene 80
NT3 rene 95
NT3 supertherm
NT3 tungsten additions
NT4 alloy-ni49cr22fe18mo9
NT5 hastelloy x
NT4 alloy-ni50cr22fe18mo9
NT5 hastelloy xr
NT4 alloy-ni62cr16mo15fe3
NT5 hastelloy s
NT4 steel-ni4crw
NT3 tungsten base alloys
NT4 alloy-mo-re-2
NT3 tungsten bronze
NT3 udimet 500
NT2 vanadium alloys
NT3 alloy-co52fe35v10
NT3 alloy-ti90al6v4
NT3 alloy-ti91al4mo3
NT3 vanadium additions
NT4 alloy-ni54mo17cr16fe6w4
NT5 hastelloy c
NT4 alloy-ni60co15cr10al6ti5mo3
NT5 alloy-in-100
NT4 alloy-ni62cr16mo15fe3
NT5 hastelloy s
NT4 alloy-ni65mo28fe5
NT5 hastelloy b
NT4 alloy-ti90al6
NT4 steel-cr12moniv
NT4 steel-cr12mov
NT5 alloy-ht-9
NT4 steel-cr16ni13monbv
NT4 steel-cr2mov
NT4 steel-cr2nimov
NT4 steel-cr9monbv
NT4 steel-crmov
NT4 steel-mnnimov
NT4 steel-ni26cr15ti2movalb
NT5 alloy-a-286
NT4 steel-ni3crmo
NT5 steel-astm-a543
NT4 steel-ni3crmov
NT3 vanadium base alloys
NT4 alloy-v87cr9fe3
NT2 yttrium alloys
NT3 alloy-c-103
NT3 ge 2541
NT3 yttrium base alloys
NT2 zirconium alloys
NT3 alloy-c-103
NT3 alloy-ti89al6mo3
NT3 alloy-ti90al6
NT3 alloy-u90nb7zr3
NT3 alloy-v87cr9fe3
NT3 zirconium additions
NT4 alloy-in-102
NT4 alloy-mo99
NT5 alloy-tzm
NT5 alloy-zm-2a
NT4 alloy-mo99b
NT4 alloy-n-10m
NT4 alloy-n-9m
NT4 alloy-ni43fe33cr16mo3
NT5 nimonic pe16
NT4 alloy-ni46cr23co19ti5al4
NT5 alloy-in-939
NT4 alloy-ni55co17cr15mo5al4ti4
NT5 astroloy
NT4 alloy-ni58cr20co14mo4ti3
NT5 waspaloy
NT4 alloy-ni59cr20co17ti2
NT4 alloy-ni60co15cr10al6ti5mo3
NT5 alloy-in-100

NT4 alloy-ni61cr16co9al3ti3w3
NT5 alloy-in-738
NT4 alloy-ni74cr13al6mo4
NT5 inconel 713c
NT4 alloy-ni75cr12al6mo5
NT5 inconel 713lc
NT4 alloy-ni76cr20ti2
NT5 nimonic 80a
NT4 magnesium alloy-ek
NT4 magnesium alloy-ez
NT4 magnesium alloy-hk31a
NT4 rene 80
NT4 rene 95
NT3 zirconium base alloys
NT4 alloy-zr97nb3
NT4 zircaloy
NT5 alloy-zr98sn-2
NT6 zircaloy 2
NT5 alloy-zr98sn-4
NT6 zircaloy 4
NT1 zinc alloys
NT2 brass
NT3 brass-alpha
NT3 brass-beta
NT2 lynite
NT2 magnesium alloy-az31b
NT2 magnesium alloy-ez
NT2 magnesium alloy-zr
NT2 muntz metal
NT2 ounce metal
NT2 zinc additions
NT3 nickeline alloy
NT2 zinc base alloys
NT3 zamak
RT alloy systems
RT binary mixtures
RT metallic glasses
RT metals
RT semimetals
RT solid solutions

ALLUVIAL DEPOSITS

Earth, sand, gravel, or other mineral materials transported by and laid down by flowing water.

BT1 geologic deposits
RT clays
RT ground water
RT placers
RT sand
RT sediments
RT soils
RT surface waters

ALLYL RADICALS

*BT1 alkyl radicals

alma-ata wwr-k reactor

INIS: 1984-06-21; ETDE: 1997-08-30
 USE wwr-k-almaty reactor

ALMARAZ-1 REACTOR

INIS: 1977-04-07; ETDE: 1977-06-02
 Almaraz, Caceres, Spain.
 *BT1 pwr type reactors

ALMARAZ-2 REACTOR

INIS: 1977-04-07; ETDE: 1977-06-02
 Almaraz, Caceres, Spain.
 *BT1 pwr type reactors

almaty wwr-k reactor

INIS: 1997-07-30; ETDE: 1997-08-30
 USE wwr-k-almaty reactor

almendro event

1994-10-13
A test made during operation toggle.
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE nuclear explosions

USE underground explosions

ALNICO ALLOYS

*BT1 aluminium alloys
*BT1 cobalt alloys
*BT1 iron base alloys
*BT1 nickel alloys

ALOE

*BT1 liliopsida
*BT1 medicinal plants

ALOUETTE SATELLITES

BT1 satellites

alpha autoradiography

2000-10-18

USE alpha particles
USE autoradiography

ALPHA BEAMS

*BT1 helium 4 beams
RT alpha particles

ALPHA-BEARING WASTES

INIS: 1979-04-27; ETDE: 1979-05-25

UF transuranium wastes
UF tru wastes
*BT1 radioactive wastes
RT low-level radioactive wastes
RT slagging pyrolysis process
RT wipp

ALPHA DECAY

*BT1 nuclear decay
RT alpha decay radioisotopes
RT alpha particles
RT delayed alpha particles
RT gamow barrier
RT geiger-nuttall law

ALPHA DECAY RADIOISOTOPES

1997-06-05

*BT1 radioisotopes
NT1 actinium 206
NT1 actinium 207
NT1 actinium 208
NT1 actinium 209
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NT1 astatine 191
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NT1 bismuth 184
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NT1 copernicium 277

NT1 copernicium 285
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 NT1 hassium 263
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 NT1 helium 5
 NT1 holmium 151
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 NT1 iodine 108
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 NT1 iridium 164
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 NT1 livermorium 290
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 NT1 radon 219
 NT1 radon 220
 NT1 radon 221
 NT1 radon 222
 NT1 rhenium 160
 NT1 rhenium 161
 NT1 rhenium 162
 NT1 rhenium 163
 NT1 rhenium 164
 NT1 rhenium 165
 NT1 rhenium 166
 NT1 rhenium 167
 NT1 rhenium 168
 NT1 rhenium 169
 NT1 roentgenium 272
 NT1 roentgenium 273
 NT1 roentgenium 274
 NT1 roentgenium 279
 NT1 roentgenium 280
 NT1 rutherfordium 253
 NT1 rutherfordium 254
 NT1 rutherfordium 255
 NT1 rutherfordium 256
 NT1 rutherfordium 257
 NT1 rutherfordium 258
 NT1 rutherfordium 259
 NT1 rutherfordium 261
 NT1 samarium 146
 NT1 samarium 147
 NT1 samarium 148
 NT1 seaborgium 258
 NT1 seaborgium 259
 NT1 seaborgium 260
 NT1 seaborgium 261
 NT1 seaborgium 262
 NT1 seaborgium 263
 NT1 seaborgium 264
 NT1 seaborgium 265
 NT1 seaborgium 266
 NT1 seaborgium 268
 NT1 seaborgium 270
 NT1 seaborgium 271
 NT1 seaborgium 272
 NT1 tantalum 157
 NT1 tantalum 158
 NT1 tantalum 159
 NT1 tantalum 160
 NT1 tantalum 161
 NT1 tantalum 163
 NT1 tantalum 164
 NT1 tellurium 105
 NT1 tellurium 106
 NT1 tellurium 107
 NT1 tellurium 108
 NT1 tellurium 109
 NT1 tellurium 110
 NT1 terbium 149
 NT1 terbium 151
 NT1 thallium 177
 NT1 thallium 178
 NT1 thallium 179
 NT1 thallium 180

NT1 thallium 181
 NT1 thallium 182
 NT1 thallium 183
 NT1 thallium 184
 NT1 thallium 185
 NT1 thallium 186
 NT1 thallium 187
 NT1 thorium 209
 NT1 thorium 210
 NT1 thorium 211
 NT1 thorium 212
 NT1 thorium 213
 NT1 thorium 214
 NT1 thorium 215
 NT1 thorium 216
 NT1 thorium 217
 NT1 thorium 218
 NT1 thorium 219
 NT1 thorium 220
 NT1 thorium 221
 NT1 thorium 222
 NT1 thorium 223
 NT1 thorium 224
 NT1 thorium 225
 NT1 thorium 226
 NT1 thorium 227
 NT1 thorium 228
 NT1 thorium 229
 NT1 thorium 230
 NT1 thorium 232
 NT1 thulium 153
 NT1 thulium 154
 NT1 thulium 155
 NT1 thulium 156
 NT1 thulium 157
 NT1 tungsten 158
 NT1 tungsten 159
 NT1 tungsten 160
 NT1 tungsten 161
 NT1 tungsten 162
 NT1 tungsten 163
 NT1 tungsten 164
 NT1 tungsten 165
 NT1 tungsten 166
 NT1 uranium 217
 NT1 uranium 218
 NT1 uranium 219
 NT1 uranium 220
 NT1 uranium 221
 NT1 uranium 222
 NT1 uranium 223
 NT1 uranium 224
 NT1 uranium 225
 NT1 uranium 226
 NT1 uranium 227
 NT1 uranium 228
 NT1 uranium 229
 NT1 uranium 230
 NT1 uranium 231
 NT1 uranium 232
 NT1 uranium 233
 NT1 uranium 234
 NT1 uranium 235
 NT1 uranium 236
 NT1 uranium 238
 NT1 xenon 109
 NT1 xenon 110
 NT1 xenon 111
 NT1 xenon 112
 NT1 ytterbium 154
 NT1 ytterbium 155
 NT1 ytterbium 156
 NT1 ytterbium 157
 NT1 ytterbium 158
 RT alpha decay

ALPHA DETECTION

*BT1 charged particle detection
 RT alpha dosimetry

RT alpha spectrometers
RT alpha spectroscopy

alpha device

1996-07-16

(Until July 1996 this was a valid descriptor.)

USE tlp devices

ALPHA DOSIMETRY

BT1 dosimetry
RT alpha detection

alpha-nitroso-beta-naphthol

USE 1-nitroso-2-naphthol

alpha particle model

USE cluster model

ALPHA PARTICLES

Emitted by nuclei.

UF alpha autoradiography
BT1 charged particles
*BT1 ionizing radiations
NT1 cosmic alpha particles
NT1 delayed alpha particles
NT1 solar alpha particles
RT alpha beams
RT alpha decay
RT alpha sources
RT alpha spectra
RT geiger-nuttall law
RT helium ash
RT helium ions

ALPHA REACTIONS

UF helium 4 reactions
*BT1 charged-particle reactions

ALPHA SOURCES

BT1 ion sources
*BT1 particle sources
RT alpha particles

ALPHA SPECTRA

BT1 spectra
RT alpha particles

ALPHA SPECTROMETERS

*BT1 spectrometers
RT alpha detection

alpha spectrometry

INIS: 1975-10-23; ETDE: 2002-06-07

USE alpha spectroscopy

ALPHA SPECTROSCOPY

UF alpha spectrometry
BT1 spectroscopy
RT alpha detection

ALPHA-TRANSFER REACTIONS

*BT1 four-nucleon transfer reactions

ALPS

BT1 mountains
RT albania
RT austria
RT croatia
RT federal republic of germany
RT france
RT italy
RT slovenia
RT switzerland

ALRR REACTOR

Ames Laboratory, Iowa State Univ., Ames, Iowa, USA. Shut down in 1977.

UF ames laboratory research reactor
*BT1 enriched uranium reactors
*BT1 heavy water cooled reactors
*BT1 heavy water moderated reactors
*BT1 isotope production reactors
*BT1 research reactors

*BT1 tank type reactors
*BT1 thermal reactors

als storage ring

INIS: 1992-08-17; ETDE: 1992-06-11

USE advanced light source

ALTAMAHA RIVER

INIS: 2000-04-12; ETDE: 1980-12-08

*BT1 rivers
RT georgia (u.s. state of)
RT hydroelectric power plants

alternate fuels

INIS: 2000-04-12; ETDE: 1979-03-29

See specific fuel headings, e.g., gasoline, hydrogen fuels, etc.

SEE fuel substitution
SEE synthetic fuels

ALTERNATING CURRENT

UF current (alternating)
*BT1 electric currents
RT alternators
RT parametric instabilities

alternating current systems

INIS: 1991-12-17; ETDE: 2002-06-07

USE ac systems

ALTERNATIVE FUELS

2011-01-25

BT1 fuels
NT1 biofuels
NT2 biodiesel fuels
NT2 wood fuels
NT1 refuse derived fuels
NT1 solvent-refined coal
NT1 synthetic fuels
NT2 alcohol fuels
NT3 ethanol fuels
NT3 methanol fuels
NT2 hydrogen fuels
NT2 pyrolytic oils
NT2 synthetic petroleum
RT bioethanol
RT biomass
RT fuel substitution

ALTERNATIVE WORK SCHEDULES

INIS: 2000-04-12; ETDE: 1984-05-08

UF compressed work week
UF flexitime
UF part-time work schedules
UF shift work
BT1 administrative procedures
RT personnel
RT working days

ALTERNATORS

*BT1 electric generators
RT alternating current
RT automotive accessories

althein

USE asparagine

ALTIMETERS

BT1 measuring instruments

ALTITUDE

INIS: 1996-08-05; ETDE: 1993-08-10

(Until July 1996 this concept was indexed to LEVELS.)

RT height
RT levels
RT sun charts

alto lazio-1 reactor

INIS: 1985-03-15; ETDE: 1985-04-09

USE montalto di castro-1 reactor

alto lazio-2 reactor

INIS: 1985-03-15; ETDE: 1985-04-09

USE montalto di castro-2 reactor

ALUDUR

2000-04-12

*BT1 aluminium base alloys
*BT1 iron additions
*BT1 silicon additions

ALUMEL

1993-10-03

*BT1 alloy-ni94mn3al2

ALUMINATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 aluminium compounds
BT1 oxygen compounds
RT aluminium oxides

aluminia

INIS: 1975-09-01; ETDE: 1979-05-03

USE aluminium oxides

ALUMINIUM

UF aluminum
*BT1 metals
RT lime-soda sinter process
RT sintered aluminium powders

ALUMINIUM 21

2007-09-25

*BT1 aluminium isotopes
*BT1 light nuclei
*BT1 odd-even nuclei
*BT1 proton decay radioisotopes

ALUMINIUM 22

INIS: 1977-06-13; ETDE: 1977-10-19

*BT1 aluminium isotopes
*BT1 beta-plus decay radioisotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei

ALUMINIUM 23

*BT1 aluminium isotopes
*BT1 beta-plus decay radioisotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei

ALUMINIUM 24

*BT1 aluminium isotopes
*BT1 beta-plus decay radioisotopes
*BT1 isomeric transition isotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes

ALUMINIUM 25

*BT1 aluminium isotopes
*BT1 beta-plus decay radioisotopes
*BT1 light nuclei
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes

ALUMINIUM 25 TARGET

INIS: 1979-04-27; ETDE: 1979-05-25

BT1 targets

ALUMINIUM 26

*BT1 aluminium isotopes
*BT1 beta-plus decay radioisotopes
*BT1 light nuclei
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes
*BT1 years living radioisotopes

RT aluminium 26 beams

ALUMINIUM 26 BEAMS

2014-04-25

*BT1 radioactive ion beams

RT aluminium 26

ALUMINIUM 26 TARGET

INIS: 1984-06-21; ETDE: 1982-11-08

BT1 targets

ALUMINIUM 27

*BT1 aluminium isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

*BT1 stable isotopes

RT aluminium 27 beams

ALUMINIUM 27 BEAMS

INIS: 1977-01-25; ETDE: 1977-04-13

*BT1 ion beams

RT aluminium 27

ALUMINIUM 27 REACTIONS

INIS: 1978-08-30; ETDE: 1978-10-19

*BT1 heavy ion reactions

ALUMINIUM 27 TARGET

ETDE: 1976-07-09

BT1 targets

ALUMINIUM 28

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

ALUMINIUM 28 TARGET

INIS: 1979-04-27; ETDE: 1979-05-25

BT1 targets

ALUMINIUM 29

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

ALUMINIUM 30

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

ALUMINIUM 31

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

ALUMINIUM 32

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

ALUMINIUM 33

*BT1 aluminium isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

ALUMINIUM 34

INIS: 1977-10-17; ETDE: 1977-08-09

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

ALUMINIUM 35

INIS: 1979-09-18; ETDE: 1979-04-11

*BT1 aluminium isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

ALUMINIUM 36

INIS: 1980-07-24; ETDE: 1980-02-11

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 odd-odd nuclei

ALUMINIUM 37

INIS: 1980-07-24; ETDE: 1980-02-11

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 odd-even nuclei

ALUMINIUM 38

INIS: 1989-09-14; ETDE: 1989-10-16

*BT1 aluminium isotopes

*BT1 light nuclei

*BT1 odd-odd nuclei

ALUMINIUM 39

INIS: 1989-09-14; ETDE: 1989-10-16

*BT1 aluminium isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

ALUMINIUM 40

2005-01-19

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 nanoseconds living radioisotopes

*BT1 odd-odd nuclei

ALUMINIUM 41

2007-09-25

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

ALUMINIUM 42

2007-09-25

*BT1 aluminium isotopes

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

ALUMINIUM ADDITIONS

1996-11-13

Alloys containing not more than 1% Al are listed here.

*BT1 aluminium alloys

NT1 alloy-fe44ni33cr21

NT2 incoloy 800h

NT1 alloy-fe46ni33cr21

NT2 incoloy 800

NT2 incoloy 802

NT1 alloy-in-102

NT1 alloy-ni43fe30cr22mo3

NT2 incoloy 825

NT1 alloy-ni53cr19fe19nb5mo3

NT2 inconel 718

NT1 alloy-ni54cr22co13mo9

NT2 inconel 617

NT1 alloy-ni61cr22mo9nb4fe3

NT2 inconel 625

NT1 alloy-ni62cr16mo15fe3

NT2 hastelloy s

NT1 alloy-ni70mo17cr7fe5

NT2 hastelloy n

NT2 inor-8

NT1 alloy-ni73cr15fe7ti3

NT2 inconel x750

NT1 alloy-ni76cr15fe8

NT2 inconel 600

NT1 alloy-ni77cr20ti2

NT1 alloy-ni78cr21

NT1 alloy-ni80cr20

NT1 discaloy

NT1 incoloy 901

NT1 steel-cr13al

NT2 stainless steel-405

NT1 steel-cralnimo

NT1 steel-ni26cr15ti2movalb

NT2 alloy-a-286

NT1 steel-ni36cr12ti3al-l

ALUMINIUM-AIR BATTERIES

INIS: 2000-04-12; ETDE: 1980-03-04

*BT1 metal-gas batteries

ALUMINIUM ALLOYS

1996-11-13

Alloys containing more than 1% Al.

UF alloy-ni78cr16al4

UF inconel 702

UF sichromal alloys

BT1 alloys

NT1 alloy-b-1900

NT1 alloy-d-979

NT1 alloy-in-853

NT1 alloy-khn50mbvyu

NT1 alloy-m-813

NT1 alloy-mar-m246

NT1 alloy-mn-21

NT1 alloy-ni43fe33cr16mo3

NT2 nimonic pe16

NT1 alloy-ni46cr23co19ti5al4

NT2 alloy-in-939

NT1 alloy-ni50co20cr15al5mo5

NT2 nimonic 105

NT1 alloy-ni53co19cr15mo5al4ti3

NT2 udimet 700

NT1 alloy-ni55co17cr15mo5al4ti4

NT2 astroloy

NT1 alloy-ni55cr19co11mo10ti3

NT2 rene 41

NT1 alloy-ni58cr20co14mo4ti3

NT2 waspaloy

NT1 alloy-ni59cr20co17ti2

NT1 alloy-ni60co15cr10al6ti5mo3

NT2 alloy-in-100

NT1 alloy-ni61cr16co9al3ti3w3

NT2 alloy-in-738

NT1 alloy-ni74cr13al6mo4

NT2 inconel 713c

NT1 alloy-ni75cr12al6mo5

NT2 inconel 713lc

NT1 alloy-ni76cr20ti2

NT2 nimonic 80a

NT1 alloy-ni94mn3al2

NT2 aludel

NT1 alloy-nt25a5

NT1 alloy-nx-188

NT1 alloy-ti78cr11mo7al3

NT1 alloy-ti88mo8al3

NT1 alloy-ti89al6mo3

NT1 alloy-ti90al6

NT1 alloy-ti90al6mo3

NT1 alloy-ti90al6v4

NT1 alloy-ti90mo7al2

NT1 alloy-ti91al4mo3

NT1 alloy-ti91al5cr2

NT1 alloy-yundk 25ba

NT1 alnico alloys

NT1 aluminium additions

NT2 alloy-fe44ni33cr21

NT3 incoloy 800h

NT2 alloy-fe46ni33cr21

NT3 incoloy 800

NT3 incoloy 802

NT2 alloy-in-102

NT2 alloy-ni43fe30cr22mo3

NT3 incoloy 825

NT2 alloy-ni53cr19fe19nb5mo3
NT3 inconel 718
NT2 alloy-ni54cr22co13mo9
NT3 inconel 617
NT2 alloy-ni61cr22mo9nb4fe3
NT3 inconel 625
NT2 alloy-ni62cr16mo15fe3
NT3 hastelloy s
NT2 alloy-ni70mo17cr7fe5
NT3 hastelloy n
NT3 inor-8
NT2 alloy-ni73cr15fe7ti3
NT3 inconel x750
NT2 alloy-ni76cr15fe8
NT3 inconel 600
NT2 alloy-ni77cr20ti2
NT2 alloy-ni78cr21
NT2 alloy-ni80cr20
NT2 discaloy
NT2 incoloy 901
NT2 steel-cr13al
NT3 stainless steel-405
NT2 steel-cralnimo
NT2 steel-ni26cr15ti2movalb
NT3 alloy-a-286
NT2 steel-ni36cr12ti3al-l
NT1 aluminium base alloys
NT2 alloy-al95cu4
NT3 duralumin
NT2 aludur
NT2 bondur
NT2 duranalium
NT2 heddur
NT2 lynite
NT2 magnalium
NT1 duranickel
NT1 ge 2541
NT1 heusler alloys
NT1 hoskins 875
NT1 kanthal
NT1 magnesium alloy-az31b
NT1 nimonic 115
NT1 rene-100
NT1 rene 80
NT1 rene 95
NT1 stainless steel-17-7ph
NT1 zamak

ALUMINIUM ARSENIDE SOLAR CELLS

INIS: 1992-05-28; ETDE: 1981-07-18

*BT1 solar cells

ALUMINIUM ARSENIDES

BT1 aluminium compounds
 *BT1 arsenides

ALUMINIUM BASE ALLOYS

UF alloy-1915
UF alloy-214x
SF alloy-vad23
 *BT1 aluminium alloys
NT1 alloy-al95cu4
NT2 duralumin
NT1 aludur
NT1 bondur
NT1 duranalium
NT1 heddur
NT1 lynite
NT1 magnalium

ALUMINIUM BORIDES

BT1 aluminium compounds
 *BT1 borides

ALUMINIUM BROMIDES

*BT1 aluminium halides
 *BT1 bromides

ALUMINIUM CARBIDES

BT1 aluminium compounds

*BT1 carbides

ALUMINIUM CHLORIDES

*BT1 aluminium halides
 *BT1 chlorides

ALUMINIUM COMPLEXES

BT1 complexes

ALUMINIUM COMPOUNDS

NT1 aluminates
NT1 aluminium arsenides
NT1 aluminium borides
NT1 aluminium carbides
NT1 aluminium halides
NT2 aluminium bromides
NT2 aluminium chlorides
NT2 aluminium fluorides
NT2 aluminium iodides
NT1 aluminium hydrides
NT1 aluminium hydroxides
NT1 aluminium nitrates
NT1 aluminium nitrides
NT1 aluminium oxides
NT1 aluminium perchlorates
NT1 aluminium phosphates
NT1 aluminium phosphides
NT1 aluminium selenides
NT1 aluminium silicates
NT1 aluminium silicides
NT1 aluminium sulfates
NT1 aluminium sulfides
NT1 aluminium tellurides
NT1 aluminium tungstates
RT dawsonite

ALUMINIUM FLUORIDES

*BT1 aluminium halides
 *BT1 fluorides

ALUMINIUM HALIDES

2012-07-19

BT1 aluminium compounds
 *BT1 halides
NT1 aluminium bromides
NT1 aluminium chlorides
NT1 aluminium fluorides
NT1 aluminium iodides

ALUMINIUM HYDRIDES

BT1 aluminium compounds
 *BT1 hydrides

ALUMINIUM HYDROXIDES

BT1 aluminium compounds
 *BT1 hydroxides
RT bauxite
RT gibbsite
RT nordstrandite

ALUMINIUM IODIDES

*BT1 aluminium halides
 *BT1 iodides

ALUMINIUM IONS

*BT1 ions

ALUMINIUM ISOTOPES

1999-07-16

BT1 isotopes
NT1 aluminium 21
NT1 aluminium 22
NT1 aluminium 23
NT1 aluminium 24
NT1 aluminium 25
NT1 aluminium 26
NT1 aluminium 27
NT1 aluminium 28
NT1 aluminium 29
NT1 aluminium 30
NT1 aluminium 31
NT1 aluminium 32

NT1 aluminium 33
NT1 aluminium 34
NT1 aluminium 35
NT1 aluminium 36
NT1 aluminium 37
NT1 aluminium 38
NT1 aluminium 39
NT1 aluminium 40
NT1 aluminium 41
NT1 aluminium 42

ALUMINIUM NITRATES

BT1 aluminium compounds
 *BT1 nitrates

ALUMINIUM NITRIDES

BT1 aluminium compounds
 *BT1 nitrides

ALUMINIUM ORES

ETDE: 1975-09-11

BT1 ores
NT1 bauxite

ALUMINIUM OXIDES

UF alumina
UF sialon
UF yttrium aluminium garnets
 BT1 aluminium compounds
 *BT1 oxides
RT aluminates
RT chrysoberyl
RT corundum
RT hollandite
RT integrated in-situ process
RT oxide minerals
RT spinels

ALUMINIUM PERCHLORATES

INIS: 1989-02-24; ETDE: 1989-03-20

BT1 aluminium compounds
 *BT1 perchlorates

ALUMINIUM PHOSPHATES

1996-06-26

BT1 aluminium compounds
 *BT1 phosphates
RT phosphate minerals
RT sabugalite

ALUMINIUM PHOSPHIDES

INIS: 1983-02-03; ETDE: 1980-02-11

BT1 aluminium compounds
 *BT1 phosphides

ALUMINIUM SELENIDES

INIS: 1991-09-16; ETDE: 1978-09-13

BT1 aluminium compounds
 *BT1 selenides

ALUMINIUM SILICATES

BT1 aluminium compounds
 *BT1 silicates
RT epidotes
RT kaolinite
RT orthoclase
RT petalite
RT pollucite
RT pyrophyllite
RT silicate minerals
RT smectite
RT tourmaline
RT vermiculite

ALUMINIUM SILICIDES

INIS: 1977-03-01; ETDE: 1975-10-28

BT1 aluminium compounds
 *BT1 silicides

ALUMINIUM SULFATES

BT1 aluminium compounds
 *BT1 sulfates
RT alunite

RT sulfate minerals

ALUMINIUM SULFIDES

BT1 aluminium compounds

*BT1 sulfides

ALUMINIUM TELLURIDES

INIS: 1991-09-16; ETDE: 1975-09-11

BT1 aluminium compounds

*BT1 tellurides

ALUMINIUM TUNGSTATES

INIS: 1979-09-18; ETDE: 1979-10-23

BT1 aluminium compounds

*BT1 tungstates

aluminon

1996-10-22

(Until October 1996 this was a valid descriptor.)

USE hydroxy acids

USE triphenylmethane dyes

aluminum

INIS: 2000-04-12; ETDE: 1981-03-16

USE aluminium

ALUNITE

2000-04-12

A mineral, rhombohedral, usually in white, gray or pink masses in hydrothermally altered feldspathic rock.

*BT1 sulfate minerals

RT aluminium sulfates

alveoli (dental)

USE jaw

alveoli (pulmonary)

USE lungs

ALVITE

2000-04-12

*BT1 silicate minerals

RT zirconium silicates

am-1 reactor

USE aps reactor

amalgams

USE mercury alloys

AMAZON RIVER

INIS: 1982-06-09; ETDE: 1977-08-09

*BT1 rivers

RT brazil

RT peru

AMBER

*BT1 other organic compounds

amberlite

USE organic ion exchangers

AMBIENT DOSE EQUIVALENTS

2018-02-22

BT1 dose equivalents

RT dosimetry

RT personnel monitoring

AMBIENT TEMPERATURE

INIS: 1993-07-06; ETDE: 1976-03-22

The temperature of the environment.

UF atmospheric temperature

UF environmental temperature

UF global temperature

UF temperature (ambient)

UF temperature (atmospheric)

UF temperature (global)

RT climate models

RT climatic change

RT nuclear winter

RT outdoors

RT temperature control

RT temperature dependence

RT temperature distribution

RT temperature gradients

RT temperature measurement

RT temperature range

AMBIPLASMA

Containing both matter and antimatter.

BT1 plasma

RT antimatter

RT matter

AMBIPOLAR DIFFUSION

BT1 diffusion

RT electron drift

RT ion drift

RT plasma drift

AMBROSIA LAKE

*BT1 lakes

AMCHITKA ISLAND AREA

*BT1 aleutian islands

RT alaska

amdahl computers

INIS: 2000-04-12; ETDE: 1977-09-19

(Prior to March 1997 this was a valid ETDE descriptor.)

USE computers

ameba

USE amoeba

AMENDMENTS

INIS: 1999-01-28; ETDE: 1979-12-10

RT laws

RT legal aspects

RT legislation

RT regulations

amenorrhea

USE menstruation disorders

american blacks

INIS: 2000-04-12; ETDE: 1981-03-17

USE black americans

american hispanics

INIS: 2000-04-12; ETDE: 1982-01-21

USE hispanic americans

AMERICAN INDIANS

INIS: 1999-04-30; ETDE: 1977-11-29

(From January 1979 to March 1997 INDIAN RESERVATIONS was a valid ETDE descriptor.)

UF indians (american)

SF indian reservations

*BT1 indigenous peoples

*BT1 minority groups

american orientals

INIS: 2000-04-12; ETDE: 1982-01-21

USE oriental americans

AMERICAN SAMOA

INIS: 1993-10-01; ETDE: 1979-09-26

BT1 islands

*BT1 usa

RT pacific ocean

AMERICIUM

*BT1 actinides

*BT1 transplutonium elements

RT sesame process

AMERICIUM 231

2007-09-25

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 americium isotopes

*BT1 electron capture radioisotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

AMERICIUM 232

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 americium isotopes

*BT1 electron capture radioisotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

AMERICIUM 233

2001-01-30

*BT1 actinide nuclei

*BT1 americium isotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

AMERICIUM 234

*BT1 actinide nuclei

*BT1 americium isotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

AMERICIUM 235

INIS: 1997-06-05; ETDE: 1997-02-10

*BT1 actinide nuclei

*BT1 americium isotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

AMERICIUM 236

INIS: 1997-02-07; ETDE: 1977-11-09

*BT1 actinide nuclei

*BT1 americium isotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

AMERICIUM 237

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 americium isotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 odd-even nuclei

*BT1 spontaneous fission radioisotopes

AMERICIUM 238

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 americium isotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 odd-odd nuclei

*BT1 spontaneous fission radioisotopes

AMERICIUM 239

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 americium isotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 odd-even nuclei

*BT1 spontaneous fission radioisotopes

AMERICIUM 240

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 americium isotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 odd-odd nuclei

*BT1 spontaneous fission radioisotopes

AMERICIUM 241

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 americium isotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

AMERICIUM 241 TARGET

ETDE: 1976-07-09

- BT1 targets

AMERICIUM 242

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 americium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

AMERICIUM 242 TARGET

ETDE: 1976-07-09

- BT1 targets

AMERICIUM 243

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 americium isotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

AMERICIUM 243 TARGET

ETDE: 1976-07-09

- BT1 targets

AMERICIUM 244

- *BT1 actinide nuclei
- *BT1 americium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 spontaneous fission radioisotopes

AMERICIUM 245

- *BT1 actinide nuclei
- *BT1 americium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes

AMERICIUM 246

- *BT1 actinide nuclei
- *BT1 americium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 spontaneous fission radioisotopes

AMERICIUM 247

- *BT1 actinide nuclei
- *BT1 americium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

AMERICIUM 248

2007-09-25

- *BT1 actinide nuclei
- *BT1 americium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

AMERICIUM 249

2007-09-25

- *BT1 actinide nuclei
- *BT1 americium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

americium additions

1996-07-16

Alloys containing not more than 1% Am.

(Until July 1996 this was a valid descriptor.)

SEE americium alloys

SEE americium compounds

AMERICIUM ALLOYS

1996-07-16

Alloys containing more than 1% Am.

UF americium base alloys

SF americium additions

*BT1 actinide alloys

AMERICIUM ARSENIDES

INIS: 1996-07-16; ETDE: 1976-12-16

(From July 1996 to February 2008

AMERICIUM COMPOUNDS +

ARSENIDES was used for this concept.)

*BT1 americium compounds

*BT1 arsenides

americium base alloys

1996-07-16

(Until July 1996 this was a valid descriptor.)

USE americium alloys

AMERICIUM BROMIDES

1997-01-28

(From October 1996 to September 2007

AMERICIUM COMPOUNDS + BROMIDES

was used for this concept.)

*BT1 americium halides

*BT1 bromides

AMERICIUM CARBIDES

1996-07-16

(From July 1996 to November 2007

AMERICIUM COMPOUNDS + CARBIDES

was used for this concept.)

*BT1 americium compounds

*BT1 carbides

AMERICIUM CARBONATES

*BT1 americium compounds

*BT1 carbonates

AMERICIUM CHLORIDES

*BT1 americium halides

*BT1 chlorides

AMERICIUM COMPLEXES

*BT1 actinide complexes

*BT1 transuranium complexes

AMERICIUM COMPOUNDS

1996-11-13

(Prior to August 1996 AMERICIUM

ADDITIONS was a valid ETDE descriptor.)

SF americium additions

BT1 actinide compounds

*BT1 transplutonium compounds

NT1 americium arsenides

NT1 americium carbides

NT1 americium carbonates

NT1 americium halides

NT2 americium bromides

NT2 americium chlorides

NT2 americium fluorides

NT2 americium iodides

NT1 americium hydrides

NT1 americium hydroxides

NT1 americium nitrates

NT1 americium nitrides

NT1 americium oxides

NT1 americium perchlorates

NT1 americium phosphates

NT1 americium phosphides

NT1 americium selenides

NT1 americium silicates

NT1 americium silicides

NT1 americium sulfates

NT1 americium sulfides

NT1 americium tellurides

AMERICIUM FLUORIDES

*BT1 americium halides

*BT1 fluorides

AMERICIUM HALIDES

2008-02-07

*BT1 americium compounds

*BT1 halides

NT1 americium bromides

NT1 americium chlorides

NT1 americium fluorides

NT1 americium iodides

AMERICIUM HYDRIDES

1984-11-30

*BT1 americium compounds

*BT1 hydrides

AMERICIUM HYDROXIDES

*BT1 americium compounds

*BT1 hydroxides

AMERICIUM IODIDES

1997-01-28

(From October 1996 to February 2008

AMERICIUM COMPOUNDS + IODIDES

was used for this concept.)

*BT1 americium halides

*BT1 iodides

AMERICIUM IONS

*BT1 ions

AMERICIUM ISOTOPES

1999-07-16

BT1 isotopes

NT1 americium 231

NT1 americium 232

NT1 americium 233

NT1 americium 234

NT1 americium 235

NT1 americium 236

NT1 americium 237

NT1 americium 238

NT1 americium 239

NT1 americium 240

NT1 americium 241

NT1 americium 242

NT1 americium 243

NT1 americium 244

NT1 americium 245

NT1 americium 246

NT1 americium 247

NT1 americium 248

NT1 americium 249

AMERICIUM NITRATES

*BT1 americium compounds

*BT1 nitrates

AMERICIUM NITRIDES

*BT1 americium compounds

*BT1 nitrides

AMERICIUM OXIDES

*BT1 americium compounds

*BT1 oxides

AMERICIUM PERCHLORATES

INIS: 1978-09-28; ETDE: 1978-10-19

*BT1 americium compounds

*BT1 perchlorates

AMERICIUM PHOSPHATES

INIS: 1978-07-31; ETDE: 1978-09-11

- *BT1 americium compounds
- *BT1 phosphates

AMERICIUM PHOSPHIDES

2000-04-12

(From January 1993 to November 2007

AMERICIUM COMPOUNDS + PHOSPHIDES was used for this concept.)

- *BT1 americium compounds
- *BT1 phosphides

AMERICIUM SELENIDES

INIS: 1996-07-16; ETDE: 1976-01-23

(From July 1996 to November 2007

AMERICIUM COMPOUNDS + SELENIDES was used for this concept.)

- *BT1 americium compounds
- *BT1 selenides

AMERICIUM SILICATES

INIS: 1997-01-28; ETDE: 1984-09-05

(From November 1996 to November 2007

AMERICIUM COMPOUNDS + SILICATES was used for this concept.)

- *BT1 americium compounds
- *BT1 silicates

AMERICIUM SILICIDES

INIS: 2000-04-12; ETDE: 1978-12-11

(From March 1997 to November 2007

AMERICIUM COMPOUNDS + SILICIDES was used for this concept.)

- *BT1 americium compounds
- *BT1 silicides

AMERICIUM SULFATES

2000-04-12

(From March 1997 to November 2007

AMERICIUM COMPOUNDS + SULFATES was used for this concept.)

- *BT1 americium compounds
- *BT1 sulfates

AMERICIUM SULFIDES

1996-07-16

(From July 1996 to November 2007

AMERICIUM COMPOUNDS + SULFIDES was used for this concept.)

- *BT1 americium compounds
- *BT1 sulfides

AMERICIUM TELLURIDES

INIS: 1997-01-28; ETDE: 1976-01-23

(From October 1996 to February 2008

AMERICIUM COMPOUNDS + TELLURIDES was used for this concept.)

- *BT1 americium compounds
- *BT1 tellurides

ames, iowa state university utr-10 reactor

INIS: 1993-11-03; ETDE: 2002-06-07

USE iowa utr-10 reactor

AMES LABORATORY

- *BT1 us aec
- *BT1 us doe
- *BT1 us erda
- RT iowa

ames laboratory research reactor

2000-04-12

USE alrr reactor

ames test

INIS: 2000-04-12; ETDE: 1978-11-14

USE mutagen screening

ames wet oxidation process

INIS: 2000-04-12; ETDE: 1980-09-04

This process, similar to the Ledgemont and Pittsburgh processes, uses alkaline leaching solution to improve the extraction of pyritic sulfur, remove some organic sulfur, and be less corrosive.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

amethopterin

USE methotrexate

AMEX PROCESS

*BT1 reprocessing

RT amines

RT solvent extraction

AMIDASES

INIS: 1986-12-03; ETDE: 1981-01-30

Code number 3.5.1.

*BT1 non-peptide c-n hydrolases

NT1 arginase

NT1 urease

AMIDES

1996-10-23

UF hypaque

UF ioglycamic acid

*BT1 organic nitrogen compounds

NT1 acetamide

NT1 acrylamide

NT1 asparagine

NT1 dimethylformamide

NT1 formamide

NT1 glutamine

NT1 hydroxyurea

NT1 lactams

NT2 pyrrolidones

NT3 pvp

NT1 metrizamide

NT1 nicotinamide

NT1 sulfenamides

NT1 sulfonamides

NT1 thionalide

NT1 urea

RT bph

RT cerebroside

RT chloramines

RT diamex process

RT guanidines

RT polyamides

RT thioureas

AMIDINASES

INIS: 2000-04-12; ETDE: 1981-02-18

Code number 3.5.3.

*BT1 non-peptide c-n hydrolases

AMIDINES

1996-07-08

(Prior to August 1996 STILBAMIDINE was a valid ETDE descriptor.)

UF iminoamides

UF stilbamidine

*BT1 organic nitrogen compounds

amidol

1996-09-06

(Until July 1996 this was a valid descriptor.)

USE amines

USE developers

USE phenols

AMINATION

BT1 chemical reactions

RT deamination

AMINE OXIDASES

INIS: 1991-07-02; ETDE: 1981-01-12

Code numbers 1.4 and 1.5.

UF histaminase

*BT1 oxidoreductases

AMINES

1996-10-23

UF amidol

UF amino alcohols

UF amino sugars

UF aminoglycides

UF aminopropiophenone-para

UF arsanilic acid

UF bromamines

UF butylamine

UF cephalins

UF congo red

UF cytriphos

UF ndpp

UF neocupferron

UF neutral red

UF papp

UF tna

UF toluylene red

UF trinonylamine

BT1 organic compounds

NT1 acridine orange

NT1 adenines

NT2 kinetin

NT1 aminopterin

NT1 amphetamines

NT2 benzedrine

NT1 aniline

NT1 benzidine

NT1 beta-aminoethyl isothiourea

NT1 bph

NT1 cadaverine

NT1 catecholamines

NT1 chlorambucil

NT1 chloramines

NT1 chlorpromazine

NT1 cupferron

NT1 cystamine

NT1 cystaphos

NT1 cysteamine

NT1 cytosine

NT1 deferoxamine

NT1 dopamine

NT1 ephedrine

NT1 flavines

NT2 acriflavine

NT2 proflavine

NT1 gammaphos

NT1 guanine

NT1 hexosamines

NT2 glucosamine

NT1 histamine

NT1 hydroxamic acids

NT2 benzohydroxamic acid

NT1 hydroxylamine

NT1 imipramine

NT1 luminol

NT1 melamine

NT1 methyl orange

NT1 methyl violet

NT1 methylamine

NT1 methylene blue

NT1 morpholines

NT1 mucopolysaccharides

NT2 chitin

NT2 chondroitin

NT2 heparin

NT2 hyaluronic acid

NT1 nitrogen mustard

NT1 nitrosamines

NT1 oximes

NT2 benzoinoxime

NT2 dimethylglyoxime

NT1 piperidines
 NT2 dipyrindamole
 NT2 pethidine
 NT2 triacetoneamine-n-oxyl
 NT1 polycyclic aromatic amines
 NT1 primene
 NT1 putrescine
 NT1 pyrrolidines
 NT2 hydroxyproline
 NT2 nicotine
 NT2 proline
 NT1 rhodamines
 NT1 spermidine
 NT1 spermine
 NT1 sulfanilic acid
 NT1 taurine
 NT1 tda
 NT1 teta
 NT1 tetryl
 NT1 thiamine
 NT1 thionine
 NT1 toluidines
 NT1 tridodecylamine
 NT1 trioctylamine
 NT1 trypan blue
 NT1 tryptamines
 NT2 melatonin
 NT2 serotonin
 NT3 bufotenine
 NT1 tyramine
 NT1 urotropin
 RT amex process
 RT eures process
 RT piperazines
 RT sialic acid
 RT tramex process

AMINO ACID SEQUENCE

INIS: 1993-08-03; ETDE: 1984-01-27

(Until August 1993, this concept was indexed by PROTEIN STRUCTURE.)

UF protein sequencing
 BT1 molecular structure
 RT protein engineering
 RT protein structure
 RT proteins
 RT structural chemical analysis

AMINO ACIDS

1996-10-23

For carboxylic acids only.

UF aminoadipic acid
 UF aminosalicilic acid-para
 UF cpdta
 UF cyclopentanediaminetetraacetic acid
 UF hexamethylenediaminetetraacetic acid
 UF hmdta
 UF homocystine
 *BT1 carboxylic acids
 NT1 alanines
 NT2 alanine-alpha
 NT3 alanine-l
 NT2 alanine-beta
 NT1 aminobutyric acid
 NT1 aminolevulinic acid
 NT1 anthranilic acid
 NT1 arginine
 NT1 asparagine
 NT1 aspartic acid
 NT1 betaine
 NT1 carnitine
 NT1 cdta
 NT1 citrulline
 NT1 creatine
 NT1 cysteine
 NT1 cystine
 NT1 dcta
 NT1 diiodotyrosine
 NT1 dopa

NT1 dtpa
 NT1 eddha
 NT1 edta
 NT1 ethionine
 NT1 folic acid
 NT1 glutamic acid
 NT2 pyridoxylideneglutamate
 NT1 glutamine
 NT1 glycine
 NT1 glycyglycine
 NT1 hedta
 NT1 heida
 NT1 hippuric acid
 NT1 histidine
 NT1 homocysteine
 NT1 hydroxyproline
 NT1 hydroxytryptophan
 NT1 kynurenine
 NT1 leucine
 NT1 lysine
 NT1 methionine
 NT1 methyl red
 NT1 methyl tyrosine
 NT1 mimosine
 NT1 mpg
 NT1 nta
 NT1 ornithine
 NT1 paba
 NT1 pantothenic acid
 NT1 penicillamine
 NT1 phenylalanine
 NT1 phosphocreatine
 NT1 proline
 NT1 sarcosine
 NT1 serine
 NT1 tetaha
 NT1 threonine
 NT1 thyronine
 NT1 thyroxine
 NT1 tryptophan
 NT1 tyrosine
 NT1 valine
 RT lactams
 RT protein structure
 RT proteins

amino alcohols

USE alcohols
 USE amines

amino sugars

USE amines
 USE saccharides

aminoacetic acid

USE glycine

aminoadipic acid

1996-10-22

(Until October 1996 this was a valid descriptor.)

USE amino acids

aminobenzene

USE aniline

aminobenzenesulfonic acid-para

USE sulfanilic acid

aminobenzoic acid-ortho

USE anthranilic acid

aminobenzoic acid-para

USE paba

AMINO BUTYRIC ACID

*BT1 amino acids
 *BT1 neuroregulators

aminoethanesulfonic acid

USE taurine

aminoethanethiol

USE cysteamine

aminoethylisothiuronium bromide

1984-06-21

USE beta-aminoethyl isothiouraea

aminoethylthiopseudourea

USE beta-aminoethyl isothiouraea

aminoglutaric acid-alpha

USE glutamic acid

aminoglycides

USE amines
 USE saccharides

aminohypoxanthine

USE guanine

aminoisocaproic acid-alpha

USE leucine

aminoisovaleric acid-alpha

USE valine

AMINO LEVULINIC ACID

*BT1 amino acids

AMINOPEPTIDASES

INIS: 1986-12-03; ETDE: 1981-01-12

Code numbers 3.4.11.

*BT1 peptide hydrolases

aminophenylacetic acid-alpha

USE phenylalanine

aminopropionic acid-alpha

USE alanine-alpha

aminopropionic acid-beta

USE alanine-beta

aminopropiophenone-para

1996-07-18

(Prior to March 1997 PAPP was used for this concept in ETDE.)

USE amines
 USE ketones

AMINOPTERIN

*BT1 amines
 *BT1 antimetabolites
 *BT1 antineoplastic drugs
 *BT1 pteridines
 RT antimitotic drugs

aminopyrine

INIS: 1984-04-04; ETDE: 2002-06-07

USE antipyretics
 USE pyrazolines

aminosalicilic acid-para

1996-10-23

(Prior to March 1997 PAS was used for this concept in ETDE.)

USE amino acids

aminosuccinamic acid-alpha

USE asparagine

aminosuccinic acid

USE aspartic acid

aminotoluenes

USE toluidines

AMINOTRANSFERASES

Code number 2.6.1.

UF transaminases
 *BT1 nitrogen transferases

amipaque

INIS: 1981-08-06; ETDE: 1981-09-22
USE metrizamide

amisol process

2000-04-12
Process for complete desulfurization of gases with low carbon dioxide contents.
(Prior to March 1994, this was a valid ETDE descriptor.)
USE desulfurization

AMMETERS

*BT1 electric measuring instruments

AMMINES

BT1 complexes
RT ammonia

AMMONIA

*BT1 nitrogen hydrides
RT amines
RT ammonolysis
RT phosam process
RT quaternary ammonium compounds
RT refrigerants

AMMONIA-AMMONIUM BISULFATE PROCESS

INIS: 2000-04-12; ETDE: 1977-04-12
Regenerable process to remove sulfur dioxide from flue gas by absorption in an aqueous ammonium sulfite and bisulfite solution.
*BT1 desulfurization
RT waste processing

AMMONIA FUEL CELLS

1992-05-20
*BT1 fuel cells

AMMONIUM CARBONATES

INIS: 1978-11-24; ETDE: 1978-12-20
BT1 ammonium compounds
*BT1 carbonates
NT1 auc

AMMONIUM CHLORIDES

INIS: 1978-04-21; ETDE: 1975-12-16
*BT1 ammonium halides
*BT1 chlorides

AMMONIUM COMPLEXES

INIS: 1981-12-23; ETDE: 1982-02-09
BT1 complexes

AMMONIUM COMPOUNDS

NT1 ammonium carbonates
NT2 auc
NT1 ammonium halides
NT2 ammonium chlorides
NT2 ammonium fluorides
NT1 ammonium hydroxides
NT1 ammonium nitrates
NT1 ammonium perchlorates
NT1 ammonium phosphates
NT1 ammonium sulfates
NT1 ammonium thiocyanates
NT1 ammonium tungstates
NT1 ammonium uranates
NT2 adu
NT1 quaternary ammonium compounds
NT2 acetylcholine
NT2 betaine
NT2 choline
NT2 pyridinium compounds

ammonium diuranate

USE adu

AMMONIUM FLUORIDES

INIS: 1979-09-18; ETDE: 1979-10-23
*BT1 ammonium halides

*BT1 fluorides

AMMONIUM HALIDES

INIS: 1984-01-18; ETDE: 1977-03-08
BT1 ammonium compounds
*BT1 halides
NT1 ammonium chlorides
NT1 ammonium fluorides

AMMONIUM HYDROXIDES

BT1 ammonium compounds
*BT1 hydroxides

AMMONIUM NITRATES

INIS: 1975-11-07; ETDE: 1975-12-16
BT1 ammonium compounds
*BT1 nitrates

AMMONIUM PERCHLORATES

INIS: 1989-04-20; ETDE: 1976-08-04
BT1 ammonium compounds
*BT1 perchlorates

AMMONIUM PHOSPHATES

INIS: 1981-02-27; ETDE: 1978-04-28
BT1 ammonium compounds
*BT1 phosphates

AMMONIUM SULFATES

INIS: 1977-03-01; ETDE: 1976-04-19
BT1 ammonium compounds
*BT1 sulfates

AMMONIUM THIOCYANATES

INIS: 1991-09-18; ETDE: 1982-09-10
BT1 ammonium compounds
*BT1 thiocyanates

AMMONIUM TUNGSTATES

INIS: 1978-07-17; ETDE: 1977-06-02
BT1 ammonium compounds
*BT1 tungstates

AMMONIUM URANATES

BT1 ammonium compounds
*BT1 uranates
NT1 adu

ammonium uranyl carbonates

INIS: 1999-03-19; ETDE: 1979-11-23
USE auc

AMMONOLYSIS

*BT1 solvolysis
RT ammonia

AMMUNITION

INIS: 1999-03-02; ETDE: 1976-04-19
RT explosives
RT guns
RT military equipment
RT missiles
RT rockets
RT weapons

amnion

USE fetal membranes

amnion cells

USE embryonic cells

AMNIOTIC FLUID

INIS: 1975-10-23; ETDE: 1975-12-16
*BT1 body fluids
RT embryos
RT fetuses

amobarbital

1996-07-16
(Prior to August 1996 AMYTAL was used for this concept in ETDE.)
USE barbiturates

amoco cba process

INIS: 2000-04-12; ETDE: 1977-08-09
USE desulfurization

amoco sulfur recovery process

INIS: 2000-04-12; ETDE: 1976-01-23
A process for recovery of elemental sulfur from process streams containing hydrogen sulfide.
(Prior to March 1994, this was a valid ETDE descriptor.)
USE desulfurization

AMOEBA

UF ameba
*BT1 sarcodina
RT phagocytosis

AMOEBA EFFECT

ETDE: 1975-09-11
Unidirectional migration and penetration of the fuel kernel through the particle coating, caused by thermal stresses occurring in the course of irradiation.
UF migration (kernel)
RT coated fuel particles
RT failures
RT physical radiation effects
RT reliability

AMORPHOUS STATE

RT crystallization
RT metallic glasses

AMORTIZATION

INIS: 1993-07-28; ETDE: 1983-05-21
RT accounting
RT cancellation
RT financing

AMP

UF adenosine monophosphate
UF camp
UF cyclic adenosine monophosphate
*BT1 nucleotides
RT adenines

AMP BEAM CURRENTS

From 1 to 1000 amp.
*BT1 beam currents

AMPEROMETRY

*BT1 titration

AMPHETAMINES

INIS: 1985-03-15; ETDE: 1981-04-20
(Prior to April 1981, this concept in ETDE was indexed to BENZEDRINE.)
*BT1 amines
*BT1 analeptics
*BT1 sympathomimetics
NT1 benzedrine

AMPHIBIANS

UF tadpoles
BT1 aquatic organisms
*BT1 vertebrates
NT1 frogs
NT1 salamanders
NT2 triturus
NT1 toads
RT aquatic ecosystems
RT larvae

AMPHIBOLE

A group of dark, rock-forming, ferromagnesian silicate minerals closely related in crystal form and composition.
*BT1 silicate minerals
NT1 hornblende

AMPHIBOLITES

INIS: 2000-04-12; ETDE: 1980-08-12

*BT1 metamorphic rocks

AMPLIFICATION

INIS: 1985-12-10; ETDE: 1981-08-04

NT1 gain
RT amplifiers
RT amplitudes
RT fluidic devices

AMPLIFIERS

1999-07-05

*BT1 electronic equipment
NT1 ac amplifiers
NT1 dc amplifiers
NT1 dielectric amplifiers
NT1 high frequency amplifiers
NT1 lock-in amplifiers
NT1 magnetic amplifiers
NT1 microwave amplifiers
NT2 masers
NT1 operational amplifiers
NT1 parametric amplifiers
NT1 power amplifiers
NT1 preamplifiers
NT1 pulse amplifiers
NT1 transistor amplifiers
RT amplification
RT electronic circuits
RT gain

AMPLITUDES

NT1 scattering amplitudes
NT1 transition amplitudes
NT2 decay amplitudes
RT amplification
RT dimensions
RT mechanical vibrations
RT oscillations
RT wave propagation

amsco

1996-10-22

(Until October 1996 this was a valid descriptor.)

USE organic solvents

amygdalic acid

USE mandelic acid

amyl acetate

INIS: 1984-04-04; ETDE: 2002-06-07

USE acetic acid esters

amyl alcohols

USE pentanols

amyl radicals

USE pentyl radicals

AMYLASE

Code numbers 3.2.1.1, 3.2.1.2, and 3.2.1.3.

UF isoamylase
*BT1 o-glycosyl hydrolases
RT digestion
RT pancreas
RT saliva

amylum

USE starch

amytal

1996-07-16

(Until July 1996 this was a valid descriptor.)

USE barbiturates

ANABOLISM

BT1 metabolism
RT androgens
RT biosynthesis
RT sth

anaconda uranium mill

INIS: 1996-07-16; ETDE: 1979-12-17

(Until July 1996 this was a valid descriptor.)

USE feed materials plants

ANADROMOUS FISHES

INIS: 1991-08-09; ETDE: 1983-03-07

Fishes that ascend fresh-water streams from the sea to spawn.

*BT1 fishes
NT1 salmon
NT1 striped bass
RT fish passage facilities
RT ichthyoplankton

ANAEROBIC CONDITIONS

INIS: 1983-02-04; ETDE: 1975-11-28

RT anaerobic digestion
RT biodegradation
RT decomposition
RT dissolved gases
RT oxygen enhancement ratio
RT zymomonas mobilis

ANAEROBIC DIGESTION

INIS: 1997-06-19; ETDE: 1975-07-29

(From October 1978 to February 1997 CELL RECYCLE was a valid ETDE descriptor.)

SF cell recycle
SF microbial processes
BT1 bioconversion
BT1 digestion
NT1 biogas process
RT anaerobic conditions
RT batch culture
RT continuous culture
RT fermentation
RT mesophilic conditions
RT microorganisms
RT semibatch culture
RT sewage sludge
RT synthetic fuels
RT thermophilic conditions
RT waste processing

analcime

1984-04-04

A white or slightly colored zeolite mineral.

(Prior to March 1996 this was a valid ETDE descriptor.)

USE zeolites

ANALEPTICS

INIS: 1984-05-24; ETDE: 1981-04-20

UF central nervous system stimulants
UF cns stimulants
UF stimulants (central nervous system)
*BT1 central nervous system agents
NT1 amphetamines
NT2 benzedrine
NT1 caffeine
RT psychotropic drugs

ANALGESICS

1996-07-08

UF acetophenetidin
UF phenacetin
*BT1 central nervous system depressants
NT1 acetylsalicylic acid
NT1 antipyrine
NT1 codeine
NT1 opium
NT2 morphine
NT3 thebaine
NT1 pethidine
RT anesthetics
RT antipyretics
RT hypnotics and sedatives
RT narcotics
RT pain

ANALOG COMPUTERS

BT1 computers

analog resonances (isobaric)

USE isobaric analogs
USE resonance

analog resonances (strangeness)

USE strangeness analog resonances

analog states

USE isobaric analogs

ANALOG SYSTEMS

NT1 simulators
NT2 reactor simulators
NT2 solar simulators
RT analog-to-digital converters
RT biological models
RT computers
RT digital-to-analog converters
RT electronic circuits
RT electronic equipment
RT functional models
RT real time systems

ANALOG-TO-DIGITAL CONVERTERS

UF converters (analog-digital)
*BT1 electronic equipment
RT analog systems
RT digital systems
RT digitizers

analysis (activation)

USE activation analysis

analysis (charged-particle activation)

INIS: 1993-11-03; ETDE: 2002-06-07

USE charged-particle activation analysis

analysis (fourier)

USE fourier analysis

analysis (gas)

USE gas analysis

analysis (load)

INIS: 1999-04-22; ETDE: 2002-06-07

USE load analysis

analysis (neutron activation)

INIS: 1978-11-24; ETDE: 2002-06-07

USE neutron activation analysis

analysis (normal-mode)

USE normal-mode analysis

analysis (nuclear reaction)

INIS: 1986-01-21; ETDE: 2002-06-07

Chemical analysis based on detection and analysis of prompt nuclear reaction products.

USE nuclear reaction analysis

analysis (photon activation)

INIS: 1978-11-24; ETDE: 2002-06-07

USE photon activation analysis

analysis (qualitative chemical)

USE qualitative chemical analysis

analysis (quantitative chemical)

USE quantitative chemical analysis

analysis (structural chemical)

USE structural chemical analysis

analysis (thermal)

USE thermal analysis

ANALYTIC FUNCTIONS

BT1 functions
RT continued fractions

RT mathematical evolution
RT s matrix

ANALYTICAL SOLUTION

For the procedure only.

BT1 mathematical solutions
RT differential equations
RT galerkin-petrov method

analyzers (pulse)

USE pulse analyzers

analyzing power

USE polarization-asymmetry ratio

anaphase

USE mitosis

ANAPHYLAXIS

RT allergy
RT antigen-antibody reactions
RT biological shock
RT immunity

ANASTREPHA

INIS: 1999-02-19; ETDE: 1999-11-18

UF south american fruit fly
*BT1 fruit flies

ANATOMY

BT1 biology
RT body
RT physiology

anbn

USE 1-nitroso-2-naphthol

anchoring

See also MOORINGS.

USE fastening

ANCHORS

INIS: 1999-03-02; ETDE: 1975-09-11

(Until March 1999 this concept was indexed by FASTENERS.)

RT fasteners

andco-torrax slagging pyrolysis system

INIS: 1999-09-20; ETDE: 1977-10-20

(Prior to April 1994, this was a valid ETDE descriptor.)

SEE slagging pyrolysis process

andersonite

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE carbonate minerals

USE uranium minerals

ANDES

UF cordillera de los andes
BT1 mountains
RT argentina
RT bolivia
RT chile
RT colombia
RT ecuador
RT peru
RT venezuela

ANDESITES

INIS: 2000-04-12; ETDE: 1975-10-28

Volcanic rocks composed essentially of andesine and one or more mafic constituents.

*BT1 volcanic rocks

andradite

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE garnets

androgen antagonists

INIS: 2000-04-12; ETDE: 1981-04-20

USE antiandrogens

ANDROGENS

1996-10-23

UF dianabol
*BT1 androstanes
*BT1 steroid hormones
NT1 androstenedione
NT1 androsterone
NT1 hydroxyandrostenone
NT1 testosterone
RT adrenal glands
RT adrenal hormones
RT anabolism
RT antiandrogens
RT castration
RT corticosteroids
RT luteinizing hormone
RT testes
RT urinary ketosteroids

ANDROSTANES

*BT1 steroids
NT1 androgens
NT2 androstenedione
NT2 androsterone
NT2 hydroxyandrostenone
NT2 testosterone

ANDROSTENEDIONE

*BT1 androgens
*BT1 ketones

ANDROSTERONE

*BT1 androgens
*BT1 hydroxy compounds
*BT1 ketones

ANEMIAS

UF aplastic anemia
UF pernicious anemia
*BT1 hemic diseases
BT1 symptoms
NT1 ischemia
NT1 megaloblastic anemia
NT1 sickle cell anemia
NT1 thalassemia
RT erythrocytes
RT folic acid
RT hemoglobin
RT hemolysis
RT hemorrhage
RT intrinsic factor
RT vitamin b-12

ANEMOMETERS

BT1 measuring instruments
NT1 hot wire anemometers
NT1 laser doppler anemometers
RT flowmeters

ANESTHESIA

RT anesthetics
RT central nervous system depressants
RT medicine
RT pain
RT surgery

ANESTHETICS

*BT1 central nervous system depressants
NT1 barbiturates
NT2 nembutal
NT2 phenobarbital
NT1 cocaine
NT1 procaine
RT analgesics
RT anesthesia
RT chloroform
RT ethyl ether

RT hypnotics and sedatives
RT narcotics
RT nitrous oxide

ANEUPLOIDY

BT1 ploidy
RT genome mutations
RT non-disjunction

ANEX REACTOR

Shut down since 1975. Decommissioned since 1980.

UF cfg reactor
*BT1 enriched uranium reactors
*BT1 hydride moderated reactors
*BT1 solid homogeneous reactors
*BT1 thermal reactors
*BT1 zero power reactors

ANGARA-5 DEVICE

INIS: 1984-08-24; ETDE: 1989-06-23

*BT1 icf devices

ANGIOGENESIS

2009-01-28

Growth of new blood vessels.

RT blood vessels
RT carcinogenesis
RT growth factors
RT neoplasms

angiography

USE biomedical radiography
USE blood vessels

ANGIOMAS

UF hemangiomas
*BT1 carcinomas
RT blood vessels
RT lymph vessels

angiosperms

INIS: 2000-04-12; ETDE: 1988-12-21

USE magnoliophyta

ANGIOTENSIN

*BT1 globulins
*BT1 vasoconstrictors

angle (bond)

INIS: 2000-04-12; ETDE: 1980-11-08

USE bond angle

angle (incidence)

INIS: 1984-04-04; ETDE: 1980-11-08

USE incidence angle

angle of incidence

INIS: 1984-04-04; ETDE: 1980-01-24

USE incidence angle

angle of inclination

INIS: 2000-04-12; ETDE: 1979-09-26

USE inclination

ANGOLA

BT1 africa
BT1 developing countries

ANGRA-1 REACTOR

Angra Dosreis, Rio de Janeiro, Brazil.

*BT1 pwr type reactors

ANGRA-2 REACTOR

INIS: 1977-06-14; ETDE: 1977-10-19

Angra Dosreis, Rio de Janeiro, Brazil.

*BT1 pwr type reactors

ANGRA-3 REACTOR

INIS: 1977-06-14; ETDE: 1977-10-19

Angra Dosreis, Rio de Janeiro, Brazil.

*BT1 pwr type reactors

ANGULAR CORRELATION

1996-07-16

(Prior to August 1996 BIEDENHARN-ROSE THEORY was a valid ETDE descriptor.)

UF *directional correlation**SF* *biedenharn-rose theory**BT1* correlations*NT1* perturbed angular correlation*NT2* differential pac*NT2* integral pac*RT* abragam-pound theory*RT* angular distribution*RT* decay*RT* particle kinematics**ANGULAR DISTRIBUTION**

1999-02-23

(Prior to August 1996 BIEDENHARN-ROSE THEORY and MINAMI AMBIGUITY were valid ETDE descriptors; prior to March 1997 HALPERN-STRUTINSKI THEORY was a valid ETDE descriptor.)

SF *biedenharn-rose theory**SF* *halpern-strutinski theory**SF* *minami ambiguity**BT1* distribution*RT* abragam-pound theory*RT* alder-winter theory*RT* angular correlation*RT* backscattering*RT* blatt-biedenharn formalism*RT* castagnoli formula*RT* differential cross sections*RT* emission*RT* incidence angle*RT* lambert law*RT* marshak boundary conditions*RT* milne problem*RT* small angle scattering*RT* space dependence*RT* spatial distribution*RT* transverse energy*RT* yang theorem**ANGULAR MOMENTUM**

1999-02-23

(Prior to March 1997 GYROELECTRIC RATIO was a valid ETDE descriptor.)

UF *momentum (angular)**SF* *gyroelectric ratio**NT1* orbital angular momentum*NT1* spin*RT* angular momentum operators*RT* backbending*RT* chirality*RT* clebsch-gordan coefficients*RT* d waves*RT* f waves*RT* gyromagnetic ratio*RT* helicity*RT* kinetic energy*RT* linear momentum*RT* motion*RT* p waves*RT* partial waves*RT* quantum mechanics*RT* racah coefficients*RT* rotation*RT* s waves*RT* wigner coefficients*RT* yrast states**ANGULAR MOMENTUM OPERATORS****BT1* quantum operators*NT1* orbital momentum operators*NT1* pauli spin operators*RT* angular momentum**ANGULAR MOMENTUM TRANSFER***INIS: 1978-09-28; ETDE: 1978-10-19**UF* *transfer (angular momentum)**BT1* momentum transfer*RT* energy transfer**ANGULAR VELOCITY***BT1* velocity**ANHARMONIC CRYSTALS***BT1* crystals*RT* coherent scattering*RT* inelastic scattering*RT* lattice vibrations**ANHARMONIC OSCILLATORS***INIS: 1981-08-06; ETDE: 1979-09-26**RT* equations of motion*RT* harmonic oscillators*RT* mathematics*RT* mechanics**ANHYDRIDES***RT* bases*RT* inorganic acids*RT* organic acids*RT* water**ANHYDRITE**

1982-10-29

*Mineral consisting of an anhydrous calcium sulfate.***BT1* sulfate minerals*RT* calcium sulfates*RT* gypsum**ANILINE***UF* *aminobenzene**UF* *phenylamine***BT1* amines**BT1* aromatics*RT* benzene*RT* polycyclic aromatic amines**ANIMAL BREEDING***NT1* mass rearing*RT* agriculture*RT* domestic animals*RT* genetics*RT* nests*RT* nutrition*RT* progeny*RT* radiation induced mutants*RT* reproduction**ANIMAL CELLS***Includes human cells.**UF* *cell growth (animal)**UF* *cells (animal)**UF* *human cells**UF* *melanocytes**UF* *pigment cells**NT1* embryonic cells*NT1* hair follicles*NT1* hybridomas*NT1* somatic cells*NT2* cho cells*NT2* connective tissue cells*NT3* bone cells*NT3* bone marrow cells*NT3* fat cells*NT3* fibroblasts*NT3* lymphocytes*NT3* macrophages*NT3* mast cells*NT3* plasma cells*NT2* crypt cells*NT2* liver cells*NT2* nerve cells*NT2* phagocytes*NT3* macrophages*NT2* respiratory tract cells*NT2* spleen cells*NT2* stem cells*NT2* thymocytes*NT2* thymus cells*NT2* thyroid cells*NT1* tumor cells*NT2* ascites tumor cells*NT2* hela cells*NT1* xp cells*RT* cell constituents*RT* cell cultures*RT* cell flow systems*RT* clone cells*RT* colony formation*RT* cytology*RT* homogenates*RT* intracellular digestion**ANIMAL FEEDS***UF* *fodder**BT1* food*NT1* forage*RT* diet*RT* distillers dried grains*RT* food additives*RT* molasses*RT* nutrition**ANIMAL GROWTH***BT1* growth*RT* animals*RT* metamorphosis*RT* molting*RT* ontogenesis*RT* rearing**ANIMAL SHELTERS***INIS: 1992-08-24; ETDE: 1977-06-21**BT1* buildings*BT1* shelters**ANIMAL TISSUES***INIS: 1996-03-14; ETDE: 1980-11-24*

(Until March 1996 this concept was indexed to TISSUES.)

UF *human tissues**UF* *muscular tissue**SF* *tissues**BT1* body*NT1* bone marrow*NT1* connective tissue*NT2* adipose tissue*NT2* bone tissues*NT3* antlers*NT3* trabecular bone*NT2* cartilage*NT2* fascia*NT2* ligaments*NT2* tendons*NT1* endothelium*NT1* epithelium*NT2* epidermis*NT1* nerve tissue*NT1* perfused tissues*NT1* reticuloendothelial system*RT* biological materials*RT* biological regeneration*RT* biology*RT* biopsy*RT* capillaries*RT* histological techniques*RT* histology*RT* homogenates*RT* in vivo*RT* morphological changes*RT* organs*RT* plant tissues*RT* retention*RT* skin

RT tissue cultures
RT tissue distribution
RT tissue-equivalent materials
RT tissue extracts

ANIMALS

NT1 domestic animals
NT2 cattle
NT3 calves
NT3 cows
NT2 goats
NT2 sheep
NT2 swine
NT3 miniature swine
NT1 germ-free animals
NT1 invertebrates
NT2 annelids
NT2 arthropods
NT3 arachnids
NT4 mites
NT4 scorpions
NT4 spiders
NT4 ticks
NT3 crustaceans
NT4 branchiopods
NT5 artemia
NT5 daphnia
NT4 copepods
NT4 decapods
NT5 crabs
NT5 lobsters
NT5 prawns
NT5 shrimp
NT3 insects
NT4 coleoptera
NT5 beetles
NT6 boll weevil
NT6 tribolium
NT4 dictyoptera
NT5 cockroaches
NT4 diptera
NT5 flies
NT6 fruit flies
NT7 anastrepha
NT7 ceratitis capitata
NT7 dacus
NT8 dacus oleae
NT7 drosophila
NT6 glossina
NT6 hylemya antiqua
NT6 screwworm fly
NT5 mosquitoes
NT4 ephemeroptera
NT4 hemiptera
NT5 aphids
NT4 hymenoptera
NT5 ants
NT5 bees
NT5 wasps
NT4 lepidoptera
NT5 moths
NT6 bollworm
NT6 codling moth
NT6 lymantria dispar
NT6 rice stem borers
NT6 silkworm
NT4 orthoptera
NT5 grasshoppers
NT6 locusts
NT2 bryozoa
NT2 coelenterata
NT3 cnidaria
NT4 corals
NT4 hydra
NT2 echinoderms
NT3 sea urchins
NT2 molluscs
NT3 clams
NT3 mussels

NT3 oysters
NT3 snails
NT2 nematodes
NT3 ascaridae
NT4 ascaris
NT3 dictyocaulus
NT3 hookworm
NT3 trichinella
NT2 platyhelminths
NT3 cestodes
NT3 trematodes
NT4 fasciola
NT4 schistosoma
NT3 turbellaria
NT4 planaria
NT2 protozoa
NT3 ciliata
NT4 paramecium
NT4 tetrahymena
NT3 mastigophora
NT4 dinoflagellate
NT4 euglena
NT4 trypanosoma
NT3 sarcodina
NT4 amoeba
NT4 foraminifera
NT3 sporozoa
NT4 babesidae
NT4 plasmodium
NT2 rotifera
NT1 laboratory animals
NT1 neonates
NT1 transgenic animals
NT2 transgenic mice
NT1 vertebrates
NT2 amphibians
NT3 frogs
NT3 salamanders
NT4 triturus
NT3 toads
NT2 birds
NT3 fowl
NT4 chickens
NT4 ducks
NT4 geese
NT3 pigeons
NT2 fishes
NT3 anadromous fishes
NT4 salmon
NT4 striped bass
NT3 codfish
NT3 eel
NT3 fathead minnow
NT3 goldfish
NT3 plaice
NT3 trout
NT3 tuna
NT2 mammals
NT3 bats
NT3 bears
NT3 burros
NT3 cats
NT3 cetaceans
NT3 coyotes
NT3 dogs
NT4 beagles
NT3 foxes
NT3 horses
NT3 marsupials
NT3 otters
NT3 pinnipeds
NT3 primates
NT4 apes
NT4 man
NT5 children
NT6 infants
NT5 elderly people
NT5 men
NT5 women

NT4 monkeys
NT5 baboons
NT5 macacus
NT3 rabbits
NT3 rodents
NT4 gerbils
NT4 guinea pigs
NT4 hamsters
NT4 mice
NT5 transgenic mice
NT4 prairie dogs
NT4 rats
NT4 squirrels
NT4 voles
NT3 ruminants
NT4 buffalo
NT4 camels
NT4 cattle
NT5 calves
NT5 cows
NT4 deer
NT4 goats
NT4 llamas
NT4 sheep
NT3 shrews
NT3 swine
NT4 miniature swine
NT3 wolves
NT2 reptiles
NT3 alligators
NT3 lizards
NT3 snakes
NT3 turtles
NT1 wild animals
RT animal growth
RT aquatic organisms
RT biological extinction
RT biological materials
RT biology
RT ecology
RT endangered species
RT females
RT fossils
RT males
RT species diversity
RT symbiosis
RT veterinary medicine

ANIONS

(From May 1981 to February 1997
 CARBANIONS was a valid ETDE
 descriptor.)

UF carbanions
UF hydroxyl ions
UF negative ions
**BT1* ions
NT1 heteropolyanions
NT1 hydrogen ions 1 minus
RT chemical state
RT electrolysis
RT ion beams
RT ion exchange materials

ANISOLE

UF methoxybenzene
UF methyl phenyl ether
UF phenyl methyl ether
**BT1* ethers

ANISOTROPY

RT asymmetry
RT configuration
RT distribution
RT isotropy
RT mass distribution
RT orientation
RT sherman tables
RT transverse energy

anisyl radicals

1996-07-16

(Until July 1996 this was a valid descriptor.)

USE aryl radicals

ANKERITE

INIS: 2000-04-12; ETDE: 1975-11-28

A dolomitic iron-containing mineral.

SF pearl spar

*BT1 carbonate minerals

RT calcium carbonates

RT iron carbonates

RT magnesium carbonates

RT manganese carbonates

ankylosing spondylitis

USE spondylitis

ANL

UF argonne national laboratory

*BT1 us aec

*BT1 us doe

*BT1 us erda

RT illinois

anl zero power research reactor-3

INIS: 1993-11-03; ETDE: 2002-06-07

USE zpr-3 reactor

anl zero power research reactor-6

INIS: 1993-11-03; ETDE: 2002-06-07

USE zpr-6 reactor

anl zero power research reactor-9

INIS: 1993-11-03; ETDE: 2002-06-07

USE zpr-9 reactor

anmr

USE acoustic nmr

ANNA REACTOR

Institute of Nuclear Research, Swierk, Poland.

UF swierk anna reactor

*BT1 enriched uranium reactors

*BT1 graphite moderated reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

*BT1 zero power reactors

ANNEALING

BT1 heat treatments

RT recrystallization

RT stress relaxation

anneau de collisions d'orsay

2005-01-25

USE orsay storage rings

ANNELIDS

UF earthworms

UF worms (segmented)

*BT1 invertebrates

annie event

INIS: 1994-10-13; ETDE: 1981-07-06

A test made during the UPSHOT PROJECT.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE atmospheric explosions

USE nuclear explosions

ANNIHILATION

SF disintegration (nuclear particles)

*BT1 particle interactions

RT electromagnetic interactions

RT gribov-lipatov relation

RT strong interactions

ANNIHILATION OPERATORS

UF coherent states

*BT1 quantum operators

RT second quantization

RT vacuum states

ANNUAL CYCLE ENERGY SYSTEM

INIS: 2000-04-12; ETDE: 1975-11-11

UF annual energy storage

RT air conditioning

RT heating

RT space heating

RT water heaters

annual energy storage

INIS: 2000-04-12; ETDE: 1979-04-12

(Prior to March 1996 this was a valid ETDE descriptor.)

USE annual cycle energy system

USE energy storage

ANNUAL LIMIT OF INTAKE

INIS: 1985-04-23; ETDE: 1984-09-21

The greatest value of the annual intake of a given radionuclide which corresponds to a whole-body dose commitment of less than or equal to 5 rem and tissue dose commitment of less than or equal to 50 rem.

UF ali

*BT1 safety standards

RT critical organs

RT intake

RT radiation protection

RT radioactivity

ANNUAL VARIATIONS

BT1 variations

annular core pulse reactor

USE acpr reactor

annular core research reactor

INIS: 2000-04-12; ETDE: 1979-10-23

USE acpr reactor

ANNULAR FUEL ELEMENTS

*BT1 fuel elements

RT fuel washers

ANNULAR SPACE

BT1 configuration

BT1 space

NT1 toroidal configuration

RT tori

ano-1 reactor

2017-10-30

USE arkansas-1 reactor

ano-2 reactor

2017-10-30

USE arkansas-2 reactor

ANODES

BT1 electrodes

NT1 hollow anodes

NT1 photoanodes

RT thermionic collectors

ANODIZATION

BT1 corrosion protection

*BT1 electrochemical coating

*BT1 electrolysis

ANOMALONS

INIS: 1984-10-23; ETDE: 1984-05-08

Projectile fragments from relativistic heavy ion reactions with anomalously short mean free paths.

BT1 nuclear fragments

RT heavy ion reactions

RT mean free path

ANOMALOUS DIMENSION

UF non-canonical dimension

UF noncanonical dimension

BT1 scale dimension

anopheles

USE mosquitoes

ANOREXIA

RT digestive system

RT digestive system diseases

ANORTHITE

INIS: 2000-04-12; ETDE: 1981-04-17

A plagioclase feldspar.

*BT1 feldspars

ANORTHOSITES

A group of essentially monomineralic plutonic igneous rocks composed almost entirely of plagioclase feldspar.

UF plagioclase

UF plagioclasite

*BT1 gabbros

RT feldspars

RT lunar materials

RT olivine

ANOXIA

UF hypoxia

RT biological stress

RT ischemia

RT oxidation

RT oxygen

RT respiration

ANSTO

INIS: 1996-01-30; ETDE: 1988-11-01

Australian Nuclear Science and Technology Organization, created on 27 April 1987 and replacing the AAEC.

UF aaec

UF australian atomic energy commission

*BT1 australian organizations

ANTARCTIC OCEAN

INIS: 1992-07-13; ETDE: 1992-06-18

The southern waters of the Atlantic, Pacific and Indian oceans.

(Prior to June 1992 SEAS was used for this concept in ETDE.)

*BT1 seas

NT1 weddell sea

RT antarctic regions

RT antarctica

ANTARCTIC REGIONS

*BT1 polar regions

NT1 antarctica

RT antarctic ocean

RT arctic regions

RT auroral zones

RT climates

RT glaciers

RT ice

RT ice caps

RT polar-cap aurorae

RT snow

ANTARCTICA

*BT1 antarctic regions

RT antarctic ocean

ANTARES FACILITY

INIS: 1995-03-28; ETDE: 1978-09-11

Large CO2 laser facility to be used at Los Alamos for laser fusion.

RT aurora facility

RT carbon dioxide lasers

RT helios facility

RT lanl

RT laser fusion reactors

ANTARES TANDEM ACCELERATOR

INIS: 1995-03-31; ETDE: 1998-07-07
Lucas Heights Research Laboratory,
Australia.

*BT1 tandem electrostatic accelerators

antelopes

1997-01-28
 (Until October 1996 this was a valid
 descriptor.)
 USE ruminants

ANTENNAS

1999-02-26
 *BT1 electrical equipment
 NT1 radio telescopes
 NT1 rectennas
 RT radio equipment

anthers

USE stamen

anthonomus grandis

USE boll weevil

ANTHRACENE

*BT1 polycyclic aromatic hydrocarbons
 RT anthraquinones
 RT organic crystal phosphors
 RT plastic scintillators

ANTHRACITE

UF hard coal
 *BT1 black coal
 RT culm

ANTHRANILIC ACID

UF aminobenzoic acid-ortho
 *BT1 amino acids

ANTHRAQUINONES

*BT1 quinones
 NT1 alizarin
 NT1 carminic acid
 NT1 quinizarin
 RT anthracene
 RT dyes

anthraquinonic acid

USE alizarin

ANTHROPOLOGY

INIS: 1993-06-07; ETDE: 1976-05-13
The study of the interrelations of biological,
cultural, geographical, and historical aspects
of man.
 RT human populations
 RT man
 RT sociology

ANTI-B NEUTRAL MESONS

INIS: 1987-12-21; ETDE: 1988-02-19
 *BT1 b neutral mesons
 *BT1 pseudoscalar antimesons

ANTI-D NEUTRAL MESONS

INIS: 1987-12-21; ETDE: 1989-02-10
 *BT1 d neutral mesons
 *BT1 pseudoscalar antimesons

ANTI DE SITTER GROUP

2007-08-13
 *BT1 lie groups
 RT anti de sitter space

ANTI DE SITTER SPACE

2007-08-13
 *BT1 mathematical space
 RT anti de sitter group
 RT lorentz groups
 RT space-time
 RT string theory
 RT superstring theory

ANTI-INFECTIVE AGENTS

INIS: 1992-02-24; ETDE: 1981-04-20

BT1 drugs
 NT1 antibiotics
 NT2 actinomycin
 NT2 bleomycin
 NT2 chloramphenicol
 NT2 cycloheximide
 NT2 doxorubicin
 NT2 erythromycin
 NT2 mitomycin
 NT2 neocarcinostatin
 NT2 neomycin
 NT2 penicillin
 NT2 puromycin
 NT2 streptomycin
 NT2 streptozocin
 NT2 tetracyclines
 NT3 oxytetracycline
 NT2 valinomycin
 NT1 antimicrobial agents
 NT2 fudr
 NT2 isoniazid
 NT2 methylene blue
 NT2 quinine
 NT2 sulfonamides
 RT antimitotic drugs
 RT infectious diseases
 RT microorganisms
 RT pathogens

anti-inflammatory agents

INIS: 2000-04-12; ETDE: 1981-04-20
 USE antipyretics

anti-missile systems

INIS: 2000-04-12; ETDE: 1984-11-29
 USE space weapons

anti-satellite systems

INIS: 2000-04-12; ETDE: 1984-11-29
 USE space weapons

ANTIANDROGENS

INIS: 1979-09-18; ETDE: 1979-10-23

UF androgen antagonists
 BT1 drugs
 RT androgens
 RT biochemistry
 RT chemotherapy
 RT pharmacology
 RT physiology

ANTIBARYONS

*BT1 antiparticles
 *BT1 baryons
 NT1 antihyperons
 NT2 antilambda particles
 NT2 antiomega particles
 NT2 antisigma particles
 NT2 antixi particles
 NT1 antinucleons
 NT2 antineutrons
 NT2 antiprotons

ANTIBIOTICS

1996-10-22
 (From June 1981 till March 1997
 ANTIMYCIN was a valid ETDE descriptor.)

UF antimycin
 *BT1 anti-infective agents
 BT1 organic compounds
 NT1 actinomycin
 NT1 bleomycin
 NT1 chloramphenicol
 NT1 cycloheximide
 NT1 doxorubicin
 NT1 erythromycin
 NT1 mitomycin
 NT1 neocarcinostatin

NT1 neomycin
 NT1 penicillin
 NT1 puromycin
 NT1 streptomycin
 NT1 streptozocin
 NT1 tetracyclines
 NT2 oxytetracycline
 NT1 valinomycin
 RT antimitotic drugs
 RT antineoplastic drugs
 RT bacterial diseases
 RT germicides
 RT infectious diseases
 RT microorganisms
 RT mutagens

ANTIBODIES

NT1 agglutinins
 NT2 hemagglutinins
 NT3 concanavalin a
 NT3 phytohemagglutinin
 NT1 antitoxins
 NT1 hemolysins
 NT1 monoclonal antibodies
 NT1 precipitins
 RT antigen-antibody reactions
 RT antigens
 RT complement
 RT enzyme immunoassay
 RT immune serums
 RT immunity
 RT lectins
 RT radioimmunoassay
 RT radioimmunodetection
 RT radioimmunotherapy
 RT toxoids

ANTIBODY FORMATION

RT antigen-antibody reactions
 RT germ-free animals
 RT immunity

anticipated transients without scram

2017-07-18
 USE atws

ANTICLINES

INIS: 2000-01-21; ETDE: 1977-09-19
Folds, the cores of which contain the
stratigraphically older rocks; they are convex
upward.
 BT1 geologic structures
 RT petroleum deposits
 RT salt deposits

ANTICOAGULANTS

1996-07-18
 (COUMARINS and DICUMAROL have been
 valid ETDE descriptors.)
 UF dicumarol
 SF coumarins
 *BT1 hematologic agents
 NT1 coumarin
 NT1 heparin
 NT1 psoralen
 RT blood coagulation
 RT coagulants
 RT fibrinolysin
 RT fibrinolytic agents
 RT hematinics
 RT vitamin k

ANTICOINCIDENCE

Detector arrangement.
 RT coincidence circuits
 RT counting techniques

ANTICONVULSANTS

INIS: 1984-05-24; ETDE: 1979-11-23

Used extensively in suppressing the side effects of radiotherapy involving portions of the central nervous system.

*BT1 central nervous system depressants

NT1 phenobarbital

RT radiotherapy

anticorrosion

USE corrosion protection

ANTICYCLONES

2013-12-13

UF high-pressure areas

RT atmospheric pressure

RT meteorology

RT troposphere

ANTIDEPRESSANTS

INIS: 1996-07-18; ETDE: 1981-04-20

(Prior to April 1981 this concept in ETDE was indexed to PSYCHOTROPIC DRUGS.)

UF iproniazid

*BT1 psychotropic drugs

NT1 cocaine

NT1 imipramine

ANTIDEUTERON REACTIONS

INIS: 1988-11-16; ETDE: 1988-12-02

*BT1 deutron reactions

RT antideuterons

ANTIDEUTERONS

*BT1 antinuclei

*BT1 deuterons

RT antideutron reactions

antidiuretic hormone

USE vasopressin

ANTIFERROELECTRIC MATERIALS

UF materials (antiferroelectric)

*BT1 dielectric materials

RT ferroelectric materials

ANTIFERROMAGNETIC MATERIALS

UF materials (antiferromagnetic)

*BT1 magnetic materials

RT ferromagnetic materials

RT kondo effect

ANTIFERROMAGNETISM

BT1 magnetism

NT1 mictomagnetism

RT ferrimagnetism

RT ferromagnetism

RT hubbard model

RT neel temperature

ANTIFOULANTS

INIS: 1985-12-10; ETDE: 1978-12-28

Materials which prevent formation and/or deposition of foulants, e.g., on heat transfer surfaces or equipment.

RT biological fouling

RT corrosion

RT deposits

RT fouling

ANTIFREEZE

INIS: 2000-04-12; ETDE: 1978-03-03

RT freeze protection

RT freezing

RT working fluids

ANTIGEN-ANTIBODY REACTIONS

UF agglutination

RT anaphylaxis

RT antibodies

RT antibody formation

RT antigens

RT complement

RT cpb

RT enzyme immunoassay

RT graft-host reaction

RT immune reactions

RT immunity

RT lectins

RT radioimmunoassay

ANTIGENS

NT1 carcinoembryonic antigen

NT1 histocompatibility complex

NT1 toxins

NT2 endotoxins

NT2 mycotoxins

NT3 aflatoxins

NT1 tuberculin

RT antibodies

RT antigen-antibody reactions

RT enzyme immunoassay

RT freunds adjuvant

RT immunity

RT lectins

RT membrane proteins

RT radioimmunoassay

RT vaccines

ANTIGUA AND BARBUDA

1997-03-07

*BT1 lesser antilles

antihistamines

INIS: 2000-04-12; ETDE: 1981-04-20

USE antihistaminics

ANTIISTAMINICS

UF antihistamines

UF promethazine

BT1 drugs

RT allergy

RT histamine

ANTIHYPERTENS

*BT1 antibaryons

*BT1 hyperons

NT1 antilambda particles

NT1 antiomega particles

NT1 antisigma particles

NT1 antixi particles

ANTIHYPERTENSIVE AGENTS

INIS: 1996-10-23; ETDE: 1981-04-20

*BT1 cardiovascular agents

NT1 reserpine

RT blood pressure

RT diuretics

RT hypertension

ANTIKAONS

*BT1 antiparticles

*BT1 kaons

NT1 antikaons neutral

ANTIKAONS NEUTRAL

*BT1 antikaons

*BT1 kaons neutral

ANTIKNOCK RATINGS

INIS: 2000-04-12; ETDE: 1993-08-10

(Prior to December 1991 this was a valid ETDE descriptor. From December 1991 to August 1993 KNOCK CONTROL was used for this concept.)

UF cetane number

UF cetene number

UF octane number

RT autoignition

RT ignition quality

RT knock control

ANTILAMBDA PARTICLES

*BT1 antihyperons

*BT1 lambda particles

ANTILEPTON-NEUTRON INTERACTIONS

INIS: 1977-01-25; ETDE: 1977-04-13

*BT1 lepton-neutron interactions

NT1 antineutrino-neutron interactions

ANTILEPTON-PROTON INTERACTIONS

ETDE: 1975-09-11

*BT1 lepton-proton interactions

NT1 antineutrino-proton interactions

ANTILEPTONS

*BT1 antiparticles

*BT1 leptons

NT1 antineutrinos

NT2 electron antineutrinos

NT2 muon antineutrinos

NT1 muons plus

NT1 positrons

NT2 cosmic positrons

ANTIMATTER

BT1 matter

NT1 antinuclei

NT2 antideuterons

NT2 antiprotons

NT2 antitritons

NT1 antiparticles

NT2 antibaryons

NT3 antihyperons

NT4 antilambda particles

NT4 antiomega particles

NT4 antisigma particles

NT4 antixi particles

NT3 antinucleons

NT4 antineutrons

NT4 antiprotons

NT2 antikaons

NT3 antikaons neutral

NT2 antileptons

NT3 antineutrinos

NT4 electron antineutrinos

NT4 muon antineutrinos

NT3 muons plus

NT3 positrons

NT4 cosmic positrons

NT2 antimesons

NT3 pseudoscalar antimesons

NT4 anti-b neutral mesons

NT4 anti-d neutral mesons

NT2 antiquarks

NT3 b antiquarks

NT3 c antiquarks

NT3 d antiquarks

NT3 s antiquarks

NT3 t antiquarks

NT3 u antiquarks

RT ambiplasma

ANTIMESONS

1999-03-05

Use more specific meson type as appropriate.

*BT1 antiparticles

*BT1 mesons

NT1 pseudoscalar antimesons

NT2 anti-b neutral mesons

NT2 anti-d neutral mesons

ANTIMETABOLITES

UF azaguanine

BT1 drugs

NT1 adenines

NT2 kinetin

NT1 aminopterin

NT1 bromouracils

NT2 budr
 NT1 deoxyuridine
 NT1 ethionine
 NT1 fluorodeoxyglucose
 NT1 fluorouracils
 NT2 fudr
 NT1 iodouracils
 NT2 iododeoxyuridine
 NT1 mercaptopurine
 NT1 methotrexate
 NT1 thiouracil
 RT alkylating agents
 RT antimitotic drugs
 RT chemosterilants
 RT metabolites
 RT synchronization
 RT synchronous cultures

ANTIMICROBIAL AGENTS

INIS: 1996-10-23; ETDE: 1981-04-20

(Prior to February 1992, this concept was indexed to ANTIBIOTICS.)

UF methenamine
 *BT1 anti-infective agents
 NT1 fudr
 NT1 isoniazid
 NT1 methylene blue
 NT1 quinine
 NT1 sulfonamides

ANTIMITOTIC DRUGS

UF cytostatics
 UF cytotoxins
 BT1 drugs
 NT1 actinomycin
 NT1 bleomycin
 NT1 colchicine
 NT1 mitomycin
 NT1 nem
 NT1 oncovin
 NT1 vinblastine
 RT alkylating agents
 RT aminopterin
 RT anti-infective agents
 RT antibiotics
 RT antimetabolites
 RT antineoplastic drugs
 RT chemotherapy
 RT immunosuppression
 RT mitosis
 RT mutagens
 RT neocarcinostatin
 RT neoplasms
 RT radiomimetic drugs
 RT radiosensitizers

ANTIMONATES

INIS: 1979-09-18; ETDE: 1979-10-23

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 antimony compounds
 BT1 oxygen compounds
 RT antimony oxides

ANTIMONIDES

INIS: 1978-08-30; ETDE: 1988-09-21

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor, except for the NTs listed below.

BT1 antimony compounds
 BT1 pnictides
 NT1 gallium antimonides
 NT1 indium antimonides
 RT antimony additions
 RT antimony alloys
 RT intermetallic compounds

ANTIMONY

*BT1 metals

ANTIMONY 103

2007-09-26

*BT1 antimony isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

ANTIMONY 104

INIS: 1996-06-17; ETDE: 1996-05-31

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 105

INIS: 1996-06-17; ETDE: 1996-05-31

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 106

INIS: 1981-07-13; ETDE: 1980-10-28

*BT1 antimony isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 107

2004-12-15

*BT1 antimony isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 108

INIS: 1977-06-14; ETDE: 1977-10-19

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 109

*BT1 antimony isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 110

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 111

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

ANTIMONY 112

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 113

*BT1 antimony isotopes

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-even nuclei

ANTIMONY 114

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 115

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

ANTIMONY 116

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 117

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-even nuclei

ANTIMONY 118

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 118 TARGET

INIS: 1992-09-22; ETDE: 1982-03-29
 BT1 targets

ANTIMONY 119

*BT1 antimony isotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 odd-even nuclei

ANTIMONY 120

*BT1 antimony isotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 120 TARGET

ETDE: 1976-07-09
 BT1 targets

ANTIMONY 121

*BT1 antimony isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 stable isotopes

ANTIMONY 121 TARGET*ETDE: 1976-07-09*

BT1 targets

ANTIMONY 122

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 123

*BT1 antimony isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 stable isotopes

ANTIMONY 123 TARGET*ETDE: 1976-07-09*

BT1 targets

ANTIMONY 124

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 125

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 years living radioisotopes

ANTIMONY 126

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 127

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

ANTIMONY 127 TARGET*INIS: 1979-01-18; ETDE: 1978-10-23*

BT1 targets

ANTIMONY 128

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 129

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

ANTIMONY 130

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 131

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

ANTIMONY 132

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 133

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

ANTIMONY 134

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 135

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

ANTIMONY 136*INIS: 1976-07-30; ETDE: 1975-10-28*

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ANTIMONY 137*2007-09-26*

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

ANTIMONY 138*2007-09-26*

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

ANTIMONY 139*2007-09-26*

*BT1 antimony isotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

ANTIMONY ADDITIONS*Alloys containing not more than 1% Sb are listed here.*

*BT1 antimony alloys
 RT antimonides

ANTIMONY ALLOYS*Alloys containing more than 1% Sb.*

BT1 alloys

NT1 antimony additions
 NT1 antimony base alloys
 NT1 terre-metal
 RT antimonides

ANTIMONY BASE ALLOYS

*BT1 antimony alloys

ANTIMONY BROMIDES

*BT1 antimony halides
 *BT1 bromides

ANTIMONY CHLORIDES

*BT1 antimony halides
 *BT1 chlorides

ANTIMONY COMPLEXES

BT1 complexes

ANTIMONY COMPOUNDS*1997-06-17*

NT1 antimonates
 NT1 antimonides
 NT2 gallium antimonides
 NT2 indium antimonides
 NT1 antimony halides
 NT2 antimony bromides
 NT2 antimony chlorides
 NT2 antimony fluorides
 NT2 antimony iodides
 NT1 antimony hydrides
 NT1 antimony hydroxides
 NT1 antimony oxides
 NT1 antimony selenides
 NT1 antimony sulfates
 NT1 antimony sulfides
 NT1 antimony tellurides

ANTIMONY FLUORIDES

*BT1 antimony halides
 *BT1 fluorides

ANTIMONY HALIDES*2012-07-19*

BT1 antimony compounds
 *BT1 halides
 NT1 antimony bromides
 NT1 antimony chlorides
 NT1 antimony fluorides
 NT1 antimony iodides

ANTIMONY HYDRIDES

BT1 antimony compounds
 *BT1 hydrides

ANTIMONY HYDROXIDES

BT1 antimony compounds
 *BT1 hydroxides

ANTIMONY IODIDES

*BT1 antimony halides
 *BT1 iodides

ANTIMONY IONS

*BT1 ions

ANTIMONY ISOTOPES*1999-07-16*

BT1 isotopes
 NT1 antimony 103
 NT1 antimony 104
 NT1 antimony 105
 NT1 antimony 106
 NT1 antimony 107
 NT1 antimony 108
 NT1 antimony 109
 NT1 antimony 110
 NT1 antimony 111
 NT1 antimony 112
 NT1 antimony 113
 NT1 antimony 114
 NT1 antimony 115
 NT1 antimony 116

NT1 antimony 117
NT1 antimony 118
NT1 antimony 119
NT1 antimony 120
NT1 antimony 121
NT1 antimony 122
NT1 antimony 123
NT1 antimony 124
NT1 antimony 125
NT1 antimony 126
NT1 antimony 127
NT1 antimony 128
NT1 antimony 129
NT1 antimony 130
NT1 antimony 131
NT1 antimony 132
NT1 antimony 133
NT1 antimony 134
NT1 antimony 135
NT1 antimony 136
NT1 antimony 137
NT1 antimony 138
NT1 antimony 139

ANTIMONY OXIDES

BT1 antimony compounds
***BT1** oxides
RT antimonates

ANTIMONY SELENIDES

INIS: 1979-11-02; ETDE: 1976-01-07
BT1 antimony compounds
***BT1** selenides

ANTIMONY SULFATES

2000-04-12
BT1 antimony compounds
***BT1** sulfates

ANTIMONY SULFIDES

BT1 antimony compounds
***BT1** sulfides

ANTIMONY TELLURIDES

1979-02-21
BT1 antimony compounds
***BT1** tellurides

antimuons

USE muons plus

antimycin

INIS: 1996-10-22; ETDE: 1981-06-13
 (Until October 1996 this was a valid descriptor.)
USE antibiotics

ANTINEOPLASTIC DRUGS

BT1 drugs
NT1 actinomycin
NT1 aminopterin
NT1 bleomycin
NT1 chlorambucil
NT1 doxorubicin
NT1 metronidazole
NT1 misonidazole
NT1 mitomycin
NT1 neocarcinostatin
NT1 puromycin
NT1 streptozocin
RT alkylating agents
RT antibiotics
RT antimitotic drugs
RT chemotherapy
RT combined therapy
RT neoplasms

ANTINEUTRINO BEAMS

***BT1** antiparticle beams
***BT1** neutrino beams
RT antineutrinos

ANTINEUTRINO-ELECTRON INTERACTIONS

***BT1** neutrino-electron interactions

ANTINEUTRINO-NEUTRON INTERACTIONS

INIS: 1977-01-25; ETDE: 1977-04-13
***BT1** antilepton-neutron interactions
***BT1** antineutrino-nucleon interactions
***BT1** neutrino-neutron interactions

ANTINEUTRINO-NUCLEON INTERACTIONS

***BT1** neutrino-nucleon interactions
NT1 antineutrino-neutron interactions
NT1 antineutrino-proton interactions

ANTINEUTRINO-PROTON INTERACTIONS

INIS: 1975-12-17; ETDE: 1976-01-26
***BT1** antilepton-proton interactions
***BT1** antineutrino-nucleon interactions
***BT1** neutrino-proton interactions

ANTINEUTRINO REACTIONS

INIS: 1989-11-24; ETDE: 1989-12-08
BT1 nuclear reactions

ANTINEUTRINOS

***BT1** antileptons
***BT1** neutrinos
NT1 electron antineutrinos
NT1 muon antineutrinos
RT antineutrino beams

antineutron-deuteron interactions

2000-04-12
 (Prior to February 1995 this was a valid ETDE descriptor. From February 1995 till May 1996 ANTINEUTRON REACTIONS and DEUTERIUM TARGET were used for this concept in ETDE.)
USE neutron-antineutron interactions
USE proton-antineutron interactions

ANTINEUTRON REACTIONS

***BT1** antinucleon reactions

ANTINEUTRONS

***BT1** antinucleons
***BT1** neutrons
RT neutron oscillation

antinuclear groups

INIS: 1982-12-03; ETDE: 2002-06-07
USE interest groups

ANTINUCLEI

***BT1** antimatter
BT1 nuclei
NT1 antideuteron
NT1 antiprotons
NT1 antitritons

ANTINUCLEON BEAMS

***BT1** antiparticle beams
NT1 antiproton beams
RT antinucleons

ANTINUCLEON REACTIONS

***BT1** nucleon reactions
NT1 antineutron reactions
NT1 antiproton reactions

ANTINUCLEONS

***BT1** antibaryons
***BT1** nucleons
NT1 antineutrons
NT1 antiprotons
RT antinucleon beams

ANTIOMEGA PARTICLES

***BT1** antihyperons

***BT1** omega particles

ANTIOXIDANTS

RT oxidation
RT oxidizers

ANTIPARTICLE BEAMS

BT1 beams
NT1 antineutrino beams
NT1 antinucleon beams
NT2 antiproton beams
RT pomeranchuk theorem

ANTIPARTICLES

***BT1** antimatter
BT1 elementary particles
NT1 antibaryons
NT2 antihyperons
NT3 antilambda particles
NT3 antiomega particles
NT3 antisigma particles
NT3 antixi particles
NT2 antinucleons
NT3 antineutrons
NT3 antiprotons
NT1 antikaons
NT2 antikaons neutral
NT1 antileptons
NT2 antineutrinos
NT3 electron antineutrinos
NT3 muon antineutrinos
NT2 muons plus
NT2 positrons
NT3 cosmic positrons
NT1 antimesons
NT2 pseudoscalar antimesons
NT3 anti-b neutral mesons
NT3 anti-d neutral mesons
NT1 antiquarks
NT2 b antiquarks
NT2 c antiquarks
NT2 d antiquarks
NT2 s antiquarks
NT2 t antiquarks
NT2 u antiquarks
RT majorana fermions

ANTIPROTON BEAMS

***BT1** antinucleon beams

antiproton-deuteron interactions

(Prior to May 1996 this was a valid ETDE descriptor.)
USE antiproton-neutron interactions
USE proton-antiproton interactions

ANTIPROTON-NEUTRON INTERACTIONS

(From January 1975 till May 1996 ANTIPROTON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)
UF antiproton-deuteron interactions
***BT1** nucleon-antinucleon interactions

antiproton-proton interactions

ETDE: 2002-06-07
USE proton-antiproton interactions

ANTIPROTON REACTIONS

***BT1** antinucleon reactions

ANTIPROTON SOURCES

INIS: 1985-12-10; ETDE: 1986-01-16
***BT1** particle sources
RT antiprotons

antiprotonic atoms

USE hadronic atoms

ANTIPROTONS

***BT1** antinuclei

- *BT1 antinucleons
- *BT1 protons
- RT antiproton sources
- RT protonium

ANTIPYRETICS

1996-07-18

- UF acetophenetidin
- UF aminopyrine
- UF anti-inflammatory agents
- UF phenacetin
- *BT1 central nervous system depressants
- NT1 acetylsalicylic acid
- NT1 antipyrene
- NT1 colchicine
- NT1 quinine
- RT analgesics
- RT fever
- RT inflammation

ANTIPYRINE

- *BT1 analgesics
- *BT1 antipyretics
- *BT1 pyrazolines

ANTIQUARKS

2007-06-26

- *BT1 antiparticles
- *BT1 quarks
- NT1 b antiquarks
- NT1 c antiquarks
- NT1 d antiquarks
- NT1 s antiquarks
- NT1 t antiquarks
- NT1 u antiquarks

ANTIREFLECTION COATINGS

1976-10-07

- BT1 coatings
- RT optical equipment
- RT optical systems
- RT reflective coatings
- RT solar absorbers

ANTISEPTICS

INIS: 2000-04-12; ETDE: 1976-01-23

Disinfectants mild enough for use on living tissue.

- BT1 germicides
- RT disinfectants
- RT drugs

antiserum

- USE immune serums

ANTISIGMA PARTICLES

- *BT1 antihyperons
- *BT1 sigma particles

ANTITHYROID DRUGS

- UF thyroid antagonists
- BT1 drugs
- NT1 thiocyanates
- NT2 ammonium thiocyanates
- NT1 thiouracil
- NT1 thiourea
- RT hyperthyroidism
- RT hypothyroidism
- RT thyroid

ANTITOXINS

- BT1 antibodies
- RT toxins

ANTITRITONS

- *BT1 antinuclei
- *BT1 tritons

ANTITRUST LAWS

1992-08-17

(From February to August 1992 this concept in ETDE was indexed to US ANTITRUST LAWS.)

- UF us antitrust laws
- BT1 laws
- RT business
- RT competition
- RT conflicts of interest
- RT marketing
- RT monopolies

ANTITRUST REVIEW

1999-07-20

A review to establish whether a situation would be created or maintained which would be inconsistent with antitrust laws.

- BT1 legal aspects
- RT reactor licensing

ANTIXI PARTICLES

- *BT1 antihyperons
- *BT1 xi particles

ANTLERS

- *BT1 bone tissues
- RT deer

antrim shales

INIS: 1992-07-22; ETDE: 1980-10-27

- USE black shales

ANTS

INIS: 1993-07-12; ETDE: 1981-06-16

- *BT1 hymenoptera

ANU SUPERCONDUCTING LINAC

INIS: 1996-08-06; ETDE: 1998-07-07

Linear Accelerator at the Australian National University, Department of Nuclear Physics.

- *BT1 linear accelerators

ANVIL POINTS RESEARCH FACILITY

2000-04-12

- *BT1 oil shale processing plants
- RT oil shales

ANVIL PROJECT

INIS: 1999-03-05; ETDE: 1977-06-21

- UF banon event
- UF billet event
- UF cheshire event
- UF chiberta event
- UF colby event
- UF esrom event
- UF estuary event
- UF fontina event
- UF husky pup event
- UF inlet event
- UF kasseri event
- UF keelson event
- UF leyden event
- UF marsh event
- UF muenster event
- UF pool event
- UF project anvil
- UF strait event
- *BT1 nuclear explosions
- RT contained explosions
- RT underground explosions

ANYONS

1992-03-18

- BT1 quasi particles
- NT1 abelian anyons
- RT plektons
- RT quantum field theory
- RT statistical mechanics
- RT superconductivity

AO-PHAI-1 REACTOR

INIS: 1985-03-15; ETDE: 1985-04-09

- UF sriracha reactor
- *BT1 power reactors

AORTA

- *BT1 arteries
- RT heart
- RT mediastinum

apa

INIS: 2000-04-12; ETDE: 1980-03-29

- USE alaska power administration

apache

1996-07-16

Accelerator for Physics And Chemistry of Heavy Elements.

(Until July 1996 this was a valid descriptor.)

- USE isochronous cyclotrons

APARTMENT BUILDINGS

1985-07-22

- *BT1 residential buildings
- RT commercial buildings
- RT households

APATITES

- UF calcium hydroxyapatite
- *BT1 phosphate minerals
- RT kimberlites

APERTURES

- BT1 openings
- RT orifices

APES

- *BT1 primates
- RT monkeys

APFA-3 REACTOR

Accelerator Pulsed Fast Critical Assembly. General Atomic Co., San Diego, California, USA. Shut down in 1973.

- UF accelerator pulsed fast assembly
- *BT1 zero power reactors

APHIDS

- *BT1 hemiptera

API GRAVITY

INIS: 1993-09-01; ETDE: 1976-03-11

Scale adopted by American Petroleum Institute to express the specific gravity of oils.

- *BT1 density

apis mellifera

INIS: 2000-04-12; ETDE: 1981-04-17

- USE bees

aplastic anemia

- USE anemias

APLITES

- UF alaskites
- *BT1 granites
- RT feldspars
- RT quartz

APOLIPOPROTEINS

INIS: 1992-09-18; ETDE: 1978-08-07

- *BT1 lipoproteins
- RT coenzymes

APOLLO PROJECT

- UF project apollo
- RT lunar materials
- RT moon
- RT space flight

APOPTOSIS

INIS: 1999-04-19; ETDE: 1999-05-03

- RT cell differentiation
- RT cell killing

RT ontogenesis

appalachia

2000-04-12

The mountainous region, including valleys and plateaus extending through the eastern USA from New England to Georgia and Alabama.

(Prior to August 1992 this was a valid descriptor.)

USE appalachian mountains

APPALACHIAN BASIN

INIS: 1992-08-18; ETDE: 1989-09-08

*BT1 sedimentary basins

NT1 chattanooga formation

APPALACHIAN MOUNTAINS

UF appalachia

BT1 mountains

NT1 adirondack mountains

RT canada

RT usa

appalachian orogeny

INIS: 2000-04-12; ETDE: 1977-10-20

SEE permian period

apparatus

1982-12-06

USE equipment

APPARENT MOLAL VOLUME

INIS: 2000-04-12; ETDE: 1975-09-11

Apparent molal volume is equal to the total volume of the solution minus the volume of the solvent divided by the number of moles of the solute.

RT thermodynamic properties

APPEALS

INIS: 1995-04-10; ETDE: 1979-12-10

BT1 administrative procedures

appendix (vermiform)

USE large intestine

USE lymphatic system

APPENNINES

INIS: 1976-10-07; ETDE: 1976-11-01

*BT1 italy

BT1 mountains

APPLE COMPUTERS

INIS: 1992-08-18; ETDE: 1981-12-21

BT1 computers

APPLES

*BT1 fruits

RT codling moth

RT fruit trees

RT rosaceae

APPLIANCES

1993-01-22

BT1 equipment

NT1 coal burning appliances

NT1 electric appliances

NT2 clothes dryers

NT2 clothes washers

NT2 dishwashers

NT2 microwave ovens

NT1 freezers

NT1 gas appliances

NT1 ovens

NT2 microwave ovens

NT1 space heaters

NT2 convectors

NT1 stoves

NT1 water coolers

NT1 water heaters

NT2 solar water heaters

NT3 passive solar water heaters

NT4 thermic diode solar panels

NT1 wood burning appliances

NT2 wood burning furnaces

RT air conditioners

applications

USE uses

applicators (radiotherapy)

USE radiation sources

appraisal

INIS: 2000-04-12; ETDE: 1980-05-06

(Prior to August 1992 this was a valid ETDE descriptor.)

USE cost estimation

APPROPRIATE TECHNOLOGY

INIS: 1999-06-23; ETDE: 1993-08-31

A technology anywhere between the simplest and the most sophisticated that is appropriate for accomplishing a particular task.

UF intermediate technology

RT best available technology

RT renewable energy sources

RT technology assessment

RT technology impacts

RT technology utilization

approximation (bohr)

INIS: 1976-03-17; ETDE: 1976-05-17

USE nilsson-mottelson model

approximation (distorted-wave)

ETDE: 2002-06-07

USE dwba

approximation (fixed scattering centres)

ETDE: 2002-06-07

USE fsc approximation

APPROXIMATIONS

INIS: 2006-02-06; ETDE: 2006-01-31

Use of a more specific term from this word block is recommended.

BT1 calculation methods

NT1 adiabatic approximation

NT1 born approximation

NT2 coupled channel born approximation

NT2 dwba

NT1 born-oppenheimer approximation

NT1 brinkman-kramers approximation

NT1 broken-pair approximation

NT1 diabatic approximation

NT1 dirac approximation

NT1 eikonal approximation

NT1 equivalent-photon approximation

NT1 fsc approximation

NT1 guiding-center approximation

NT1 hartree-fock method

NT1 impulse approximation

NT1 ladder approximation

NT1 pade approximation

NT1 random phase approximation

NT1 rosseland approximation

NT1 semiclassical approximation

NT1 spherical harmonics method

NT2 p1-approximation

NT2 p2-approximation

NT2 p3-approximation

NT1 straight-line path approximation

NT1 sudden approximation

NT1 tomonaga approximation

NT1 unitary pole approximation

NT1 wkb approximation

NT1 zero-range approximation

apra reactor

USE aprf reactor

APRF REACTOR

Aberdeen Proving Ground, Aberdeen, Maryland, USA.

UF aberdeen maryland reactor

UF apra reactor

UF army pulsed reactor assembly

*BT1 fast reactors

*BT1 pulsed reactors

*BT1 research reactors

APRICOTS

1993-07-12

*BT1 fruits

RT fruit trees

RT rosaceae

APS REACTOR

Obninsk, Kaluga, Russian Federation.

Permanent shutdown since 2002.

UF am-1 reactor

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 lwgr type reactors

*BT1 power reactors

*BT1 thermal reactors

aps storage ring

INIS: 1992-08-17; ETDE: 1992-06-11

USE advanced photon source

APSARA REACTOR

Bhabha Atomic Research Center, Trombay, Maharashtra, India.

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 training reactors

AQUA REGIA

RT hydrochloric acid

RT nitric acid

aquaclus process

INIS: 2000-04-12; ETDE: 1977-12-22

Sulfur dioxide is removed from Claus plant tail gas or other gaseous waste using phosphate base adsorbent solution.
(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

AQUACULTURE

INIS: 1991-09-18; ETDE: 1975-11-11

Cultivation of natural faunal and/or floral resources of water.

UF aquiculture

UF mariculture

RT fisheries

RT fishes

RT hydroponic culture

RT waste heat utilization

AQUATIC ECOSYSTEMS

UF brackish water ecosystems

UF estuarine ecosystems

UF fresh water ecosystems

UF marine ecosystems

BT1 ecosystems

NT1 wetlands

NT2 marshes

NT2 swamps

RT amphibians

RT aquatic organisms

RT benthos

RT biochemical oxygen demand

RT cattails

RT chemical oxygen demand
 RT eutrophication
 RT hydrosphere
 RT limnology
 RT otters
 RT rotifera

AQUATIC ORGANISMS

1997-06-17

Unspecified biota characteristic of aquatic ecosystems.

UF azolla
 UF manatees
 NT1 amphibians
 NT2 frogs
 NT2 salamanders
 NT3 triturus
 NT2 toads
 NT1 aufwuchs
 NT1 benthos
 NT2 echinoderms
 NT3 sea urchins
 NT1 bryozoa
 NT1 cetaceans
 NT1 crustaceans
 NT2 branchiopods
 NT3 artemia
 NT3 daphnia
 NT2 copepods
 NT2 decapods
 NT3 crabs
 NT3 lobsters
 NT3 prawns
 NT3 shrimp
 NT1 fishes
 NT2 anadromous fishes
 NT3 salmon
 NT3 striped bass
 NT2 codfish
 NT2 eel
 NT2 fathead minnow
 NT2 goldfish
 NT2 plaice
 NT2 trout
 NT2 tuna
 NT1 molluscs
 NT2 clams
 NT2 mussels
 NT2 oysters
 NT2 snails
 NT1 pinnipeds
 NT1 plankton
 NT2 ichthyoplankton
 NT2 phytoplankton
 NT2 zooplankton
 NT1 rotifera
 NT1 seaweeds
 NT2 fucus
 NT2 laminaria
 NT1 water hyacinths
 RT algae
 RT animals
 RT aquatic ecosystems
 RT ephemeroptera
 RT otters
 RT plants

aqueous carbonate process

INIS: 2000-04-12; ETDE: 1977-06-24

USE desulfurization

AQUEOUS HOMOGENEOUS REACTORS

*BT1 liquid homogeneous reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors
 NT1 ai-l-77 reactor
 NT1 argus reactor
 NT1 ber-2 reactor
 NT1 byu l-77 reactor

NT1 cesnef reactor
 NT1 dr-1 reactor
 NT1 frf reactor
 NT1 gidra reactor
 NT1 hre-2 reactor
 NT1 jrr-1 reactor
 NT1 kewb reactor
 NT1 kstr reactor
 NT1 ncscr-1 reactor
 NT1 nevada university reactor
 NT1 prnc-l-77 reactor
 NT1 supo reactor
 NT1 wrrr reactor

aqueous humor

USE body fluids
 USE eyes

AQUEOUS SOLUTIONS

UF water solutions
 *BT1 solutions
 RT water

AQUICLUDES

1992-06-05

Bodies of relatively impermeable rock that are capable of absorbing water slowly but function as upper or lower boundaries of aquifers and do not transmit ground water rapidly enough to supply a well or spring.

RT ground water
 RT rocks
 RT water reservoirs

aquiculture

INIS: 1991-09-18; ETDE: 1975-11-11

USE aquaculture

AQUIFERS

A stratum of permeable rock, sand, or gravel that will yield a significant quantity of water.

UF ground-water reserves
 NT1 saline aquifers
 RT artesian basins
 RT ground water
 RT hydrology
 RT reservoir pressure
 RT rocks
 RT sand
 RT underground
 RT water influx
 RT water tables

AQUILON REACTOR

decommissioned since 1986.

*BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 natural uranium reactors
 *BT1 tank type reactors
 *BT1 thermal reactors
 *BT1 zero power reactors

ARAB ATOMIC ENERGY AGENCY

INIS: 1992-03-24; ETDE: 1992-04-09

BT1 international organizations

ARAB COUNTRIES

INIS: 1997-01-06; ETDE: 1992-08-05

NT1 algeria
 NT1 bahrain
 NT1 djibouti
 NT1 egyptian arab republic
 NT1 iraq
 NT1 jordan
 NT1 kuwait
 NT1 lebanon
 NT1 libyan arab jamahiriya
 NT1 mauritania
 NT1 morocco
 NT1 oman
 NT1 qatar

NT1 saudi arabia
 NT1 somalia
 NT1 sudan
 NT1 syria
 NT1 tunisia
 NT1 united arab emirates
 NT1 yemen
 RT africa
 RT asia
 RT middle east

arab republic of egypt

USE egyptian arab republic

ARABIAN SEA

*BT1 indian ocean
 NT1 persian gulf
 NT2 strait of hormuz

ARABIDOPSIS

*BT1 magnoliopsida

ARABINOSE

*BT1 aldehydes
 *BT1 pentoses
 RT gum acacia

arachidic acid

USE eicosanoic acid

ARACHIDONIC ACID

*BT1 monocarboxylic acids

ARACHNIDS

*BT1 arthropods
 NT1 mites
 NT1 scorpions
 NT1 spiders
 NT1 ticks

ARAGONITE

A white, yellowish, or gray orthorhombic mineral.

*BT1 carbonate minerals
 RT calcium carbonates

ARAL SEA

INIS: 1998-12-30; ETDE: 1999-01-28

*BT1 lakes
 *BT1 seas
 RT kazakhstan
 RT uzbekistan

ARALDITE

*BT1 epoxides
 *BT1 organic polymers
 RT homalite
 RT resins

aralex process

INIS: 2000-04-12; ETDE: 1979-11-07

2-ethyl-1-hexanol is used to extract tbp degradation products from acidified sodium carbonate scrub waste leaving actinides in the aqueous phase.

(Prior to April 1994, this was a valid ETDE descriptor.)

USE radioactive waste processing

ARAMIDS

INIS: 1996-08-05; ETDE: 1978-07-06

(Until July 1996 this concept was indexed to POLYAMIDES.)

UF kevlar
 *BT1 plastics
 RT fibers

arbeitsgemeinschaft versuchsreaktor

INIS: 1993-11-03; ETDE: 2002-06-07

USE avr reactor

ARBI REACTOR

Bilbao, Vizcaya, Spain.

UF *argonaut bilbao reactor*

UF *bilbao argonaut reactor*

*BT1 *argonaut type reactors*

*BT1 *research reactors*

*BT1 *thermal reactors*

*BT1 *training reactors*

ARBITRATION

INIS: 1976-12-08; ETDE: 1977-06-24

(From March 1981 till March 1997

MEDIATION was a valid ETDE descriptor.)

SF *mediation*

RT *dispute settlements*

RT *hearings*

RT *lawsuits*

ARBOR PROJECT

2000-04-12

*BT1 *nuclear explosions*

*BT1 *underground explosions*

RT *nevada test site*

ARBUS REACTOR

UF *ast-1 reactor*

UF *melekess-arbus reactor*

*BT1 *enriched uranium reactors*

*BT1 *experimental reactors*

*BT1 *omr type reactors*

*BT1 *power reactors*

*BT1 *test reactors*

*BT1 *thermal reactors*

ARC COAL PROCESS

2000-04-12

Avco Corp. process for production of acetylene and recovery of carbon black, hcn, char, low-btu fuel gas, and sulfur.

*BT1 *coal gasification*

ARC-DISCHARGE ION SOURCES

2018-02-26

*BT1 *plasma ion sources*

NT1 *vacuum-arc ion sources*

NT2 *mevva ion sources*

ARC FURNACES

*BT1 *electric furnaces*

RT *plasma furnaces*

RT *vacuum furnaces*

ARC WELDING

UF *flux cored arc welding*

*BT1 *welding*

NT1 *gas metal-arc welding*

NT2 *gas tungsten-arc welding*

NT1 *plasma arc welding*

NT1 *shielded metal-arc welding*

NT1 *submerged arc welding*

RT *electroslag welding*

RT *sputtering*

ARCHAEOLOGICAL SITES

INIS: 1985-12-10; ETDE: 1978-07-06

RT *archaeological specimens*

RT *archaeology*

RT *cultural objects*

RT *site selection*

ARCHAEOLOGICAL SPECIMENS

RT *archaeological sites*

RT *archaeology*

RT *cultural objects*

RT *cultural resources*

RT *fossils*

ARCHAEOLOGY

RT *age estimation*

RT *archaeological sites*

RT *archaeological specimens*

RT *historical aspects*

ARCHITECTS

INIS: 1992-08-06; ETDE: 1980-01-15

SF *professional personnel*

BT1 *personnel*

RT *architecture*

RT *builders*

RT *buildings*

RT *construction industry*

RT *solar architecture*

ARCHITECTURE

1992-03-10

NT1 *solar architecture*

NT1 *vernacular architecture*

RT *aesthetics*

RT *architects*

RT *buildings*

RT *cultural resources*

RT *thermal comfort*

arco process

2000-03-24

(Prior to February 1995, this was a valid ETDE descriptor.)

SEE *reprocessing*

SEE *solvent extraction*

ARCTIC GAS PIPELINES

INIS: 2000-04-12; ETDE: 1976-07-07

BT1 *pipelines*

RT *natural gas*

RT *transport*

arctic haze

INIS: 2000-04-12; ETDE: 1987-04-08

Abundance of tropospheric carbonaceous aerosols north of 60 deg n, present during winter and spring, but almost absent during summer. Use AEROSOLS, AIR POLLUTION, or other pertinent term and the descriptor below.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE *arctic regions*

ARCTIC OCEAN

1977-09-06

*BT1 *seas*

NT1 *beaufort sea*

NT2 *prudhoe bay*

NT1 *chukchi sea*

RT *arctic regions*

RT *greenland*

ARCTIC REGIONS

1995-11-22

(From April 1987 till February 1997 ARCTIC HAZE was a valid ETDE descriptor.)

UF *arctic haze*

*BT1 *polar regions*

RT *antarctic regions*

RT *arctic ocean*

RT *auroral zones*

RT *chukchi sea*

RT *climates*

RT *eskimos*

RT *glaciers*

RT *greenland*

RT *ice*

RT *ice caps*

RT *natural gas hydrate deposits*

RT *novaya zemlya*

RT *permafrost*

RT *polar-cap aurorae*

RT *sami people*

RT *snow*

RT *tundra*

ardennes b-1 reactor

INIS: 1984-07-23; ETDE: 1984-09-05

(Electricite de France, Chooz, France. Prior to August 2010 this was a valid descriptor.)

USE *chooz-b1 reactor*

ardennes b-2 reactor

2004-05-11

(Electricite de France, Chooz, France. Prior to August 2010 this was a valid descriptor.)

USE *chooz-b2 reactor*

ardennes reactor

(Chooz, Ardennes, France. Prior to August 2010 this was a valid descriptor.)

USE *chooz-a reactor*

are-rr-1 reactor

2000-04-12

USE *wwr-s-cairo reactor*

area pollution sources

INIS: 1992-03-09; ETDE: 1980-01-15

USE *pollution sources*

arenas

2017-04-21

USE *aromatics*

AREVA NC

2010-03-31

Areva Nuclear fuel Cycle

(Known as Cogema before name change in 2006, and older material is indexed to COGEMA.)

UF *cogema*

SF *compagnie generale des matieres nucleaires*

*BT1 *french organizations*

NT1 *areva nc la hague*

NT1 *areva nc malvesi*

NT1 *areva nc marcoule*

NT1 *areva nc miramas*

NT1 *areva nc pierrelatte*

RT *cea*

AREVA NC LA HAGUE

2010-03-31

(Prior to name change in 2006 this facility was known as COGEMA LA HAGUE, and older material is so indexed.)

UF *cogema la hague*

*BT1 *areva nc*

*BT1 *fuel reprocessing plants*

AREVA NC MALVESI

2010-03-31

*BT1 *areva nc*

*BT1 *feed materials plants*

AREVA NC MARCOULE

2010-03-31

(Prior to name change in 2006 this facility was known as COGEMA MARCOULE, and older material is so indexed.)

UF *cogema marcoule*

*BT1 *areva nc*

AREVA NC MIRAMAS

2010-03-31

*BT1 *areva nc*

*BT1 *isotope separation plants*

AREVA NC PIERRELATTE

2010-03-31

(Prior to name change in 2006 this facility was known as COGEMA PIERRELATTE, and older material is so indexed.)

UF *cogema pierrelatte*

- *BT1 areva nc
- *BT1 isotope separation plants

ARGAND DIAGRAMS

1999-09-16

The real part of a scattering amplitude plotted versus the imaginary one.

- *BT1 scatterplots
- RT phase shift
- RT scattering amplitudes

ARGENTINA

- BT1 developing countries
- *BT1 south america
- NT1 mendoza
- RT andes

**argentina-brasil agencia contabil
controlre mater nuclear**

INIS: 1999-06-22; ETDE: 2002-06-07

USE abacc

ARGENTINE ARN

2000-07-11

Argentine Autoridad Regulatoria Nuclear.

- *BT1 argentine organizations

ARGENTINE CNEA

INIS: 1993-10-01; ETDE: 1993-11-08

Comision Nacional de Energia Atomica de la Republica Argentina.

UF cnea (argentina)

- *BT1 argentine organizations

ARGENTINE INVAP

2003-03-18

Argentine Investigacion Aplicada SE

(INVAP), San Carlos de Bariloche, Argentina.

UF argentine invap sociedad del estado

UF invap (argentina)

- *BT1 argentine organizations

argentine invap sociedad del estado

2003-03-18

USE argentine invap

ARGENTINE NASA

2009-03-30

Argentine Nucleoelectrica Argentina SA (NASA), Buenos Aires, Argentina

UF nasa (argentina)

UF nucleoelectrica argentina sa

- *BT1 argentine organizations

ARGENTINE ORGANIZATIONS

INIS: 1986-07-09; ETDE: 1986-12-18

BT1 national organizations

NT1 argentine arn

NT1 argentine cnea

NT1 argentine invap

NT1 argentine nasa

argentine reactor ra-0

USE ra-0 reactor

argentine reactor ra-1

USE ra-1 reactor

argentine reactor ra-2

USE ra-2 reactor

argentine reactor ra-3

USE ra-3 reactor

argentine reactor ra-4

INIS: 2002-08-13; ETDE: 2002-06-16

USE ra-4 reactor

argentine reactor ra-5

INIS: 1984-06-21; ETDE: 2002-06-07

USE ra-5 reactor

argentine reactor ra-6

2001-03-01

USE ra-6 reactor

argentine reactor ra-8

2002-11-20

USE ra-8 reactor

ARGILLITE

INIS: 1984-04-04; ETDE: 1979-07-18

- *BT1 shales

ARGINASE

1999-01-28

Code numbers 3.5.3.1 and 3.5.3.10.

*BT1 amidases

RT arginine

ARGININE

UF guanidylaminovaleric acid

*BT1 amino acids

RT arginase

ARGON

- *BT1 rare gases

ARGON 30

2007-01-17

*BT1 argon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 nanoseconds living radioisotopes

*BT1 proton decay radioisotopes

ARGON 31

INIS: 1986-08-19; ETDE: 1986-09-05

*BT1 argon isotopes

*BT1 beta-plus decay radioisotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

ARGON 32

*BT1 argon isotopes

*BT1 beta-plus decay radioisotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

ARGON 33

*BT1 argon isotopes

*BT1 beta-plus decay radioisotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

ARGON 34

*BT1 argon isotopes

*BT1 beta-plus decay radioisotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

ARGON 35

*BT1 argon isotopes

*BT1 beta-plus decay radioisotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 seconds living radioisotopes

ARGON 36

*BT1 argon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 stable isotopes

ARGON 36 REACTIONS

INIS: 1980-07-24; ETDE: 1980-08-12

- *BT1 heavy ion reactions

ARGON 36 TARGET

ETDE: 1976-07-09

BT1 targets

ARGON 37

- *BT1 argon isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei

ARGON 37 TARGET

INIS: 1979-02-21; ETDE: 1979-03-28

BT1 targets

ARGON 38

- *BT1 argon isotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 stable isotopes
- RT argon 38 beams

ARGON 38 BEAMS

INIS: 1986-12-09; ETDE: 1987-02-24

*BT1 radioactive ion beams

RT argon 38

ARGON 38 TARGET

ETDE: 1976-07-09

BT1 targets

ARGON 39

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 years living radioisotopes

ARGON 39 BEAMS

INIS: 1986-12-09; ETDE: 1987-02-24

*BT1 radioactive ion beams

ARGON 40

- *BT1 argon isotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 stable isotopes
- RT argon 40 beams

ARGON 40 BEAMS

*BT1 radioactive ion beams

RT argon 40

ARGON 40 REACTIONS

- *BT1 heavy ion reactions

ARGON 40 TARGET

ETDE: 1976-07-09

BT1 targets

ARGON 41

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei

ARGON 42

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 years living radioisotopes

ARGON 43

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes

ARGON 44

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes

ARGON 45

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

ARGON 46

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

ARGON 47

INIS: 1986-08-19; ETDE: 1986-09-05

- *BT1 argon isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

ARGON 48

2007-01-17

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

ARGON 49

INIS: 1989-09-14; ETDE: 1989-10-16

- *BT1 argon isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

ARGON 50

INIS: 1989-09-14; ETDE: 1989-10-16

- *BT1 argon isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei

ARGON 51

INIS: 1989-09-14; ETDE: 1989-10-16

- *BT1 argon isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

ARGON 52

2007-01-17

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

ARGON 53

2007-01-17

- *BT1 argon isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

ARGON CHLORIDES

- *BT1 argon halides
- *BT1 chlorides

ARGON COMPLEXES

- BT1 complexes

ARGON COMPOUNDS

1996-01-24

- BT1 rare gas compounds
- NT1 argon halides
- NT2 argon chlorides
- NT2 argon fluorides
- NT2 argon iodides
- NT1 argon hydrides
- NT1 argon nitrides
- NT1 argon oxides

ARGON FLUORIDES

- *BT1 argon halides
- *BT1 fluorides

ARGON HALIDES

2012-07-19

- *BT1 argon compounds
- *BT1 halides
- NT1 argon chlorides
- NT1 argon fluorides
- NT1 argon iodides

ARGON HYDRIDES

- *BT1 argon compounds
- *BT1 hydrides

ARGON IODIDES

- *BT1 argon halides
- *BT1 iodides

ARGON IONS

- *BT1 ions

ARGON ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 argon 30
- NT1 argon 31
- NT1 argon 32
- NT1 argon 33
- NT1 argon 34
- NT1 argon 35
- NT1 argon 36
- NT1 argon 37
- NT1 argon 38
- NT1 argon 39
- NT1 argon 40
- NT1 argon 41
- NT1 argon 42
- NT1 argon 43
- NT1 argon 44
- NT1 argon 45
- NT1 argon 46
- NT1 argon 47
- NT1 argon 48
- NT1 argon 49
- NT1 argon 50
- NT1 argon 51
- NT1 argon 52
- NT1 argon 53

argon method

- USE isotope dating

ARGON NITRIDES

- *BT1 argon compounds
- *BT1 nitrides

ARGON OXIDES

INIS: 1981-11-25; ETDE: 1981-06-13

- *BT1 argon compounds
- *BT1 oxides

argonaut barcelona reactor

- USE argos reactor

argonaut bilbao reactor

- USE arbi reactor

argonaut eindhoven reactor

2000-04-12

- USE athene reactor

argonaut lemont reactor

- USE argonaut reactor

ARGONAUT REACTOR

ANL, Argonne, Illinois, USA. Shut down in 1979.

- UF argonaut lemont reactor
- UF cp-11 reactor
- *BT1 argonaut type reactors
- *BT1 research reactors
- *BT1 thermal reactors
- *BT1 training reactors

ARGONAUT TYPE REACTORS

- *BT1 enriched uranium reactors
- *BT1 research and test reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors
- NT1 aeg-pr-10 reactor
- NT1 arbi reactor
- NT1 argonaut reactor
- NT1 argos reactor
- NT1 athene reactor
- NT1 jason reactor
- NT1 lfr reactor
- NT1 moata reactor
- NT1 nestor reactor
- NT1 queen mary college utr-b reactor
- NT1 ra-1 reactor
- NT1 rb-2 reactor
- NT1 rien-1 reactor
- NT1 src-utr-100 reactor
- NT1 stark reactor
- NT1 strasbourg-cronenbourg reactor
- NT1 ufr reactor
- NT1 ulyse reactor
- NT1 urr reactor
- NT1 utr-10-kinki reactor
- NT1 vpi-utr-10 reactor

argonauta rien-1 reactor

- USE rien-1 reactor

argonauta rio reactor

- USE rien-1 reactor

argonne advanced research reactor

2000-04-12

- USE cp-6 reactor

argonne fast source reactor

- USE afsr reactor

argonne heavy water modified reactor

2000-04-12

- USE cp-3m reactor

argonne heavy water reactor

- USE cp-3 reactor

argonne high flux reactor

2000-04-12

- USE cp-6 reactor

argonne national laboratory

- USE anl

argonne research reactor

- USE cp-5 reactor

argonne superconducting linac

INIS: 1985-11-18; ETDE: 1985-04-24

- USE atlas superconducting linac

argonne tandem/linear accelerator

INIS: 1993-11-03; ETDE: 2002-06-07

- USE atlas superconducting linac

argonne tank research and test reactor-aarr

2000-04-12

- USE aarr reactor

argonne thermal source reactor

2000-04-12

- USE atrs reactor

argonne zgs

- USE zgs

argonox process

INIS: 2000-04-12; ETDE: 1989-05-31
(Prior to September 1994, this was a valid ETDE descriptor.)
USE combined soxnox processes

ARGOS REACTOR

Barcelona, Spain. Decommissioned since 2003.

UF argonaut barcelona reactor
UF barcelona argonaut reactor
*BT1 argonaut type reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 training reactors

argus event

1994-10-13
(Prior to September 1994, this was a valid ETDE descriptor.)
USE atmospheric explosions
USE nuclear explosions

ARGUS REACTOR

2004-09-09
Russian Research Center, Kurchatov Institute, Moscow, Russian Federation.
*BT1 aqueous homogeneous reactors
*BT1 enriched uranium reactors
*BT1 research reactors
*BT1 thermal reactors

ARID LANDS

INIS: 1992-01-09; ETDE: 1977-03-04
NT1 deserts
RT buffalo gourd
RT droughts
RT jojoba
RT land use
RT savannas
RT terrestrial ecosystems

ARIEL SATELLITES

BT1 satellites

ARIZONA

*BT1 usa
RT great basin

ARKANSAS

*BT1 usa
RT chattanooga formation
RT mississippi river
RT white river basin

ARKANSAS-1 REACTOR

Entergy Operations, Inc., Russellville, Arkansas, USA.
UF ano-1 reactor
UF arkansas power-light-1 reactor
UF russellville-1 arkansas reactor
*BT1 pwr type reactors

ARKANSAS-2 REACTOR

Entergy Operations, Inc., Russellville, Arkansas, USA.
UF ano-2 reactor
UF arkansas power-light-2 reactor
UF russellville-2 arkansas reactor
*BT1 pwr type reactors

arkansas power-light-1 reactor

USE arkansas-1 reactor

arkansas power-light-2 reactor

USE arkansas-2 reactor

ARKANSAS RIVER

INIS: 2000-04-12; ETDE: 1977-09-19
*BT1 rivers

arktika (nuclear ship)

INIS: 1984-08-27; ETDE: 1994-08-10
USE ns leonid brezhnev

arktika reactor

INIS: 1984-08-27; ETDE: 1994-09-12
(Prior to the name change in November 1982 this was a valid descriptor, and older material is so indexed.)
USE leonid brezhnev reactor

ARMATURES

INIS: 1984-04-04; ETDE: 1976-09-14
*BT1 electrical equipment
RT electric generators
RT electric motors
RT rotors
RT stators

ARMENIA

INIS: 1997-08-20; ETDE: 1993-04-08
(Until January 1993, this was indexed by USSR.)
SF soviet union
SF union of soviet socialist republics
SF ussr
BT1 asia
RT caucasus

ARMENIAN-1 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
Metsamor, Armenia. Permanent shutdown since 1989.
UF oktemberian-1 reactor
*BT1 wwer type reactors

ARMENIAN-2 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
UF oktemberian-2 reactor
*BT1 wwer type reactors

ARMENIAN ORGANIZATIONS

1999-07-12
BT1 national organizations

ARMF-1 REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1977.
UF advanced reactivity measurement facility-1
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors

ARMOR

INIS: 1999-02-23; ETDE: 1976-09-28
RT guns
RT projectiles

ARMS

INIS: 1976-02-11; ETDE: 1976-04-19
*BT1 limbs
NT1 hands
NT2 fingers

ARMS CONTROL

INIS: 1998-06-10; ETDE: 1985-08-09
SF disarmament
RT bangkok treaty
RT ctbt
RT ctbto
RT fmct
RT non-proliferation policy
RT non-proliferation treaty
RT nuclear disarmament
RT nuclear freeze
RT nuclear weapons dismantlement
RT pelindaba treaty
RT rarotonga treaty
RT salt talks
RT tlatelolco treaty

RT unidir
RT us acda
RT verification
RT weapons

army personnel

USE military personnel

army pulsed reactor assembly

USE aprf reactor

aromatic acids

USE carboxylic acids

aromatic compounds

USE aromatics

aromatic hydrocarbons

ETDE: 2002-06-07
USE aromatics

AROMATICS

1996-10-23

UF arenes
UF aromatic compounds
UF aromatic hydrocarbons
UF aryl hydrocarbons
UF ndpp
SF syntans
*BT1 hydrocarbons
NT1 acetophenone
NT1 alkylated aromatics
NT2 cumene
NT2 cymene
NT2 durene
NT2 mesitylene
NT2 methyl-naphthalenes
NT2 styrene
NT2 toluene
NT2 xylenes
NT3 xylene-para
NT1 aniline
NT1 azaarenes
NT2 acridines
NT3 acridine orange
NT3 flavines
NT4 acriflavine
NT4 proflavine
NT2 carbazoles
NT2 indoles
NT3 indigo
NT3 indocyanine green
NT3 lysergic acid
NT3 reserpine
NT3 strychnine
NT3 tryptamines
NT4 melatonin
NT4 serotonin
NT5 bufotenine
NT3 tryptophan
NT3 vinblastine
NT2 phenanthrolines
NT3 feroin
NT3 phenanthroline-ortho
NT2 pteridines
NT3 aminopterin
NT3 folic acid
NT2 purines
NT3 adenines
NT4 kinetin
NT3 guanine
NT3 guanosine
NT3 hypoxanthine
NT3 inosine
NT3 mercaptopurine
NT3 xanthines
NT4 caffeine
NT4 theobromine
NT4 theophylline
NT4 uric acid

NT2 quinolines
 NT3 ferron
 NT3 oxine
 NT3 quinaldine
 NT1 benzene
 NT1 benzidine
 NT1 benzyl alcohol
 NT1 bibenzyl
 NT1 biphenyl
 NT1 ddt
 NT1 divinylbenzene
 NT1 halogenated aromatic hydrocarbons
 NT2 brominated aromatic hydrocarbons
 NT2 chlorinated aromatic hydrocarbons
 NT3 aldrin
 NT3 polychlorinated biphenyls
 NT2 fluorinated aromatic hydrocarbons
 NT2 iodinated aromatic hydrocarbons
 NT1 indan
 NT1 methyl tyrosine
 NT1 oligophenylenes
 NT1 pethidine
 NT1 phenols
 NT2 cresols
 NT2 dinitrophenol
 NT2 eriochrome dyes
 NT2 hydroxypropiophenone
 NT2 naphthols
 NT3 1-nitroso-2-naphthol
 NT3 nitroso-r salt
 NT3 pyridylazonaphthol
 NT3 thorin
 NT3 trypan blue
 NT2 nitrophenol
 NT2 phenol
 NT2 phenolphthalein
 NT2 picric acid
 NT2 polyphenols
 NT3 arsenazo
 NT3 bromosulphophthalein
 NT3 catecholamines
 NT3 curcumin
 NT3 dopamine
 NT3 fluorescein
 NT4 erythrosine
 NT3 hematoxylin
 NT3 morin
 NT3 pyridylazoresorcinol
 NT3 pyrocatechol
 NT3 pyrogallol
 NT3 quercetin
 NT3 resorcinol
 NT3 stilbestrol
 NT3 tannic acid
 NT3 tiron
 NT2 thymol
 NT2 tyramine
 NT2 xylenols
 NT1 phenylalanine
 NT1 polycyclic aromatic hydrocarbons
 NT2 3-methylcholanthrene
 NT2 acenaphthene
 NT2 anthracene
 NT2 azulene
 NT2 benzantracene
 NT2 benzopyrene
 NT2 calixarenes
 NT2 cholanthrene
 NT2 chrysene
 NT2 dimethylbenzantracene
 NT2 fluorene
 NT2 indene
 NT2 indocyanine green
 NT2 methylnaphthalenes
 NT2 naphthalene
 NT2 pentacene
 NT2 perylene
 NT2 phenanthrene
 NT2 polyphenyls

NT3 terphenyls
 NT4 terphenyl-ortho
 NT4 terphenyl-para
 NT2 pyrene
 NT2 quaterphenyls
 NT2 tetracene
 NT2 triphenylene
 NT1 quinones
 NT2 anthraquinones
 NT3 alizarin
 NT3 carminic acid
 NT3 quinizarin
 NT2 benzoquinones
 NT3 chloranil
 NT3 chloranilic acid
 NT3 plastoquinone
 NT3 ubiquinone
 NT2 rhodizonic acid
 NT2 vitamin k
 NT1 stilbene
 NT1 tetralin
 NT1 tolan
 NT1 triphenylmethane dyes
 NT2 methyl violet
 NT2 methylthymol blue
 RT aromatization
 RT cyanine dyes
 RT hydroaromatics
 RT oleoresins
 RT organic coolants
 RT organic moderators
 RT solvesso
 RT squarylium dyes

AROMATIZATION

1986-05-26

Conversion of any nonaromatic hydrocarbon structure to aromatic hydrocarbon.

BT1 chemical reactions
 RT aromatics

ARPANSA

2015-04-07

UF *australian radiation protection and nuclear safety agency*

*BT1 *australian organizations*

ARRAY PROCESSORS

INIS: 1997-06-17; ETDE: 1979-08-08

Multiprocessors composed of sets of identical CPUs, each set acting synchronously under the control of a common unit.

UF *multiprocessors*
 *BT1 digital computers
 RT cedar computers
 RT computer architecture
 RT data processing
 RT digital filters
 RT hypercube computers
 RT microprocessors
 RT task scheduling

ARRHENIUS EQUATION

BT1 equations
 RT activation energy
 RT chemical reaction kinetics
 RT partition
 RT reaction kinetics

arsanilic acid

1996-07-16

(Until July 1996 this was a valid descriptor.)

USE amines
 USE arsonic acids

ARSENATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 *arsenic compounds*

BT1 *oxygen compounds*
 RT *arsenic oxides*

ARSENAZO

*BT1 *arsonic acids*
 *BT1 *azo compounds*
 *BT1 *polyphenols*
 BT1 *reagents*
 *BT1 *sulfonic acids*

ARSENIC

*BT1 *semimetals*

ARSENIC 60

2007-04-19

*BT1 *arsenic isotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *odd-odd nuclei*

ARSENIC 61

2007-04-19

*BT1 *arsenic isotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *odd-even nuclei*

ARSENIC 62

2007-04-19

*BT1 *arsenic isotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *odd-odd nuclei*
 *BT1 *proton decay radioisotopes*

ARSENIC 63

2007-04-19

*BT1 *arsenic isotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *odd-even nuclei*
 *BT1 *proton decay radioisotopes*

ARSENIC 64

INIS: 2003-01-03; ETDE: 2002-12-26

*BT1 *arsenic isotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *milliseconds living radioisotopes*
 *BT1 *odd-odd nuclei*
 *BT1 *proton decay radioisotopes*

ARSENIC 65

INIS: 1990-12-05; ETDE: 1991-01-14

*BT1 *arsenic isotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *odd-even nuclei*

ARSENIC 66

INIS: 1979-09-18; ETDE: 1979-03-29

*BT1 *arsenic isotopes*
 *BT1 *beta-plus decay radioisotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *milliseconds living radioisotopes*
 *BT1 *odd-odd nuclei*

ARSENIC 67

INIS: 1978-07-03; ETDE: 1978-04-06

*BT1 *arsenic isotopes*
 *BT1 *beta-plus decay radioisotopes*
 *BT1 *electron capture radioisotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *odd-even nuclei*
 *BT1 *seconds living radioisotopes*

ARSENIC 68

*BT1 *arsenic isotopes*
 *BT1 *beta-plus decay radioisotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *minutes living radioisotopes*
 *BT1 *odd-odd nuclei*

ARSENIC 69

*BT1 *arsenic isotopes*
 *BT1 *beta-plus decay radioisotopes*
 *BT1 *intermediate mass nuclei*
 *BT1 *minutes living radioisotopes*
 *BT1 *odd-even nuclei*

ARSENIC 70

- *BT1 arsenic isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

ARSENIC 71

- *BT1 arsenic isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

ARSENIC 72

- *BT1 arsenic isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

ARSENIC 73

- *BT1 arsenic isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

ARSENIC 74

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

ARSENIC 75

- *BT1 arsenic isotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 stable isotopes

ARSENIC 75 TARGET

ETDE: 1976-07-09
BT1 targets

ARSENIC 76

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

ARSENIC 77

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

ARSENIC 78

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

ARSENIC 79

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

ARSENIC 80

- *BT1 arsenic isotopes

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

ARSENIC 81

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

ARSENIC 82

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

ARSENIC 83

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

ARSENIC 84

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

ARSENIC 85

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

ARSENIC 86

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

ARSENIC 87

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

ARSENIC 88

2007-04-19

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

ARSENIC 89

2007-04-19

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

ARSENIC 90

2007-04-19

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

ARSENIC 91

2007-04-19

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

ARSENIC 92

2007-04-19

- *BT1 arsenic isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

ARSENIC ADDITIONS

- *BT1 arsenic alloys

ARSENIC ALLOYS

Alloys containing more than 1% As.

- BT1 alloys
- NT1 arsenic additions
- RT arsenides

ARSENIC BROMIDES

- *BT1 arsenic halides
- *BT1 bromides

ARSENIC CHLORIDES

- *BT1 arsenic halides
- *BT1 chlorides

ARSENIC COMPLEXES

- BT1 complexes

ARSENIC COMPOUNDS

1996-06-26

- UF arsonium compounds
- UF cacodylic acid
- NT1 arsenates
- NT1 arsenic halides
- NT2 arsenic bromides
- NT2 arsenic chlorides
- NT2 arsenic fluorides
- NT2 arsenic iodides
- NT1 arsenic hydrides
- NT1 arsenic oxides
- NT1 arsenic selenides
- NT1 arsenic sulfides
- NT1 arsenic tellurides
- NT1 arsenides
- NT2 aluminium arsenides
- NT2 americium arsenides
- NT2 berkelium arsenides
- NT2 boron arsenides
- NT2 cadmium arsenides
- NT2 californium arsenides
- NT2 cerium arsenides
- NT2 cobalt arsenides
- NT2 copper arsenides
- NT2 curium arsenides
- NT2 europium arsenides
- NT2 gadolinium arsenides
- NT2 gallium arsenides
- NT2 germanium arsenides
- NT2 hafnium arsenides
- NT2 indium arsenides
- NT2 iron arsenides
- NT2 lithium arsenides
- NT2 magnesium arsenides
- NT2 manganese arsenides
- NT2 molybdenum arsenides
- NT2 neptunium arsenides
- NT2 nickel arsenides
- NT2 niobium arsenides
- NT2 palladium arsenides
- NT2 platinum arsenides
- NT2 plutonium arsenides
- NT2 praseodymium arsenides
- NT2 rhodium arsenides
- NT2 ruthenium arsenides
- NT2 samarium arsenides
- NT2 silicon arsenides
- NT2 silver arsenides
- NT2 tantalum arsenides
- NT2 tellurium arsenides
- NT2 terbium arsenides
- NT2 thorium arsenides
- NT2 thulium arsenides

NT2 tin arsenides
 NT2 titanium arsenides
 NT2 uranium arsenides
 NT2 vanadium arsenides
 NT2 yttrium arsenides
 NT2 zinc arsenides
 NT2 zirconium arsenides
 NT1 thorin
 RT organic arsenic compounds

ARSENIC FLUORIDES

*BT1 arsenic halides
 *BT1 fluorides

ARSENIC HALIDES

2012-07-19

BT1 arsenic compounds
 *BT1 halides
 NT1 arsenic bromides
 NT1 arsenic chlorides
 NT1 arsenic fluorides
 NT1 arsenic iodides

ARSENIC HYDRIDES

BT1 arsenic compounds
 *BT1 hydrides

ARSENIC IODIDES

*BT1 arsenic halides
 *BT1 iodides

ARSENIC IONS

*BT1 ions

ARSENIC ISOTOPES

1999-07-16

BT1 isotopes
 NT1 arsenic 60
 NT1 arsenic 61
 NT1 arsenic 62
 NT1 arsenic 63
 NT1 arsenic 64
 NT1 arsenic 65
 NT1 arsenic 66
 NT1 arsenic 67
 NT1 arsenic 68
 NT1 arsenic 69
 NT1 arsenic 70
 NT1 arsenic 71
 NT1 arsenic 72
 NT1 arsenic 73
 NT1 arsenic 74
 NT1 arsenic 75
 NT1 arsenic 76
 NT1 arsenic 77
 NT1 arsenic 78
 NT1 arsenic 79
 NT1 arsenic 80
 NT1 arsenic 81
 NT1 arsenic 82
 NT1 arsenic 83
 NT1 arsenic 84
 NT1 arsenic 85
 NT1 arsenic 86
 NT1 arsenic 87
 NT1 arsenic 88
 NT1 arsenic 89
 NT1 arsenic 90
 NT1 arsenic 91
 NT1 arsenic 92

ARSENIC OXIDES

1996-07-08

BT1 arsenic compounds
 *BT1 oxides
 RT arsenates
 RT hallimondite
 RT heinrichite
 RT kahlerite
 RT kirchheimerite
 RT novacekite

RT oxide minerals

ARSENIC SELENIDES

INIS: 1978-02-23; ETDE: 1975-08-19

BT1 arsenic compounds
 *BT1 selenides

ARSENIC SULFIDES

BT1 arsenic compounds
 *BT1 sulfides

ARSENIC TELLURIDES

INIS: 1977-03-01; ETDE: 1975-08-19

BT1 arsenic compounds
 *BT1 tellurides

ARSENIDES

1997-06-19

BT1 arsenic compounds
 BT1 pnictides
 NT1 aluminium arsenides
 NT1 americium arsenides
 NT1 berkelium arsenides
 NT1 boron arsenides
 NT1 cadmium arsenides
 NT1 californium arsenides
 NT1 cerium arsenides
 NT1 cobalt arsenides
 NT1 copper arsenides
 NT1 curium arsenides
 NT1 europium arsenides
 NT1 gadolinium arsenides
 NT1 gallium arsenides
 NT1 germanium arsenides
 NT1 hafnium arsenides
 NT1 indium arsenides
 NT1 iron arsenides
 NT1 lithium arsenides
 NT1 magnesium arsenides
 NT1 manganese arsenides
 NT1 molybdenum arsenides
 NT1 neptunium arsenides
 NT1 nickel arsenides
 NT1 niobium arsenides
 NT1 palladium arsenides
 NT1 platinum arsenides
 NT1 plutonium arsenides
 NT1 praseodymium arsenides
 NT1 rhodium arsenides
 NT1 ruthenium arsenides
 NT1 samarium arsenides
 NT1 silicon arsenides
 NT1 silver arsenides
 NT1 tantalum arsenides
 NT1 tellurium arsenides
 NT1 terbium arsenides
 NT1 thorium arsenides
 NT1 thulium arsenides
 NT1 tin arsenides
 NT1 titanium arsenides
 NT1 uranium arsenides
 NT1 vanadium arsenides
 NT1 yttrium arsenides
 NT1 zinc arsenides
 NT1 zirconium arsenides
 RT arsenic alloys
 RT intermetallic compounds

arsi reactor

USE avogadro rs-1 reactor

arsonates

INIS: 1984-04-04; ETDE: 2002-06-07

USE organic arsenic compounds

ARSONIC ACIDS

1996-07-16

UF *arsanilic acid*
 UF *beryllon*
 UF *dsnadns*
 *BT1 organic acids

*BT1 organic arsenic compounds

NT1 arsenazo

arsonium compounds

USE arsenic compounds

art objects

INIS: 1981-12-23; ETDE: 1982-02-09

USE cultural objects

ARTEMIA

UF brine shrimp

*BT1 branchiopods

ARTEMIS DEVICE

INIS: 1998-11-12; ETDE: 1998-12-18

*BT1 reversed-field pinch devices

RT reverse-field pinch

ARTERIES

*BT1 blood vessels

NT1 aorta

NT1 carotid arteries

NT1 cerebral arteries

NT1 coronaries

RT arteriosclerosis

RT blood pressure

ARTERIOSCLEROSIS

UF atherosclerosis

*BT1 vascular diseases

RT arteries

ARTESIAN BASINS

2000-04-12

Terranes, often but not necessarily basin shaped, including an artesian aquifer whose potentiometric surface typically is above the land surface in the topographically lower portion of the terrane.

RT aquifers

RT ground water

arthritis

USE rheumatic diseases

ARTHROPODS

*BT1 invertebrates

NT1 arachnids

NT2 mites

NT2 scorpions

NT2 spiders

NT2 ticks

NT1 crustaceans

NT2 branchiopods

NT3 artemia

NT3 daphnia

NT2 copepods

NT2 decapods

NT3 crabs

NT3 lobsters

NT3 prawns

NT3 shrimp

NT1 insects

NT2 coleoptera

NT3 beetles

NT4 boll weevil

NT4 tribolium

NT2 dictyoptera

NT3 cockroaches

NT2 diptera

NT3 flies

NT4 fruit flies

NT5 anastrepha

NT5 ceratitis capitata

NT5 dacus

NT6 dacus oleae

NT5 drosophila

NT4 glossina

NT4 hylemya antiqua

NT4 screwworm fly

NT3 mosquitoes

NT2 ephemeroptera
 NT2 hemiptera
 NT3 aphids
 NT2 hymenoptera
 NT3 ants
 NT3 bees
 NT3 wasps
 NT2 lepidoptera
 NT3 moths
 NT4 bollworm
 NT4 codling moth
 NT4 lymantria dispar
 NT4 rice stem borers
 NT4 silkworm
 NT2 orthoptera
 NT3 grasshoppers
 NT4 locusts

arthur d little coal liquefaction process

INIS: 2000-04-12; ETDE: 1978-05-01
 USE coal liquefaction

ARTIFICIAL INTELLIGENCE

INIS: 1986-12-09; ETDE: 1984-02-10
A subfield of computer science concerned with the concepts and methods of symbolic inference by a computer and the symbolic representation of the knowledge to be used in making inferences.
 RT computers
 RT expert systems
 RT knowledge base
 RT lisp
 RT neural networks
 RT programming

ARTIFICIAL LIFTS

INIS: 1992-05-28; ETDE: 1977-05-07
Any method of lifting oil out of underground reservoirs, usually by injecting gas or foam into a rock or sand formation to force fluids from wells.
 NT1 gas lifts
 RT oil wells

ARTIFICIAL ORGANS

1995-11-15
 (From June 1977 until March 1996 MECHANICAL KIDNEY was a valid ETDE descriptor.)
 UF mechanical kidney
 NT1 mechanical heart
 RT biotechnology
 RT cardiac pacemakers
 RT organs
 RT prostheses

ARTIFICIAL RADIATION BELTS

BT1 radiation belts
 RT nuclear explosions

artisans

INIS: 1993-04-28; ETDE: 2002-06-07
 USE craftsmen

ARYL 4-MONOOXYGENASE

INIS: 2000-04-12; ETDE: 1981-06-13
 UF aryl hydrocarbon monooxygenase
 *BT1 oxidoreductases
 RT mixed-function oxidases

aryl hydrocarbon monooxygenase

INIS: 2000-04-12; ETDE: 1981-06-13
 USE aryl 4-monooxygenase

aryl hydrocarbons

2017-05-25
 USE aromatics

ARYL RADICALS

1996-07-16
 (Prior to August 1996 ANISYL RADICALS was a valid ETDE descriptor.)
 UF anisyl radicals
 BT1 radicals
 NT1 benzyl radicals
 NT1 mesityl radicals
 NT1 naphthyl radicals
 NT1 phenethyl radicals
 NT1 phenyl radicals
 NT1 tolyl radicals
 RT arylation

ARYLATION

INIS: 2000-04-12; ETDE: 1985-02-22
The introduction, by substitution or addition, of an aryl group into a chemical compound.
 BT1 chemical reactions
 RT aryl radicals

arylmagnesium compounds

USE grignard reagents

as low as reasonably achievable

INIS: 1993-11-03; ETDE: 2002-06-07
 USE alara

as recycling process

INIS: 2000-04-12; ETDE: 1979-01-30
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE desulfurization

ASBESTOS

RT refractories

ASCARIDAE

*BT1 nematodes
 BT1 parasites
 NT1 ascaris
 RT chickens
 RT intestines

ASCARIS

*BT1 ascaridae
 RT small intestine

aschelminthes

INIS: 2000-04-12; ETDE: 1981-06-17
 (Prior to September 2005 this was a valid descriptor.)
 SEE nematodes

ASCITES

BT1 pathological changes
 BT1 symptoms
 RT ascites tumor cells
 RT ehrlich ascites tumor
 RT neoplasms
 RT peritoneum

ASCITES TUMOR CELLS

*BT1 tumor cells
 RT ascites
 RT ehrlich ascites tumor
 RT neoplasms

ASCO-1 REACTOR

INIS: 1977-04-07; ETDE: 1977-06-02
Asco, Tarragona, Spain.
 *BT1 pwr type reactors

ASCO-2 REACTOR

INIS: 1977-04-07; ETDE: 1977-06-02
Asco, Tarragona, Spain.
 *BT1 pwr type reactors

ASCOLOY

2000-04-12
 *BT1 carbon additions
 *BT1 chromium alloys
 *BT1 iron base alloys

*BT1 manganese additions
 *BT1 nickel alloys
 *BT1 silicon additions

ASCORBIC ACID

UF vitamin c
 BT1 vitamins
 RT redox process

ASDEX TOKAMAK

INIS: 1977-03-01; ETDE: 1977-04-12
 *BT1 tokamak devices

ASH CONTENT

INIS: 1992-03-18; ETDE: 1984-05-08
 RT ashes
 RT chemical composition
 RT coal

ash separators

INIS: 2000-04-12; ETDE: 1976-03-22
 USE inertial separators

ASHES

1976-02-11
 BT1 combustion products
 BT1 residues
 NT1 fly ash
 RT ash content
 RT deashing
 RT particulates
 RT solid wastes

ashing (dry)

USE dry ashing

ashing (wet)

USE wet ashing

asi

ETDE: 1978-03-08
 USE adiabatic surface ionization

ASIA

NT1 afghanistan
 NT1 armenia
 NT1 azerbaijan
 NT1 bahrain
 NT1 bangladesh
 NT1 bhutan
 NT1 brunei
 NT1 cambodia
 NT1 china
 NT2 hong kong
 NT2 taiwan
 NT2 tibet
 NT1 india
 NT1 indonesia
 NT1 iran
 NT1 iraq
 NT1 israel
 NT1 japan
 NT2 hachimantai
 NT2 hirosshima
 NT2 nagasaki
 NT1 jordan
 NT1 kazakhstan
 NT1 kuwait
 NT1 kyrgyzstan
 NT1 laos
 NT1 lebanon
 NT1 macao
 NT1 malaysia
 NT1 maldives
 NT1 mongolian peoples republic
 NT1 myanmar
 NT1 nepal
 NT1 north korea
 NT1 oman
 NT1 pakistan
 NT1 philippines

NT1 qatar
 NT1 republic of georgia
 NT1 republic of korea
 NT1 saudi arabia
 NT1 siberia
 NT1 singapore
 NT1 sri lanka
 NT1 syria
 NT1 tajikistan
 NT1 thailand
 NT1 turkey
 NT1 turkmenistan
 NT1 united arab emirates
 NT1 uzbekistan
 NT1 viet nam
 NT1 yemen
 RT arab countries

asparagic acid

USE aspartic acid

ASPARAGINE

UF agedoite
 UF althein
 UF aminosuccinamic acid-alpha
 UF asparagine-beta
 UF asparamide
 *BT1 amides
 *BT1 amino acids
 RT aspartic acid

asparagine-beta

USE asparagine

asparaginic acid

USE aspartic acid

asparamide

USE asparagine

ASPARTIC ACID

UF aminosuccinic acid
 UF asparagic acid
 UF asparaginic acid
 *BT1 amino acids
 RT asparagine
 RT succinic acid

ASPECT RATIO

BT1 dimensionless numbers
 RT closed plasma devices
 RT plasma
 RT tori

ASPENS

INIS: 1992-01-10; ETDE: 1976-08-04
 *BT1 poplars
 RT cottonwoods

ASPERGILLUS

*BT1 eumycota
 RT aflatoxins

ASPHALT RIDGE DEPOSIT

INIS: 2000-04-12; ETDE: 1977-05-07
 *BT1 oil sand deposits
 RT oil sands
 RT utah

ASPHALTENES

1984-04-04
Dark, solid constituents of crude oils and other bitumens which are soluble in carbon disulfide but insoluble in paraffin naphthas; they hold most of the organic constituents of bitumens.
 RT asphalts

ASPHALTITE

*BT1 other organic compounds
 RT bitumens

ASPHALTS

*BT1 bitumens
 RT asphaltenes
 RT pavements
 RT road oils

aspirin

INIS: 1975-11-27; ETDE: 1976-03-22
 USE acetylsalicylic acid

assaying (qualitative)

1975-08-20
 USE qualitative chemical analysis

assaying (quantitative)

INIS: 1975-08-20; ETDE: 2002-01-18
 USE quantitative chemical analysis

ASSE SALT MINE

INIS: 1988-05-13; ETDE: 1987-08-14
Underground test facility in the Federal Republic of Germany for research and development in the field of radioactive waste storage and disposal.
 *BT1 mines
 *BT1 radioactive waste facilities
 RT federal republic of germany
 RT salt deposits
 RT underground disposal

assessments

USE charges

assets

INIS: 2000-04-12; ETDE: 1979-12-10
 USE financial data

assignments

1985-12-10
 USE allocations

ASSIMILATION

2013-08-28
 RT absorption
 RT digestion
 RT intake
 RT minority groups
 RT sociology

**assistance in nuclear
accident/radiological emergency
conv.**

INIS: 1989-02-24; ETDE: 2002-11-14
 USE canare

ASSOCIATED GAS

INIS: 1992-09-15; ETDE: 1978-03-09
Gaseous hydrocarbons occurring as a free-gas phase under original reservoir conditions of pressure and temperature.
 *BT1 gases
 RT oil fields
 RT petroleum deposits

ast-1 reactor

INIS: 1986-06-10; ETDE: 2002-06-07
 USE arbus reactor

ASTAR 811C

2000-04-12
 *BT1 hafnium additions
 *BT1 tantalum base alloys
 *BT1 tungsten alloys

ASTATINATION

1983-09-06
 *BT1 halogenation

ASTATINE

*BT1 halogens

ASTATINE 191

2003-11-13
 *BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ASTATINE 192

2007-01-17
 *BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ASTATINE 193

2003-11-13
 *BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ASTATINE 194

INIS: 1985-11-16; ETDE: 1984-05-08
 *BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ASTATINE 195

*BT1 astatine isotopes
 *BT1 electron capture radioisotopes
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ASTATINE 196

*BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

ASTATINE 197

*BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 electron capture radioisotopes
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

ASTATINE 198

*BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 heavy nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ASTATINE 199

*BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 electron capture radioisotopes
 *BT1 heavy nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

ASTATINE 200

*BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 electron capture radioisotopes
 *BT1 heavy nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

ASTATINE 201

*BT1 alpha decay radioisotopes
 *BT1 astatine isotopes
 *BT1 electron capture radioisotopes
 *BT1 heavy nuclei

- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 202

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

ASTATINE 203

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 204

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

ASTATINE 205

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 206

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

ASTATINE 207

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 208

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-odd nuclei

ASTATINE 209

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 210

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-odd nuclei

ASTATINE 211

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes

- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 212

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

ASTATINE 212 TARGET

INIS: 1992-09-22; ETDE: 1977-11-10
BT1 targets

ASTATINE 213

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 heavy nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 214

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 heavy nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-odd nuclei

ASTATINE 215

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 216

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 odd-odd nuclei

ASTATINE 217

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 218

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

ASTATINE 219

- *BT1 alpha decay radioisotopes
- *BT1 astatine isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

ASTATINE 220

INIS: 1989-04-20; ETDE: 1989-05-11
*BT1 alpha decay radioisotopes
*BT1 astatine isotopes
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei

ASTATINE 221

INIS: 1989-05-29; ETDE: 1989-06-21
*BT1 astatine isotopes
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei

- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

ASTATINE 222

INIS: 1989-05-29; ETDE: 1989-06-21

- *BT1 astatine isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

ASTATINE 223

INIS: 1989-05-29; ETDE: 1989-06-21

- *BT1 astatine isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

astatine additions

2000-04-12

(Prior to August 1993 this was a valid ETDE descriptor.)

USE alloys

USE astatine compounds

ASTATINE BROMIDES

1996-07-16

(From July 1996 to September 2007
ASTATINE COMPOUNDS + BROMIDES
was used for this concept.)

*BT1 astatine halides

*BT1 bromides

ASTATINE CHLORIDES

*BT1 astatine halides

*BT1 chlorides

ASTATINE COMPLEXES

BT1 complexes

ASTATINE COMPOUNDS

1996-07-16

UF astatine additions

BT1 halogen compounds

NT1 astatine halides

NT2 astatine bromides

NT2 astatine chlorides

NT2 astatine iodides

ASTATINE HALIDES

2008-02-07

*BT1 astatine compounds

*BT1 halides

NT1 astatine bromides

NT1 astatine chlorides

NT1 astatine iodides

ASTATINE IODIDES

1996-07-16

(From July 1996 to February 2008
ASTATINE COMPOUNDS + IODIDES was
used for this concept.)

*BT1 astatine halides

*BT1 iodides

ASTATINE IONS

*BT1 ions

ASTATINE ISOTOPES

1999-07-16

BT1 isotopes

NT1 astatine 191

NT1 astatine 192

NT1 astatine 193

NT1 astatine 194

NT1 astatine 195

NT1 astatine 196

NT1 astatine 197

NT1 astatine 198

NT1 astatine 199

NT1 astatine 200

NT1 astatine 201

NT1 astatine 202
NT1 astatine 203
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NT1 astatine 221
NT1 astatine 222
NT1 astatine 223

ASTEROIDS

RT planets
RT solar system

ASTHMA

INIS: 1978-02-23; ETDE: 1976-10-13
***BT1** respiratory system diseases
RT immune system diseases

ASTR REACTOR

2000-04-12
General Dynamics Corp., Fort Worth, Texas, USA. Shut down in 1971.
UF aerospace system test reactor
UF aircraft shield test reactor
UF fort worth astr reactor
***BT1** test reactors
***BT1** water cooled reactors
***BT1** water moderated reactors

ASTRA REACTOR

Austrian Research Centres, Seibersdorf, Austria. Decommissioned since 1999.
UF adapted swimming pool reactor austria
UF austrian research reactor
UF swimming pool tank reactor austria
***BT1** enriched uranium reactors
***BT1** isotope production reactors
***BT1** pool type reactors
***BT1** research reactors
***BT1** test reactors
***BT1** thermal reactors
RT seibersdorf research centre

ASTRID STORAGE RING

INIS: 1992-05-26; ETDE: 1994-08-10
Aarhus University, Denmark.
BT1 storage rings

ASTROCYTOMAS

INIS: 1992-09-22; ETDE: 1981-01-12
 (Until September 1992, this concept was indexed by NEOPLASMS.)
***BT1** gliomas

ASTROLOY

1993-10-03
***BT1** alloy-ni55co17cr15mo5al4ti4
***BT1** carbon additions

ASTRON

***BT1** closed plasma devices

ASTRON SATELLITES

INIS: 1985-06-10; ETDE: 1985-07-19
BT1 satellites

ASTRONAUTS

BT1 personnel
RT aviation personnel

ASTRONOMY

UF neutrino astronomy
NT1 gamma astronomy
NT1 radioastronomy
RT astrophysics
RT eclipse
RT stars

ASTROPHYSICAL S FACTOR

2017-11-09
RT coulomb field
RT total cross sections

ASTROPHYSICS

2000-01-26
UF neutrino astrophysics
BT1 physics
NT1 warm dense matter
RT astronomy
RT chandrasekhar theory
RT cosmology
RT dusty plasma
RT force-free magnetic fields
RT galactic evolution
RT red shift

ASYMMETRY

1996-03-04
UF skewness
NT1 east-west asymmetry
NT1 north-south asymmetry
RT anisotropy
RT asymmetry coefficients
RT configuration
RT distribution
RT orientation
RT symmetry

ASYMMETRY COEFFICIENTS

RT asymmetry

asymptotic conditions

USE boundary conditions

ASYMPTOTIC SOLUTIONS

BT1 mathematical solutions
RT boundary conditions
RT high-energy limit
RT limiting fragmentation
RT low-energy limit
RT mathematical evolution

ATC DEVICES

UF adiabatic toroidal compressors
***BT1** tokamak devices

atf-1 torsatron

INIS: 1984-04-04; ETDE: 2002-06-07
USE atf torsatron

ATF TORSATRON

INIS: 1984-04-04; ETDE: 1983-07-07
UF advanced toroidal facility torsatron
UF atf-1 torsatron
***BT1** torsatron stellarators

atgas process

1994-04-12
Applied Technology Corporation process for producing intermediate- or high-Btu gas using molten iron gasification technique to gasify all types of coal with steam and oxygen at 5 psia pressure and 2600 degrees F. The process can be adapted to make low-Btu gas by using air instead of oxygen.
 (Prior to April 1994, this was a valid ETDE descriptor.)
USE coal gasification

ATHABASCA DEPOSIT

1992-06-04
***BT1** oil sand deposits
RT alberta
RT canada
RT oil sands

ATHABASCA LAKE

***BT1** lakes
RT alberta
RT saskatchewan

ATHENE REACTOR

2000-04-12
UF argonaut eindhoven reactor
UF atoomreactor technische hogeschool eindhoven nederland
UF eindhoven argonaut reactor
***BT1** argonaut type reactors
***BT1** research reactors
***BT1** thermal reactors
***BT1** training reactors

atherosclerosis

USE arteriosclerosis

ATLANTA

INIS: 1992-06-04; ETDE: 1977-10-20
***BT1** georgia (u.s. state of)
BT1 urban areas

ATLANTIC-1 REACTOR

Public Service Electric and Gas Co., USA. Canceled in 1978.
***BT1** pwr type reactors
RT offshore nuclear power plants

ATLANTIC-2 REACTOR

Public Service Electric and Gas Co., USA. Canceled in 1978.
***BT1** pwr type reactors
RT offshore nuclear power plants

ATLANTIC OCEAN

1997-06-19
***BT1** seas
NT1 baltimore canyon
NT1 bay of biscay
NT1 bay of fundy
NT1 biscayne bay
NT1 caribbean sea
NT2 gulf of mexico
NT3 galveston bay
NT3 san antonio bay
NT1 chesapeake bay
NT1 delaware bay
NT1 gulf of maine
NT1 irish sea
NT1 long island sound
NT1 mid-atlantic bight
NT2 new york bight
NT1 north sea
NT2 wadden sea
NT1 onslow bay
NT1 sargasso sea
NT1 south atlantic bight
NT1 weddell sea
RT bahama islands
RT bermuda
RT cape verde islands
RT faeroe islands
RT georges bank
RT gulf stream
RT iceland
RT mid-atlantic ridge
RT newfoundland
RT prince edward island
RT us east coast

atlas computers

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE computers

ATLAS DETECTOR

2015-10-27

UF atlas experiment

*BT1 radiation detectors

RT cern

RT cern lhc

atlas experiment

2015-10-27

USE atlas detector

atlas rockets

2000-04-12

(Prior to August 1996 this was a valid ETDE descriptor.)

USE rockets

ATLAS SUPERCONDUCTING LINAC

INIS: 1985-11-18; ETDE: 1985-04-24

Argonne Tandem/Linear Accelerator.

UF argonne superconducting linac

UF argonne tandem/linear accelerator

*BT1 hilacs

ATMOSPHERES

Not for concepts covered by EARTH

ATMOSPHERE.

NT1 controlled atmospheres

NT2 inert atmosphere

NT3 cover gas

NT1 planetary atmospheres

NT2 planetary ionospheres

NT2 planetary magnetospheres

NT1 satellite atmospheres

NT2 lunar atmosphere

NT1 stellar atmospheres

NT2 solar atmosphere

NT3 chromosphere

NT3 heliosphere

NT3 photosphere

NT3 solar corona

NT2 stellar chromospheres

NT2 stellar coronae

NT3 solar corona

NT2 stellar magnetospheres

ATMOSPHERIC CHEMISTRY

INIS: 1981-05-11; ETDE: 1979-06-06

Study of the production, transport, modification, and removal of atmospheric constituents in the troposphere and stratosphere.

BT1 chemistry

RT air pollution

RT greenhouse gases

RT ozone

RT photochemical reactions

RT photochemistry

RT smog

ATMOSPHERIC CIRCULATION

INIS: 1991-09-19; ETDE: 1982-08-24

Global or hemispheric air movements which can be treated by equations of motion, in contrast to atmospheric diffusion which is small random movement not amenable to treatment by these equations.

RT air flow

RT box models

RT climate models

RT climates

RT currents

RT earth atmosphere

RT general circulation models

RT jet stream

RT meteorology

RT southern oscillation

RT wind

ATMOSPHERIC EXPLOSIONS

1996-06-26

UF annie event

UF argus event

UF boltzmann event

UF harry event

UF orange event

UF romeo event

UF smoky event

UF starfish event

UF teak event

UF tewa event

UF yankee event

BT1 explosions

NT1 ranger project

NT1 trinity event

RT castle project

RT crossroads project

RT dominic project

RT earth atmosphere

RT little boy

RT nuclear explosion detection

RT nuclear explosions

RT redwing project

atmospheric exposure chambers

INIS: 1978-09-28; ETDE: 1977-10-20

USE exposure chambers

atmospheric inversion

INIS: 2000-04-12; ETDE: 1980-09-04

USE temperature inversions

ATMOSPHERIC NEUTRINOS

2018-06-19

*BT1 neutrinos

NT1 conventional neutrinos

NT1 prompt neutrinos

ATMOSPHERIC PRECIPITATIONS

UF precipitations (atmospheric)

NT1 hail

NT1 rain

NT2 acid rain

NT1 snow

RT aitken nuclei

RT climates

RT clouds

RT droplets

RT droughts

RT earth atmosphere

RT environmental materials

RT fallout

RT fog

RT ground water

RT hydrosphere

RT interception

RT meteorology

RT rain water

RT runoff

RT seasons

RT storms

RT surface waters

RT throughfall

RT washout

RT weather

ATMOSPHERIC PRESSURE

INIS: 1992-06-30; ETDE: 1979-07-18

RT anticyclones

RT cyclones

RT earth atmosphere

RT pressure measurement

RT southern oscillation

atmospheric temperature

INIS: 1993-07-06; ETDE: 2002-06-07

USE ambient temperature

ATMOSPHERICS

UF sferics

*BT1 radio noise

RT whistlers

ATOM-ATOM COLLISIONS

*BT1 atom collisions

RT electron exchange

ATOM COLLISIONS

BT1 collisions

NT1 atom-atom collisions

NT1 atom-molecule collisions

NT1 electron-atom collisions

NT1 ion-atom collisions

NT1 muon-atom collisions

NT1 photon-atom collisions

NT1 positron-atom collisions

RT atomic physics

ATOM-MOLECULE COLLISIONS

*BT1 atom collisions

*BT1 molecule collisions

RT electron exchange

ATOM TRANSPORT

1975-09-09

UF transport (atoms)

*BT1 neutral-particle transport

RT atoms

RT diffusion

RT mass transfer

RT transport theory

atomic absorption spectroscopy

USE absorption spectroscopy

ATOMIC BEAM DIFFRACTION

INIS: 1975-09-26; ETDE: 1975-10-28

*BT1 diffraction

RT crystallography

ATOMIC BEAM SOURCES

INIS: 1977-09-15; ETDE: 1977-11-10

BT1 neutral beam sources

RT atomic beams

RT beam injection heating

RT ion sources

RT neutral atom beam injection

ATOMIC BEAMS

UF abmr method

BT1 beams

RT atomic beam sources

RT beam strippers

atomic bombs

USE nuclear weapons

ATOMIC CLOCKS

RT electronic equipment

RT time interval analyzers

RT time measurement

atomic clouds

USE radioactive clouds

ATOMIC CLUSTERS

INIS: 1992-10-19; ETDE: 1992-11-04

RT cluster beams

RT fullerenes

RT ion pairs

ATOMIC DISPLACEMENTS

INIS: 1982-11-29; ETDE: 1983-02-09

(From September 1979 till February 1997 DISPLACEMENT RATES was a valid ETDE descriptor.)

UF displacements (atomic)

UF dpa
SF displacement rates
*BT1 physical radiation effects

atomic energy

INIS: 1980-04-02; ETDE: 1980-05-06
USE nuclear energy

ATOMIC ENERGY ACT

INIS: 2000-04-12; ETDE: 1980-04-14
*BT1 atomic energy laws

ATOMIC ENERGY AGREEMENTS

*BT1 international agreements

ATOMIC ENERGY CONTROL

BT1 control
NT1 international control
NT1 national control
RT atomic energy laws
RT legal aspects
RT safeguards

atomic energy control board (canada)

INIS: 1993-11-03; ETDE: 2002-06-07
Atomic Energy Control Board of Canada.
USE canadian aecb

atomic energy law

INIS: 1990-12-15; ETDE: 2002-06-07
USE atomic energy laws

ATOMIC ENERGY LAWS

1990-12-15
(Prior to December 1990, in INIS this was spelled ATOMIC ENERGY LAW.)
UF atomic energy law
BT1 laws
NT1 atomic energy act
NT1 nuclear waste policy acts
RT atomic energy control
RT secrecy protection

ATOMIC ENERGY OF CANADA LTD

INIS: 1977-09-06; ETDE: 1977-11-09
UF aecl
*BT1 canadian organizations
NT1 chalk river nuclear labs
NT1 wnre

atomic energy research establishment

USE aere

atomic explosions

USE nuclear explosions

atomic fluorescence spectroscopy

2000-04-12
USE fluorescence spectroscopy

ATOMIC FORCE MICROSCOPY

INIS: 1999-07-26; ETDE: 1999-09-09
Technique used to study surface properties of materials from atomic to micron level. A sharp tip, on a cantilever spring, is scanned over a surface; a detector measures the cantilever deflection.
UF afm
UF magnetic force microscopy
BT1 microscopy
RT scanning tunneling microscopy

ATOMIC IONS

INIS: 1975-11-11; ETDE: 1975-12-16
Coordinate the above descriptor with a descriptor for the appropriate specific ion.
UF ions (atomic)
*BT1 ions

ATOMIC MODELS

1999-03-17
UF models (atomic)
UF molecular orbital model

BT1 mathematical models
NT1 thomas-fermi model
RT atomic physics
RT atomic radii
RT bohr theory
RT configuration interaction
RT electron correlation
RT electronic structure
RT harmonic oscillator models
RT hartree-fock method
RT optical models
RT self-consistent field
RT single-particle model

ATOMIC NUMBER

UF nuclear charge
RT periodic system
RT stopping power

ATOMIC PHYSICS

INIS: 1983-06-30; ETDE: 1982-08-11
Use only for indexing articles of very broad coverage, such as annual reviews, text books, etc.
BT1 physics
RT atom collisions
RT atomic models
RT neutron physics

atomic power company main yankee

1993-11-03
USE maine yankee reactor

ATOMIC RADII

RT atomic models
RT electronic structure

atomic shells

USE electronic structure

atomic shells (k)

INIS: 1976-07-06; ETDE: 1976-08-24
USE k shell

atomic shells (l)

INIS: 1976-07-06; ETDE: 1976-08-24
USE l shell

atomic shells (m)

INIS: 1976-07-06; ETDE: 1976-08-24
USE m shell

atomic shells (n)

INIS: 1979-11-02; ETDE: 1978-10-23
USE n shell

atomic weapons

USE nuclear weapons

atomic weight

INIS: 2000-04-12; ETDE: 1982-10-05
SEE mass number

atomics international aqueous carbonate process

INIS: 2000-04-12; ETDE: 1977-05-07
USE desulfurization

ATOMICS INTERNATIONAL CANOGA PARK PLANT

INIS: 1996-07-16; ETDE: 1976-11-17
*BT1 us doe
*BT1 us erda
RT california

atomics international l-77 reactor

1993-11-03
USE ai-l-77 reactor

atomics international molten salt process

INIS: 2000-04-12; ETDE: 1975-10-01
USE molten salt coal gasification process

atomics international prototype fast reactor

1993-11-03
USE aipfr reactor

atomics international reduction oxidation dry reprocessing

INIS: 2000-04-12; ETDE: 1979-09-26
USE airox process

ATOMIZATION

RT aerosols
RT droplets
RT fuel injection systems
RT sprays

ATOMKI

1986-04-03
UF mta atommagkutato intezete
*BT1 hungarian organizations

atomki cyclotron

INIS: 1985-05-15; ETDE: 1985-07-18
USE debrecen cyclotron

atomkraftwerk muehleberg

USE muehleberg reactor

atomkraftwerk rheinsberg akw1 reaktor

INIS: 1993-11-03; ETDE: 2002-06-07
USE rheinsberg akw1 reactor

ATOMS

NT1 hadronic atoms
NT2 mesic atoms
NT3 kaonic atoms
NT3 pionic atoms
NT2 protonium
NT1 isoelectronic atoms
NT1 muonic atoms
RT atom transport
RT aufbau principle
RT fundamental constants
RT kihara potential
RT matrix isolation
RT muonium
RT positronium
RT superradiance

atoomreactor technische hogeschool eindhoven nederland

2000-04-12
USE athene reactor

ATP

UF adenosine triphosphate
*BT1 nucleotides
RT adenines
RT adenosine
RT atp-ase

ATP-ASE

Code numbers 3.6.1.3 and 3.6.1.8.
UF adenosine triphosphatase
*BT1 phosphohydrolases
RT atp

ATPR REACTOR

2000-04-12
UF triga-mk-f prototype reactor
SF triga-mk-3 reactor
*BT1 isotope production reactors
*BT1 pulsed reactors
*BT1 research reactors
*BT1 test reactors

- *BT1 thermal reactors
- *BT1 training reactors
- *BT1 triga type reactors

ATR REACTOR

- INEEL, Idaho Falls, Idaho, USA.*
- UF advanced test idaho reactor
 - UF idaho advanced test reactor
 - *BT1 enriched uranium reactors
 - *BT1 materials testing reactors
 - *BT1 tank type reactors
 - *BT1 test reactors
 - *BT1 thermal reactors
 - *BT1 water cooled reactors
 - *BT1 water moderated reactors

ATRAZINE

- 2013-07-19
- *BT1 herbicides
 - RT organic chlorine compounds
 - RT teratogens
 - RT triazines

ATRC REACTOR

- INEEL, Idaho Falls, Idaho, USA.*
- UF advanced test reactor critical facility
 - *BT1 enriched uranium reactors
 - *BT1 experimental reactors
 - *BT1 pool type reactors
 - *BT1 thermal reactors

ATRIA

- INIS: 1992-08-25; ETDE: 1981-11-10*
- RT buildings
 - RT high rooms

atropa belladonna

- 1997-01-28
(Until October 1996 this was a valid descriptor.)
- USE magnoliopsida
 - USE medicinal plants

ATROPHY

- BT1 pathological changes

ATROPINE

- 1996-11-13
- *BT1 alkaloids
 - *BT1 parasymphatholytics

ATS SATELLITES

- BT1 satellites

ATSR REACTOR

- 2000-04-12
ANL, Argonne, Illinois, USA. Shut down in 1988.
- UF argonne thermal source reactor
 - *BT1 research reactors
 - *BT1 tank type reactors
 - *BT1 thermal reactors
 - *BT1 water cooled reactors
 - *BT1 water moderated reactors

ATTACHED GREENHOUSES

- INIS: 1992-08-25; ETDE: 1979-02-27*
- *BT1 greenhouses
 - RT passive solar heating systems

ATTAPULGITE

- INIS: 1980-05-14; ETDE: 1979-07-18*
- *BT1 clays
 - RT fullers earth

ATTENUATION

In classical physics only. For reducing the intensity of waves and submolecular particles when passing through matter employing classical physics use the above descriptor, when employing quantum physics use ABSORPTION. For attenuation cross sections, see also TOTAL CROSS SECTIONS.

- RT acoustic esr
- RT acoustic nmr
- RT damping
- RT energy losses
- RT opacity
- RT transmission

ATTICS

INIS: 2000-04-12; ETDE: 1979-03-27
The parts of buildings immediately below the roof and entirely or partly within the roof framing.

- RT buildings

attitude control

INIS: 2000-04-12; ETDE: 1975-07-29
(Prior to February 1997 this was a valid ETDE descriptor.)

- USE control
- USE orientation

ATTITUDES

INIS: 1985-12-10; ETDE: 1980-04-14

- NT1 safety culture
- RT behavior
- RT human factors
- RT learning
- RT public anxiety
- RT public opinion

attitudes of the public

INIS: 2000-04-12; ETDE: 1978-03-03

- USE public opinion

ATTRACTORS

INIS: 1987-02-26; ETDE: 1990-11-14

- NT1 limit cycle
- RT phase space
- RT randomness
- RT turbulence

ATUCHA-1 REACTOR

Nucleoelectrica Argentina S.A., Lima, Buenos Aires, Argentina. ATUCHA REACTOR was a valid descriptor prior to February 2009, referring to the reactor now called ATUCHA-1 REACTOR.

- SF central nuclear en atucha reactor
- SF cna reactor
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- *BT1 pressure tube reactors
- *BT1 thermal reactors

ATUCHA-2 REACTOR

INIS: 1980-02-26; ETDE: 1980-03-29
Nucleoelectrica Argentina S.A., Lima, Buenos Aires, Argentina.

- SF central nuclear en atucha reactor
- SF cna reactor
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- *BT1 pressure tube reactors
- *BT1 thermal reactors

ATWS

1975-09-01

- UF anticipated transients without scram
- SF loss of feedwater
- SF loss of heat sink
- SF loss of off-site power
- SF turbine trips

- *BT1 reactor accidents
- RT design-basis accidents
- RT scram
- RT transients

AU SABLE RIVER

INIS: 2000-04-12; ETDE: 1980-12-08

- *BT1 rivers
- RT hydroelectric power plants
- RT michigan

AUBE PLANT

INIS: 1993-04-19; ETDE: 1992-11-20

- UF soulaines plant
- *BT1 radioactive waste facilities

AUC

1979-11-02

- UF ammonium uranyl carbonates
- *BT1 ammonium carbonates
- *BT1 uranyl compounds

audible alarm

INIS: 1984-04-04; ETDE: 2002-06-07

- USE alarm systems

AUDIO FILES

2012-05-23

- BT1 document types

AUDITORY ORGANS

- UF ears
- UF labyrinth
- *BT1 sense organs
- RT vestibular apparatus

AUDITS

INIS: 1985-12-10; ETDE: 1979-11-23
Documented activities undertaken to determine the adequacy of or the adherence to established procedures, instructions, specifications, codes, standards, etc., and the effectiveness of implementation.

- NT1 compliance audits
- NT1 energy audits
- RT accounting
- RT debt collection
- RT evaluation
- RT inspection
- RT licensing
- RT management
- RT quality assurance
- RT us doe inspector general
- RT verification

AUFBAU PRINCIPLE

- UF aufbauprinzip
- RT atoms
- RT electronic structure

aufbauprinzip

- USE aufbau principle

AUFWUCHS

INIS: 1993-07-12; ETDE: 1977-04-12
Organisms attached to or moving upon a submerged substrate.

- UF periphyton
- BT1 aquatic organisms

AUGER EFFECT

Includes all particles, processes, and spectra associated with the auger effect.

- NT1 coster-kronig transitions
- RT auger electron spectroscopy
- RT autoionization
- RT electron emission
- RT energy-level transitions
- RT inner-shell ionization

AUGER ELECTRON SPECTROSCOPY

- *BT1 electron spectroscopy

RT auger effect

AUGER MINING

INIS: 2000-04-12; ETDE: 1977-03-08

BT1 mining
RT hydraulic mining
RT mining engineering
RT mining equipment
RT surface mining

AUGMENTATION

INIS: 1985-12-10; ETDE: 1979-07-18

Increasing or making more numerous, larger, or more intense, e.g., augmentation of heat transfer.

UF increasing
RT expansion
RT growth
RT minimization
RT optimization
RT shrinkage

aurabon process

INIS: 2000-04-12; ETDE: 1982-05-12

Process for the catalytic conversion of heavy crudes and tars containing large quantities of asphaltenes and metals.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE refining

aurates

1996-07-16

(Until July 1996 this was a valid descriptor.)

USE gold compounds
USE oxygen compounds

aurin

INIS: 2000-04-12; ETDE: 1996-02-27

(Prior to February 1996 this was a valid ETDE descriptor.)

USE polyphenols
USE triphenylmethane dyes

aurintricarboxylic acid

1996-10-22

(Prior to March 1997 ALUMINON was used for this concept in ETDE.)

USE hydroxy acids
USE triphenylmethane dyes

AURORA FACILITY

INIS: 1986-01-21; ETDE: 1985-09-24

Large KrF laser facility at Los Alamos.

RT antares facility
RT icf devices
RT inertial confinement
RT krypton fluoride lasers
RT lanl
RT laser fusion reactors

AURORAE

NT1 midday aurorae
NT1 polar-cap aurorae
RT airglow
RT auroral oval
RT auroral zones
RT charged-particle precipitation
RT electron precipitation
RT harang discontinuity
RT night sky
RT proton precipitation
RT trapped protons

auroral electrojets

USE electrojets

AURORAL HISS

*BT1 electromagnetic radiation
RT ionosphere
RT whistlers

AURORAL OVAL

NT1 harang discontinuity
RT aurorae
RT auroral zones
RT charged-particle precipitation
RT electron precipitation
RT ionosphere
RT midday aurorae
RT polar-cap aurorae
RT polar cusp
RT proton precipitation

auroral substorms

USE magnetic bays

AURORAL ZONES

UF zones (auroral)
RT antarctic regions
RT arctic regions
RT aurorae
RT auroral oval
RT ionosphere
RT midday aurorae
RT polar-cap aurorae

AUSTENITE

A solid solution of carbon in gamma-iron.

*BT1 carbon additions
*BT1 iron alloys
RT austenitic steels
RT decarburization
RT iron-gamma
RT martensite
RT solid solutions

AUSTENITIC STEELS

INIS: 1996-11-13; ETDE: 1978-02-14

Steels having at room temperature a microstructure consisting, at least predominantly, of austenite. Their austenitic microstructure is attained above all by alloying conditions, e.g., Mn for Ni.
(Prior to February, 1978 STEELS and AUSTENITE were used to index this concept in ETDE.)

UF stainless steel-330
UF steel-13cr6nimo
UF steel-40kh13n8g8
UF steel-cr13mn8ni8
UF steel-cr13ni6mo-l
UF steel-ni17cr14moti-l
UF steel-ni36cr18
*BT1 steels
NT1 steel-cr15ni15motib
NT1 steel-cr16ni13monbv
NT1 steel-cr16ni15mo3nb
NT1 steel-cr16ni16monb
NT1 steel-cr16ni8mo2
NT2 stainless steel-16-8-2
NT1 steel-cr17ni12mo3
NT2 stainless steel-316
NT1 steel-cr17ni12mo3-l
NT2 stainless steel-316l
NT2 stainless steel-zcnd17-13
NT1 steel-cr17ni12monb
NT1 steel-cr17ni13
NT1 steel-cr17ni13mo2ti
NT1 steel-cr17ni13mo3ti
NT1 steel-cr17ni7
NT2 stainless steel-301
NT1 steel-cr18ni10
NT2 stainless steel-18-10
NT1 steel-cr18ni10-l
NT1 steel-cr18ni10ti
NT2 stainless steel-321
NT1 steel-cr18ni11
NT2 steel-x6crni1811
NT1 steel-cr18ni11nb
NT2 stainless steel-347
NT1 steel-cr18ni11nbco

NT2 stainless steel-348
NT1 steel-cr18ni12
NT2 stainless steel-305
NT1 steel-cr18ni12ti
NT1 steel-cr18ni8
NT2 stainless steel-18-8
NT1 steel-cr18ni9
NT2 stainless steel-302
NT1 steel-cr18ni9ti
NT1 steel-cr19ni10
NT2 stainless steel-304
NT1 steel-cr19ni10-l
NT2 stainless steel-304l
NT1 steel-cr20ni11
NT2 stainless steel-308
NT1 steel-cr20ni11-l
NT2 stainless steel-308l
NT1 steel-cr21mn9ni6
NT2 stainless steel-21-6-9
NT1 steel-cr23ni14
NT2 stainless steel-309
NT2 stainless steel-309s
NT1 steel-cr23ni18
NT1 steel-cr25ni20
NT2 alloy-hk-40
NT2 stainless steel-310
NT1 steel-ni25cr20
NT2 stainless steel-20-25
NT1 steel-ni26cr15ti2movalb
NT2 alloy-a-286
RT austenite
RT corrosion resistant alloys
RT heat resisting alloys

AUSTRALASIA

NT1 australia
NT2 new south wales
NT2 northern territory
NT2 queensland
NT2 south australia
NT2 tasmania
NT2 victoria
NT2 western australia
NT1 new guinea
NT2 papua new guinea
NT1 new zealand

AUSTRALIA

1997-06-19

UF bass strait
BT1 australasia
BT1 developed countries
NT1 new south wales
NT1 northern territory
NT1 queensland
NT1 south australia
NT1 tasmania
NT1 victoria
NT1 western australia
RT mary kathleen mines
RT new guinea
RT oceania
RT oecd
RT rum jungle mine
RT tasman sea
RT timor sea

australian atomic energy commission

INIS: 1996-01-30; ETDE: 1978-04-28

USE ansto

australian moata reactor

USE moata reactor

AUSTRALIAN ORGANIZATIONS

INIS: 1978-02-23; ETDE: 1977-05-07

BT1 national organizations
NT1 ansto
NT1 arpana

australian radiation protection and nuclear safety agency

2015-04-07

USE arpansa

australian replacement research reactor

2005-07-22

USE opal reactor

australites

USE tektites

AUSTRIA

1998-06-10

BT1 developed countries

*BT1 western europe

RT alps

RT ctbt

RT danube river

RT iaea

RT oecd

RT rhine river

RT unido

AUSTRIAN ORGANIZATIONS

INIS: 1980-12-01; ETDE: 1981-01-09

BT1 national organizations

NT1 seibersdorf research centre

austrian research center seibersdorf

INIS: 1993-11-04; ETDE: 2002-06-07

USE seibersdorf research centre

austrian research reactor

USE astra reactor

austrian triga-mark-ii reactor

2000-04-12

USE triga-2-vienna reactor

austrian triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-06-07

USE triga-2-vienna reactor

authentication

2014-01-23

USE identification systems

AUTOCLAVES

RT laboratory equipment

RT pressure vessels

AUTOHYDROLYSIS

INIS: 2000-04-12; ETDE: 1984-10-10

The use of heat or steam in the pretreatment of biomass to enhance subsequent conversion processes.

UF steam explosion process

BT1 heat treatments

*BT1 hydrolysis

RT biomass

AUTOIGNITION

2007-01-08

BT1 ignition

RT antiknock ratings

RT internal combustion engines

RT knock control

RT spontaneous combustion

AUTOIONIZATION

BT1 ionization

RT auger effect

RT inner-shell ionization

AUTOLYSIS

*BT1 decomposition

NT1 autoradiolysis

RT enzymes

AUTOMATION

RT computer-aided manufacturing

RT distance

RT dna sequencers

RT man-machine systems

RT reactor control systems

RT remote handling

RT work

automobile efficiency standards

INIS: 2000-04-12; ETDE: 1979-03-28

USE automobiles

USE efficiency

USE standards

automobile exhaust reactors

INIS: 2000-04-12; ETDE: 1975-11-11

USE afterburners

automobile industry

INIS: 1992-03-25; ETDE: 1977-06-21

USE automotive industry

AUTOMOBILES

1997-06-19

UF automobile efficiency standards

UF cars

BT1 vehicles

RT afterburners

RT automotive accessories

RT carpooling

RT catalytic converters

RT exhaust gases

RT exhaust recirculation systems

RT ignition systems

RT mechanical transmissions

RT motor vehicle operators

RT occupants

RT pcv systems

RT rankine cycle engines

RT road tests

RT spark ignition engines

RT stratified charge engines

RT taxicabs

RT vans

AUTOMOTIVE ACCESSORIES

INIS: 2000-04-12; ETDE: 1981-09-22

RT air conditioning

RT alternators

RT automobiles

RT blowers

RT pumps

AUTOMOTIVE FUELS

1997-06-17

BT1 fuels

RT alcohol fuels

RT ethanol fuels

RT fuel consumption

RT gasohol

RT gasoline

RT gasoline service stations

RT hydrogen fuels

RT kerosene

RT knock control

RT liquid fuels

RT methanol fuels

RT oxygenated fuels

AUTOMOTIVE INDUSTRY

INIS: 1992-03-25; ETDE: 1980-05-06

UF automobile industry

BT1 industry

RT aaps

AUTONOMIC NERVOUS SYSTEM

UF parasympathetic nervous system

UF sympathectomy

UF sympathetic nervous system

BT1 nervous system

NT1 vagus

RT autonomic nervous system agents

RT ganglions

RT hypothalamus

RT parasympatholytics

RT parasympathomimetics

RT radiation syndrome

RT sympatholytics

RT sympathomimetics

AUTONOMIC NERVOUS SYSTEM AGENTS

INIS: 1984-05-24; ETDE: 1981-04-20

BT1 drugs

NT1 neuroregulators

NT2 acetylcholine

NT2 adrenaline

NT2 aminobutyric acid

NT2 dopa

NT2 dopamine

NT2 endorphins

NT3 enkephalins

NT2 noradrenaline

NT2 serotonin

NT3 bufotenine

NT1 parasympatholytics

NT2 atropine

NT2 nicotine

NT1 parasympathomimetics

NT2 acetylcholine

NT2 eserine

NT2 nicotine

NT2 pilocarpine

NT1 spiperone

NT1 sympatholytics

NT2 ergotamine

NT2 reserpine

NT1 sympathomimetics

NT2 adrenaline

NT2 amphetamines

NT3 benzedrine

NT2 dopamine

NT2 ephedrine

NT2 noradrenaline

NT2 serotonin

NT3 bufotenine

NT2 tyramine

RT autonomic nervous system

AUTOPSY

BT1 diagnostic techniques

RT biopsy

RT pathology

autoradiographs

USE images

AUTORADIOGRAPHY

UF alpha autoradiography

UF radioautography

UF radiography (auto)

RT ceramography

RT diagnostic techniques

RT industrial radiography

RT labelled compounds

RT nondestructive testing

RT nuclear emulsions

RT tracer techniques

AUTORADIOLYSIS

*BT1 autolysis

*BT1 radiolysis

RT labelled compounds

RT self-irradiation

AUTOTHERMAL REFORMER PROCESSES

INIS: 2000-04-12; ETDE: 1981-03-17

Air, steam, and hydrocarbon fuel are fed into a furnace and partial oxidation of the

hydrocarbon provides the heat for steam reforming of the hydrocarbon.

UF *adiabatic reformer processes*

*BT1 *reformer processes*

RT *hydrogen production*

RT *partial oxidation processes*

AUTOTROPHS

INIS: 2000-04-12; ETDE: 1979-03-27

Organisms capable of synthesizing organic nutrients directly from simple inorganic substances such as carbon dioxide and inorganic nitrogen.

RT *microorganisms*

RT *single cell protein*

RT *synthetic fuels*

AUTUNITE

*BT1 *phosphate minerals*

*BT1 *uranium minerals*

AUXILIARY HEATING

INIS: 1999-10-11; ETDE: 1975-10-01

*BT1 *space heating*

RT *auxiliary systems*

AUXILIARY SYSTEMS

1985-12-10

May be used in any field.

NT1 *auxiliary water systems*

NT2 *condenser cooling systems*

RT *auxiliary heating*

RT *remote handling equipment*

AUXILIARY WATER SYSTEMS

1976-04-03

For service water systems or other water systems not intended to be part of the cooling or moderating water system of a reactor.

UF *component cooling systems*

UF *refueling water systems*

UF *service water systems*

BT1 *auxiliary systems*

NT1 *condenser cooling systems*

RT *coolant loops*

RT *discharge canals*

RT *drinking water*

RT *feedwater*

RT *intake canals*

RT *reactor cooling systems*

AUXINS

BT1 *plant growth regulators*

RT *abscisic acid*

RT *gibberellic acid*

AVAILABILITY

1999-03-19

UF *supply*

RT *allocations*

RT *demand*

RT *domestic supplies*

RT *economics*

RT *energy security*

RT *energy sources*

RT *geologic deposits*

RT *inventories*

RT *ore composition*

RT *outages*

RT *production*

RT *shortages*

avalanche multiplication

INIS: 1982-07-22; ETDE: 1982-08-06

USE *townsend discharge*

AVALANCHE QUENCHING

1978-07-03

UF *quenching (avalanche)*

RT *geiger-mueller counters*

RT *ionization chambers*

RT *proportional counters*

RT *townsend discharge*

avena

USE *oats*

average magnetic well

USE *minimum average-b configurations*

avg process

2000-04-12

USE *coal gasification*

aviation fuels

2000-04-12

SEE *gasoline*

SEE *jet engine fuels*

AVIATION PERSONNEL

BT1 *personnel*

RT *astronauts*

RT *military personnel*

AVIDIN

INIS: 2002-04-22; ETDE: 2002-05-01

*BT1 *glycoproteins*

avlis

2001-03-06

Atomic Vapor Laser Isotope Separation.

USE *laser isotope separation*

AVOCADOS

1983-06-30

*BT1 *fruits*

RT *fruit trees*

AVOGADRO RS-1 REACTOR

Saluggia, Italy. Decommissioned since 1980.

UF *arsi reactor*

UF *rsi avogadro reactor*

*BT1 *enriched uranium reactors*

*BT1 *pool type reactors*

*BT1 *research reactors*

*BT1 *thermal reactors*

AVOIDANCE

Limited to living systems.

BT1 *behavior*

RT *conditioned reflexes*

AVR REACTOR

Juelich, Federal Republic of Germany.

UF *arbeitsgemeinschaft versuchsreaktor*

*BT1 *enriched uranium reactors*

*BT1 *helium cooled reactors*

*BT1 *htgr type reactors*

*BT1 *pebble bed reactors*

*BT1 *power reactors*

*BT1 *thermal reactors*

*BT1 *thorium reactors*

AWARDS

INIS: 2000-04-12; ETDE: 1981-01-27

Recognition of outstanding achievement or performance.

UF *enrico fermi award*

UF *ernest orlando lawrence award*

AWAY-FROM-REACTOR STORAGE

INIS: 1980-04-02; ETDE: 1979-05-02

UF *afr storage*

*BT1 *spent fuel storage*

RT *after-heat*

RT *closed fuel cycle*

RT *dry storage*

RT *fuel storage pools*

RT *waste transportation*

axerophthol

USE *vitamin a*

AXIAL RATIO

BT1 *dimensionless numbers*

RT *crystal structure*

AXIAL SYMMETRY

BT1 *symmetry*

RT *kerr field*

RT *rotational invariance*

AXIAL-VECTOR CURRENTS

*BT1 *algebraic currents*

RT *pcac theory*

RT *v-a theory*

RT *vector currents*

AXIAL VECTOR MESONS

INIS: 1995-08-07; ETDE: 1988-01-25

Mesons with spin and parity 1+.

UF *pseudovector mesons*

*BT1 *mesons*

NT1 *a1-1260 mesons*

NT1 *b1-1235 mesons*

NT1 *chi b1-9890 mesons*

NT1 *chi1-3510 mesons*

NT1 *d s-2536 mesons*

NT1 *d1-2420 mesons*

NT1 *f1-1285 mesons*

NT1 *f1-1420 mesons*

NT1 *f1-1510 mesons*

NT1 *h1-1170 mesons*

NT1 *k1-1270 mesons*

NT1 *k1-1400 mesons*

AXIOMATIC FIELD THEORY

INIS: 1977-11-21; ETDE: 1978-03-08

UF *axiomatic s-matrix theory*

UF *general quantum field theory*

UF *non lagrangian quantum field theory*

*BT1 *quantum field theory*

NT1 *algebraic field theory*

NT1 *lsz theory*

NT1 *wightman field theory*

axiomatic s-matrix theory

INIS: 1977-11-21; ETDE: 1978-03-08

USE *axiomatic field theory*

AXIONS

INIS: 1978-08-14; ETDE: 1978-10-19

*BT1 *goldstone bosons*

axolotl

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE *salamanders*

axons

USE *nerve cells*

AZAARENES

INIS: 1994-06-27; ETDE: 1983-02-09

Group of heterocycles, which contain one nitrogen atom instead of carbon in the structure of one of the aromatic rings.

UF *polycyclic nitrogen heterocycles*

*BT1 *aromatics*

*BT1 *heterocyclic compounds*

*BT1 *organic nitrogen compounds*

NT1 *acridines*

NT2 *acridine orange*

NT2 *flavines*

NT3 *acriflavine*

NT3 *proflavine*

NT1 *carbazoles*

NT1 *indoles*

NT2 *indigo*

NT2 *indocyanine green*

NT2 *lysergic acid*

NT2 *reserpine*

NT2 *strychnine*

NT2 *tryptamines*

NT3 *melatonin*

NT3 *serotonin*

NT4 bufotenine
NT2 tryptophan
NT2 vinblastine
NT1 phenanthrolines
NT2 ferroin
NT2 phenanthroline-ortho
NT1 pteridines
NT2 aminopterin
NT2 folic acid
NT1 purines
NT2 adenines
NT3 kinetin
NT2 guanine
NT2 guanosine
NT2 hypoxanthine
NT2 inosine
NT2 mercaptopurine
NT2 xanthines
NT3 caffeine
NT3 theobromine
NT3 theophylline
NT3 uric acid
NT1 quinolines
NT2 ferron
NT2 oxine
NT2 quinaldine
RT polycyclic aromatic hydrocarbons

azaguanine

ETDE: 1981-04-20

(Prior to April 1994, this was a valid ETDE descriptor.)

USE antimetabolites

AZBEL-KANER RESONANCE

A type of cyclotron resonance in high-purity metals at liquid helium temperature.

*BT1 cyclotron resonance

RT metals

AZEOTROPE

RT boiling points

RT distillation

AZERBAIJAN

INIS: 1997-08-20; ETDE: 1993-04-08

(Until January 1993, this was indexed by USSR.)

SF soviet union

SF union of soviet socialist republics

SF ussr

BT1 asia

RT caspian sea

RT caucasus

AZGIR TEST SITE

1999-01-25

BT1 nuclear test sites

RT nuclear explosions

RT nuclear weapons

AZIDES

For inorganic compounds only. For organic azides, use AZIDO COMPOUNDS.

BT1 nitrogen compounds

RT azido compounds

RT hydrazoic acid

AZIDO COMPOUNDS

*BT1 organic nitrogen compounds

RT azides

azimuth

INIS: 2000-04-12; ETDE: 1975-12-16

(Prior to February 1997 this was a valid ETDE descriptor.)

SEE coordinates

SEE orientation

SEE space dependence

azimuthal pinch devices (linear)

USE linear theta pinch devices

AZINES

Compounds that contain a six-membered heterocyclic ring containing one or more nitrogen atoms.

*BT1 heterocyclic compounds

*BT1 organic nitrogen compounds

NT1 phenothiazines

NT2 chlorpromazine

NT2 methylene blue

NT1 pyrazines

NT2 phenazine

NT2 piperazines

NT1 pyridazines

NT2 phthalazines

NT3 luminol

NT1 pyridines

NT2 acridines

NT3 acridine orange

NT3 flavines

NT4 acriflavine

NT4 proflavine

NT2 bipyridines

NT2 nicotinamide

NT2 nicotine

NT2 nicotinic acid

NT2 picolines

NT3 picolinic acid

NT2 piperidines

NT3 dipyridamole

NT3 pethidine

NT3 triacetoneamine-n-oxyl

NT2 pyridine

NT2 pyridinium compounds

NT2 pyridoxal

NT2 pyridoxine

NT2 pyridoxylideneglutamate

NT2 pyridylazonaphthol

NT2 pyridylazoresorcinol

NT2 quinolines

NT3 ferron

NT3 oxine

NT3 quinaldine

NT1 pyrimidines

NT2 alloxan

NT2 barbiturates

NT3 nembutal

NT3 phenobarbital

NT2 cytidine

NT2 cytosine

NT2 deoxycytidine

NT2 thiamine

NT2 thymidine

NT3 fluorothymidine

NT2 uracils

NT3 bromouracils

NT4 budr

NT3 chlorouracils

NT3 deoxyuridine

NT3 fluorouracils

NT4 fudr

NT3 iodouracils

NT4 iododeoxyuridine

NT3 orotic acid

NT3 thiouracil

NT3 thymine

NT3 uridine

NT1 triazines

NT2 cyanurates

NT2 melamine

AZO COMPOUNDS

UF cycasin

*BT1 organic nitrogen compounds

NT1 arsenazo

NT1 azo dyes

NT2 eriochrome dyes

NT2 evans blue

NT2 methyl orange

NT2 methyl red

NT2 toluidine blue

NT2 trypan blue

AZO DYES

1996-10-22

UF acid chrome dyes

UF beryllon

UF congo red

UF dsnadns

UF erioglaucine

*BT1 azo compounds

BT1 dyes

NT1 eriochrome dyes

NT1 evans blue

NT1 methyl orange

NT1 methyl red

NT1 toluidine blue

NT1 trypan blue

RT diazo compounds

AZOLES

Compounds that contain a five-membered heterocyclic ring containing one or more nitrogen atoms.

*BT1 heterocyclic compounds

*BT1 organic nitrogen compounds

NT1 carbazoles

NT1 imidazoles

NT2 allantoin

NT2 benzimidazoles

NT2 biotin

NT2 creatinine

NT2 histamine

NT2 histidine

NT2 hydantoins

NT2 metronidazole

NT2 misonidazole

NT2 urocanic acid

NT1 oxadiazoles

NT1 oxazoles

NT2 benzoxazoles

NT2 popop

NT1 pyrazoles

NT2 indazoles

NT2 pyrazolines

NT3 antipyrine

NT1 pyrroles

NT2 bilirubin

NT2 indoles

NT3 indigo

NT3 indocyanine green

NT3 lysergic acid

NT3 reserpine

NT3 strychnine

NT3 tryptamines

NT4 melatonin

NT4 serotonin

NT5 bufotenine

NT3 tryptophan

NT3 vinblastine

NT2 pyrrolidines

NT3 hydroxyproline

NT3 nicotine

NT3 proline

NT2 pyrrolidones

NT3 pvp

NT1 tetrazoles

NT2 tetrazolium

NT1 thiadiazoles

NT1 thiazoles

NT2 benzothiazoles

NT2 saccharin

NT2 thiamine

NT1 triazoles

azolla

INIS: 1993-05-28; ETDE: 2002-06-07

USE aquatic organisms

USE ferns

azomide

INIS: 1988-06-22; ETDE: 1988-07-15
USE hydrazoic acid

AZORES ISLANDS

2000-04-12
BT1 islands
*BT1 portugal

AZOTOBACTER

*BT1 bacteria

AZULENE

*BT1 polycyclic aromatic hydrocarbons

b-1235 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE b1-1235 mesons

B ANTIQUARKS

2007-06-26
*BT1 antiquarks
*BT1 b quarks

B C MESONS

1998-12-15
*BT1 beauty mesons
*BT1 charmed mesons
*BT1 pseudoscalar mesons
RT quarkonium

b centers

2000-04-12
(Prior to September 1994, this was a valid ETDE descriptor.)
USE color centers

B CODES

BT1 computer codes

B MESONS

INIS: 1995-08-07; ETDE: 1984-06-29
The 'Bottom' or 'Beauty' meson with mass approx. 5270 MeV.
*BT1 beauty mesons
*BT1 pseudoscalar mesons
NT1 b minus mesons
NT1 b neutral mesons
NT2 anti-b neutral mesons
NT1 b plus mesons

B MINUS MESONS

INIS: 1987-12-21; ETDE: 1988-02-19
*BT1 b mesons

B NEUTRAL MESONS

INIS: 1987-12-21; ETDE: 1988-02-19
*BT1 b mesons
NT1 anti-b neutral mesons

B PLUS MESONS

INIS: 1987-12-21; ETDE: 1988-02-19
*BT1 b mesons

B QUARKS

INIS: 1995-09-08; ETDE: 1995-10-03
*BT1 beauty particles
*BT1 quarks
NT1 b antiquarks
RT bottomonium

B S MESONS

1995-07-17
*BT1 beauty mesons
*BT1 pseudoscalar mesons
*BT1 strange mesons

B*-5325 MESONS

INIS: 1995-08-07; ETDE: 1988-02-02
*BT1 beauty mesons
*BT1 vector mesons

B1-1235 MESONS

INIS: 1987-12-21; ETDE: 1988-01-28
(Prior to December 1987 this concept was indexed by B-1235RESONANCES.)
UF b-1235 resonances
*BT1 axial vector mesons

BABCOCK AND WILCOX-DUPONT PROCESS

INIS: 2000-04-12; ETDE: 1977-05-07
Entrained oxygen-blown coal gasification system, utilizing a design to remove bulk of slag from ash and to cool remainder by passage through a water-wall chamber above the coal feed point, is capable of operation at elevated pressures and designed to tolerate molten coal ash.
*BT1 coal gasification
RT entrainment

babcock and wilcox lpr reactor

2000-04-12
USE lpr reactor

babcock and wilcox standard reactor

1993-11-04
USE bw standard reactor

babcock and wilcox test reactor

1993-11-04
USE bawtr reactor

BABESIDAE

*BT1 sporozoa
RT erythrocytes

BABOONS

1985-12-11
(Prior to 1986 APES was used for this concept.)
*BT1 monkeys

BACA GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1981-01-09
BT1 geothermal fields
RT geothermal hot-water systems
RT new mexico

bach-tamaid theory

1996-06-26
(Until June 1996 this was a valid descriptor.)
SEE particle structure

BACILLUS

UF *ferrobacillus ferrooxidans*
*BT1 bacteria
NT1 bacillus cereus
NT1 bacillus licheniformis
NT1 bacillus megaterium
NT1 bacillus subtilis
NT1 thiobacillus ferrooxidans
NT1 thiobacillus oxidans

BACILLUS CEREUS

*BT1 bacillus

BACILLUS LICHENIFORMIS

INIS: 1993-07-13; ETDE: 1986-01-14
*BT1 bacillus
RT microbial eor

BACILLUS MEGATERIUM

1975-12-19
*BT1 bacillus

BACILLUS SUBTILIS

*BT1 bacillus

BACK CONTACT SOLAR CELLS

INIS: 1992-05-28; ETDE: 1980-06-06
*BT1 solar cells

BACKBENDING

INIS: 1977-03-01; ETDE: 1977-04-12
The sudden increase of the moment of inertia of deformed nuclei at a critical angular momentum.
RT angular momentum
RT coriolis force
RT deformed nuclei
RT high spin states
RT moment of inertia
RT nuclear structure
RT rotation
RT rotational states
RT vmi model
RT yrast states

BACKFILLING

INIS: 1983-10-14; ETDE: 1976-02-19
RT coal mines
RT land reclamation
RT mines
RT radioactive waste disposal
RT radionuclide migration
RT stowing
RT underground disposal
RT waste-rock interactions

backfitting

INIS: 1979-04-27; ETDE: 2002-06-13
USE retrofitting

BACKGROUND NOISE

BT1 noise
RT radio noise

BACKGROUND RADIATION

UF *terrestrial background*
BT1 radiations
RT cosmic radiation
RT natural radioactivity
RT relict radiation

backlund transformation

INIS: 1984-04-04; ETDE: 2002-06-13
USE baecklund transformation

BACKSCATTERING

BT1 scattering
RT albedo-neutron dosimeters
RT angular distribution
RT reflection
RT rutherford backscattering spectroscopy

BACKWARD WAVE TUBES

*BT1 microwave tubes

bacon

USE meat

BACTERIA

1997-06-17
UF *cells (bacterial)*
BT1 microorganisms
NT1 actinomyces
NT2 frankia
NT1 aerobacter
NT1 aeromonas
NT1 azotobacter
NT1 bacillus
NT2 bacillus cereus
NT2 bacillus licheniformis
NT2 bacillus megaterium
NT2 bacillus subtilis
NT2 thiobacillus ferrooxidans
NT2 thiobacillus oxidans
NT1 brucella
NT1 clostridium
NT2 clostridium acetobutylicum
NT2 clostridium botulinum
NT2 clostridium butyricum

NT2 clostridium perfringens
 NT2 clostridium thermocellum
 NT2 clostridium thermosaccharolyticum

NT1 coliforms
 NT1 corynebacterium fascians
 NT1 corynebacterium parvum
 NT1 escherichia coli
 NT1 haemophilus
 NT1 klebsiella
 NT1 lactobacillus
 NT1 legionella anisa
 NT1 legionella pneumophila
 NT1 meningococcus
 NT1 methanogenic bacteria
 NT2 clostridium acetobutylicum
 NT1 methanotrophic bacteria
 NT1 micrococcus
 NT2 micrococcus luteus
 NT2 micrococcus lysodeicticus
 NT2 micrococcus radiodurans
 NT1 mycobacterium
 NT2 mycobacterium tuberculosis
 NT1 nocardia
 NT1 photosynthetic bacteria
 NT2 rhodospseudomonas
 NT2 rhodospirillum
 NT1 pneumococcus
 NT1 proteus
 NT1 pseudomonas
 NT1 rhizobium
 NT1 salmonella
 NT2 salmonella typhimurium

NT1 serratia
 NT1 shigella
 NT1 spirochaetes
 NT1 staphylococcus
 NT1 streptococcus
 NT1 streptomyces
 NT1 sulfate-reducing bacteria
 NT2 desulfovibrio
 NT1 sulfur-oxidizing bacteria
 NT2 rhodococcus
 NT2 thiobacillus ferrooxidans
 NT2 thiobacillus oxidans
 NT1 thermoactinomyces
 NT1 zymomonas mobilis
 RT bacterial diseases
 RT bacterial spores
 RT bacteriophages
 RT disinfectants
 RT endotoxins
 RT germ-free animals
 RT germicides
 RT host-cell reactivation
 RT infectivity
 RT mycoplasma
 RT nitrogen fixation
 RT plankton
 RT toxins
 RT vaccines

BACTERIAL DISEASES

INIS: 1996-07-18; ETDE: 1981-01-12

UF paratyphoid
 *BT1 infectious diseases
 NT1 cholera
 NT1 diphtheria
 NT1 gonorrhea
 NT1 leprosy
 NT1 syphilis
 NT1 tetanus
 NT1 tuberculosis
 NT1 typhoid
 RT antibiotics
 RT bacteria
 RT legionella anisa
 RT legionella pneumophila

BACTERIAL SPORES

BT1 spores

RT bacteria
 RT preservation
 RT sterilization

bactericides

INIS: 2000-04-12; ETDE: 1980-03-04
 USE germicides

BACTERIOPHAGES

1997-06-17
 UF phages
 *BT1 viruses
 RT bacteria
 RT cosmids
 RT host-cell reactivation
 RT plaque formation

BADDELEYITE

*BT1 oxide minerals
 *BT1 radioactive minerals
 RT caldasite
 RT hafnium oxides
 RT zirconium oxides

BAECKLUND TRANSFORMATION

1980-05-14
 UF backlund transformation
 BT1 transformations
 RT nonlinear problems
 RT solitons

baer walls

INIS: 2000-04-12; ETDE: 1979-02-27
 USE drum walls

BAFFLED TUBES

BT1 tubes
 RT baffles

BAFFLES

INIS: 1985-12-10; ETDE: 1976-11-17
Plates that regulate the flow of a fluid, e.g. in heat exchangers.
 *BT1 flow regulators
 RT baffled tubes
 RT diffusers
 RT fluid flow

BAG MODEL

INIS: 1976-03-02; ETDE: 1975-11-28
A relativistic particle model in which some hadronic fields are confined within a finite region of space by the action of a uniform phenomenological external pressure.
 UF quark confinement
 *BT1 extended particle model
 *BT1 quark model
 RT quantum chromodynamics

BAGASSE

INIS: 1999-07-07; ETDE: 1976-01-23
 *BT1 agricultural wastes
 RT cellulose

baghdad wwr-s reactor

INIS: 1984-06-21; ETDE: 2002-06-13
 USE irt-baghdad reactor

BAGHOUSES

INIS: 1991-09-19; ETDE: 1978-03-03
A structure for holding bag filters for removing suspended dusts and fumes from airstreams.
 *BT1 pollution control equipment
 RT air pollution control
 RT fabric filters

BAHAMA ISLANDS

BT1 developing countries
 *BT1 west indies
 RT atlantic ocean

BAHRAIN

INIS: 1982-12-03; ETDE: 1976-10-13
 BT1 arab countries
 BT1 asia
 BT1 developing countries
 BT1 islands
 BT1 middle east
 RT oapec

baikal neutrino experiment

2016-12-12
 USE baikal neutrino telescope

BAIKAL NEUTRINO TELESCOPE

2016-12-12
Located at a distance of 3.5 km from the shore at a depth of 1100 m in the south part of lake Baikal in Siberia, Russia.
 UF baikal neutrino experiment
 *BT1 neutrino detectors

baillie process

INIS: 2000-04-12; ETDE: 1976-07-07
Fluidized-bed pyrolysis process using air for conversion of municipal solid waste into intermediate btu gas.
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE waste processing

BAILLY-1 REACTOR

Northern Indiana Public Service Co.,
 Baillytown, Indiana, USA. Canceled in 1981 before construction began.
 *BT1 bwr type reactors

BAINITE

RT martensite
 RT steels

BAKELITE

*BT1 plastics
 RT formaldehyde
 RT phenols
 RT resins

BAKING

BT1 heating

baking (food)

INIS: 1984-04-04; ETDE: 2002-06-13
 USE food processing

bal (british anti-lewisite)

ETDE: 2005-02-01
 (Prior to January 2005 BAL was a valid descriptor.)
 USE dimercaprol

BALAKOVO-1 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
 *BT1 wwer type reactors

BALAKOVO-2 REACTOR

INIS: 1986-12-09; ETDE: 1987-02-24
 *BT1 wwer type reactors

BALAKOVO-3 REACTOR

1998-10-21
 *BT1 wwer type reactors

BALAKOVO-4 REACTOR

2002-08-13
 *BT1 wwer type reactors

balance (energy)

USE energy balance

balance (mass)

USE mass balance

balance of power

INIS: 2000-04-12; ETDE: 1986-02-03
(Prior to February 1997 this was a valid ETDE descriptor.)
USE international relations

BALANCES

*BT1 weight indicators
NT1 microbalances

balances (magnetic)

USE magnetic balances

balescu theory

USE prigogine theorem

BALL BEARINGS

BT1 bearings

BALL LIGHTNING

*BT1 lightning

BALLASTS

INIS: 2000-04-12; ETDE: 1979-02-23
Devices that limit the current of fluorescent or mercury lamps to the required value for proper operation.
RT fluorescent lamps
RT lighting systems

BALLISTIC MISSILE DEFENSE

INIS: 1994-09-08; ETDE: 1984-11-29
UF strategic defense initiative
BT1 national defense
RT directed-energy weapons
RT national security
RT nuclear weapons
RT space weapons

BALLOONING INSTABILITY

INIS: 1979-05-28; ETDE: 1979-08-07
*BT1 plasma macroinstabilities

BALLOONS

1999-01-25
BT1 aircraft

BALMER LINES

Includes all aspects of the transitions associated with balmer lines.
UF balmer spectra
UF h-alpha line
UF h-beta line
UF h-gamma line
RT hydrogen
RT rydberg correction
RT spectra

balmer spectra

USE balmer lines

BALNEOLOGY

The science of the healing qualities of baths, esp. with natural mineral waters.
BT1 medicine
RT therapy
RT water

BALTIC SEA

*BT1 seas

BALTIMORE CANYON

INIS: 2000-04-12; ETDE: 1978-12-11
Depression off Middle Atlantic States.
*BT1 atlantic ocean

bamag process

INIS: 2000-04-12; ETDE: 1977-04-12
German process uses a proprietary catalyst to reduce sulfur dioxide to elemental sulfur using a medium btu town gas derived from a coking process and consisting of hydrogen, methane and carbon monoxide.
(Prior to September 1994, this was a valid ETDE descriptor.)
USE waste processing

BAMBOO

INIS: 1991-12-16; ETDE: 1985-11-19
*BT1 gramineae

bambp

1996-06-26
Butyl-alpha-methylbenzylphenol.
(Until June 1996 this was a valid descriptor.)
USE phenols

BANACH SPACE

*BT1 mathematical space
NT1 hilbert space
RT vectors

BANANA PLANTS

INIS: 1975-12-09; ETDE: 1976-01-26
*BT1 liliopsida
RT bananas
RT fruit trees

BANANA REGIME

A specific mechanism of particle trapping in toroidal devices.
BT1 trapping
RT neoclassical transport theory
RT stellarators
RT tokamak devices
RT toroidal pinch devices
RT trapped-particle instability

BANANAS

*BT1 fruits
RT banana plants
RT fruit trees

BAND THEORY

RT brillouin zones
RT density of states
RT electronic structure
RT energy gap
RT energy-level transitions
RT fermi level
RT graded band gaps
RT hubbard model
RT wigner-seitz method

BANDING TECHNIQUES

INIS: 1978-04-21; ETDE: 1978-07-06
Techniques for making chromosomal aberrations visible.
BT1 cytological techniques
RT biological localization
RT chromosomal aberrations
RT chromosomes
RT genetic mapping
RT human chromosomes
RT stains

baneberry event

1994-10-13
A test made during OPERATION EMERY.
(Prior to September 1994, this was a valid ETDE descriptor.)
USE nuclear explosions
USE underground explosions

BANGKOK TREATY

1999-01-26
Treaty for the prohibition of nuclear weapons in South-East Asia.
BT1 treaties
RT arms control
RT nuclear weapons

BANGLADESH

UF east pakistan
UF pakistan (east)
BT1 asia
BT1 developing countries
RT ganga river

BANGLADESH ORGANIZATIONS

INIS: 1983-07-15; ETDE: 1983-09-15
BT1 national organizations

bank accounts

INIS: 2000-04-12; ETDE: 1983-05-21
SEE financing

banks

INIS: 2000-04-12; ETDE: 1981-01-09
USE commercial buildings

banon event

INIS: 2000-04-12; ETDE: 1977-06-21
USE anvil project

BARBADOS

INIS: 1992-06-12; ETDE: 1979-12-10
*BT1 lesser antilles

BARBITURATES

1996-10-23
(Prior to August 1996 AMYTAL was a valid ETDE descriptor.)
UF amobarbital
UF amytal
UF barbituric acid
UF pentothal
UF thiopental
*BT1 anesthetics
*BT1 hypnotics and sedatives
*BT1 organic oxygen compounds
*BT1 pyrimidines
NT1 nembutal
NT1 phenobarbital

barbituric acid

USE barbiturates

BARC

UF bhabha atomic research center
*BT1 indian organizations
RT brahmma facility

barcelona argonaut reactor

USE argos reactor

bardeen-cooper-schrieffer theory

USE bcs theory

BARGES

INIS: 1992-05-08; ETDE: 1977-01-10
RT navigation
RT ships
RT transport

BARITE

A white, yellow, or colorless orthorhombic mineral.
*BT1 sulfate minerals
RT barium sulfates

BARIUM

*BT1 alkaline earth metals

BARIUM 114

1995-06-29
*BT1 barium isotopes

- *BT1 beta-plus decay radioisotopes
- *BT1 carbon 12 decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

BARIUM 115*1995-06-29*

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

BARIUM 116*1995-06-29*

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

BARIUM 117*INIS: 1977-06-14; ETDE: 1976-01-07*

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

BARIUM 118*1995-06-29*

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

BARIUM 119

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

BARIUM 120

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

BARIUM 121

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

BARIUM 122

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes

BARIUM 123

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes

BARIUM 124

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes

BARIUM 125

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes

BARIUM 126

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei

BARIUM 127

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 seconds living radioisotopes

BARIUM 127 TARGET*INIS: 1992-09-22; ETDE: 1977-05-07*
BT1 targets**BARIUM 128**

- *BT1 barium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei

BARIUM 129

- *BT1 barium isotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei

BARIUM 130

- *BT1 barium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes

BARIUM 130 TARGET*ETDE: 1976-07-09*
BT1 targets**BARIUM 131**

- *BT1 barium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes

BARIUM 132

- *BT1 barium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes

BARIUM 133

- *BT1 barium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes

- *BT1 isomeric transition isotopes
- *BT1 years living radioisotopes

BARIUM 134

- *BT1 barium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes

BARIUM 134 TARGET*ETDE: 1976-07-09*
BT1 targets**BARIUM 135**

- *BT1 barium isotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 stable isotopes

BARIUM 135 TARGET*INIS: 1977-04-07; ETDE: 1977-03-04*
BT1 targets**BARIUM 136**

- *BT1 barium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 stable isotopes

BARIUM 136 TARGET*INIS: 1976-02-11; ETDE: 1976-07-12*
BT1 targets**BARIUM 137**

- *BT1 barium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 stable isotopes

BARIUM 137 TARGET*INIS: 1977-04-07; ETDE: 1977-06-02*
BT1 targets**BARIUM 138**

- *BT1 barium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 stable isotopes

BARIUM 138 TARGET*ETDE: 1976-07-09*
BT1 targets**BARIUM 139**

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei

BARIUM 139 TARGET*INIS: 1975-10-23; ETDE: 1976-07-09*
BT1 targets**BARIUM 140**

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei

BARIUM 141

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei

- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes

BARIUM 142

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes

BARIUM 143

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

BARIUM 144

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

BARIUM 145

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

BARIUM 146

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

BARIUM 147

INIS: 1977-06-13; ETDE: 1977-10-19

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

BARIUM 148

INIS: 1977-06-13; ETDE: 1976-03-25

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

BARIUM 149

1986-01-21

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

BARIUM 150

2007-09-26

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

BARIUM 151

2007-09-26

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

BARIUM 152

2007-09-26

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei

BARIUM 153

2007-09-26

- *BT1 barium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

BARIUM ADDITIONS

Alloys containing not more than 1% Ba are listed here.

- *BT1 barium alloys

BARIUM ALLOYS

Alloys containing more than 1% Ba.

- BT1 alloys
- NT1 barium additions
- NT1 barium base alloys

BARIUM BASE ALLOYS

- *BT1 barium alloys

BARIUM BORIDES

- *BT1 barium compounds
- *BT1 borides

BARIUM BROMIDES

- *BT1 barium halides
- *BT1 bromides

BARIUM CARBIDES

- *BT1 barium compounds
- *BT1 carbides

BARIUM CARBONATES

- *BT1 barium compounds
- *BT1 carbonates

BARIUM CHLORIDES

- *BT1 barium halides
- *BT1 chlorides

BARIUM COMPLEXES

- *BT1 alkaline earth metal complexes

BARIUM COMPOUNDS

- BT1 alkaline earth metal compounds
- NT1 barium borides
- NT1 barium carbides
- NT1 barium carbonates
- NT1 barium halides
- NT2 barium bromides
- NT2 barium chlorides
- NT2 barium fluorides
- NT2 barium iodides
- NT1 barium hydrides
- NT1 barium hydroxides
- NT1 barium nitrates
- NT1 barium nitrides
- NT1 barium oxides
- NT1 barium perchlorates
- NT1 barium phosphates
- NT1 barium silicates
- NT1 barium sulfates
- NT1 barium sulfides
- NT1 barium tungstates

BARIUM FLUORIDES

- *BT1 barium halides
- *BT1 fluorides

BARIUM HALIDES

2012-07-19

- *BT1 barium compounds
- *BT1 halides
- NT1 barium bromides
- NT1 barium chlorides
- NT1 barium fluorides
- NT1 barium iodides

BARIUM HYDRIDES

- *BT1 barium compounds
- *BT1 hydrides

BARIUM HYDROXIDES

- *BT1 barium compounds
- *BT1 hydroxides

BARIUM IODIDES

- *BT1 barium halides
- *BT1 iodides

BARIUM IONS

- *BT1 ions

BARIUM ISOTOPES

1999-02-01

- *BT1 alkaline earth isotopes
- NT1 barium 114
- NT1 barium 115
- NT1 barium 116
- NT1 barium 117
- NT1 barium 118
- NT1 barium 119
- NT1 barium 120
- NT1 barium 121
- NT1 barium 122
- NT1 barium 123
- NT1 barium 124
- NT1 barium 125
- NT1 barium 126
- NT1 barium 127
- NT1 barium 128
- NT1 barium 129
- NT1 barium 130
- NT1 barium 131
- NT1 barium 132
- NT1 barium 133
- NT1 barium 134
- NT1 barium 135
- NT1 barium 136
- NT1 barium 137
- NT1 barium 138
- NT1 barium 139
- NT1 barium 140
- NT1 barium 141
- NT1 barium 142
- NT1 barium 143
- NT1 barium 144
- NT1 barium 145
- NT1 barium 146
- NT1 barium 147
- NT1 barium 148
- NT1 barium 149
- NT1 barium 150
- NT1 barium 151
- NT1 barium 152
- NT1 barium 153

BARIUM NITRATES

- *BT1 barium compounds
- *BT1 nitrates

BARIUM NITRIDES

- *BT1 barium compounds
- *BT1 nitrides

BARIUM OXIDES

- *BT1 barium compounds
- *BT1 oxides
- RT billietite
- RT heinrichite
- RT hollandite
- RT oxide minerals

BARIUM PERCHLORATES

INIS: 1983-10-14; ETDE: 1975-11-11

- *BT1 barium compounds
- *BT1 perchlorates

BARIUM PHOSPHATES

- *BT1 barium compounds
- *BT1 phosphates
- RT phosphate minerals

BARIUM SILICATES

- *BT1 barium compounds
- *BT1 silicates

BARIUM SULFATES

1996-11-13

- *BT1 barium compounds
- *BT1 sulfates
- RT barite
- RT sulfate minerals

BARIUM SULFIDES

- *BT1 barium compounds
- *BT1 sulfides

BARIUM TUNGSTATES

INIS: 1978-02-23; ETDE: 1976-03-11

- *BT1 barium compounds
- *BT1 tungstates

BARK

INIS: 1986-07-09; ETDE: 1985-12-11

- BT1 plant tissues
- RT cork
- RT lignin
- RT plant stems
- RT solid fuels
- RT trees
- RT wood wastes

BARLEY

- UF hordeum
- *BT1 cereals

BARN REACTOR

Institute for Atomic Sciences in Agriculture, Wageningen, Netherlands.

- UF wageningen barn reactor
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 test reactors

BARNWELL FUEL PROCESSING PLANT

- *BT1 fuel reprocessing plants

BAROMETERS

- *BT1 pressure gages

barrier layer

INIS: 2000-04-12; ETDE: 1980-03-04

- SEE depletion layer

barriers

1996-04-18

- SEE diffusion barriers
- SEE ventilation barriers

BARSEBAECK-1 REACTOR

Barsebaeck, Malmo, Sweden. Permanent shutdown since November 1999.

- UF sydsvenska kraft ab reactor 1
- *BT1 bwr type reactors

BARSEBAECK-2 REACTOR

INIS: 1978-04-21; ETDE: 1978-07-06

Barsebaeck, Malmo, Sweden. Permanent shutdown since May 2005.

- UF sydsvenska kraft ab reactor 2
- *BT1 bwr type reactors

BARSTOW SOLAR PILOT PLANT

INIS: 2000-04-12; ETDE: 1980-01-24

10-mw solar central receiver pilot plant at Barstow, California.

- UF solar one power plant
- *BT1 pilot plants
- *BT1 tower focus power plants

BARTLESVILLE ENERGY TECHNOLOGY CENTER

INIS: 2000-04-12; ETDE: 1978-10-23

- *BT1 us doe

BARTON-1 REACTOR

Alabama Power and Light, USA. Canceled in 1977 before construction began.

- *BT1 bwr type reactors

BARTON-2 REACTOR

Alabama Power and Light, USA. Canceled in 1977 before construction began.

- *BT1 bwr type reactors

BARTON-3 REACTOR

Alabama Power and Light, USA. Canceled in 1975 before construction began.

- *BT1 bwr type reactors

BARTON-4 REACTOR

Alabama Power and Light, USA. Canceled in 1975 before construction began.

- *BT1 bwr type reactors

BARYON-BARYON INTERACTIONS

(From January 1975 till May 1996

NUCLEON-DEUTERON INTERACTIONS

was a valid ETDE descriptor. The term was

reintroduced in September 2017. In the

interim, PROTON-NEUTRON

INTERACTIONS + PROTON-PROTON

INTERACTIONS was used for this concept.)

- *BT1 hadron-hadron interactions
- NT1 hyperon-hyperon interactions
- NT1 nucleon-antinucleon interactions
- NT2 antiproton-neutron interactions
- NT2 neutron-antineutron interactions
- NT2 proton-antineutron interactions
- NT2 proton-antiproton interactions
- NT1 nucleon-deuteron interactions
- NT2 proton-deuteron interactions
- NT1 nucleon-hyperon interactions
- NT1 nucleon-nucleon interactions
- NT2 neutron-neutron interactions
- NT2 proton-nucleon interactions
- NT3 proton-neutron interactions
- NT3 proton-proton interactions

BARYON DECUPLETS

- *BT1 particle multiplets

BARYON-EXCHANGE MODELS

- *BT1 peripheral models

BARYON NUMBER

- RT baryons
- RT gauge invariance
- RT neutron oscillation

baryon number 2 resonances

INIS: 2000-04-12; ETDE: 1979-02-27

- USE dibaryons

BARYON OCTETS

- *BT1 particle multiplets
- RT octet model

BARYON REACTIONS

- *BT1 hadron reactions
- NT1 hyperon reactions
- NT1 nucleon reactions
- NT2 antinucleon reactions
- NT3 antineutron reactions
- NT3 antiproton reactions
- NT2 neutron reactions
- NT3 fast fission
- NT3 thermal fission
- NT2 proton reactions

baryon resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

- USE baryons

BARYON SPECTROSCOPY

INIS: 1979-01-18; ETDE: 1979-02-23

- BT1 spectroscopy

baryonic matter at the nuclotron

2018-04-20

- USE nica bm@n detector

baryonic matter detector

2018-04-20

- USE nica bm@n detector

BARYONIUM

INIS: 1978-08-14; ETDE: 1978-04-06

Baryonium states, narrow resonances near p-anti p threshold, are mesons that have quantum numbers of a 2 quark-2 antiquark system and couple predominantly to baryon-antibaryon systems.

- *BT1 mesons
- RT baryons
- RT protonium
- RT quarkonium

BARYONS

- UF baryon resonances
- UF d* plus resonances
- UF d* zero resonances
- UF d*resonances
- UF y*resonances
- SF d*effect
- SF d*phenomenon
- BT1 fermions
- *BT1 hadrons
- NT1 antibaryons
- NT2 antihyperons
- NT3 antilambda particles
- NT3 antiomega particles
- NT3 antisigma particles
- NT3 antixi particles
- NT2 antinucleons
- NT3 antineutrons
- NT3 antiprotons
- NT1 beauty baryons
- NT2 lambda b neutral baryons
- NT1 charmed baryons
- NT2 lambda c-2625 baryons
- NT2 lambda c plus baryons
- NT2 omega c neutral baryons
- NT2 sigma c-2455 baryons
- NT2 xi c neutral baryons
- NT2 xi c plus baryons
- NT1 dibaryons
- NT2 dineutrons
- NT2 diprotons
- NT2 lambda-b-n-2130 dibaryons
- NT2 nn-2170 dibaryons
- NT2 nn-2250 dibaryons
- NT1 hyperons
- NT2 antihyperons
- NT3 antilambda particles
- NT3 antiomega particles
- NT3 antisigma particles
- NT3 antixi particles
- NT2 lambda baryons
- NT3 lambda-1405 baryons
- NT3 lambda-1520 baryons
- NT3 lambda-1600 baryons
- NT3 lambda-1670 baryons
- NT3 lambda-1690 baryons
- NT3 lambda-1800 baryons
- NT3 lambda-1810 baryons
- NT3 lambda-1820 baryons
- NT3 lambda-1830 baryons
- NT3 lambda-1890 baryons
- NT3 lambda-2100 baryons
- NT3 lambda-2110 baryons
- NT3 lambda particles
- NT4 antilambda particles
- NT2 lambda-b-n-2130 dibaryons

NT2 omega baryons
NT3 omega-2250 baryons
NT3 omega particles
NT4 antiomega particles
NT4 omega minus particles
NT2 sigma baryons
NT3 sigma-1385 baryons
NT3 sigma-1660 baryons
NT3 sigma-1670 baryons
NT3 sigma-1750 baryons
NT3 sigma-1770 baryons
NT3 sigma-1775 baryons
NT3 sigma-1915 baryons
NT3 sigma-1940 baryons
NT3 sigma-2030 baryons
NT3 sigma-2455 baryons
NT3 sigma particles
NT4 antisigma particles
NT4 sigma minus particles
NT4 sigma neutral particles
NT4 sigma plus particles
NT2 xi baryons
NT3 xi-1530 baryons
NT3 xi-1690 baryons
NT3 xi-1820 baryons
NT3 xi-1950 baryons
NT3 xi-2030 baryons
NT3 xi-2250 baryons
NT3 xi-2500 baryons
NT3 xi particles
NT4 antixi particles
NT4 xi minus particles
NT4 xi neutral particles
NT2 z*baryons
NT1 n*baryons
NT2 delta baryons
NT3 delta-1232 baryons
NT3 delta-1600 baryons
NT3 delta-1620 baryons
NT3 delta-1700 baryons
NT3 delta-1900 baryons
NT3 delta-1905 baryons
NT3 delta-1910 baryons
NT3 delta-1920 baryons
NT3 delta-1930 baryons
NT3 delta-1950 baryons
NT3 delta-2000 baryons
NT3 delta-2150 baryons
NT3 delta-2200 baryons
NT3 delta-2400 baryons
NT3 delta-2420 baryons
NT3 delta-3000 baryons
NT2 n baryons
NT3 n-1440 baryons
NT3 n-1520 baryons
NT3 n-1535 baryons
NT3 n-1650 baryons
NT3 n-1675 baryons
NT3 n-1680 baryons
NT3 n-1700 baryons
NT3 n-1710 baryons
NT3 n-1720 baryons
NT3 n-1960 baryons
NT3 n-1990 baryons
NT3 n-2000 baryons
NT3 n-2080 baryons
NT3 n-2100 baryons
NT3 n-2190 baryons
NT3 n-2250 baryons
NT3 n-3000 baryons
NT1 nucleons
NT2 antinucleons
NT3 antineutrons
NT3 antiprotons
NT2 neutrons
NT3 antineutrons
NT3 beta-delayed neutrons
NT3 cold neutrons
NT4 ultracold neutrons

NT3 cosmic neutrons
NT3 epithermal neutrons
NT3 fast neutrons
NT3 fission neutrons
NT4 delayed neutrons
NT4 prompt neutrons
NT3 intermediate neutrons
NT3 photoneutrons
NT3 pile neutrons
NT3 polyneutrons
NT4 dineutrons
NT4 tetra-neutrons
NT4 trineutrons
NT3 resonance neutrons
NT3 slow neutrons
NT3 solar neutrons
NT3 thermal neutrons
NT2 photonucleons
NT3 photoneutrons
NT3 photoprotons
NT2 protons
NT3 antiprotons
NT3 cosmic protons
NT3 delayed protons
NT3 diprotons
NT3 photoprotons
NT3 prompt protons
NT3 solar protons
NT3 trapped protons
RT baryon number
RT baryonium

BASAL METABOLISM

BT1 metabolism

BASALT

***BT1** volcanic rocks
NT1 diabases
RT feldspars
RT nepheline basalts
RT olivine

BASEBALL DEVICES

***BT1** open plasma devices

BASEBALL SEAM CONFIGURATIONS

***BT1** open configurations

BASEBOARD HEATING

INIS: 2000-04-12; ETDE: 1977-09-19

***BT1** space heating
RT electric heating

basedow's disease

USE hyperthyroidism

BASALINE ECOLOGY

INIS: 1982-12-03; ETDE: 1977-04-12

The ecological situation or studies of that situation which exists at a site or geographical region before some development is made in the area; it provides a basis for evaluating impact of the development.

BT1 ecology
RT geographic information systems
RT site characterization
RT species diversity

BASEMENT ROCK

INIS: 2000-01-21; ETDE: 1981-03-16

Metamorphic or igneous rock underlying the sedimentary sequence.

***BT1** geologic strata
RT igneous rocks
RT metamorphic rocks
RT rocks

BASEMENTS

INIS: 1992-08-25; ETDE: 1984-07-20

The part of a building that is wholly or partly below ground level.

UF cellars
RT buildings
RT floors
RT foundations

BASES

NT1 coal tar bases
NT1 lewis bases
NT1 shale tar bases
RT acid neutralizing capacity
RT anhydrides
RT hydroxides
RT ph value

BASF-1 REACTOR

Ludwigshafen, Federal Republic of Germany.

Plan cancelled in 1976.

UF basf-industriekernkraftwerk reaktor 1
***BT1** pwr type reactors

BASF-2 REACTOR

Ludwigshafen, Federal Republic of Germany.

Plan cancelled 1969.

UF basf-industriekernkraftwerk reaktor 2
***BT1** pwr type reactors

basf-industriekernkraftwerk reaktor 1

1999-03-23

USE basf-1 reactor

basf-industriekernkraftwerk reaktor 2

1993-11-04

USE basf-2 reactor

BASIC

INIS: 1979-01-18; ETDE: 1975-09-11

BT1 programming languages

basic interactions

2017-05-11

USE fundamental interactions

basins (sedimentary)

INIS: 1984-04-04; ETDE: 2002-06-13

USE sedimentary basins

BASOPHILS

***BT1** leukocytes

basophils (connective tissue)

USE mast cells

bass strait

INIS: 2000-04-12; ETDE: 1977-04-12

(Prior to February 1995, this was a valid ETDE descriptor.)

USE australia
USE seas

BASSETITE

2000-04-12

***BT1** uranium minerals

BASTNAESITE

***BT1** oxide minerals
***BT1** thorium minerals
RT thorium oxides

bataan philippine power plant

INIS: 1983-12-01; ETDE: 1984-01-27

USE pnpp-1 reactor

BATCH CULTURE

INIS: 1997-06-19; ETDE: 1978-06-14

RT aerobic digestion
RT anaerobic digestion
RT continuous culture
RT culture media
RT fermentation

RT semibatch culture

BATCH LOADING

BT1 reactor fueling

bates linac mit

INIS: 1977-11-21; ETDE: 1978-03-08

USE mit bates linac

BATHYMETRY

INIS: 1992-06-05; ETDE: 1978-07-06

The measurement of ocean depths and the charting of the topography of the ocean floor.

RT geophysics

RT oceanography

RT seas

BATS

1993-04-29

*BT1 mammals

battelle coal-cleaning process

INIS: 2000-04-12; ETDE: 1975-09-11

USE battelle hydrothermal coal process

BATTELLE COLUMBUS

LABORATORY

INIS: 1977-09-06; ETDE: 1976-11-17

*BT1 us erda

RT ohio

BATTELLE HYDROTHERMAL COAL PROCESS

INIS: 2000-04-12; ETDE: 1975-09-11

A closed-loop leaching process for removal of up to 99% pyritics and 70% organics to produce solid fuel.

UF battelle coal-cleaning process

*BT1 desulfurization

BATTELLE PACIFIC NORTHWEST LABORATORIES

INIS: 1976-10-07; ETDE: 1976-07-07

UF pacific northwest laboratories

UF pnl

*BT1 us doe

*BT1 us erda

RT hanford reservation

RT hapo

battelle research reactor

USE brr reactor

batteries (electric)

USE electric batteries

batteries (isotopic)

USE radioisotope batteries

BATTERY CHARGE STATE

1993-02-04

(Prior to February 1993, this concept in ETDE was indexed to CHARGE STATE.)

UF charge state (batteries)

RT charged particles

RT electric batteries

RT electric charges

RT ions

BATTERY CHARGERS

1992-07-23

*BT1 electrical equipment

NT1 solar battery chargers

RT battery charging

BATTERY CHARGING

1999-08-19

RT battery chargers

BATTERY PASTE

INIS: 2000-04-12; ETDE: 1976-08-04

RT electric batteries

RT electrodes

RT grids

BATTERY SEPARATORS

2000-04-12

RT electric batteries

betyl alcohol

1996-06-26

Also known as octadecyl glyceryl ether- α .

(Until June 1996 this was a valid descriptor.)

USE alcohols

USE ethers

BAUXITE

A ferruginous aluminium hydroxide.

*BT1 aluminium ores

RT aluminium hydroxides

BAWTR REACTOR

Babcock and Wilcox, Lynchburg Research Center, Lynchburg, Virginia, USA. Shut down in 1971.

UF babcock and wilcox test reactor

*BT1 enriched uranium reactors

*BT1 pool type reactors

*BT1 test reactors

*BT1 thermal reactors

BAY OF BISCAY

INIS: 1985-07-23; ETDE: 1981-11-10

UF biscay bay (france, spain)

*BT1 atlantic ocean

*BT1 bays

RT france

RT spain

BAY OF FUNDY

1991-09-19

This bay is presently being considered as the site of a sizeable tidal power plant.

*BT1 atlantic ocean

*BT1 bays

RT canada

BAYARD-ALPERT GAGES

*BT1 ionization gages

bayleyite

1996-06-26

(Until June 1996 this was a valid descriptor.)

USE carbonate minerals

USE uranium minerals

BAYS

1997-06-17

*BT1 coastal waters

NT1 bay of biscay

NT1 bay of fundy

NT1 biscayne bay

NT1 chesapeake bay

NT1 delaware bay

NT1 galveston bay

NT1 matagorda bay

NT1 onslow bay

NT1 prudhoe bay

NT1 sequim bay

bays (magnetic)

INIS: 1984-04-04; ETDE: 2002-06-13

USE magnetic bays

BBGKY EQUATION

UF bbgky hierarchy

UF bbgky theory

UF bogolyubov theory

UF born-bogolyubov-green-kirkwood-yvon

*BT1 differential equations

RT statistical mechanics

bbgky hierarchy

USE bbgky equation

bbgky theory

USE bbgky equation

BCC LATTICES

UF body centered cubic

*BT1 cubic lattices

BCL PROCESS

INIS: 2000-04-12; ETDE: 1985-10-10

A two-stage hydrogenation process in which the primary hydrogenation and the secondary hydrogenation processes are combined with the new slurry dewatering and the deashing and preasphaltene removal processes.

UF brown coal liquefaction process

*BT1 coal liquefaction

BCOCLMCNM

Brussels Convention on Civil Liability for Maritime Carriage of Nuclear Materials.

UF brussels conv liability for maritime carriage nuc mater 1971

UF liability conv maritime carriage nuclear materials

UF marit car liab conv bruss 1971

UF maritime carriage liability conv brussels 1971

*BT1 multilateral agreements

RT civil liability

BCOLONS

Brussels Convention on Liability for Operation of Nuclear Ships.

UF brussels conv liability for operation of nuclear ships

UF liability convention on operation of nuclear ships

UF nuclear ship operation liability convention, brussels

*BT1 multilateral agreements

RT civil liability

RT liabilities

RT nuclear ship visits

RT nuclear ships

bcr process

INIS: 2000-04-12; ETDE: 1977-04-12

USE coal gasification

BCS THEORY

UF bardeen-cooper-schrieffer theory

RT superconductivity

BCSTPC

Brussels Convention - supplement to Paris Convention on Third Party Liability.

UF brussels conv-suppl to paris conv on third party liability

UF liability conv on third party, brussels

UF third party liability convention, brussels

*BT1 multilateral agreements

RT civil liability

RT pcotpl

bdba

2017-03-14

USE beyond-design-basis accidents

BEACON PROCESS

INIS: 2000-04-12; ETDE: 1981-04-17

The beacon process converts low to medium btu gas to a methane-rich high btu gas by two main reactions. In the presence of a catalyst, carbon is deposited by shifting carbon monoxide to carbon dioxide. The deposited carbon and catalyst are active for hydrogenation to methane.

*BT1 coal gasification

RT methanation

RT synthesis gas

BEAD WALLS

INIS: 2000-04-12; ETDE: 1979-02-27

- *BT1 passive solar cooling systems
- *BT1 passive solar heating systems
- BT1 walls
- RT thermal insulation
- RT windows

BEAGLES

- *BT1 dogs

BEAM ACCEPTANCE

- UF acceptance (beam)
- RT beam optics

BEAM ANALYZERS

For momentum analysis of charged particle beams.

- NT1 electrostatic analyzers
- NT1 magnetic analyzers
- RT beam monitors
- RT monochromators

BEAM-BEAM INTERACTIONS

INIS: 1999-03-23; ETDE: 1979-05-25

- RT beam dynamics
- RT beam stacking
- RT colliding beams

BEAM BENDING MAGNETS

- *BT1 magnets
- RT beam optics
- RT magnetic analyzers

beam blowup

INIS: 1984-04-04; ETDE: 2002-06-13

- USE beam dynamics

BEAM BUNCHERS

- RT beam bunching

BEAM BUNCHING

- UF bunching (beam)
- *BT1 beam dynamics
- RT beam bunchers
- RT beam optics
- RT beam shaping

beam choppers

1975-08-26

- USE beam pulsers

BEAM COOLING

INIS: 1982-04-13; ETDE: 1979-05-03

For improving the quality of particle beams.

- NT1 electron cooling
- NT1 stochastic cooling
- NT2 momentum cooling
- RT beam dynamics

BEAM CURRENTS

- UF currents (beam)
- BT1 currents
- NT1 amp beam currents
- NT1 kilo amp beam currents
- NT1 mega amp beam currents
- NT1 micro amp beam currents
- NT1 milli amp beam currents
- NT1 nano amp beam currents
- NT1 pico amp beam currents
- RT beam monitoring
- RT beam monitors
- RT current density
- RT faraday cups

BEAM DUMPS

Mass of shielding material to absorb an accelerator beam after experimental use.

- BT1 accelerator experimental facilities
- RT accelerators

BEAM DYNAMICS

Particle beam motion inside an accelerator.

- UF beam blowup
- UF blowup (particle beams)
- UF dynamics (beam)
- *BT1 dynamics
- NT1 beam bunching
- NT1 betatron oscillations
- NT1 phase oscillations
- NT1 synchrotron oscillations
- RT accelerators
- RT beam-beam interactions
- RT beam cooling
- RT beam optics
- RT beam stacking
- RT negative mass effect
- RT orbit stability
- RT orbits
- RT phase stability
- RT trajectories

BEAM EMITTANCE

- UF beam perveance
- UF emittance (beam)
- RT beam optics
- RT brightness

BEAM EXTRACTION

- UF extraction (beam)
- RT beam optics
- RT kicker magnets
- RT septum magnets

BEAM FOCUSING MAGNETS

- *BT1 magnets
- RT beam optics
- RT quadrupoles

beam-foil spectroscopy

- USE ion spectroscopy

beam-gas spectroscopy

- USE ion spectroscopy

BEAM HOLES

Hole through a reactor for the passage of a beam of radiation for experiments outside the reactor.

- *BT1 reactor channels
- *BT1 reactor experimental facilities

BEAM INJECTION

- UF injection (beams)
- NT1 cluster beam injection
- NT1 electron beam injection
- NT1 ion beam injection
- NT2 molecular ion beam injection
- NT1 neutral atom beam injection
- NT1 plasma beam injection
- NT1 relativistic beam injection
- RT beam injection heating
- RT beam optics
- RT beam production
- RT particle boosters
- RT thermonuclear devices

BEAM INJECTION HEATING

- *BT1 plasma heating
- RT atomic beam sources
- RT beam injection

BEAM LUMINOSITY

Colliding beam interaction rate.

- RT colliding beams
- RT electron cooling
- RT interactions

BEAM MONITORING

- UF monitoring (beam)
- BT1 monitoring
- RT beam currents
- RT beam monitors

- RT beam position
- RT beam profiles
- RT magnetoinduction sensors

BEAM MONITORS

- UF monitors (beam)
- *BT1 monitors
- NT1 beam scanners
- NT1 faraday cups
- NT1 magnetoinduction sensors
- RT beam analyzers
- RT beam currents
- RT beam monitoring
- RT beam position
- RT beam profiles

BEAM NEUTRALIZATION

- UF neutralization (beam)
- RT charge exchange
- RT ionization
- RT particle beams

BEAM OPTICS

- RT alignment
- RT beam acceptance
- RT beam bending magnets
- RT beam bunching
- RT beam dynamics
- RT beam emittance
- RT beam extraction
- RT beam focusing magnets
- RT beam injection
- RT beam shaping
- RT beam splitting
- RT beam transport
- RT chromatic aberrations
- RT collimators
- RT electrostatic lenses
- RT electrostatic mirrors
- RT electrostatic septa
- RT focusing
- RT geometrical aberrations
- RT kicker magnets
- RT monochromators
- RT optical systems
- RT optics
- RT septum magnets

beam perveance

INIS: 2000-04-12; ETDE: 1981-07-06

- USE beam emittance
- USE space charge

BEAM-PLASMA SYSTEMS

- RT beams
- RT pierce instability
- RT plasma
- RT whistler instability

BEAM POSITION

- RT beam monitoring
- RT beam monitors
- RT beam scanners

BEAM PRODUCTION

- UF production (beam)
- RT beam injection

BEAM PROFILES

- UF beam widths
- RT beam monitoring
- RT beam monitors
- RT beam scanners
- RT beam shaping

BEAM PULSERS

1975-09-25

- UF beam choppers
- UF choppers (beam)
- UF pulsed beam deflectors
- NT1 neutron choppers
- RT beam shaping

RT beams
RT pulsed irradiation
RT pulses

BEAM SCANNERS

UF scanners (beam)
*BT1 beam monitors
RT beam position
RT beam profiles

BEAM SEPARATORS

For velocity separation of secondary beams.
RT accelerators

BEAM SHAPING

1975-08-22
RT beam bunching
RT beam optics
RT beam profiles
RT beam pulsers
RT focusing

BEAM SPLITTING

1975-10-09
RT beam optics

BEAM STACKING

RT beam-beam interactions
RT beam dynamics

BEAM STRIPPERS

UF stripper foils
UF strippers
RT atomic beams
RT charge exchange
RT charge states
RT electron loss
RT ion beams

BEAM TRANSPORT

UF laser guidance
UF transport (beam)
RT beam optics

beam widths

USE beam profiles

BEAMS

NT1 antiparticle beams
NT2 antineutrino beams
NT2 antinucleon beams
NT3 antiproton beams
NT1 atomic beams
NT1 cluster beams
NT1 colliding beams
NT1 ion beams
NT2 aluminium 27 beams
NT2 beryllium 9 beams
NT2 bismuth 209 beams
NT2 boron 10 beams
NT2 boron 11 beams
NT2 bromine 79 beams
NT2 calcium 40 beams
NT2 calcium 48 beams
NT2 carbon 12 beams
NT2 carbon 13 beams
NT2 chlorine 35 beams
NT2 chlorine 37 beams
NT2 copper 63 beams
NT2 deuteron beams
NT2 fluorine 19 beams
NT2 gadolinium 155 beams
NT2 germanium 74 beams
NT2 germanium 76 beams
NT2 gold 197 beams
NT2 helium 3 beams
NT2 helium 4 beams
NT3 alpha beams
NT2 hydrogen 1 minus beams
NT2 iodine 127 beams
NT2 iron 56 beams
NT2 iron 58 beams

NT2 krypton 84 beams
NT2 krypton 86 beams
NT2 lanthanum 139 beams
NT2 lead 208 beams
NT2 lithium 6 beams
NT2 lithium 7 beams
NT2 magnesium 24 beams
NT2 magnesium 25 beams
NT2 neon 20 beams
NT2 neon 22 beams
NT2 nickel 58 beams
NT2 nickel 60 beams
NT2 nitrogen 14 beams
NT2 nitrogen 15 beams
NT2 oxygen 16 beams
NT2 oxygen 18 beams
NT2 phosphorus 31 beams
NT2 potassium 39 beams
NT2 potassium 41 beams
NT2 radioactive ion beams
NT3 aluminium 26 beams
NT3 argon 38 beams
NT3 argon 39 beams
NT3 argon 40 beams
NT3 beryllium 10 beams
NT3 beryllium 11 beams
NT3 beryllium 7 beams
NT3 boron 12 beams
NT3 boron 8 beams
NT3 carbon 10 beams
NT3 carbon 11 beams
NT3 carbon 14 beams
NT3 chlorine 39 beams
NT3 helium 6 beams
NT3 helium 8 beams
NT3 lithium 11 beams
NT3 lithium 8 beams
NT3 neon 19 beams
NT3 nitrogen 13 beams
NT3 sulfur 38 beams
NT3 triton beams
NT3 uranium 238 beams
NT2 silicon 28 beams
NT2 silicon 29 beams
NT2 silver 107 beams
NT2 sodium 23 beams
NT2 sulfur 32 beams
NT2 tin 120 beams
NT2 titanium 48 beams
NT2 titanium 50 beams
NT2 tungsten 184 beams
NT2 xenon 129 beams
NT2 xenon 131 beams
NT2 xenon 132 beams
NT2 xenon 136 beams
NT1 molecular beams
NT1 particle beams
NT2 hyperon beams
NT3 lambda particle beams
NT3 sigma particle beams
NT2 lepton beams
NT3 electron beams
NT3 muon beams
NT3 neutrino beams
NT4 antineutrino beams
NT3 positron beams
NT2 meson beams
NT3 eta meson beams
NT3 kaon beams
NT3 pion beams
NT2 nucleon beams
NT3 neutron beams
NT3 proton beams
NT1 photon beams
NT1 polarized beams
NT1 secondary beams
NT2 carbon 11 beams
NT2 helium 8 beams
RT beam-plasma systems

RT beam pulsers
RT stern-gerlach experiment

beams (structural)

INIS: 1983-09-06; ETDE: 1977-08-24
USE structural beams

bean plant

USE phaseolus

BEANS

*BT1 vegetables
NT1 mungbeans
RT phaseolus
RT seeds

BEARINGS

NT1 ball bearings
NT1 gas bearings
NT1 hydrostatic bearings
NT1 journal bearings
NT1 magnetic bearings
NT1 roller bearings
RT bushings
RT lubrication
RT tribology
RT wear

BEARS

INIS: 1993-04-29; ETDE: 1986-07-08
Ursidae.
*BT1 mammals

BEAT WAVE ACCELERATORS

INIS: 1988-02-02; ETDE: 1987-09-03
Laser-driven accelerators using the concept in which two laser beams are superimposed in a plasma, the difference of their frequency being the natural frequency of oscillation of the plasma.
*BT1 linear accelerators
RT laser radiation
RT plasma waves

BEAUFORT SEA

INIS: 1991-09-19; ETDE: 1977-04-12
*BT1 arctic ocean
NT1 prudhoe bay

BEAUTY BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
UF bottom baryons
*BT1 baryons
*BT1 beauty particles
NT1 lambda b neutral baryons

BEAUTY MESONS

INIS: 1995-08-07; ETDE: 1988-02-02
UF bottom mesons
*BT1 beauty particles
*BT1 mesons
NT1 b c mesons
NT1 b mesons
NT2 b minus mesons
NT2 b neutral mesons
NT3 anti-b neutral mesons
NT2 b plus mesons
NT1 b s mesons
NT1 b*-5325 mesons

beauty model

INIS: 1984-04-04; ETDE: 1979-11-07
(Prior to January 1995, this was a valid ETDE descriptor.)
USE flavor model

BEAUTY PARTICLES

INIS: 1995-10-04; ETDE: 1979-04-11
UF bottom particles
BT1 elementary particles
NT1 b quarks
NT2 b antiquarks

NT1 beauty baryons
NT2 lambda b neutral baryons
NT1 beauty mesons
NT2 b c mesons
NT2 b mesons
NT3 b minus mesons
NT3 b neutral mesons
NT4 anti-b neutral mesons
NT3 b plus mesons
NT2 b s mesons
NT2 b*-5325 mesons
RT bottomonium
RT flavor model
RT quark model
RT top particles

BEAVER VALLEY-1 REACTOR

*FirstEnergy Nuclear Operating Co.,
 Shippingport Pennsylvania, USA.*
***BT1** pwr type reactors

BEAVER VALLEY-2 REACTOR

*FirstEnergy Nuclear Operating Co.,
 Shippingport Pennsylvania, USA.*
***BT1** pwr type reactors

beaverlodge

1996-07-16
 (Until July 1996 this was a valid descriptor.)
USE saskatchewan

BEAVERLODGE MINE

INIS: 1975-10-23; ETDE: 1975-12-16
Saskatchewan, Canada.
***BT1** uranium mines
RT saskatchewan

BEAVON PROCESS

2000-04-12
*Process for sulfur removal for purification of
 claus unit tail gas to well below 250 ppm of
 sulfur dioxide; process combines
 hydrogenation, cooling, and wet oxidative
 extraction and yields sulfur by-product.*
***BT1** desulfurization

beck cycle

INIS: 2000-04-12; ETDE: 1980-08-12
SEE lift cycles
SEE mist-lift cycles

becquerel

2012-06-04
See also RADIOACTIVITY RANGE.
USE radiation dose units
USE si units

BECQUERELITE

***BT1** oxide minerals
***BT1** uranium minerals
RT calcium oxides
RT uranium oxides

BEDROCK PROJECT

INIS: 1999-03-23; ETDE: 1976-07-07
UF hushed echo event
UF project bedrock
UF stilton-hushed echo event
***BT1** nuclear explosions
RT contained explosions
RT underground explosions

BEDT-TTF

INIS: 1993-04-13; ETDE: 1985-11-19
UF bisethylenedithiolotetraphthalene
***BT1** heterocyclic compounds
***BT1** organic sulfur compounds
***BT1** organic superconductors

BEECH TREES

INIS: 1991-12-16; ETDE: 1978-09-11
***BT1** magnoliopsida

***BT1** trees

beef

USE meat

beehive coke

INIS: 2000-04-12; ETDE: 1979-09-27
 (Prior to September 1994, this was a valid
 ETDE descriptor.)
USE coke

BEES

INIS: 1993-07-12; ETDE: 1981-04-17
UF apis mellifera
***BT1** hymenoptera

BEETLES

UF weevils
***BT1** coleoptera
NT1 boll weevil
NT1 tribolium

BEETS

***BT1** magnoliopsida
***BT1** vegetables
NT1 sugar beets

BEHAVIOR

Limited to living systems.
SF life styles
SF psychology
SF way of life
NT1 avoidance
RT attitudes
RT biological adaptation
RT central nervous system
RT central nervous system agents
RT central nervous system depressants
RT cerebral cortex
RT competition
RT human factors
RT insect dispersal
RT learning
RT leisure time activities
RT mating
RT mental disorders
RT physiology
RT predator-prey interactions
RT public anxiety
RT reflexes
RT safety culture

BEIJING ELECTRON-POSITRON COLLIDER

INIS: 1992-10-19; ETDE: 1992-11-04
***BT1** linear accelerators
BT1 storage rings

beijing miniature neutron source reactor

2004-03-15
USE mnsr-ciae reactor

BEIJING PROTON LINAC

INIS: 1992-10-19; ETDE: 1992-11-04
***BT1** linear accelerators

BELARUS

INIS: 1997-08-20; ETDE: 1993-03-15
 (Until January 1993, this was indexed by
 BYELORUSSIAN SSR.)
UF byelorussian ssr
SF soviet union
SF union of soviet socialist republics
SF ussr
***BT1** eastern europe

BELGIAN ORGANIZATIONS

INIS: 1980-09-12; ETDE: 1980-10-07
BT1 national organizations

belgian reactor 02

USE br-02 reactor

belgian reactor 1

USE br-1 reactor

belgian reactor 2

USE br-2 reactor

belgian reactor 3

USE br-3 reactor

BELGIUM

1995-04-03
BT1 developed countries
***BT1** western europe
RT oecd

BELIZE

INIS: 1997-04-29; ETDE: 1979-12-10
***BT1** central america
BT1 developing countries

bell inequality

INIS: 1977-10-17; ETDE: 1976-11-17
USE bell theorem

BELL REACTOR

*New York State Electric and Gas, Lake
 Cayuga, New York, USA. Canceled in 1972
 before construction began.*
***BT1** bwr type reactors

BELL THEOREM

INIS: 1977-10-17; ETDE: 1976-11-17
*A theorem proving certain quantum
 mechanical predictions are inconsistent with
 the entire family of local hidden variable
 theories.*
UF bell inequality
RT hidden variables
RT quantum mechanics

BELLEFONTE-1 REACTOR

*TVA, Scottsboro, Alabama, USA. Indefinitely
 deferred.*
***BT1** pwr type reactors

BELLEFONTE-2 REACTOR

*TVA, Scottsboro, Alabama, USA. Indefinitely
 deferred.*
***BT1** pwr type reactors

BELLEVILLE-1 REACTOR

2010-08-17
*Electricite de France, Belleville-sur-Loire /
 Sury-pres-Lere, Cher, France*
 (Prior to August 2010 BELLEVILLE SUR
 LOIRE-1 REACTOR was used for this
 reactor.)
UF belleville sur loire-1 reactor
***BT1** pwr type reactors

BELLEVILLE-2 REACTOR

2010-08-17
*Electricite de France, Belleville-sur-Loire /
 Sury-pres-Lere, Cher, France*
 (Prior to August 2010 BELLEVILLE SUR
 LOIRE-2 REACTOR was used for this
 reactor.)
UF belleville sur loire-2 reactor
***BT1** pwr type reactors

belleville sur loire-1 reactor

INIS: 1984-07-20; ETDE: 1984-09-05
 (Prior to August 2010 this was a valid
 descriptor.)
USE belleville-1 reactor

belleville sur loire-2 reactor

INIS: 1984-07-20; ETDE: 1984-09-05
(Prior to August 2010 this was a valid descriptor.)

USE belleville-2 reactor

BELLOWS

Use only for the expandable structure.
Coordinate with descriptors for the device of which the bellows is a component, e.g., VALVES or BLOWERS.

RT blowers
RT expansion joints
RT pressure gages
RT pumps
RT valves

BELOYARSK-1 REACTOR

Zarechnyy, Sverdlovsk region, Russian Federation. Permanent shutdown since 1983.
Under decommissioning.

UF bnps-1 reactor
SF urals atomic power station
*BT1 enriched uranium reactors
*BT1 lwgr type reactors
*BT1 power reactors
*BT1 thermal reactors

BELOYARSK-2 REACTOR

Zarechnyy, Sverdlovsk region, Russian Federation. Permanent shutdown since 1990.
Under decommissioning.

UF bnps-2 reactor
SF urals atomic power station
*BT1 enriched uranium reactors
*BT1 lwgr type reactors
*BT1 power reactors
*BT1 thermal reactors

BELOYARSK-3 REACTOR

Zarechnyy, Sverdlovsk, Russian Federation.

UF bn-600 reactor
SF urals atomic power station
*BT1 lmfr type reactors
*BT1 power reactors
*BT1 sodium cooled reactors
RT enriched uranium reactors
RT plutonium reactors

BELOYARSK-4 REACTOR

INIS: 1990-01-29; ETDE: 1990-02-13
Zarechnyy, Sverdlovsk, Russian Federation.

UF bn-800 reactor
*BT1 lmfr type reactors
*BT1 power reactors
*BT1 sodium cooled reactors

BELT CONVEYORS

INIS: 1992-07-22; ETDE: 1980-08-12

*BT1 conveyors
RT coal mining
RT mining

BELT PINCH

*BT1 longitudinal pinch

BELYAEV THEORY

RT nuclear structure
RT superconductivity

BENCH-SCALE EXPERIMENTS

1981-05-11

UF laboratory scale experiments
RT demonstration plants
RT feasibility studies
RT field tests
RT laboratory equipment
RT process development units
RT testing

benchmark experiments

INIS: 1979-05-28; ETDE: 2002-06-13
USE benchmarks

BENCHMARKS

INIS: 1979-05-28; ETDE: 1978-09-11
UF benchmark experiments
RT experimental data
RT fiducial markers
RT standardization
RT standards

BENDING

BT1 deformation
RT flexural strength

BENFIELD PROCESS

2000-04-12
Process for removal of carbon dioxide, hydrogen sulfide, and COS from sour natural gas and raw gases produced during manufacture of substitute natural gas by partial oxidation of coal or oil or by naphtha reforming.
*BT1 desulfurization

benham event

1994-10-13
A test made during OPERATION BOWLINE.
(Prior to September 1994, this was a valid ETDE descriptor.)
USE nuclear explosions
USE underground explosions

beni oil

USE sesame oil

BENIN

INIS: 1992-06-04; ETDE: 1981-07-18
UF dahomey
BT1 africa
RT niger river

benioff zone

INIS: 2000-04-12; ETDE: 1985-06-04
A plane dipping beneath the continents along which earthquake foci cluster. It corresponds to the upper surface of a descending plate.
(Prior to February 1995, this was a valid ETDE descriptor.)
USE earthquakes
USE subduction zones

benne oil

USE sesame oil

BENTHOS

INIS: 1999-03-05; ETDE: 1976-07-07
Aquatic bottom dwelling organisms.
BT1 aquatic organisms
NT1 echinoderms
NT2 sea urchins
RT aquatic ecosystems
RT molluscs

BENTONITE

A soft, plastic, porous, light-colored rock consisting largely of colloidal silica and composed essentially of clay minerals (chiefly of the montmorillonite group).
*BT1 clays
*BT1 inorganic ion exchangers
RT montmorillonite

BENZALDEHYDE

UF benzoic aldehyde
*BT1 aldehydes

BENZANTHRACENE

*BT1 polycyclic aromatic hydrocarbons

BENZEDRINE

UF phenylisopropylamine
*BT1 amphetamines

BENZENE

*BT1 aromatics
RT aniline
RT nitrobenzene

benzenedicarboxylic acid-ortho

USE phthalic acid

benzenedicarboxylic acid-para

USE terephthalic acid

BENZHYDROL

UF benzohydrol
UF diphenylcarbinol
UF diphenylmethanol
*BT1 alcohols

BENZIDINE

1996-10-22
UF biphenyldiamine
UF diaminobiphenyl
*BT1 amines
*BT1 aromatics
RT biphenyl

BENZILIC ACID

UF diphenylglycolic acid
UF hydroxydiphenylacetic acid
*BT1 hydroxy acids

BENZIMIDAZOLES

*BT1 imidazoles

benzine

INIS: 2000-04-12; ETDE: 1975-12-17
USE ligroin

BENZOATES

2018-01-24
BT1 carboxylic acid salts
RT benzoic acid

BENZOFURANS

*BT1 furans
RT organic polymers
RT psoralen

benzohydrol

USE benzhydrol

BENZOHYDROXAMIC ACID

*BT1 hydroxamic acids
RT benzoic acid

BENZOIC ACID

1996-10-23
*BT1 monocarboxylic acids
RT benzoates
RT benzohydroxamic acid
RT benzoyl peroxide

benzoic aldehyde

USE benzaldehyde

BENZOINOXIME

*BT1 oximes

BENZOPHENONE

UF diphenyl ketone
*BT1 ketones

benzopinacol

2000-04-12
(Prior to February 1996 this was a valid ETDE descriptor; it was used for the concept TETRAPHENYLETHYLENE GLYCOL.)
USE glycols

BENZOPYRENE

*BT1 polycyclic aromatic hydrocarbons

benzopyrroles

USE indoles

BENZOQUINONES

1996-10-23

(Prior to March 1997 QUINHYDRONE was a valid ETDE descriptor.)

UF chinone

UF quinhydrone

UF quinone

*BT1 quinones

NT1 chloranil

NT1 chloranilic acid

NT1 plastoquinone

NT1 ubiquinone

BENZOTHIAZOLES

*BT1 thiazoles

benzothiophenes

USE thionaphthenes

BENZOXAZOLES

*BT1 oxazoles

BENZOYL PEROXIDE

*BT1 organic oxygen compounds

*BT1 peroxides

RT benzoic acid

BENZOYL RADICALS

BT1 radicals

benzoylaminoacetic acid

USE hippuric acid

BENZOYLATION

*BT1 acylation

benzoylglycine

USE hippuric acid

benzoylglycocoll

USE hippuric acid

benzoylphenylhydroxylamine

USE bph

BENZYL ALCOHOL

1982-02-10

UF phenylcarbinol

*BT1 alcohols

*BT1 aromatics

BENZYL RADICALS

*BT1 aryl radicals

BEPO REACTOR

Under decommissioning.

UF british experimental pile operation

*BT1 air cooled reactors

*BT1 graphite moderated reactors

*BT1 isotope production reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 thermal reactors

BEPPU GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1977-09-19

BT1 geothermal fields

RT japan

BER-2 REACTOR

Hahn-Meitner-Institute fuer Kernforschung GmbH, Berlin, Federal Republic of Germany.

UF berlin-2 research reactor

UF forschungsreaktor berlin-2

*BT1 aqueous homogeneous reactors

*BT1 isotope production reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

bergbauforschung-foster wheeler process

INIS: 2000-04-12; ETDE: 1977-04-12

Dry process using a moving bed of char to adsorb sulfur dioxide, nitrogen oxides, and particulates from flue gas and produce elemental sulfur. Unique features include louvered, moving bed adsorber, hot inert sand for thermal regeneration of char, and utilizing coal to reduce sulfur dioxide to sulfur.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE desulfurization

BERGBAUFORSCHUNG PROCESS

INIS: 2000-04-12; ETDE: 1977-09-19

Sulfur dioxide removal at 120 to 150 degrees C by adsorption on activated cokes with sulfur recovery.

*BT1 desulfurization

RT waste processing

BERGIUS PROCESS

2000-04-12

Catalytic conversion of coal to synthetic crude oil by treatment with hydrogen at elevated pressures and temperatures.

*BT1 coal liquefaction

BERING SEA

*BT1 pacific ocean

RT aleutian islands

berkeley bevalac

INIS: 1976-01-28; ETDE: 1979-05-03

USE bevalac

berkeley escar storage ring

INIS: 1976-02-11; ETDE: 1979-05-09

USE escar storage ring

berkeley nuclear laboratory reactor

2000-04-12

SEE graphite moderated reactors

SEE research reactors

SEE zero power reactors

BERKELEY REACTOR

Berkeley, Gloucestershire, United Kingdom.

BERKELEY-1 and 2 are permanently shut down since 1989 and 1988

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 thermal reactors

berkeley research reactor

2005-05-20

Univ. of California, Berkeley, California, USA.

USE ucbr reactor

berkeley superhilac

USE superhilac

BERKELEY SYNCHROCYCLOTRON

*BT1 synchrocyclotrons

berkeley triga reactor

USE ucbr reactor

BERKELIUM

*BT1 actinides

*BT1 transplutonium elements

BERKELIUM 235

2007-07-10

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 berkelium isotopes

*BT1 electron capture radioisotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

BERKELIUM 236

2007-07-10

*BT1 actinide nuclei

*BT1 berkelium isotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 odd-odd nuclei

BERKELIUM 237

2007-07-10

*BT1 actinide nuclei

*BT1 berkelium isotopes

*BT1 electron capture radioisotopes

*BT1 odd-even nuclei

BERKELIUM 238

2007-07-10

*BT1 actinide nuclei

*BT1 berkelium isotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

BERKELIUM 239

2007-07-10

*BT1 actinide nuclei

*BT1 berkelium isotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

BERKELIUM 240

*BT1 actinide nuclei

*BT1 berkelium isotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

BERKELIUM 241

*BT1 actinide nuclei

*BT1 berkelium isotopes

*BT1 odd-even nuclei

BERKELIUM 242

*BT1 actinide nuclei

*BT1 berkelium isotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 spontaneous fission radioisotopes

BERKELIUM 243

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 berkelium isotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 internal conversion radioisotopes

*BT1 odd-even nuclei

*BT1 spontaneous fission radioisotopes

BERKELIUM 244

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 berkelium isotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 odd-odd nuclei

*BT1 spontaneous fission radioisotopes

BERKELIUM 245

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 berkelium isotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 odd-even nuclei

*BT1 spontaneous fission radioisotopes

BERKELIUM 246

*BT1 actinide nuclei

- *BT1 berkelium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-odd nuclei

BERKELIUM 247

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 berkelium isotopes
- *BT1 odd-even nuclei
- *BT1 years living radioisotopes

BERKELIUM 248

- *BT1 actinide nuclei
- *BT1 berkelium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 odd-odd nuclei

BERKELIUM 249

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 berkelium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes

BERKELIUM 249 TARGET

INIS: 1976-10-07; ETDE: 1976-11-01
BT1 targets

BERKELIUM 250

- *BT1 actinide nuclei
- *BT1 berkelium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 odd-odd nuclei

BERKELIUM 251

- *BT1 actinide nuclei
- *BT1 berkelium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

BERKELIUM 252

2007-07-10
*BT1 actinide nuclei
*BT1 berkelium isotopes
*BT1 beta-minus decay radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei

BERKELIUM 253

2007-07-10
*BT1 actinide nuclei
*BT1 berkelium isotopes
*BT1 beta-minus decay radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei

BERKELIUM 254

2007-07-10
*BT1 actinide nuclei
*BT1 berkelium isotopes
*BT1 beta-minus decay radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei

berkelium additions

2000-04-12
(Prior to August 1993 this was a valid ETDE descriptor.)
USE alloys
USE berkelium compounds

BERKELIUM ALLOYS

INIS: 1979-04-27; ETDE: 1978-10-23
Alloys containing more than 1% Bk.
*BT1 actinide alloys

BERKELIUM ARSENIDES

INIS: 1996-07-16; ETDE: 1978-10-23
(From July 1996 to February 2008
BERKELIUM COMPOUNDS +
ARSENIDES was used for this concept.)
*BT1 arsenides
*BT1 berkelium compounds

BERKELIUM BROMIDES

1997-01-28
(From October 1996 to September 2007
BERKELIUM COMPOUNDS + BROMIDES
was used for this concept.)
*BT1 berkelium halides
*BT1 bromides

BERKELIUM CHLORIDES

- *BT1 berkelium halides
- *BT1 chlorides

BERKELIUM COMPLEXES

- *BT1 actinide complexes
- *BT1 transuranium complexes

BERKELIUM COMPOUNDS

1996-11-13
UF berkelium additions
BT1 actinide compounds
*BT1 transplutonium compounds
NT1 berkelium arsenides
NT1 berkelium halides
NT2 berkelium bromides
NT2 berkelium chlorides
NT2 berkelium fluorides
NT1 berkelium hydrides
NT1 berkelium nitrates
NT1 berkelium nitrides
NT1 berkelium oxides
NT1 berkelium phosphates
NT1 berkelium phosphides
NT1 berkelium selenides
NT1 berkelium sulfates
NT1 berkelium sulfides
NT1 berkelium tellurides

BERKELIUM FLUORIDES

- *BT1 berkelium halides
- *BT1 fluorides

BERKELIUM HALIDES

2012-07-19
*BT1 berkelium compounds
*BT1 halides
NT1 berkelium bromides
NT1 berkelium chlorides
NT1 berkelium fluorides

BERKELIUM HYDRIDES

1997-01-28
(From November 1996 to November 2007
BERKELIUM COMPOUNDS + HYDRIDES
was used for this concept.)
*BT1 berkelium compounds
*BT1 hydrides

BERKELIUM IONS

- *BT1 ions

BERKELIUM ISOTOPES

1999-07-16
BT1 isotopes
NT1 berkelium 235
NT1 berkelium 236
NT1 berkelium 237
NT1 berkelium 238
NT1 berkelium 239
NT1 berkelium 240
NT1 berkelium 241
NT1 berkelium 242
NT1 berkelium 243
NT1 berkelium 244
NT1 berkelium 245

- NT1 berkelium 246
- NT1 berkelium 247
- NT1 berkelium 248
- NT1 berkelium 249
- NT1 berkelium 250
- NT1 berkelium 251
- NT1 berkelium 252
- NT1 berkelium 253
- NT1 berkelium 254

BERKELIUM NITRATES

- *BT1 berkelium compounds
- *BT1 nitrates

BERKELIUM NITRIDES

1997-01-28
(From November 1996 to November 2007
BERKELIUM COMPOUNDS + NITRIDES
was used for this concept.)
*BT1 berkelium compounds
*BT1 nitrides

BERKELIUM OXIDES

- *BT1 berkelium compounds
- *BT1 oxides

BERKELIUM PHOSPHATES

1996-07-16
(From July 1996 to November 2007
BERKELIUM COMPOUNDS +
PHOSPHATES was used for this concept.)
*BT1 berkelium compounds
*BT1 phosphates

BERKELIUM PHOSPHIDES

INIS: 1996-07-16; ETDE: 1978-10-23
(From July 1996 to November 2007
BERKELIUM COMPOUNDS +
PHOSPHIDES was used for this concept.)
*BT1 berkelium compounds
*BT1 phosphides

BERKELIUM SELENIDES

INIS: 1996-07-16; ETDE: 1978-10-23
(From July 1996 to November 2007
BERKELIUM COMPOUNDS + SELENIDES
was used for this concept.)
*BT1 berkelium compounds
*BT1 selenides

BERKELIUM SULFATES

1996-07-16
(From July 1996 to November 2007
BERKELIUM COMPOUNDS + SULFATES
was used for this concept.)
*BT1 berkelium compounds
*BT1 sulfates

BERKELIUM SULFIDES

1996-06-26
(From June 1996 to November 2007
BERKELIUM COMPOUNDS + SULFIDES
was used for this concept.)
*BT1 berkelium compounds
*BT1 sulfides

BERKELIUM TELLURIDES

INIS: 1996-07-16; ETDE: 1978-10-23
(From July 1996 to February 2008
BERKELIUM COMPOUNDS +
TELLURIDES was used for this concept.)
*BT1 berkelium compounds
*BT1 tellurides

berl saddles

- USE column packing

berlin-2 research reactor

- USE ber-2 reactor

berms

INIS: 2000-04-12; ETDE: 1979-09-26
USE earth berms

BERMUDA*INIS: 1984-02-22; ETDE: 1980-06-06*

- BT1 islands
- RT atlantic ocean
- RT united kingdom

BERNOULLI LAW

- RT fluid flow

BERNSTEIN MODE

- BT1 oscillation modes
- RT cyclotron harmonics
- RT ion wave instability
- RT ion waves
- RT plasma heating

BERRIES

- *BT1 fruits
- NT1 blueberries
- NT1 raspberries
- NT1 strawberries

BERYL

- *BT1 silicate minerals
- RT beryllium silicates

beryllia*INIS: 1975-09-01; ETDE: 1979-05-03*

- USE beryllium oxides

BERYLLIOSIS

- *BT1 pneumoconioses
- RT beryllium compounds

BERYLLIUM*1996-07-16*

(Prior to August 1996 BERYLLIUM-ALPHA and BERYLLIUM-BETA were valid ETDE descriptors.)

- UF *beryllium-alpha*
- UF *beryllium-beta*
- UF *beryllium moderators*
- *BT1 alkaline earth metals
- RT moderators

BERYLLIUM 10

- *BT1 beryllium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 years living radioisotopes
- RT beryllium 10 beams

BERYLLIUM 10 BEAMS*2014-04-25*

- *BT1 radioactive ion beams
- RT beryllium 10

BERYLLIUM 10 TARGET*ETDE: 1976-07-09*

- BT1 targets

BERYLLIUM 11

- *BT1 beryllium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 seconds living radioisotopes
- RT beryllium 11 beams

BERYLLIUM 11 BEAMS*2014-04-25*

- *BT1 radioactive ion beams
- RT beryllium 11

BERYLLIUM 11 REACTIONS*1995-03-28*

- *BT1 heavy ion reactions

BERYLLIUM 11 TARGET*INIS: 1979-09-18; ETDE: 1979-10-23*

- BT1 targets

BERYLLIUM 12

- *BT1 beryllium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes

BERYLLIUM 13

- *BT1 beryllium isotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei

BERYLLIUM 14

- *BT1 beryllium isotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes

BERYLLIUM 15*2007-09-26*

- *BT1 beryllium isotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei

BERYLLIUM 16*2007-09-26*

- *BT1 beryllium isotopes
- *BT1 even-even nuclei
- *BT1 light nuclei

BERYLLIUM 5

- *BT1 beryllium isotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei

BERYLLIUM 6

- *BT1 beryllium isotopes
- *BT1 even-even nuclei
- *BT1 light nuclei

BERYLLIUM 6 TARGET*INIS: 1992-09-22; ETDE: 1977-05-07*

- BT1 targets

BERYLLIUM 7

- *BT1 beryllium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- RT beryllium 7 beams
- RT beryllium 7 reactions

BERYLLIUM 7 BEAMS

- *BT1 radioactive ion beams
- RT beryllium 7

BERYLLIUM 7 REACTIONS*INIS: 1984-01-18; ETDE: 1985-10-25*

- *BT1 heavy ion reactions
- RT beryllium 7

BERYLLIUM 7 TARGET*INIS: 1976-11-08; ETDE: 1976-12-16*

- BT1 targets

BERYLLIUM 8

- *BT1 alpha decay radioisotopes
- *BT1 beryllium isotopes
- *BT1 even-even nuclei
- *BT1 light nuclei

BERYLLIUM 8 REACTIONS*INIS: 1983-09-05; ETDE: 1981-01-30*

- *BT1 heavy ion reactions

BERYLLIUM 8 TARGET*INIS: 1979-02-21; ETDE: 1979-03-28*

- BT1 targets

BERYLLIUM 9

- *BT1 beryllium isotopes
- *BT1 even-odd nuclei

- *BT1 light nuclei
- *BT1 stable isotopes
- RT beryllium 9 beams

BERYLLIUM 9 BEAMS

- *BT1 ion beams
- RT beryllium 9

BERYLLIUM 9 REACTIONS

- *BT1 heavy ion reactions

BERYLLIUM 9 TARGET*ETDE: 1976-07-09*

- BT1 targets

BERYLLIUM ADDITIONS

Alloys containing not more than 1% Be are listed here.

- *BT1 beryllium alloys

BERYLLIUM ALLOYS

Alloys containing more than 1% Be.

- BT1 alloys
- NT1 beryllium additions
- NT1 beryllium base alloys
- RT moderators

beryllium-alpha*1996-07-16*

(Until July 1996 this was a valid descriptor.)

- USE beryllium

BERYLLIUM BASE ALLOYS

- *BT1 beryllium alloys

beryllium-beta*1996-07-16*

(Until July 1996 this was a valid descriptor.)

- USE beryllium

BERYLLIUM BORIDES

- *BT1 beryllium compounds
- *BT1 borides

BERYLLIUM BROMIDES

- *BT1 beryllium halides
- *BT1 bromides

BERYLLIUM CARBIDES

- *BT1 beryllium compounds
- *BT1 carbides

BERYLLIUM CARBONATES

- *BT1 beryllium compounds
- *BT1 carbonates

BERYLLIUM CHLORIDES

- *BT1 beryllium halides
- *BT1 chlorides

BERYLLIUM COMPLEXES

- *BT1 alkaline earth metal complexes

BERYLLIUM COMPOUNDS*1997-06-17*

- SF *gadolinite*
- BT1 alkaline earth metal compounds
- NT1 beryllium borides
- NT1 beryllium carbides
- NT1 beryllium carbonates
- NT1 beryllium halides
- NT2 beryllium bromides
- NT2 beryllium chlorides
- NT2 beryllium fluorides
- NT2 beryllium iodides
- NT1 beryllium hydrides
- NT1 beryllium hydroxides
- NT1 beryllium nitrates
- NT1 beryllium nitrides
- NT1 beryllium oxides
- NT1 beryllium phosphates
- NT1 beryllium phosphides
- NT1 beryllium selenides
- NT1 beryllium silicates

NT1 beryllium sulfates
NT1 beryllium sulfides
NT1 beryllium tellurides
RT berylliosis
RT moderators

BERYLLIUM FLUORIDES

*BT1 beryllium halides
 *BT1 fluorides
RT flibe

BERYLLIUM HALIDES

2008-02-07

*BT1 beryllium compounds
 *BT1 halides
NT1 beryllium bromides
NT1 beryllium chlorides
NT1 beryllium fluorides
NT1 beryllium iodides

BERYLLIUM HYDRIDES

*BT1 beryllium compounds
 *BT1 hydrides

BERYLLIUM HYDROXIDES

*BT1 beryllium compounds
 *BT1 hydroxides

BERYLLIUM IODIDES

1996-07-16

(From July 1996 to February 2008

BERYLLIUM COMPOUNDS + IODIDES
 was used for this concept.)

*BT1 beryllium halides
 *BT1 iodides

BERYLLIUM IONS

*BT1 ions

BERYLLIUM ISOTOPES

1999-02-01

*BT1 alkaline earth isotopes
NT1 beryllium 10
NT1 beryllium 11
NT1 beryllium 12
NT1 beryllium 13
NT1 beryllium 14
NT1 beryllium 15
NT1 beryllium 16
NT1 beryllium 5
NT1 beryllium 6
NT1 beryllium 7
NT1 beryllium 8
NT1 beryllium 9

BERYLLIUM MODERATED REACTORS

UF in-core thermionic reactor
UF itr reactor
 *BT1 metal moderated reactors
NT1 agata reactor
NT1 br-02 reactor
NT1 ebor reactor
NT1 ewg-1 reactor
NT1 maria reactor
NT1 nuclear furnace reactor

beryllium moderators

USE beryllium

BERYLLIUM NITRATES

*BT1 beryllium compounds
 *BT1 nitrates

BERYLLIUM NITRIDES

*BT1 beryllium compounds
 *BT1 nitrides

BERYLLIUM OXIDES

UF beryllia
 *BT1 beryllium compounds
 *BT1 oxides
RT chrysoberyl

RT moderators

BERYLLIUM PHOSPHATES

*BT1 beryllium compounds
 *BT1 phosphates

BERYLLIUM PHOSPHIDES*INIS: 1996-07-16; ETDE: 1977-06-02*

(From July 1996 to November 2007

BERYLLIUM COMPOUNDS +
 PHOSPHIDES was used for this concept.)

*BT1 beryllium compounds
 *BT1 phosphides

BERYLLIUM SELENIDES*INIS: 2000-04-12; ETDE: 1977-05-07*

*BT1 beryllium compounds
 *BT1 selenides

BERYLLIUM SILICATES

*BT1 beryllium compounds
 *BT1 silicates
RT beryl
RT helvite
RT silicate minerals

BERYLLIUM SULFATES

*BT1 beryllium compounds
 *BT1 sulfates

BERYLLIUM SULFIDES

1996-07-16

(From July 1996 to November 2007

BERYLLIUM COMPOUNDS + SULFIDES
 was used for this concept.)

*BT1 beryllium compounds
 *BT1 sulfides

BERYLLIUM TELLURIDES*INIS: 1991-09-16; ETDE: 1977-05-07*

*BT1 beryllium compounds
 *BT1 tellurides

beryllon

1996-06-26

(Until June 1996 this was a valid descriptor.)

USE arsonic acids
 USE azo dyes
 USE dicarboxylic acids
 USE naphthols
 USE sulfonic acids

BESM COMPUTERS

BT1 computers

bessel differential equation

USE fokker-planck equation

BESSEL FUNCTIONS

UF hankel functions
UF neumann functions
 BT1 functions
RT neumann series

BESSY STORAGE RING*INIS: 1985-04-22; ETDE: 1985-05-07*

*Berliner Elektronenspeicherring-Gesellschaft
 fuer Synchrotronstrahlung.*

BT1 storage rings

BEST AVAILABLE TECHNOLOGY

2013-08-28

RT appropriate technology
RT technology assessment
RT technology utilization

BETA-AMINOETHYL ISOTHIUREA*INIS: 2005-01-31; ETDE: 2005-02-01*

(Prior to January 2005 AET was used for this
 concept.)

UF aet (aminoethylthiopseudourea)
UF aminoethylisothiuronium bromide

UF aminoethylthiopseudourea

*BT1 amines
 *BT1 radioprotective substances
 *BT1 thioureas

beta backscattering gages

USE radiometric gages

beta beams (electrons)

USE electron beams

beta beams (positrons)

USE positron beams

BETA DECAY

1996-07-08

*Neutron and nuclear beta decay.**SF* way-wigner formula

*BT1 nuclear decay

NT1 beta-minus decay**NT2** double beta decay**NT3** neutrinoless double beta decay**NT1** beta-plus decay**NT1** electron capture decay**NT2** k capture**NT2** l capture**NT2** m capture*RT* beta decay radioisotopes*RT* beta particles*RT* beta spectra*RT* fermi plot*RT* feynman-gell-mann theory*RT* fierz interference*RT* ft value*RT* gamow-teller rules*RT* internal ionization*RT* knipp-uhlenbeck theory*RT* lee-yang theory*RT* semileptonic decay*RT* two-component neutrino theory**BETA DECAY RADIOISOTOPES**

1997-02-07

*BT1 radioisotopes

NT1 beta-minus decay radioisotopes**NT2** actinium 226**NT2** actinium 227**NT2** actinium 228**NT2** actinium 229**NT2** actinium 230**NT2** actinium 231**NT2** actinium 232**NT2** actinium 233**NT2** actinium 234**NT2** actinium 235**NT2** actinium 236**NT2** aluminium 28**NT2** aluminium 29**NT2** aluminium 30**NT2** aluminium 31**NT2** aluminium 32**NT2** aluminium 34**NT2** aluminium 36**NT2** aluminium 37**NT2** aluminium 40**NT2** aluminium 41**NT2** aluminium 42**NT2** americium 242**NT2** americium 244**NT2** americium 245**NT2** americium 246**NT2** americium 247**NT2** americium 248**NT2** americium 249**NT2** antimony 122**NT2** antimony 124**NT2** antimony 125**NT2** antimony 126**NT2** antimony 127**NT2** antimony 128

NT2 antimony 129
 NT2 antimony 130
 NT2 antimony 131
 NT2 antimony 132
 NT2 antimony 133
 NT2 antimony 134
 NT2 antimony 135
 NT2 antimony 136
 NT2 antimony 137
 NT2 antimony 138
 NT2 antimony 139
 NT2 argon 39
 NT2 argon 41
 NT2 argon 42
 NT2 argon 43
 NT2 argon 44
 NT2 argon 45
 NT2 argon 46
 NT2 argon 48
 NT2 argon 52
 NT2 argon 53
 NT2 arsenic 74
 NT2 arsenic 76
 NT2 arsenic 77
 NT2 arsenic 78
 NT2 arsenic 79
 NT2 arsenic 80
 NT2 arsenic 81
 NT2 arsenic 82
 NT2 arsenic 83
 NT2 arsenic 84
 NT2 arsenic 85
 NT2 arsenic 86
 NT2 arsenic 87
 NT2 arsenic 88
 NT2 arsenic 89
 NT2 arsenic 90
 NT2 arsenic 91
 NT2 arsenic 92
 NT2 astatine 217
 NT2 astatine 218
 NT2 astatine 219
 NT2 astatine 220
 NT2 astatine 221
 NT2 astatine 222
 NT2 astatine 223
 NT2 barium 139
 NT2 barium 140
 NT2 barium 141
 NT2 barium 142
 NT2 barium 143
 NT2 barium 144
 NT2 barium 145
 NT2 barium 146
 NT2 barium 147
 NT2 barium 148
 NT2 barium 149
 NT2 barium 150
 NT2 barium 151
 NT2 barium 152
 NT2 barium 153
 NT2 berkelium 248
 NT2 berkelium 249
 NT2 berkelium 250
 NT2 berkelium 251
 NT2 berkelium 252
 NT2 berkelium 253
 NT2 berkelium 254
 NT2 beryllium 10
 NT2 beryllium 11
 NT2 beryllium 12
 NT2 beryllium 14
 NT2 bismuth 210
 NT2 bismuth 211
 NT2 bismuth 212
 NT2 bismuth 213
 NT2 bismuth 214
 NT2 bismuth 215
 NT2 bismuth 216

NT2 bismuth 217
 NT2 bismuth 218
 NT2 boron 12
 NT2 boron 13
 NT2 boron 14
 NT2 boron 15
 NT2 boron 16
 NT2 boron 17
 NT2 boron 19
 NT2 bromine 80
 NT2 bromine 82
 NT2 bromine 83
 NT2 bromine 84
 NT2 bromine 85
 NT2 bromine 86
 NT2 bromine 87
 NT2 bromine 88
 NT2 bromine 89
 NT2 bromine 90
 NT2 bromine 91
 NT2 bromine 92
 NT2 bromine 93
 NT2 bromine 94
 NT2 bromine 95
 NT2 bromine 96
 NT2 bromine 97
 NT2 cadmium 113
 NT2 cadmium 115
 NT2 cadmium 117
 NT2 cadmium 118
 NT2 cadmium 119
 NT2 cadmium 120
 NT2 cadmium 121
 NT2 cadmium 122
 NT2 cadmium 123
 NT2 cadmium 124
 NT2 cadmium 125
 NT2 cadmium 126
 NT2 cadmium 127
 NT2 cadmium 128
 NT2 cadmium 129
 NT2 cadmium 130
 NT2 cadmium 131
 NT2 cadmium 132
 NT2 calcium 45
 NT2 calcium 47
 NT2 calcium 49
 NT2 calcium 50
 NT2 calcium 51
 NT2 calcium 52
 NT2 calcium 53
 NT2 calcium 54
 NT2 calcium 55
 NT2 calcium 56
 NT2 calcium 57
 NT2 calcium 58
 NT2 calcium 60
 NT2 californium 253
 NT2 californium 255
 NT2 carbon 14
 NT2 carbon 15
 NT2 carbon 16
 NT2 carbon 17
 NT2 carbon 18
 NT2 cerium 141
 NT2 cerium 143
 NT2 cerium 144
 NT2 cerium 145
 NT2 cerium 146
 NT2 cerium 147
 NT2 cerium 148
 NT2 cerium 149
 NT2 cerium 150
 NT2 cerium 151
 NT2 cerium 152
 NT2 cerium 153
 NT2 cerium 154
 NT2 cerium 155
 NT2 cerium 156

NT2 cerium 157
 NT2 cesium 130
 NT2 cesium 132
 NT2 cesium 134
 NT2 cesium 135
 NT2 cesium 136
 NT2 cesium 137
 NT2 cesium 138
 NT2 cesium 139
 NT2 cesium 140
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 NT2 zinc 62
 NT2 zinc 63
 NT2 zinc 65
 NT2 zirconium 78
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 NT2 zirconium 88
 NT2 zirconium 89
 RT beta decay

BETA-DELAYED NEUTRONS

INIS: 1985-01-17; ETDE: 1988-10-12

*BT1 neutrons

RT beta-minus decay

RT delayed neutron precursors

RT neutron-rich isotopes

beta-delayed protons

INIS: 1985-01-17; ETDE: 2002-06-13

USE delayed protons

BETA DETECTION

*BT1 charged particle detection

RT beta dosimetry

RT beta particles

RT beta spectrometers

RT beta spectroscopy

RT electron detection

RT positron detection

BETA DOSIMETRY

BT1 dosimetry

RT beta detection

BETA II DEVICES

INIS: 1981-10-15; ETDE: 1979-03-28

This device was formerly known as 2XII.B.

*BT1 magnetic mirrors

BETA-MINUS DECAY

*BT1 beta decay

NT1 double beta decay

NT2 neutrinoless double beta decay

RT beta-delayed neutrons

RT beta-minus decay radioisotopes

BETA-MINUS DECAY RADIOISOTOPES

1998-01-27

*BT1 beta decay radioisotopes

NT1 actinium 226

NT1 actinium 227

NT1 actinium 228

NT1 actinium 229

NT1 actinium 230

NT1 actinium 231

NT1 actinium 232
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 NT1 aluminium 40
 NT1 aluminium 41
 NT1 aluminium 42
 NT1 americium 242
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 NT1 zirconium 97
 NT1 zirconium 98
 NT1 zirconium 99
 RT beta-minus decay

BETA PARTICLES

Emitted by nuclei.

BT1 charged particles
 *BT1 ionizing radiations
 RT beta decay
 RT beta detection
 RT beta sources
 RT electrons
 RT positrons

BETA-PLUS DECAY

UF positron decay
 *BT1 beta decay
 RT beta-plus decay radioisotopes
 RT delayed protons
 RT electron capture decay

BETA-PLUS DECAY RADIOISOTOPES

1997-02-07

*BT1 beta decay radioisotopes

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 NT1 aluminium 23
 NT1 aluminium 24
 NT1 aluminium 25
 NT1 aluminium 26
 NT1 americium 235
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 NT1 xenon 112
 NT1 xenon 113
 NT1 xenon 114
 NT1 xenon 115
 NT1 xenon 116
 NT1 xenon 117

NT1 xenon 118
 NT1 xenon 119
 NT1 xenon 120
 NT1 xenon 121
 NT1 xenon 122
 NT1 xenon 123
 NT1 xenon 125
 NT1 ytterbium 153
 NT1 ytterbium 158
 NT1 ytterbium 160
 NT1 ytterbium 161
 NT1 ytterbium 162
 NT1 ytterbium 163
 NT1 ytterbium 165
 NT1 ytterbium 167
 NT1 yttrium 79
 NT1 yttrium 80
 NT1 yttrium 81
 NT1 yttrium 82
 NT1 yttrium 83
 NT1 yttrium 84
 NT1 yttrium 85
 NT1 yttrium 86
 NT1 yttrium 87
 NT1 yttrium 88
 NT1 zinc 57
 NT1 zinc 59
 NT1 zinc 60
 NT1 zinc 61
 NT1 zinc 62
 NT1 zinc 63
 NT1 zinc 65
 NT1 zirconium 81
 NT1 zirconium 82
 NT1 zirconium 83
 NT1 zirconium 84
 NT1 zirconium 85
 NT1 zirconium 87
 NT1 zirconium 89
 RT beta-plus decay

BETA RADIOGRAPHY

1976-10-29

A technique for examining papers, thin foils, and other thin materials.

*BT1 industrial radiography

BETA RATIO

BT1 dimensionless numbers
 RT high-beta plasma
 RT low-beta plasma
 RT magnetic fields
 RT medium-beta plasma
 RT plasma pressure
 RT reversed-field pinch devices

BETA SOURCES

*BT1 particle sources
 RT beta particles

BETA SPECTRA

BT1 spectra
 RT beta decay
 RT beta spectrometers

BETA SPECTROMETERS

*BT1 spectrometers
 RT beta detection
 RT beta spectra
 RT electron detection

beta spectrometry

INIS: 1975-10-23; ETDE: 2002-06-13

USE beta spectroscopy

BETA SPECTROSCOPY

UF beta spectrometry
 BT1 spectroscopy
 RT beta detection

beta-w lattices

2015-06-22

(Prior to June 2015 this was a valid descriptor)

USE beta-w structures

BETA-W STRUCTURES

(Prior to June 2015 BETA-W LATTICES was used for this concept)

UF a-15 compounds

UF beta-w lattices

BT1 crystal structure

BETAINE

*BT1 amino acids

*BT1 lipotropic factors

*BT1 quaternary ammonium compounds

RT carnitine

BETATRON OSCILLATIONS

*BT1 beam dynamics

BT1 oscillations

RT q-shift

BETATRONS

*BT1 cyclic accelerators

RT plasma betatrons

BETAVOLTAIC CELLS

*BT1 direct collection converters

RT semiconductor diodes

bethe-goldstone approximation

USE bethe-goldstone equation

BETHE-GOLDSTONE EQUATION

UF bethe-goldstone approximation

BT1 equations

RT many-body problem

bethe-heitler-schiff formula

USE bethe-heitler theory

BETHE-HEITLER THEORY

UF bethe-heitler-schiff formula

RT branching ratio

RT bremsstrahlung

RT pair production

bethe-hurwitz effect

USE hurwitz effect

bethe-placzec model

USE placzec function

BETHE-SALPETER EQUATION

BT1 equations

RT blankenbecler-sugar equations

RT quantum field theory

BETHE-TAIT METHOD

RT mathematics

RT reactor safety

bethe-weizsaecker cycle

INIS: 1978-09-28; ETDE: 1979-05-03

USE cno cycle

bethe-weizsaecker relation

USE weizsaecker formula

BETTIS

Bettis Atomic Power Laboratory.

*BT1 us aec

*BT1 us doe

*BT1 us erda

RT pennsylvania

betula

ETDE: 2002-06-13

USE trees

BEVALAC

INIS: 1999-01-20; ETDE: 1975-10-01

A linking of the Superhilac to the Bevatron.

UF berkeley bevalac

*BT1 cyclic accelerators

RT bevatron

RT superhilac

BEVATRON

*BT1 synchrotrons

RT bevalac

BEVERAGE INDUSTRY

INIS: 2000-04-12; ETDE: 1980-01-15

BT1 industry

RT food industry

RT glass industry

RT metal industry

BEVERAGES

UF coffee

UF juices

UF tea

UF wine

BT1 food

RT coffee beans

RT diet

RT drinking water

RT ingestion

RT milk

RT tea leaves

RT tea plants

BEYOND-DESIGN-BASIS**ACCIDENTS**

2017-03-14

Accident conditions more severe than a design basis accident. Add relevant descriptors from

REACTOR ACCIDENTS if appropriate.

UF bdba

BT1 accidents

NT1 lohrs

NT1 severe accidents

NT2 meltdown

NT3 melt-through

NT2 reactor core disruption

RT reactor design

BEZNAU-1 REACTOR

Bezau, Doettingen, Switzerland.

UF nok-1 reactor

UF nordostschweizerische kraftwerk-1 reaktor

*BT1 pwr type reactors

BEZNAU-2 REACTOR

Bezau, Doettingen, Switzerland.

UF nok-2 reactor

UF nordostschweizerische kraftwerk-2 reaktor

*BT1 pwr type reactors

bf-wf process

INIS: 2000-04-12; ETDE: 1977-04-14

USE desulfurization

BF3 COUNTERS

*BT1 neutron detectors

*BT1 proportional counters

RT moderating detectors

BFS REACTOR

1996-07-10

Obninsk fast assembly.

*BT1 fast reactors

*BT1 zero power reactors

BGC-LURGI SLAGGING PROCESS

INIS: 1992-10-20; ETDE: 1982-03-10

*BT1 coal gasification

BGO DETECTORS

INIS: 1984-08-24; ETDE: 1984-07-10

UF bismuth germanate detectors

*BT1 solid scintillation detectors

BGRR REACTOR

BNL, Upton, New York, USA. Shut down in 1969.

UF brookhaven graphite research reactor

*BT1 air cooled reactors

*BT1 enriched uranium reactors

*BT1 graphite moderated reactors

*BT1 isotope production reactors

*BT1 research reactors

*BT1 test reactors

*BT1 thermal reactors

*BT1 training reactors

bhabha atomic research center

USE barc

BHABHA SCATTERING

*BT1 elastic scattering

RT moeller scattering

RT quantum electrodynamics

BHUTAN

INIS: 1990-01-30; ETDE: 1990-02-13

BT1 asia

BT1 developing countries

BHWR TYPE REACTORS

UF boiling heavy water cooled and moderated reactor

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

NT1 hbwr reactor

NT1 marviken reactor

RT power reactors

BI-GAS PROCESS

2000-04-12

Bituminous coal research, inc. Process for producing intermediate or high btu gas by reaction of coal with steam in a gasifier operating at 1000-1500 psi and 3000 and 1700 degrees F in stage 1 and stage 2, respectively. The gasifier may be operated on air rather than oxygen at moderate pressures to produce a low btu gas.

*BT1 coal gasification

RT sng processes

BIBENZYL

UF 1,2-diphenylethane

UF diphenylethane (1,2-)

*BT1 aromatics

BIBLIOGRAPHIES

Use only in conjunction with literary indicator Z for indexing true bibliographies.

BT1 document types

BIBLIS-1 REACTOR

INIS: 1990-12-07; ETDE: 1991-01-22

Biblis, Hessen, Federal Republic of Germany. Permanent shutdown since 2011.

(Prior to December 1990, this was indexed by BIBLIS REACTOR.)

UF biblis-a reactor

UF biblis reactor

UF kernkraftwerk biblis

UF kernkraftwerk biblis-a

*BT1 pwr type reactors

BIBLIS-2 REACTOR

INIS: 1990-12-07; ETDE: 1991-01-22
 Biblis, Hessen, Federal Republic of Germany.
 Permanent shutdown since 2011.
 (Prior to December 1990, this was indexed by
 BIBLIS-B REACTOR.)
 UF biblis-b reactor
 UF kernkraftwerk biblis-b
 *BT1 pwr type reactors

BIBLIS-3 REACTOR

INIS: 1976-10-07; ETDE: 1976-11-01
 Biblis, Hessen, Federal Republic of Germany.
 Plan cancelled in 1995.
 UF biblis-c reactor
 UF kernkraftwerk biblis-3
 *BT1 pwr type reactors

BIBLIS-4 REACTOR

INIS: 1976-10-07; ETDE: 1976-11-01
 Biblis, Hessen, Federal Republic of Germany.
 Plan cancelled in 1979.
 UF biblis-d reactor
 UF kernkraftwerk biblis-4
 *BT1 pwr type reactors

biblis-a reactor

2000-04-12
 Biblis, Hessen, Federal Republic of Germany.
 USE biblis-1 reactor

biblis-b reactor

1990-12-07
 USE biblis-2 reactor

biblis-c reactor

INIS: 1976-10-07; ETDE: 1976-11-02
 Biblis, Hessen, Federal Republic of Germany.
 USE biblis-3 reactor

biblis-d reactor

INIS: 1976-10-07; ETDE: 1976-11-02
 Biblis, Hessen, Federal Republic of Germany.
 USE biblis-4 reactor

biblis reactor

1990-12-07
 (Prior to December 1990, this was a valid
 descriptor.)
 USE biblis-1 reactor

bicarbonates

INIS: 1985-11-18; ETDE: 1977-07-23
 (Prior to December 1985 this was a valid
 descriptor.)
 USE acid carbonates

BICRYSTALS

1994-07-01
 (Until June 1994 this concept was indexed to
 POLYCRYSTALS.)
 *BT1 polycrystals

BICYCLES

INIS: 2000-04-12; ETDE: 1976-08-04
 BT1 vehicles

bids

INIS: 1999-03-15; ETDE: 1978-06-14
 (Prior to March 1996 this was a valid ETDE
 descriptor.)
 USE proposals

biedenbarn-rose theory

1996-07-16
 (Until July 1996 this was a valid descriptor.)
 SEE angular correlation
 SEE angular distribution

biexcitons

INIS: 1984-04-04; ETDE: 2002-06-13
 USE excitons

BIFURCATION

1994-02-28
 The abrupt appearance of a new solution of a
 mathematical equation at some critical
 parameter value.
 RT chemical reaction kinetics
 RT control
 RT differential equations
 RT dispersion relations
 RT dynamics
 RT instability
 RT mathematical models
 RT non-equilibrium plasma
 RT phase transformations
 RT wave propagation

BIG ROCK POINT REACTOR

Consumers Power Co., Charlevoix, Michigan,
 USA. Shut down in 1997.
 *BT1 bwr type reactors

BIG TEN REACTOR

LANL, Los Alamos, New Mexico, USA.
 *BT1 zero power reactors

BIGR REACTOR

INIS: 1986-12-09; ETDE: 1987-02-24
 *BT1 enriched uranium reactors
 *BT1 fast reactors
 *BT1 graphite moderated reactors
 *BT1 pulsed reactors
 *BT1 research reactors

BIKINI

*BT1 marshall islands
 RT castle project
 RT redwing project

BILATERAL AGREEMENTS

*BT1 international agreements
 RT transfrontier contamination
 RT transfrontier pollution

bilbao argonaut reactor

USE arbi reactor

BILE

1996-10-22
 *BT1 body fluids
 RT bile acids
 RT biliary tract
 RT bilirubin

BILE ACIDS

*BT1 carboxylic acids
 *BT1 sterols
 NT1 cholic acid
 RT bile

bile ducts

USE biliary tract

BILIARY TRACT

UF bile ducts
 UF gallbladder
 UF gallstones
 BT1 digestive system
 RT bile
 RT glucuronide conjugates
 RT glutathione conjugates
 RT liver

BILIBIN REACTOR

Chukotka region, Russian Federation.
 UF chukotka reactor
 *BT1 experimental reactors
 *BT1 lwgr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

BILIRUBIN

*BT1 heterocyclic acids

BT1 pigments
 *BT1 pyrroles
 RT bile

biliverdin

1996-10-22
 (Until October 1996 this was a valid
 descriptor.)
 USE heterocyclic acids
 USE pigments
 USE pyrroles

billet event

INIS: 2000-04-12; ETDE: 1977-06-21
 USE anvil project

BILLIETITE

2000-04-12
 *BT1 oxide minerals
 *BT1 uranium minerals
 RT barium oxides
 RT uranium oxides

billitonites

USE tektites

bimetallic corrosion

USE electrochemical corrosion

BIMETALS

RT switches

BINARY ALLOY SYSTEMS

BT1 alloy systems

BINARY ENCOUNTER METHOD

BT1 calculation methods
 RT scattering

BINARY FISSION

*BT1 fission

BINARY-FLUID SYSTEMS

INIS: 2000-04-12; ETDE: 1976-03-31
 A system in which hot fluid is passed through
 a heat exchanger to transfer heat to a low-
 boiling point fluid (such as freon or
 isobutane), which is then used as the working
 fluid in a vapor-turbine cycle.
 UF magmamax process
 BT1 energy systems
 RT geothermal energy conversion
 RT geothermal power plants
 RT thermodynamic cycles

BINARY MIXTURES

*BT1 mixtures
 RT alloys

BINARY STARS

BT1 stars
 NT1 eruptive variable stars
 NT2 novae
 NT2 supernovae
 NT3 type i supernovae
 NT3 type ii supernovae
 NT2 t tauri stars
 RT roche equipotentials
 RT symbiotic stars

BINDERS

RT adhesives
 RT fillers

BINDING ENERGY

For chemical and nuclear bonding. For
 bonding of materials, see also BONDING.
 UF electron acceptor
 UF electron donor
 UF separation energy
 BT1 energy
 NT1 neutron separation energy
 NT1 pairing energy

RT bond angle
 RT bond lengths
 RT chemical bonds
 RT coulomb energy
 RT covalence
 RT double bonds
 RT heitler-london theory
 RT interatomic forces
 RT intermolecular forces
 RT ionization potential
 RT mass defect
 RT nuclear forces
 RT work functions

bioaccumulation

INIS: 2000-04-12; ETDE: 1976-05-17
 USE biological accumulation

BIOADSORBENTS

Biological materials with adsorptive capacity.

BT1 adsorbents
 RT adsorption
 RT decontamination
 RT fungi
 RT liquid wastes
 RT sorptive properties

BIOASSAY

1999-03-26
 UF biological testing
 UF testing (biological)
 NT1 immunoassay
 NT2 enzyme immunoassay
 NT2 radioimmunoassay
 RT carcinogen screening
 RT comparative evaluations
 RT performance testing
 RT plaque formation
 RT radioassay
 RT radioreceptor assay

biocenoses

USE ecosystems

biochemical activity

USE biochemistry

BIOCHEMICAL FUEL CELLS

2000-04-12
 *BT1 fuel cells

BIOCHEMICAL OXYGEN DEMAND

INIS: 1992-01-15; ETDE: 1975-10-28
The amount of oxygen necessary for the oxidative decomposition of a material by microorganisms.

UF biological oxygen demand
 UF bod
 RT aquatic ecosystems
 RT biochemistry
 RT chemical oxygen demand
 RT dissolved gases
 RT liquid wastes
 RT oxygen

BIOCHEMICAL REACTION

KINETICS

*BT1 reaction kinetics
 NT1 cpb
 RT biochemistry
 RT biological markers
 RT detoxification
 RT enzyme activity
 RT enzymes
 RT metabolic diseases
 RT metabolism
 RT protein engineering

BIOCHEMISTRY

UF biochemical activity
 BT1 chemistry

NT1 blood chemistry
 NT1 cytochemistry
 RT antiandrogens
 RT biochemical oxygen demand
 RT biochemical reaction kinetics
 RT bioconversion
 RT biodegradation
 RT biological evolution
 RT biology
 RT bioluminescence
 RT biosynthesis
 RT coenzymes
 RT enzymes
 RT fermentation
 RT hormones
 RT metabolism
 RT receptors
 RT soil chemistry
 RT synergism
 RT vitamins

BIOCONVERSION

INIS: 1991-09-23; ETDE: 1977-12-22

SF microbial processes
 NT1 aerobic digestion
 NT1 anaerobic digestion
 NT2 biogas process
 NT1 biophotolysis
 NT1 fermentation
 NT2 vacuum fermentation
 RT biochemistry
 RT biomass
 RT biotechnology
 RT biothermgas process
 RT photolysis

BIODEGRADATION

1991-08-09
 SF microbial processes
 *BT1 decomposition
 RT aerobic conditions
 RT anaerobic conditions
 RT biochemistry
 RT bioreactors
 RT detritus
 RT enzymatic hydrolysis

BIODIESEL FUELS

2013-07-24
May be used for pure biodiesel and also for blends of biodiesel and petrodiesel.
 *BT1 biofuels
 *BT1 liquid fuels
 RT diesel fuels

biodiversity

INIS: 1992-01-09; ETDE: 2002-06-13
 USE species diversity

BIOELECTRICITY

INIS: 1983-09-06; ETDE: 1982-07-27
 UF neuron transmission
 BT1 electricity
 RT electrophysiology
 RT nerve cells
 RT receptors
 RT stimuli

BIOETHANOL

2009-04-22
 *BT1 ethanol
 NT1 cellulosic ethanol
 RT alternative fuels
 RT biofuels
 RT ethanol fuels

BIOFLAVONOIDS

UF vitamin p
 BT1 vitamins

biofouling

INIS: 1984-04-04; ETDE: 1976-08-25
 USE biological fouling

BIOFUELS

2004-08-30
Fuels obtained from biological raw materials.
 UF biomass fuels
 *BT1 alternative fuels
 NT1 biodiesel fuels
 NT1 wood fuels
 RT bioethanol
 RT biomass
 RT energy crops

biogas

INIS: 2000-04-12; ETDE: 1983-03-23
 USE methane

BIOGAS PROCESS

INIS: 1992-09-09; ETDE: 1975-10-28
An anaerobic digestion process for converting solid municipal waste and sewage into pipeline quality fuel gas and an odor free, stable solid.
 UF igt waste process
 *BT1 anaerobic digestion
 RT waste processing plants

biogeocenoses

USE ecosystems

BIOGEOCHEMISTRY

*BT1 geochemistry
 RT biological evolution
 RT biology
 RT geobotany
 RT mineral cycling

BIOINTRUSION

INIS: 1985-07-23; ETDE: 1987-10-23
Breaching by plants or animals of natural or man-made barriers, e.g. at waste disposal sites. Not for HUMAN INTRUSION.
 UF intrusion (animals)
 UF intrusion (plants)
 SF intrusion
 RT environmental exposure pathway
 RT fences
 RT nuclear facilities
 RT physical protection
 RT radioactive waste disposal
 RT radioactive waste facilities

BIOLOGICAL ACCUMULATION

INIS: 2000-04-12; ETDE: 1976-05-13
The abnormal or preferential accumulation of a material from the environment by a plant or animal.
 UF bioaccumulation
 RT biological localization

BIOLOGICAL ADAPTATION

INIS: 1990-12-05; ETDE: 1975-10-28
 (Prior to December 1990, this concept was indexed by ACCLIMATION.)
 UF acclimation
 RT behavior
 RT biological recovery
 RT biological variability
 RT bystander effects
 RT ecology
 RT environment
 RT heat-shock proteins
 RT sensitivity
 RT tolerance

BIOLOGICAL AVAILABILITY

INIS: 1985-12-11; ETDE: 1981-09-22

A measure of the ease with which a substance can be picked up by and incorporated into an organism.

- RT environmental exposure pathway
- RT radionuclide migration
- RT retention
- RT uptake

BIOLOGICAL DOSEMETERS

- *BT1 dosimeters
- RT biological indicators

BIOLOGICAL EFFECTS

- NT1 biological radiation effects
- NT2 abscopal radiation effects
- NT2 bystander effects
- NT2 delayed radiation effects
- NT2 early radiation effects
- NT2 genetic radiation effects
- NT2 local radiation effects
 - NT3 osteoradionecrosis
 - NT3 radiation burns
 - NT3 radiodermatitis
- NT2 radiation injuries
 - NT3 osteoradionecrosis
 - NT3 radiation burns
 - NT3 radiodermatitis
- NT1 genetic effects
 - NT2 genetic radiation effects
- RT acute exposure
- RT biology
- RT biophysics
- RT chronic exposure
- RT dose-response relationships
- RT molecular biology
- RT morphological changes
- RT prenatal exposure
- RT response modifying factors
- RT sensitivity
- RT structure-activity relationships
- RT survival curves
- RT synergism
- RT toxicity

BIOLOGICAL EVOLUTION

1983-06-30

- UF *speciation (biological)*
- BT1 evolution
 - RT biochemistry
 - RT biogeochemistry
 - RT biological extinction
 - RT biology
 - RT biosynthesis
 - RT fossils
 - RT genetics
 - RT geobotany
 - RT molecular biology
 - RT paleontology
 - RT redundancy

BIOLOGICAL EXTINCTION

INIS: 1994-09-29; ETDE: 1982-10-05

- RT animals
- RT biological evolution
- RT ecology
- RT endangered species
- RT paleontology
- RT plants
- RT populations
- RT species diversity

BIOLOGICAL FATIGUE

- UF *fatigue (biological)*
- RT biological stress
- RT exercise

biological fluids

INIS: 2000-04-12; ETDE: 1985-08-22

- SEE body fluids

BIOLOGICAL FOULING

INIS: 1994-07-01; ETDE: 1975-11-28

(Until June 1994 this concept was indexed to FOULING.)

- UF *biofouling*
- BT1 fouling
 - RT algae
 - RT antifoulants

BIOLOGICAL FUNCTIONS

INIS: 1976-01-28; ETDE: 1976-08-24

Coordinate with descriptors for the organs or functions involved.

- UF *function (biological)*
- RT biological pathways
- RT dynamic function studies
- RT metabolism
- RT physiology
- RT structure-activity relationships

BIOLOGICAL HALF-LIFE

- UF *effective half-life*
- UF *half-life (biological)*
- UF *half-life (effective)*
- RT body burden
- RT radionuclide kinetics

BIOLOGICAL HOT SPOTS

- UF *hot spots (biological)*
- RT biological localization
- RT bone seekers
- RT radionuclide kinetics
- RT retention

BIOLOGICAL INDICATORS

- UF *indicator species*
- RT biological dosimeters
- RT biological radiation effects
- RT blood cells
- RT blood plasma
- RT bone marrow cells
- RT chromosomal aberrations
- RT dose-response relationships
- RT early radiation effects
- RT mutagen screening
- RT nucleosides
- RT radiation doses
- RT radiation injuries

BIOLOGICAL LOCALIZATION

The concentration of a specific material or a specific effect in a definite location of a biological system.

- UF *localization (biological)*
- RT banding techniques
- RT biological accumulation
- RT biological hot spots
- RT bone seekers
- RT radiation effects
- RT radioecological concentration
- RT radioisotopes
- RT radionuclide kinetics
- RT radiopharmaceuticals
- RT retention
- RT tissue distribution

BIOLOGICAL MARKERS

INIS: 1984-08-24; ETDE: 1984-10-24

- UF *reference materials (bio mark)*
- RT biochemical reaction kinetics
- RT biological pathways
- RT dynamic function studies
- RT metabolism
- RT tracer techniques

BIOLOGICAL MATERIALS

- UF *materials (biological)*
- BT1 materials
 - NT1 biological wastes
 - NT2 feces
 - NT2 manures

NT2 sewage sludge

NT2 sweat

NT2 urine

NT1 body fluids

NT2 amniotic fluid

NT2 bile

NT2 blood

NT3 blood cells

NT4 blood platelets

NT4 erythrocytes

NT5 reticulocytes

NT4 leukocytes

NT5 basophils

NT5 eosinophils

NT5 lymphocytes

NT5 monocytes

NT5 natural killer cells

NT5 neutrophils

NT3 blood plasma

NT4 blood serum

NT2 cerebrospinal fluid

NT2 gastric acid

NT2 lymph

NT2 milk

NT2 saliva

NT2 sweat

NT2 urine

NT1 forest litter

NT1 plant sap

NT1 tissue extracts

RT animal tissues

RT animals

RT biomass

RT environmental materials

RT food

RT homogenates

RT plankton

RT plants

BIOLOGICAL MODELS

- UF *models (biological)*
- RT analog systems
- RT environmental exposure pathway
- RT functional models
- RT mathematical models
- RT microcosms
- RT mockup
- RT phantoms

biological oxygen demand

INIS: 2000-04-12; ETDE: 1981-01-12

- USE biochemical oxygen demand

BIOLOGICAL PATHWAYS

INIS: 1978-11-24; ETDE: 1978-12-20

- UF *metabolic pathways*
- UF *mutagenic pathways*
- UF *mutation induction pathways*
- UF *repair pathways*
- NT1 krebs cycle
- RT biological functions
- RT biological markers
- RT biological repair
- RT fermentation
- RT metabolic activation
- RT molecular biology

BIOLOGICAL RADIATION EFFECTS

- UF *radiobiological effects*
- BT1 biological effects
 - BT1 radiation effects
 - NT1 abscopal radiation effects
 - NT1 bystander effects
 - NT1 delayed radiation effects
 - NT1 early radiation effects
 - NT1 genetic radiation effects
 - NT1 local radiation effects
 - NT2 osteoradionecrosis
 - NT2 radiation burns
 - NT2 radiodermatitis

NT1 radiation injuries
NT2 osteoradionecrosis
NT2 radiation burns
NT2 radiodermatitis
RT biological indicators
RT biological stress
RT effective radiation doses
RT equivalent radiation doses
RT oxygen enhancement ratio
RT radiation chimeras
RT radiobiology
RT radioimmunology
RT radioinduction
RT radiological dispersal devices
RT radiosensitivity
RT rbe
RT strand breaks
RT teratogenesis

biological reactors

INIS: 1986-05-23; ETDE: 1983-04-07
USE bioreactors

BIOLOGICAL RECOVERY

UF enhanced recovery (biological)
UF recovery (biological)
UF restoration
SF recovery
NT1 biological regeneration
NT1 biological repair
NT2 dna repair
NT3 excision repair
NT2 host-cell reactivation
NT2 photoreactivation
NT1 healing
NT1 liquid holding recovery
RT biological adaptation
RT homeostasis
RT post-irradiation therapy
RT response modifying factors
RT therapy

BIOLOGICAL REGENERATION

UF regenerating liver
UF regeneration (biological)
BT1 biological recovery
RT animal tissues
RT growth
RT organs
RT viability

biological remediation

2002-01-11
USE bioremediation

BIOLOGICAL REPAIR

UF repair (biological)
BT1 biological recovery
BT1 repair
NT1 dna repair
NT2 excision repair
NT1 host-cell reactivation
NT1 photoreactivation
RT biological pathways
RT dna polymerases
RT let
RT molecular structure
RT nucleic acids
RT radiation injuries
RT ultrastructural changes

biological research reactor janus

1993-11-04
USE janus reactor

BIOLOGICAL SHIELDING

BT1 shielding
RT radiation protection

BIOLOGICAL SHIELDS

BT1 shields

BIOLOGICAL SHOCK

For all types of shock in biology and medicine.

UF shock (biological)
UF shock (medical)
UF traumatic shock
BT1 pathological changes
RT anaphylaxis
RT biological stress
RT electric shock
RT heart failure

BIOLOGICAL STRESS

UF stress (biological)
NT1 chemical stress
NT1 heat stress
RT anoxia
RT biological fatigue
RT biological radiation effects
RT biological shock
RT chronic exposure
RT drought resistance
RT exercise
RT fasting
RT heart failure
RT hypertension
RT hypotension
RT physiology
RT prenatal exposure

biological testing

USE bioassay

BIOLOGICAL VARIABILITY

UF variability (biological)
NT1 genetic variability
RT biological adaptation

BIOLOGICAL WARFARE

INIS: 2000-04-12; ETDE: 1986-02-03
BT1 warfare
RT biological warfare agents

BIOLOGICAL WARFARE AGENTS

INIS: 2000-04-12; ETDE: 1986-02-03
BT1 weapons
RT biological warfare

BIOLOGICAL WASTES

UF municipal wastes (biological)
UF radioactive biological wastes
***BT1** biological materials
BT1 wastes
NT1 feces
NT1 manures
NT1 sewage sludge
NT1 sweat
NT1 urine
RT agricultural wastes
RT excretion
RT liquid wastes
RT organic wastes
RT pollutants
RT solid wastes

BIOLOGY

NT1 anatomy
NT1 botany
NT2 geobotany
NT1 cryobiology
NT1 cytology
NT1 genetics
NT1 radiobiology
NT1 zoology
RT animal tissues
RT animals
RT biochemistry
RT biogeochemistry
RT biological effects
RT biological evolution
RT biosphere

RT ecosystems
RT medicine
RT microorganisms
RT organs
RT plants
RT symbiosis
RT taxonomy

BIOLUMINESCENCE

INIS: 1999-09-07; ETDE: 1980-10-27
***BT1** luminescence
RT biochemistry
RT photochemistry

BIOMASS

INIS: 1996-11-13; ETDE: 1975-07-29
Total weight of living organisms per unit area, or weight or volume of organisms per unit volume of habitat.

UF standing crop
SF renewable resources
***BT1** renewable energy sources
NT1 energy crops
RT alternative fuels
RT autohydrolysis
RT bioconversion
RT biofuels
RT biological materials
RT biomass plantations
RT buffalo gourd
RT cattails
RT cellulose
RT deforestation
RT harvesting
RT hemicellulose
RT lignin
RT oleoresins
RT plankton
RT plants
RT solid fuels
RT stand density
RT sugar industry
RT switchgrass
RT wood
RT wood fuels
RT xylyans

BIOMASS CONVERSION PLANTS

INIS: 1991-09-24; ETDE: 1979-10-23
Plants converting biomass to fuel.
BT1 industrial plants
RT chemical plants
RT ethanol plants
RT methanol plants
RT synthetic fuels

biomass fuels

2004-08-30
USE biofuels

BIOMASS PLANTATIONS

INIS: 1991-09-25; ETDE: 1976-09-14
Terrestrial or marine areas for the growing and harvesting of energy crops for the collection of energy for conversion into fuels.
UF plantations (biomass)
RT agriculture
RT biomass
RT coppices
RT crops
RT farms
RT short rotation cultivation
RT silviculture

BIOMEDICAL RADIOGRAPHY

See also INDUSTRIAL RADIOGRAPHY.
UF angiography
UF radiography (biomedical)
UF x-ray radiography (biomedical)
BT1 diagnostic techniques
***BT1** radiology

NT1 fluoroscopy
NT1 ionographic imaging
NT1 osteodensitometry
NT1 renography
 RT cat scanning
 RT compton scattering tomography
 RT computerized tomography
 RT contrast media
 RT emission computed tomography
 RT microradiography
 RT photon computed tomography
 RT photon transmission scanning
 RT proton computed tomography
 RT proton radiography
 RT radiological personnel
 RT sequential scanning
 RT tomography
 RT x radiation
 RT x-ray equipment
 RT x-ray radiography

BIOMETRIC AUTHENTICATION

2014-01-23

Identification of humans by their distinctive and measurable characteristics or traits.

UF biometrics
 BT1 identification systems
 RT entry control systems
 RT physical protection
 RT security

biometrics

2014-01-23

USE biometric authentication

biomimetic processes

INIS: 2000-04-12; ETDE: 1978-08-07

Methods or procedures based on or derived from a living organism by imitation or mimicry. A biomimetic process is predicated on a translation or abstraction of a process used by a living organism for a similar end. (Prior to February 1997 this was a valid ETDE descriptor.)

SEE photosynthesis

BIOPHOTOLYSIS

INIS: 1992-02-18; ETDE: 1977-12-22

The biologically mediated chemical breakdown of a compound using light as an energy source.

SF microbial processes
 BT1 bioconversion
 *BT1 photolysis
 RT hydrogen production
 RT photosynthesis

BIOPHYSICS

2000-01-24

BT1 physics
 RT biological effects
 RT compartments
 RT molecular biology
 RT radiation doses
 RT radiation effects
 RT radiation protection
 RT radiations
 RT radiobiology
 RT radionuclide kinetics

BIOPSY

BT1 diagnostic techniques
 RT animal tissues
 RT autopsy

BIOREACTORS

INIS: 1986-05-23; ETDE: 1983-03-23

(Prior to March 1983 this concept in ETDE was indexed to CHEMICAL REACTORS.)

UF biological reactors
 RT biodegradation

RT chemical reactors
 RT oxidation
 RT waste water
 RT water treatment

BIOREMEDIATION

2002-01-11

UF biological remediation
 BT1 remedial action
 RT microorganisms

BIOSATELLITES

BT1 satellites

BIOSPHERE

RT biology
 RT carbon sources
 RT ecosystems
 RT environment
 RT nature reserves
 RT populations

BIOSYNTHESIS

UF translation (macromolecules)
 BT1 synthesis
NT1 post-translation modification
 RT anabolism
 RT biochemistry
 RT biological evolution
 RT coenzymes
 RT enzyme induction
 RT enzymes
 RT gene regulation
 RT ligases
 RT metabolism
 RT molecular biology
 RT phosphoenolpyruvate
 RT photosynthesis
 RT precursor

BIOT-SAVART LAW

RT magnetic fields

BIOTECHNOLOGY

INIS: 1995-11-15; ETDE: 1986-11-20

The application of the principles of technology or engineering to the life sciences.

NT1 genetic engineering
NT2 nucleic acid hybridization
NT3 dna hybridization
NT4 dna-cloning
NT3 in-situ hybridization
NT1 microarray technology
 RT artificial organs
 RT bioconversion
 RT cell cultures
 RT commercialization
 RT hybridomas
 RT immobilized cells
 RT molecular biology
 RT polymerase chain reaction
 RT protein engineering
 RT recombinant dna

BIOTHERMGAS PROCESS

INIS: 2000-04-12; ETDE: 1981-12-14

UF igt biothermal gasification
 *BT1 gasification
 RT bioconversion
 RT methane

biothermohol process

INIS: 2000-04-12; ETDE: 1981-07-18

A method developed by IGT for converting biomass to liquid fuels by combining fermentation and thermochemical processes. (Prior to September 1994, this was a valid ETDE descriptor.)

USE fermentation
 USE thermochemical processes

BIOTIN

UF vitamin h
 *BT1 heterocyclic acids
 *BT1 imidazoles
 *BT1 organic sulfur compounds
 *BT1 vitamin b group

BIOTITE

A widely distributed and important rock-forming mineral of the mica group.

*BT1 mica
 RT granites

BIPHENYL

UF dowertherm
 *BT1 aromatics
 RT benzidine

biphenyldiamine

USE benzidine

biphosphates

INIS: 2000-04-12; ETDE: 1980-09-22

(From July 1977 till February 1997 acid phosphates was used for this concept in ETDE.)

USE phosphates

BIPYRIDINES

UF methyl viologen
 *BT1 pyridines

BIR REACTOR

INIS: 1986-12-09; ETDE: 1987-03-09

*BT1 enriched uranium reactors
 *BT1 fast reactors
 *BT1 pulsed reactors
 *BT1 research reactors

BIRCHES

INIS: 1991-12-16; ETDE: 1979-03-27

*BT1 magnoliopsida
 *BT1 trees

BIRDS

UF bursa of fabricius
 *BT1 vertebrates
NT1 fowl
NT2 chickens
NT2 ducks
NT2 geese
NT1 pigeons
 RT eggs
 RT feathers
 RT newcastle disease

BIREFRINGENCE

INIS: 1994-07-01; ETDE: 1979-07-18

(Until June 1994 this concept was indexed to REFRACTION.)

BT1 refraction
 RT optical properties

birmingham synchrotron

1996-07-16

(Until July 1996 this was a valid descriptor.)

USE synchrotrons

birth

USE parturition

bis(2-ethylhexyl)phosphoric acid

USE hdehp

bis(chloroethyl)amine

USE nitrogen mustard

bis(phenyloxazolyl)benzene

2000-04-12

USE popop

biscay bay (france, spain)*INIS: 1985-07-23; ETDE: 2002-06-13*

USE bay of biscay

BISCAYNE BAY

*BT1 atlantic ocean

*BT1 bays

RT florida

BISCHOFF PROCESS*2000-04-12**An adjustable wet process that operates with alkaline additives to remove dust and sulfur dioxide from flue gas in a single operation giving savings in space and cost.*

*BT1 lime-limestone wet scrubbing processes

RT waste processing

bisethylenedithiolotetrathiafulvalene*INIS: 2000-04-12; ETDE: 1985-11-19*

USE bedt-ttf

BISMUTH

*BT1 metals

BISMUTH 184*2007-01-17*

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

BISMUTH 185*2007-01-17*

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 heavy nuclei

*BT1 microseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 proton decay radioisotopes

BISMUTH 186*INIS: 1997-06-05; ETDE: 2000-08-02*

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

BISMUTH 187*2007-01-17*

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 microseconds living radioisotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

BISMUTH 188*1980-11-07*

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

BISMUTH 189

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

BISMUTH 190

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

BISMUTH 191

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

BISMUTH 192

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

BISMUTH 193

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

BISMUTH 194

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

BISMUTH 195

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

BISMUTH 196

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

BISMUTH 197

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

BISMUTH 198

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

BISMUTH 199

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

BISMUTH 200

*BT1 beta-plus decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

BISMUTH 201

*BT1 alpha decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 isomeric transition isotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

BISMUTH 202

*BT1 beta-plus decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 odd-odd nuclei

BISMUTH 203

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 odd-even nuclei

BISMUTH 204

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 odd-odd nuclei

BISMUTH 205

*BT1 beta-plus decay radioisotopes

*BT1 bismuth isotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

BISMUTH 206

*BT1 beta-plus decay radioisotopes

*BT1 bismuth isotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

BISMUTH 207

*BT1 beta-plus decay radioisotopes

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 years living radioisotopes

BISMUTH 207 TARGET*INIS: 1978-01-16; ETDE: 1978-03-03*

BT1 targets

BISMUTH 208

*BT1 bismuth isotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 odd-odd nuclei

*BT1 years living radioisotopes

BISMUTH 208 TARGET*INIS: 1979-09-18; ETDE: 1978-11-14*

BT1 targets

BISMUTH 209

*BT1 bismuth isotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 stable isotopes

BISMUTH 209 BEAMS*1983-03-15*

*BT1 ion beams

BISMUTH 209 REACTIONS*1980-11-07*

*BT1 heavy ion reactions

BISMUTH 209 TARGET*ETDE: 1976-07-09*

BT1 targets

BISMUTH 210*UF radium e*

*BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 bismuth isotopes
 *BT1 days living radioisotopes
 *BT1 heavy nuclei
 *BT1 odd-odd nuclei
 *BT1 years living radioisotopes

BISMUTH 210 TARGET*INIS: 1976-10-29; ETDE: 1976-08-24*

BT1 targets

BISMUTH 211*UF actinium c*

*BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 bismuth isotopes
 *BT1 heavy nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-even nuclei

BISMUTH 212*UF thorium c*

*BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 bismuth isotopes
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

BISMUTH 213

*BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 bismuth isotopes
 *BT1 heavy nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

BISMUTH 214*UF radium c*

*BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 bismuth isotopes
 *BT1 heavy nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

BISMUTH 215

*BT1 beta-minus decay radioisotopes
 *BT1 bismuth isotopes
 *BT1 heavy nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

BISMUTH 216*INIS: 1989-05-29; ETDE: 1989-06-21*

*BT1 beta-minus decay radioisotopes
 *BT1 bismuth isotopes
 *BT1 heavy nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

BISMUTH 217*2007-01-17*

*BT1 beta-minus decay radioisotopes

*BT1 bismuth isotopes
 *BT1 heavy nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

BISMUTH 218*2006-10-11*

*BT1 beta-minus decay radioisotopes
 *BT1 bismuth isotopes
 *BT1 heavy nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

BISMUTH ADDITIONS*Alloys containing not more than 1% Bi are listed here.*

*BT1 bismuth alloys

BISMUTH ALLOYS*Alloys containing more than 1% Bi.*

BT1 alloys
 NT1 bismuth additions
 NT1 bismuth base alloys
 NT2 alloy-bi50pb25cd12sn12
 NT3 wood metal
 NT2 cerrobend alloys
 NT2 lead-bismuth eutectic
 NT2 lichtenberg alloy
 NT2 newton-metal
 NT1 rose-metal

BISMUTH BASE ALLOYS

*BT1 bismuth alloys
 NT1 alloy-bi50pb25cd12sn12
 NT2 wood metal
 NT1 cerrobend alloys
 NT1 lead-bismuth eutectic
 NT1 lichtenberg alloy
 NT1 newton-metal

BISMUTH BORIDES*1996-07-16**(From July 1996 to February 2008 BISMUTH COMPOUNDS + BORIDES was used for this concept.)*

BT1 bismuth compounds
 *BT1 borides

BISMUTH BROMIDES

*BT1 bismuth halides
 *BT1 bromides

BISMUTH CARBONATES*1996-07-16**(From July 1996 to November 2007 BISMUTH COMPOUNDS + CARBONATES was used for this concept.)*

BT1 bismuth compounds
 *BT1 carbonates

BISMUTH CHLORIDES

*BT1 bismuth halides
 *BT1 chlorides

BISMUTH COMPLEXES

BT1 complexes

BISMUTH COMPOUNDS*1996-07-16*

NT1 bismuth borides
 NT1 bismuth carbonates
 NT1 bismuth germanates
 NT1 bismuth halides
 NT2 bismuth bromides
 NT2 bismuth chlorides
 NT2 bismuth fluorides
 NT2 bismuth iodides
 NT1 bismuth hydrides
 NT1 bismuth hydroxides
 NT1 bismuth nitrates
 NT1 bismuth oxides
 NT1 bismuth phosphates

NT1 bismuth selenides
 NT1 bismuth sulfates
 NT1 bismuth sulfides
 NT1 bismuth tellurides
 NT1 bismuth tungstates
 NT1 bismuth uranates

BISMUTH FLUORIDES

*BT1 bismuth halides
 *BT1 fluorides

bismuth germanate detectors*INIS: 1984-08-24; ETDE: 1984-07-10*

USE bgo detectors

BISMUTH GERMANATES*INIS: 1983-12-01; ETDE: 1983-07-07*

BT1 bismuth compounds
 *BT1 germanates
 RT inorganic phosphors

BISMUTH HALIDES*2012-07-19*

BT1 bismuth compounds
 *BT1 halides
 NT1 bismuth bromides
 NT1 bismuth chlorides
 NT1 bismuth fluorides
 NT1 bismuth iodides

BISMUTH HYDRIDES*1996-07-16*

BT1 bismuth compounds
 *BT1 hydrides

BISMUTH HYDROXIDES

BT1 bismuth compounds
 *BT1 hydroxides

BISMUTH IODIDES

*BT1 bismuth halides
 *BT1 iodides

BISMUTH IONS

*BT1 ions

BISMUTH ISOTOPES*1999-07-16*

BT1 isotopes
 NT1 bismuth 184
 NT1 bismuth 185
 NT1 bismuth 186
 NT1 bismuth 187
 NT1 bismuth 188
 NT1 bismuth 189
 NT1 bismuth 190
 NT1 bismuth 191
 NT1 bismuth 192
 NT1 bismuth 193
 NT1 bismuth 194
 NT1 bismuth 195
 NT1 bismuth 196
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 NT1 bismuth 210
 NT1 bismuth 211
 NT1 bismuth 212
 NT1 bismuth 213
 NT1 bismuth 214
 NT1 bismuth 215
 NT1 bismuth 216

NT1 bismuth 217
NT1 bismuth 218

BISMUTH NITRATES

BT1 bismuth compounds
***BT1** nitrates

BISMUTH ORES

BT1 ores

BISMUTH OXIDES

BT1 bismuth compounds
***BT1** oxides

BISMUTH PHOSPHATES

BT1 bismuth compounds
***BT1** phosphates

BISMUTH SELENIDES

1979-09-18

BT1 bismuth compounds
***BT1** selenides

BISMUTH SULFATES

BT1 bismuth compounds
***BT1** sulfates

BISMUTH SULFIDES

BT1 bismuth compounds
***BT1** sulfides

BISMUTH TELLURIDES

BT1 bismuth compounds
***BT1** tellurides

BISMUTH TUNGSTATES

INIS: 1981-11-27; ETDE: 1977-07-23

BT1 bismuth compounds
***BT1** tungstates

BISMUTH URANATES

2000-04-12

(From January 1993 to February 2008
 BISMUTH COMPOUNDS + URANATES
 was used for this concept.)

BT1 bismuth compounds
***BT1** uranates

bisulfates

INIS: 2000-04-12; ETDE: 1980-09-22

USE acid sulfates

bitter spar

INIS: 2000-04-12; ETDE: 1976-03-31

USE dolomite

BITUMENS

1996-06-26

UF blown bitumens

UF carburan

UF oil sand oils

UF tar sand oil

***BT1** tar

NT1 asphalts

NT1 coal tar

NT1 thucholite

RT asphaltite

RT bituminous materials

RT cold-water processes

RT oil sands

RT oil shales

RT waste processing

BITUMINOUS COAL

1991-09-25

SF soft coal

***BT1** black coal

RT subbituminous coal

BITUMINOUS MATERIALS

1993-06-08

Materials containing much organic, or at least
 carbonaceous, matter, mostly in the form of

tarry hydrocarbons which are usually
 described as bitumen.

***BT1** carbonaceous materials

NT1 kerogen

NT1 oil sands

NT1 oil shales

NT2 black shales

RT bitumens

RT coal tar

RT shale tar

BL LACERTAE OBJECTS

INIS: 1981-10-15; ETDE: 1980-03-29

BT1 cosmic radio sources

RT quasars

RT seyfert galaxies

BLACK AMERICANS

INIS: 2000-04-12; ETDE: 1981-05-18

UF american blacks

***BT1** minority groups

RT sociology

black chrome

INIS: 2000-04-12; ETDE: 1978-10-23

(Prior to February 1997 this was a valid ETDE
 descriptor.)

USE black coatings

black clawson system

INIS: 2000-04-12; ETDE: 1976-03-22

Waste processing system for materials and
 energy recovery by wet processing of
 municipal wastes.

(Prior to September 1994, this was a valid
 ETDE descriptor.)

USE waste processing

BLACK COAL

1991-09-25

***BT1** coal

NT1 anthracite

NT1 bituminous coal

BLACK COATINGS

INIS: 2000-04-12; ETDE: 1978-02-14

UF black chrome

BT1 coatings

NT1 black nickel

RT solar absorbers

RT spectrally selective surfaces

BLACK DWARF STARS

***BT1** dwarf stars

BLACK FOX-1 REACTOR

INIS: 1976-07-06; ETDE: 1976-03-11

Public Service Co. of Oklahoma, Inola,
 Oklahoma, USA. Canceled in 1982 before
 construction began.

***BT1** bwr type reactors

RT ge standard reactor

BLACK FOX-2 REACTOR

INIS: 1976-07-06; ETDE: 1976-03-11

Public Service Co. of Oklahoma, Inola,
 Oklahoma, USA. Canceled in 1982 before
 construction began.

***BT1** bwr type reactors

RT ge standard reactor

BLACK HOLES

RT accretion disks

RT cosmology

RT gravitational collapse

RT high-energy limit

RT holographic principle

RT kerr field

RT schwarzschild radius

RT stars

RT white holes

BLACK LIQUIDS

INIS: 2000-04-12; ETDE: 1978-08-07

***BT1** liquids

RT heat transfer fluids

RT solar absorbers

RT solar collectors

black liquors

INIS: 2000-03-24; ETDE: 1993-03-04

USE spent liquors

black lung disease

INIS: 2000-04-12; ETDE: 1982-02-08

USE pneumoconioses

BLACK NICKEL

INIS: 2000-04-12; ETDE: 1978-12-11

***BT1** black coatings

RT nickel

RT solar absorbers

BLACK NUCLEUS MODEL

***BT1** nuclear models

BLACK SANDS

BT1 minerals

BT1 sand

RT magnetite

RT thorianite

RT thorite

RT uraninites

BLACK SEA

***BT1** seas

RT bulgaria

RT danube river

RT dnier river

RT moldova

RT republic of georgia

RT romania

RT turkey

RT ukraine

BLACK SHALES

INIS: 1992-07-22; ETDE: 1976-12-15

UF antrim shales

UF devonian shales

***BT1** oil shales

RT chattanooga formation

RT hytort process

BLACKBODY RADIATION

UF universal blackbody radiation

SF mean radiant temperature

***BT1** electromagnetic radiation

RT emissivity

RT planck radiation formula

RT thermal radiation

blackouts

1982-12-03

USE outages

BLADDER

***BT1** urinary tract

RT pelvis

blades (compressor)

INIS: 2000-04-12; ETDE: 1975-10-01

USE compressor blades

blades (turbines)

USE turbine blades

BLAHUTOVICE-1 REACTOR

INIS: 1988-04-15; ETDE: 1988-05-23

North Moravia, Czech Republic.

***BT1** wwr type reactors

BLAIR MODEL

UF blair phase rule

RT elastic scattering

blair phase rule

USE blair model

BLANKENBECLER-SUGAR**EQUATIONS**

*BT1 integral equations
RT bethe-salpeter equation
RT lippmann-schwinger equation
RT particle production
RT scattering

blankets (breeding)

USE breeding blankets

blankets (gas)

INIS: 1976-07-30; ETDE: 2002-06-13
USE gas blankets

BLASCON DEVICES

Spherical configuration using swirling lithium to create a vortex for injection of fusion fuel for laser ignition.
*BT1 closed plasma devices

BLAST EFFECTS

RT explosions
RT landslides
RT seismic effects
RT shock waves

BLAST FURNACES

BT1 furnaces

blasting

INIS: 2000-04-12; ETDE: 1978-04-27
USE explosive fracturing

blasts

USE explosions

BLATT-BIEDENHARN FORMALISM

RT angular distribution

BLAYAIS-1 REACTOR

1995-10-02
Electricite de France, Braud-et-Saint-Louis, Gironde, France
*BT1 pwr type reactors

BLAYAIS-2 REACTOR

2010-08-17
Electricite de France, Braud-et-Saint-Louis, Gironde, France
*BT1 pwr type reactors

BLAYAIS-3 REACTOR

2010-08-17
Electricite de France, Braud-et-Saint-Louis, Gironde, France
*BT1 pwr type reactors

BLAYAIS-4 REACTOR

2010-08-17
Electricite de France, Braud-et-Saint-Louis, Gironde, France
*BT1 pwr type reactors

BLEACHING

RT coloration

blenders

INIS: 2000-04-12; ETDE: 1976-01-23
USE mixers

blending

USE mixing

BLEOMYCIN

*BT1 antibiotics
*BT1 antimitotic drugs
*BT1 antineoplastic drugs
RT neoplasms
RT therapy

BLIND RIVER

*BT1 rivers

BLISTERS

INIS: 1976-10-07; ETDE: 1976-11-01
Resulting near or on the surface of materials due to external physical or chemical effects.
RT bubbles
RT heating
RT radiation effects
RT surfaces
RT swelling

BLIZZARD DEPOSIT

INIS: 1981-02-27; ETDE: 1981-03-13
*BT1 uranium deposits
RT british columbia
RT uranium ores

BLOCH EQUATIONS

BT1 equations
RT magnetic resonance

BLOCH THEORY

RT quantum mechanics

BLOCH WALL

1976-02-05
Transition layer with finite thickness of a few hundred lattice constants, between adjacent ferromagnetic domains.
BT1 domain structure

blocking

USE channeling

blocking layer

INIS: 2000-04-12; ETDE: 1980-03-04
USE depletion layer

BLOCKING OSCILLATORS

*BT1 oscillators
RT pulse generators

BLOOD

*BT1 body fluids
NT1 blood cells
NT2 blood platelets
NT2 erythrocytes
NT3 reticulocytes
NT2 leukocytes
NT3 basophils
NT3 eosinophils
NT3 lymphocytes
NT3 monocytes
NT3 natural killer cells
NT3 neutrophils
NT1 blood plasma
NT2 blood serum
RT blood circulation
RT blood count
RT blood formation
RT blood groups
RT bone marrow
RT connective tissue
RT extracorporeal irradiation
RT hematologic agents
RT hemic diseases
RT hemocyanin
RT hemorrhage
RT hemosiderin
RT homeostasis
RT respiration
RT septicemia
RT transfusions
RT uremia

BLOOD-BRAIN BARRIER

RT homeostasis
RT physiology

BLOOD CELLS

*BT1 blood
NT1 blood platelets
NT1 erythrocytes
NT2 reticulocytes
NT1 leukocytes
NT2 basophils
NT2 eosinophils
NT2 lymphocytes
NT2 monocytes
NT2 natural killer cells
NT2 neutrophils
RT biological indicators
RT blood count
RT bone marrow

BLOOD CHEMISTRY

INIS: 1982-06-09; ETDE: 1980-06-23
*BT1 biochemistry
RT blood coagulation factors
RT blood plasma
RT blood serum
RT hemic diseases
RT pbi
RT qualitative chemical analysis
RT quantitative chemical analysis

BLOOD CIRCULATION

UF cardiac output
UF circulation (blood)
RT blood
RT blood flow
RT blood pressure
RT cardiography
RT cardiovascular system
RT emboli
RT heart
RT ischemia
RT kidneys
RT lungs
RT mechanical heart
RT myocardial infarction
RT parabiosis
RT physiology
RT spleen
RT vasoconstriction
RT vasodilation

blood clotting

USE blood coagulation

BLOOD COAGULATION

UF blood clotting
UF coagulation (blood)
RT anticoagulants
RT blood coagulation factors
RT blood platelets
RT blood serum
RT coalescence
RT fibrinolysin
RT hematologic agents
RT hematomas
RT hemophilia
RT hemorrhage
RT thrombosis

BLOOD COAGULATION FACTORS

*BT1 proteins
NT1 fibrin
NT1 fibrinogen
NT1 kallikrein
NT1 plasminogen
NT1 prothrombin
NT1 thrombin
NT1 thromboplastin
NT1 urokinase
RT blood chemistry
RT blood coagulation
RT blood platelets
RT calcium

RT fibrinolysin
RT folic acid
RT vitamin k

BLOOD COUNT

RT blood
RT blood cells

blood diseases

USE hemic diseases

BLOOD FLOW

UF *flow (blood)*
RT blood circulation
RT blood vessels
RT emboli
RT organs

BLOOD FORMATION

UF *hematopoiesis*
UF *hemopoiesis*
SF *leukocytin*
NT1 erythropoiesis
NT1 leukopoiesis
NT1 thrombopoiesis
RT blood
RT bone marrow
RT bone marrow cells
RT cell differentiation
RT hematopoietic system
RT spleen
RT spleen colony formation
RT stem cells

BLOOD GROUPS

RT blood
RT erythrocytes
RT hemagglutinins
RT transfusions

BLOOD PLASMA

UF *plasma (blood)*
*BT1 blood
NT1 blood serum
RT biological indicators
RT blood chemistry
RT blood-plasma clearance
RT blood substitutes
RT chylomicrons
RT complement
RT proteins

BLOOD-PLASMA CLEARANCE

UF *plasma clearance*
BT1 clearance
RT blood plasma
RT diagnostic techniques
RT pbi
RT radionuclide administration
RT radionuclide kinetics
RT thyroid
RT time dependence

BLOOD PLATELETS

UF *thrombocytes*
*BT1 blood cells
RT blood coagulation
RT blood coagulation factors
RT thrombopoiesis

BLOOD PRESSURE

RT antihypertensive agents
RT arteries
RT blood circulation
RT cardiography
RT cardiovascular system
RT hypertension
RT hypotension
RT renin

BLOOD SERUM

UF *hsa*

UF *human serum albumin*
UF *serum (blood)*
*BT1 blood plasma
RT blood chemistry
RT blood coagulation
RT immune serums

BLOOD SUBSTITUTES

2000-05-24

UF *plasma substitutes*
*BT1 hematologic agents
NT1 dextran
NT1 pectins
NT1 pvp
RT blood plasma
RT coagulants
RT fibrinolytic agents
RT hematinics
RT post-irradiation therapy
RT transfusions

BLOOD VESSELS

UF *angiography*
BT1 cardiovascular system
*BT1 organs
NT1 arteries
NT2 aorta
NT2 carotid arteries
NT2 cerebral arteries
NT2 coronaries
NT1 capillaries
NT1 veins
NT2 portal system
RT angiogenesis
RT angiomas
RT blood flow
RT bypasses
RT cardiovascular agents
RT emboli
RT hemorrhage
RT ischemia
RT radioembolization
RT telangiectasis
RT thrombosis
RT vascular diseases
RT vasoconstriction
RT vasoconstrictors
RT vasodilation
RT vasodilators

BLOWDOWN

RT loss of coolant

BLOWERS

UF *fans*
RT automotive accessories
RT bellows
RT ceiling fans
RT compressors
RT pumps
RT reactor cooling systems
RT superchargers

blown bitumens

INIS: 2000-04-12; ETDE: 1976-02-19

A special type of bitumen produced by blowing air, under controlled conditions, through hot bitumen.

(Prior to April 1994, this was a valid ETDE descriptor.)

USE bitumens

BLOWOFF

2000-04-12

Separation of a flame from a burner; material, either solid, liquid, or vapor, ejected from a sample upon absorption of high energy in a short period of time.

RT burners
RT evaporation
RT flame propagation

RT flames
RT flashback

BLOWOUT PREVENTERS

INIS: 1993-01-29; ETDE: 1976-03-11

Stacks or assemblies of heavy-duty valves attached to the top of the casing to control well pressure.

UF *bop*
*BT1 drilling equipment
RT blowouts
RT natural gas wells
RT oil wells

BLOWOUTS

1991-09-25

The high-pressure, sometimes violent, uncontrolled ejection of water, gas, or oil from a borehole.

BT1 accidents
RT blowout preventers
RT oil wells
RT wells

blowup (particle beams)

INIS: 1984-04-04; ETDE: 2002-06-13

USE beam dynamics

blue-green algae

INIS: 1983-02-03; ETDE: 1983-03-07

USE cyanobacteria

BLUE HILLS-1 REACTOR

Gulf States Utilities Co., Newton, Texas, USA. Canceled in 1978 before construction began.

*BT1 pwr type reactors

BLUE HILLS-2 REACTOR

Gulf States Utilities Co., Newton, Texas, USA. Canceled in 1978 before construction began.

*BT1 pwr type reactors

BLUE STELLAR OBJECTS

*BT1 quasars

BLUEBERRIES

INIS: 1993-07-13; ETDE: 1984-12-26

*BT1 berries

bmi reactor

USE brr reactor

BN-1200 REACTOR

2018-06-19

Sodium-cooled fast breeder reactor under development in Russia.

*BT1 lmfbr type reactors
*BT1 power reactors
*BT1 sodium cooled reactors

BN-1600 REACTOR

INIS: 1979-09-18; ETDE: 1979-10-23

Russian Federation.

*BT1 lmfbr type reactors
*BT1 power reactors
*BT1 sodium cooled reactors

BN-350 REACTOR

Mangyshlak, Shevchenko, Kazakhstan.

UF *fort shevchenko reactor*
*BT1 desalination reactors
*BT1 lmfbr type reactors
*BT1 power reactors
*BT1 sodium cooled reactors
RT enriched uranium reactors
RT plutonium reactors

bn-600 reactor

USE beloyarsk-3 reactor

bn-800 reactor

2018-06-19

USE beloyarsk-4 reactor

BNFL

INIS: 1980-04-02; ETDE: 1980-05-06

UF british nuclear fuels limited

*BT1 united kingdom organizations

BNL

UF brookhaven national laboratory

*BT1 us aec

*BT1 us doe

*BT1 us erda

RT new york

RT phenix detector

RT phobos detector

RT star detector

bnl reactor

2000-04-12

(Prior to June 1994, this was a valid ETDE descriptor.)

SEE graphite moderated reactors

SEE research reactors

SEE zero power reactors

bnps-1 reactor

USE beloyarsk-1 reactor

bnps-2 reactor

USE beloyarsk-2 reactor

bod

INIS: 2000-04-12; ETDE: 1975-10-28

USE biochemical oxygen demand

BODY

See also PLANT TISSUES.

(Prior to March 1997 BODY AREAS was a valid ETDE descriptor.)

UF body areas

NT1 abdomen

NT1 animal tissues

NT2 bone marrow

NT2 connective tissue

NT3 adipose tissue

NT3 bone tissues

NT4 antlers

NT4 trabecular bone

NT3 cartilage

NT3 fascia

NT3 ligaments

NT3 tendons

NT2 endothelium

NT2 epithelium

NT3 epidermis

NT2 nerve tissue

NT2 perfused tissues

NT2 reticuloendothelial system

NT1 chest

NT2 mediastinum

NT1 head

NT2 face

NT3 eyes

NT4 conjunctiva

NT4 cornea

NT4 crystalline lens

NT4 lacrimal ducts

NT4 retina

NT4 uvea

NT3 nose

NT1 hematopoietic system

NT2 bone marrow

NT1 limbs

NT2 arms

NT3 hands

NT4 fingers

NT2 legs

NT3 feet

NT1 neck

NT1 organs

NT2 blood vessels

NT3 arteries

NT4 aorta

NT4 carotid arteries

NT4 cerebral arteries

NT4 coronaries

NT3 capillaries

NT3 veins

NT4 portal system

NT2 bone marrow

NT2 brain

NT3 cerebellum

NT3 cerebrum

NT4 cerebral cortex

NT3 hippocampus

NT3 hypothalamus

NT3 olfactory bulbs

NT3 thalamus

NT2 critical organs

NT2 diaphragm

NT2 esophagus

NT2 female genitals

NT3 ovaries

NT3 uterus

NT2 glands

NT3 endocrine glands

NT4 adrenal glands

NT4 pancreas

NT4 parathyroid glands

NT4 pituitary gland

NT4 thyroid

NT3 liver

NT3 mammary glands

NT3 pineal gland

NT3 prostate

NT3 salivary glands

NT2 heart

NT3 myocardium

NT3 pericardium

NT2 intestines

NT3 large intestine

NT4 rectum

NT3 small intestine

NT2 kidneys

NT3 glomeruli

NT3 tubules

NT2 lungs

NT2 male genitals

NT3 prostate

NT3 testes

NT2 perfused organs

NT2 pharynx

NT2 sense organs

NT3 auditory organs

NT3 eyes

NT4 conjunctiva

NT4 cornea

NT4 crystalline lens

NT4 lacrimal ducts

NT4 retina

NT4 uvea

NT3 taste buds

NT3 vestibular apparatus

NT2 skeleton

NT3 bone joints

NT3 exoskeleton

NT3 femur

NT3 skull

NT4 jaw

NT3 tibia

NT3 vertebrae

NT2 skin

NT3 epidermis

NT3 hair

NT3 hair follicles

NT3 nails

NT2 spleen

NT2 stomach

NT2 thymus

NT2 tongue

NT2 urinary tract

NT3 bladder

NT3 ureters

NT1 pelvis

RT anatomy

RT body composition

RT retention

RT sinuses

RT whole-body counting

RT whole-body irradiation

body areas

1999-04-06

(Until April 1999 this was a valid descriptor.)

USE body

BODY BURDEN

RT biological half-life

RT contamination

RT icrp critical group

RT maximum permissible body burden

RT pollution

RT radioactivity

RT radionuclide kinetics

body centered cubic

USE bcc lattices

BODY COMPOSITION

NT1 bone mineral density

RT body

RT quantitative chemical analysis

BODY FLUIDS

UF aqueous humor

SF biological fluids

*BT1 biological materials

NT1 amniotic fluid

NT1 bile

NT1 blood

NT2 blood cells

NT3 blood platelets

NT3 erythrocytes

NT4 reticulocytes

NT3 leukocytes

NT4 basophils

NT4 eosinophils

NT4 lymphocytes

NT4 monocytes

NT4 natural killer cells

NT4 neutrophils

NT2 blood plasma

NT3 blood serum

NT1 cerebrospinal fluid

NT1 gastric acid

NT1 lymph

NT1 milk

NT1 saliva

NT1 sweat

NT1 urine

RT edema

RT excretion

RT feces

RT secretion

BODY TEMPERATURE

UF temperature (body)

NT1 hyperthermia

NT1 hypothermia

RT fever

RT heat stress

RT physiology

RT thermoregulation

body waves p (seismic)

1980-05-14

USE seismic p waves

body waves s (seismic)

1980-05-14

USE seismic s waves

BOGHEAD COAL

INIS: 2000-04-12; ETDE: 1978-05-03

*BT1 sapropelic coal

NT1 torbanite

BOGOLYUBOV METHOD

BT1 calculation methods

RT superconductivity

bogolyubov theory

USE bbgky equation

BOGOLYUBOV TRANSFORMATION

UF bogolyubov-valatin relation

*BT1 canonical transformations

RT hartree-fock-bogolyubov theory

bogolyubov-valatin relation

USE bogolyubov transformation

bogs

INIS: 1976-10-29; ETDE: 1979-05-03

USE swamps

BOHM CRITERION

UF bohm-gross method

UF bohm theory

RT plasma

bohm-gross method

USE bohm criterion

bohm-pines theory

USE pines-bohm theory

bohm theory

USE bohm criterion

bohr approximation

USE nilsson-mottelson model

bohr-mottelson model

USE nilsson-mottelson model

bohr-sommerfeld quantum theory

USE bohr theory

BOHR THEORY

UF bohr-sommerfeld quantum theory

RT atomic models

BOHR-WHEELER THEORY

RT fission

RT nuclear models

BOHRUM

2004-03-19

(Prior to March 2004 ELEMENT 107 was used for this element.)

UF *eka-rhenium*

UF *element 107*

UF *unnileptium*

*BT1 transactinide elements

BOHRUM 260

2007-01-19

*BT1 alpha decay radioisotopes

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 microseconds living radioisotopes

*BT1 odd-odd nuclei

BOHRUM 261

2004-03-19

(Prior to March 2004 ELEMENT 107 261 was used for this concept.)

UF *element 107 261*

*BT1 alpha decay radioisotopes

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 spontaneous fission radioisotopes

BOHRUM 262

2004-03-19

(Prior to March 2004 ELEMENT 107 262 was used for this concept.)

UF *element 107 262*

*BT1 alpha decay radioisotopes

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 spontaneous fission radioisotopes

BOHRUM 263

2007-01-19

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 microseconds living radioisotopes

*BT1 odd-even nuclei

BOHRUM 264

2004-03-19

(Prior to March 2004 ELEMENT 107 264 was used for this concept.)

UF *element 107 264*

*BT1 alpha decay radioisotopes

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

BOHRUM 265

2006-06-12

*BT1 alpha decay radioisotopes

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

BOHRUM 266

2007-01-19

*BT1 alpha decay radioisotopes

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

BOHRUM 267

2007-01-19

*BT1 alpha decay radioisotopes

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

BOHRUM 271

2006-09-04

*BT1 alpha decay radioisotopes

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

BOHRUM 272

2007-01-19

*BT1 alpha decay radioisotopes

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

BOHRUM 273

2007-01-19

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 odd-even nuclei

BOHRUM 274

2007-01-19

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 odd-odd nuclei

BOHRUM 275

2007-01-19

*BT1 bohrium isotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

BOHRUM COMPOUNDS

2004-03-19

(Prior to March 2004 ELEMENT 107 COMPOUNDS was used for this concept.)

UF *element 107 compounds*

*BT1 transactinide compounds

BOHRUM IONS

2018-01-24

*BT1 ions

BOHRUM ISOTOPES

2004-03-19

(Prior to March 2004 ELEMENT 107 ISOTOPES was used for this concept.)

UF *element 107 isotopes*

BT1 isotopes

NT1 bohrium 260

NT1 bohrium 261

NT1 bohrium 262

NT1 bohrium 263

NT1 bohrium 264

NT1 bohrium 265

NT1 bohrium 266

NT1 bohrium 267

NT1 bohrium 271

NT1 bohrium 272

NT1 bohrium 273

NT1 bohrium 274

NT1 bohrium 275

bohunice 1

2017-10-25

USE bohunice v-1 reactor

bohunice 2

2017-10-25

USE bohunice v-1 reactor

bohunice 3

2017-10-25

USE bohunice v-2 reactor

bohunice 4

2017-10-25

USE bohunice v-2 reactor

BOHUNICE A-1 REACTOR

Trnava, Slovakia.

UF *a-1 reactor (bohunice)*

UF *heavy water gas cooled reactor of slovakia*

UF *ks-150 reactor*

*BT1 carbon dioxide cooled reactors

*BT1 hwgcr type reactors

*BT1 natural uranium reactors

*BT1 power reactors

*BT1 thermal reactors

BOHUNICE A-2 REACTOR

Trnava, Slovakia.

UF *a-2 reactor (bohunice)*

*BT1 hwgcr type reactors

*BT1 natural uranium reactors

*BT1 power reactors

*BT1 thermal reactors

bohunice plant

2004-12-15

USE bohunice radioactive waste processing center

BOHUNICE RADIOACTIVE WASTE PROCESSING CENTER

2004-12-15

UF bohunice plant

UF bsc rao

*BT1 radioactive waste facilities

RT intermediate-level radioactive wastes

RT low-level radioactive wastes

RT manivier canal

RT slovakia

BOHUNICE V-1 REACTOR

Trnava, Slovakia. Both units where permanently shutdown in 2006 and 2008.

UF bohunice 1

UF bohunice 2

UF v-1 reactor (bohunice)

*BT1 wwer type reactors

BOHUNICE V-2 REACTOR

INIS: 1979-05-28; ETDE: 1979-09-06

Trnava, Slovakia. Permanent shutdown since 2008.

UF bohunice 3

UF bohunice 4

UF v-2 reactor (bohunice)

*BT1 wwer type reactors

BOILER FUELS

INIS: 1993-02-15; ETDE: 1981-01-30

(From May 1975 to January 1981 BOILER FUEL was a valid ETDE descriptor.)

BT1 fuels

RT boilers

RT fossil-fuel power plants

RT steam generators

BOILERS

NT1 condensing boilers

NT1 fluidized bed boilers

NT1 refuse-fueled boilers

NT1 vapor generators

NT2 steam generators

NT1 waste heat boilers

RT boiler fuels

RT boiling

RT central receivers

RT combustion control

RT deaerators

RT district heating

RT feedwater

RT heat production

RT heat transfer

RT reactor cooling systems

RT stokers

BOILING

BT1 phase transformations

NT1 film boiling

NT1 nucleate boiling

NT2 departure nucleate boiling

NT1 pool boiling

NT1 subcooled boiling

NT1 transition boiling

RT boilers

RT boiling detection

RT bubble growth

RT evaporation

RT heat transfer

RT heating

RT steam generators

RT two-phase flow

BOILING DETECTION

BT1 detection

RT boiling

RT bubble growth

RT bubbles

RT foams

RT reactor control systems

RT reactor safety

RT voids

boiling heavy water cooled and moderated reactor

1993-11-04

USE bhwtr type reactors

boiling nuclear superheater reactor

1993-11-04

USE bonus reactor

BOILING POINTS

*BT1 transition temperature

RT azeotrope

RT supercooling

RT superheating

boiling reactor experiment 1

USE borax-1 reactor

boiling reactor experiment 2

USE borax-2 reactor

boiling reactor experiment 3

USE borax-3 reactor

boiling reactor experiment 4

USE borax-4 reactor

boiling reactor experiment 5

2000-04-12

USE borax-5 reactor

boiling water cooled and moderated reactor

USE bwr type reactors

BOLIVIA

BT1 developing countries

*BT1 south america

NT1 chacaltaya

RT andes

BOLL WEEVIL

UF anthonomus grandis

*BT1 beetles

RT cotton plants

BOLLWORM

UF heliothis

*BT1 moths

RT cotton plants

BOLOMETERS

BT1 measuring instruments

RT temperature measurement

RT thermometers

BOLSA CHICA-1 REACTOR

2000-04-12

USA.

*BT1 bwr type reactors

BOLSA CHICA-2 REACTOR

2000-04-12

USA.

*BT1 bwr type reactors

BOLTED JOINTS

BT1 joints

bolting

USE fastening

bolts

ETDE: 2002-06-13

USE fasteners

boltwoodite

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE silicate minerals

USE uranium minerals

boltzmann approximation

USE boltzmann statistics

boltzmann collision integral

USE boltzmann equation

BOLTZMANN EQUATION

1996-07-18

UF boltzmann collision integral

UF boltzmann transport equation

UF born-green-yvon equation

UF maxwell-boltzmann equation

*BT1 integro-differential equations

*BT1 kinetic equations

*BT1 partial differential equations

RT collision integrals

RT collision probability method

RT gases

RT p1-approximation

RT p2-approximation

RT p3-approximation

RT statistical mechanics

RT transport theory

boltzmann event

INIS: 2000-04-12; ETDE: 1983-11-23

USE atmospheric explosions

USE plumbbob project

boltzmann factor

USE boltzmann statistics

BOLTZMANN STATISTICS

UF boltzmann approximation

UF boltzmann factor

UF maxwell-boltzmann distribution

UF maxwell-boltzmann statistics

UF maxwell distribution

UF maxwell statistics

UF maxwell velocity distribution

RT distribution

RT h theorem

RT statistical mechanics

boltzmann transport equation

USE boltzmann equation

BOLTZMANN-VLASOV EQUATION

1995-09-06

UF collisionless boltzmann equation

UF liouville equation

UF vlasov equation

UF vlasov instability

UF vlasov-maxwell equations

SF maxwell-boltzmann system

*BT1 partial differential equations

NT1 plasma fluid equations

RT plasma

RT quasilinear problems

RT transport theory

bom-erda process

INIS: 2000-04-12; ETDE: 1978-04-27

This wet oxidative process employs air in place of oxygen and operates at higher temperature and pressure than the Ledgemont process. Ferric and ferrous sulfates and sulfuric acid are generated.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

bom refining districts

INIS: 2000-04-12; ETDE: 1979-12-10
(Prior to September 1994, this was a valid ETDE descriptor.)
USE petroleum refineries

BOMB REDUCTION

*BT1 reduction

BOMBS

INIS: 2000-04-12; ETDE: 1984-09-05
Explosive devices fused to detonate under specified conditions.
BT1 weapons
RT overpressure

bombyx

USE silkworm

BOND ANGLE

UF angle (bond)
RT binding energy
RT chemical bonds

BOND LENGTHS

1999-07-20
*BT1 length
RT binding energy
RT chemical bonds
RT molecular structure

BONDING

For joining metals and other materials. For nuclear or chemical bonding, see also BINDING ENERGY.
UF fusion (bonding, nonmetallic)
*BT1 joining
RT adhesion
RT cementing
RT coalescence
RT grouting
RT joints

BONDUR

2000-04-12
*BT1 aluminium base alloys
*BT1 copper alloys
*BT1 magnesium additions
*BT1 manganese additions
*BT1 silicon additions

BONE CELLS

UF osteocytes
*BT1 connective tissue cells
RT bone marrow
RT bone marrow cells
RT bone tissues

bone diseases

USE skeletal diseases

BONE FRACTURES

UF fractures (bone)
*BT1 injuries
RT bone mineral density
RT skeletal diseases

BONE JOINTS

UF joints (anatomy)
UF synovia
*BT1 skeleton
RT cartilage
RT rheumatic diseases
RT skeletal diseases

BONE MARROW

*BT1 animal tissues
*BT1 hematopoietic system
*BT1 organs
RT blood
RT blood cells
RT blood formation

RT bone cells
RT bone marrow cells
RT bone tissues
RT leukemia
RT plasma cells
RT polycythemia
RT radiation syndrome
RT reticuloendothelial system
RT stem cells
RT trabecular bone

BONE MARROW CELLS

UF erythroblasts
UF megakaryocytes
*BT1 connective tissue cells
RT biological indicators
RT blood formation
RT bone cells
RT bone marrow

BONE MINERAL DENSITY

2013-11-13
BT1 body composition
RT bone fractures
RT bone tissues
RT osteodensitometry
RT osteoporosis
RT skeleton

BONE SEEKERS

*BT1 radioisotopes
RT biological hot spots
RT biological localization
RT bone tissues
RT calcium isotopes
RT radionuclide kinetics
RT radium isotopes
RT strontium isotopes

BONE TISSUES

UF endosteum
UF epiphysis (bones)
UF periosteum
*BT1 connective tissue
NT1 antlers
NT1 trabecular bone
RT bone cells
RT bone marrow
RT bone mineral density
RT bone seekers
RT calcium
RT dentin
RT hyperparathyroidism
RT osteodensitometry
RT osteomyelitis
RT osteoporosis
RT osteoradionecrosis
RT osteosarcomas
RT parathormone
RT rheumatic diseases
RT rickets
RT skeletal diseases
RT skeleton
RT teeth

bones

USE skeleton

BONN SYNCHROTRON

UF elsa synchrotron
*BT1 synchrotrons
RT elsa accelerator complex

BONNER SPHERE DETECTORS

UF multisphere neutron detectors
*BT1 moderating detectors

BONNER SPHERE SPECTROMETERS

*BT1 neutron spectrometers

BONNEVILLE POWER ADMINISTRATION

INIS: 1991-08-09; ETDE: 1977-03-04
*BT1 us doe
RT electric power

BONUS REACTOR

Permanent shutdown since June 1968.
UF boiling nuclear superheater reactor
UF bwr superheater puerto rico reactor
UF puerto rico bonus reactor
*BT1 bwr type reactors

bookkeeping

USE accounting

BOOM CLAY

2003-08-27
UF boom clay formation
*BT1 clays
RT geologic formations
RT hades underground research facility
RT marine disposal
RT radioactive waste disposal
RT underground disposal

boom clay formation

2003-08-27
Silty-clay formation, studied as possible site for radioactive waste disposal.
USE boom clay
USE geologic formations

BOOM TOWNS

INIS: 2000-04-12; ETDE: 1978-02-14
RT human populations
RT rural areas
RT social services
RT urban areas

boosters (particle)

USE particle boosters

BOOTSTRAP CURRENT

INIS: 1989-04-20; ETDE: 1989-05-11
*BT1 electric currents
RT neoclassical transport theory
RT non-inductive current drive
RT plasma

BOOTSTRAP MODEL

*BT1 composite models
RT coupling

bop

INIS: 2000-04-12; ETDE: 1976-05-17
USE blowout preventers

BOPSSAR STANDARD PLANT

INIS: 1977-10-17; ETDE: 1976-03-11
*BT1 nuclear power plants
RT westinghouse standard reactor

BOR-60 REACTOR

Dimitrovgrad, Russian Federation.
*BT1 enriched uranium reactors
*BT1 experimental reactors
*BT1 lmfr type reactors
*BT1 power reactors
*BT1 sodium cooled reactors

BORANES

1996-08-05
UF diborane
BT1 boron compounds
*BT1 hydrides
RT carboranes

BORATES

Specific compounds, except those of significance to energy research and development such as the NT listed below,

should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 boron compounds
BT1 oxygen compounds
NT1 borax
RT boric acid
RT boron oxides

BORAX

*BT1 borates
*BT1 sodium compounds

BORAX-1 REACTOR

ANL/INEEL, Idaho Falls, Idaho, USA. Shut down in 1954.

UF boiling reactor experiment 1
*BT1 enriched uranium reactors
*BT1 experimental reactors
*BT1 tank type reactors
*BT1 thermal reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

BORAX-2 REACTOR

ANL/INEEL, Idaho Falls, Idaho, USA. Shut down in 1955.

UF boiling reactor experiment 2
*BT1 enriched uranium reactors
*BT1 experimental reactors
*BT1 tank type reactors
*BT1 thermal reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

BORAX-3 REACTOR

ANL/INEEL, Idaho Falls, Idaho, USA. Shut down in 1956.

UF boiling reactor experiment 3
*BT1 enriched uranium reactors
*BT1 experimental reactors
*BT1 power reactors
*BT1 tank type reactors
*BT1 thermal reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

BORAX-4 REACTOR

ANL/INEEL, Idaho Falls, Idaho, USA. Shut down in 1958.

UF boiling reactor experiment 4
*BT1 enriched uranium reactors
*BT1 experimental reactors
*BT1 power reactors
*BT1 tank type reactors
*BT1 thermal reactors
*BT1 thorium reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

BORAX-5 REACTOR

2000-04-12
ANL/INEEL, Idaho Falls, Idaho, USA. Shut down in 1964.

UF boiling reactor experiment 5
*BT1 enriched uranium reactors
*BT1 power reactors
*BT1 tank type reactors
*BT1 test reactors
*BT1 thermal reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

bordentown nj newbold island-1

reactor

ETDE: 2002-06-16
USE hope creek-1 reactor

bordentown nj newbold island-2

reactor

ETDE: 2002-06-16
USE hope creek-2 reactor

BORDONI PEAK

RT dislocations
RT internal friction

BOREAL REGIONS

INIS: 1992-05-28; ETDE: 1987-02-13
Those regions comprising the climate and biotic communities between the polar regions and the temperate zones.

RT climates
RT cryosphere
RT polar regions
RT temperate zones

BOREHOLE LINKING

INIS: 2000-04-12; ETDE: 1976-11-29
Creation of channels or fissures between boreholes in ore deposits to facilitate movement of gases or liquids.

UF linking (borehole)
NT1 electrolinking
RT propping agents

BOREHOLES

UF drill holes
BT1 cavities
RT borescopes
RT earthmoving equipment
RT electrolinking
RT exploratory wells
RT formation damage
RT openings
RT rock drilling
RT stemming materials
RT subterrene penetrators
RT well logging
RT wells

BORESCOPES

INIS: 1975-11-11; ETDE: 1975-12-16
A device, usually optical, for examining the inside surface of tubes, pipes, or bores.

RT boreholes
RT pipes
RT pressure tubes
RT telescopes
RT tubes
RT well logging

BOREXINO DETECTOR

2016-12-12
*BT1 neutrino detectors
RT gran sasso national laboratory

BORIC ACID

BT1 boron compounds
*BT1 inorganic acids
BT1 oxygen compounds
RT borates

BORIDES

1996-11-13
BT1 boron compounds
NT1 aluminium borides
NT1 barium borides
NT1 beryllium borides
NT1 bismuth borides
NT1 cadmium borides
NT1 calcium borides
NT1 cerium borides
NT1 chromium borides
NT1 cobalt borides
NT1 copper borides
NT1 dysprosium borides
NT1 erbium borides
NT1 europium borides

NT1 gadolinium borides
NT1 germanium borides
NT1 hafnium borides
NT1 holmium borides
NT1 indium borides
NT1 iridium borides
NT1 iron borides
NT1 lanthanum borides
NT1 lithium borides
NT1 lutetium borides
NT1 magnesium borides
NT1 manganese borides
NT1 molybdenum borides
NT1 neodymium borides
NT1 neptunium borides
NT1 nickel borides
NT1 niobium borides
NT1 osmium borides
NT1 palladium borides
NT1 plutonium borides
NT1 potassium borides
NT1 praseodymium borides
NT1 rhenium borides
NT1 rhodium borides
NT1 ruthenium borides
NT1 samarium borides
NT1 scandium borides
NT1 silicon borides
NT1 sodium borides
NT1 strontium borides
NT1 tantalum borides
NT1 terbium borides
NT1 thorium borides
NT1 thulium borides
NT1 tin borides
NT1 titanium borides
NT1 tungsten borides
NT1 uranium borides
NT1 vanadium borides
NT1 ytterbium borides
NT1 yttrium borides
NT1 zinc borides
NT1 zirconium borides
RT ceramics
RT intermetallic compounds

BORN APPROXIMATION

UF born cross sections
UF plane-wave born approximation
UF pwba
*BT1 approximations
NT1 coupled channel born approximation
NT1 dwba
RT perturbation theory
RT quantum mechanics
RT scattering

born-bogolyubov-green-kirkwood-yvon

1993-11-04
USE bbgky equation

born cross sections

USE born approximation

born-green-yvon equation

ETDE: 2002-06-13
USE boltzmann equation

BORN-INFELD THEORY

RT electrodynamics
RT maxwell equations

BORN-MAYER EQUATION

BT1 equations

BORN-OPPENHEIMER APPROXIMATION

*BT1 approximations
RT adiabatic approximation
RT scattering

BORN-VON KARMAN THEORY

RT specific heat

BOROHYDRIDES

Specific compounds, except those of significance to energy research and development such as the NT listed below, should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 boron compounds
BT1 hydrogen compounds
NT1 uranium borohydrides

BORON

*BT1 semimetals

BORON 10

*BT1 boron isotopes
*BT1 light nuclei
*BT1 odd-odd nuclei
*BT1 stable isotopes
RT boron 10 beams
RT boron 10 reactions

BORON 10 BEAMS

*BT1 ion beams
RT boron 10

BORON 10 REACTIONS

*BT1 heavy ion reactions
RT boron 10

BORON 10 TARGET

ETDE: 1976-07-09
BT1 targets

BORON 11

*BT1 boron isotopes
*BT1 light nuclei
*BT1 odd-even nuclei
*BT1 stable isotopes
RT boron 11 beams
RT boron 11 reactions

BORON 11 BEAMS

*BT1 ion beams
RT boron 11

BORON 11 REACTIONS

*BT1 heavy ion reactions
RT boron 11

BORON 11 TARGET

ETDE: 1976-07-09
BT1 targets

BORON 12

*BT1 beta-minus decay radioisotopes
*BT1 boron isotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
RT boron 12 beams

BORON 12 BEAMS

2014-04-25
*BT1 radioactive ion beams
RT boron 12

BORON 12 TARGET

ETDE: 1976-07-09
BT1 targets

BORON 13

*BT1 beta-minus decay radioisotopes
*BT1 boron isotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei

BORON 13 TARGET

INIS: 1975-12-19; ETDE: 1976-07-12
BT1 targets

BORON 14

*BT1 beta-minus decay radioisotopes
*BT1 boron isotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei

BORON 15

*BT1 beta-minus decay radioisotopes
*BT1 boron isotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei

BORON 16

1992-09-22
*BT1 beta-minus decay radioisotopes
*BT1 boron isotopes
*BT1 light nuclei
*BT1 odd-odd nuclei

BORON 17

*BT1 beta-minus decay radioisotopes
*BT1 boron isotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei

BORON 18

INIS: 1985-07-22; ETDE: 1985-02-07
*BT1 boron isotopes
*BT1 light nuclei
*BT1 odd-odd nuclei

BORON 19

*BT1 beta-minus decay radioisotopes
*BT1 boron isotopes
*BT1 light nuclei
*BT1 odd-even nuclei

BORON 6

2007-10-01
*BT1 boron isotopes
*BT1 light nuclei
*BT1 odd-odd nuclei

BORON 7

*BT1 boron isotopes
*BT1 light nuclei
*BT1 odd-even nuclei

BORON 8

*BT1 beta-plus decay radioisotopes
*BT1 boron isotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
RT boron 8 beams

BORON 8 BEAMS

2014-04-25
*BT1 radioactive ion beams
RT boron 8

BORON 8 REACTIONS

1995-05-03
*BT1 heavy ion reactions

BORON 8 TARGET

INIS: 1992-09-22; ETDE: 1981-11-10
BT1 targets

BORON 9

*BT1 alpha decay radioisotopes
*BT1 boron isotopes
*BT1 light nuclei
*BT1 odd-even nuclei

BORON ADDITIONS

1996-11-13
Alloys containing not more than 1% B are listed here.

*BT1 boron alloys
NT1 alloy-in-102
NT1 alloy-mo99b
NT1 alloy-ni43fe33cr16mo3
NT2 nimonic pe16
NT1 alloy-ni46cr23co19ti5al4
NT2 alloy-in-939
NT1 alloy-ni53co19cr15mo5al4ti3
NT2 udimet 700
NT1 alloy-ni55co17cr15mo5al4ti4
NT2 astroloy
NT1 alloy-ni55cr19co11mo10ti3
NT2 rene 41
NT1 alloy-ni58cr20co14mo4ti3
NT2 waspaloy
NT1 alloy-ni59cr20co17ti2
NT1 alloy-ni60co15cr10al6ti5mo3
NT2 alloy-in-100
NT1 alloy-ni61cr16co9al3ti3w3
NT2 alloy-in-738
NT1 alloy-ni62cr16mo15fe3
NT2 hastelloy s
NT1 alloy-ni74cr13al6mo4
NT2 inconel 713c
NT1 alloy-ni75cr12al6mo5
NT2 inconel 713lc
NT1 alloy-ni76cr20ti2
NT2 nimonic 80a
NT1 alloy-ni77cr20ti2
NT1 incoloy 901
NT1 rene 80
NT1 steel-cr15ni15motib
NT1 steel-ni26cr15ti2movalb
NT2 alloy-a-286

BORON ALLOYS

Alloys containing more than 1% B.
BT1 alloys
NT1 boron additions
NT2 alloy-in-102
NT2 alloy-mo99b
NT2 alloy-ni43fe33cr16mo3
NT3 nimonic pe16
NT2 alloy-ni46cr23co19ti5al4
NT3 alloy-in-939
NT2 alloy-ni53co19cr15mo5al4ti3
NT3 udimet 700
NT2 alloy-ni55co17cr15mo5al4ti4
NT3 astroloy
NT2 alloy-ni55cr19co11mo10ti3
NT3 rene 41
NT2 alloy-ni58cr20co14mo4ti3
NT3 waspaloy
NT2 alloy-ni59cr20co17ti2
NT2 alloy-ni60co15cr10al6ti5mo3
NT3 alloy-in-100
NT2 alloy-ni61cr16co9al3ti3w3
NT3 alloy-in-738
NT2 alloy-ni62cr16mo15fe3
NT3 hastelloy s
NT2 alloy-ni74cr13al6mo4
NT3 inconel 713c
NT2 alloy-ni75cr12al6mo5
NT3 inconel 713lc
NT2 alloy-ni76cr20ti2
NT3 nimonic 80a
NT2 alloy-ni77cr20ti2
NT2 incoloy 901
NT2 rene 80
NT2 steel-cr15ni15motib
NT2 steel-ni26cr15ti2movalb
NT3 alloy-a-286
NT1 colmonoy

BORON ARSENIDES*INIS: 1989-04-20; ETDE: 1976-12-15*

*BT1 arsenides

BT1 boron compounds

BORON BROMIDES

*BT1 boron halides

*BT1 bromides

BORON CARBIDES

BT1 boron compounds

*BT1 carbides

BORON CHLORIDES

*BT1 boron halides

*BT1 chlorides

BORON COATED ION CHAMBERS

*BT1 ionization chambers

*BT1 neutron detectors

BORON COMPLEXES

BT1 complexes

BORON COMPOUNDS*1996-08-05*

NT1 boranes

NT1 borates

NT2 borax

NT1 boric acid

NT1 borides

NT2 aluminium borides

NT2 barium borides

NT2 beryllium borides

NT2 bismuth borides

NT2 cadmium borides

NT2 calcium borides

NT2 cerium borides

NT2 chromium borides

NT2 cobalt borides

NT2 copper borides

NT2 dysprosium borides

NT2 erbium borides

NT2 europium borides

NT2 gadolinium borides

NT2 germanium borides

NT2 hafnium borides

NT2 holmium borides

NT2 indium borides

NT2 iridium borides

NT2 iron borides

NT2 lanthanum borides

NT2 lithium borides

NT2 lutetium borides

NT2 magnesium borides

NT2 manganese borides

NT2 molybdenum borides

NT2 neodymium borides

NT2 neptunium borides

NT2 nickel borides

NT2 niobium borides

NT2 osmium borides

NT2 palladium borides

NT2 plutonium borides

NT2 potassium borides

NT2 praseodymium borides

NT2 rhodium borides

NT2 rhodium borides

NT2 ruthenium borides

NT2 samarium borides

NT2 scandium borides

NT2 silicon borides

NT2 sodium borides

NT2 strontium borides

NT2 tantalum borides

NT2 terbium borides

NT2 thorium borides

NT2 thulium borides

NT2 tin borides

NT2 titanium borides

NT2 tungsten borides

NT2 uranium borides

NT2 vanadium borides

NT2 ytterbium borides

NT2 yttrium borides

NT2 zinc borides

NT2 zirconium borides

NT1 borohydrides

NT2 uranium borohydrides

NT1 boron arsenides

NT1 boron carbides

NT1 boron halides

NT2 boron bromides

NT2 boron chlorides

NT2 boron fluorides

NT2 boron iodides

NT1 boron hydrides

NT1 boron hydroxides

NT1 boron nitrides

NT1 boron oxides

NT1 boron phosphates

NT1 boron phosphides

NT1 boron silicates

NT1 boron silicides

NT1 boron sulfides

NT1 boronic acids

NT1 fluoroborates

NT1 fluoroboric acid

RT organic boron compounds

boron dilution accident*2017-07-18*

USE uncontrolled boron dilution

BORON FLUORIDES

*BT1 boron halides

*BT1 fluorides

RT fluoroborates

BORON HALIDES*2012-07-19*

BT1 boron compounds

*BT1 halides

NT1 boron bromides

NT1 boron chlorides

NT1 boron fluorides

NT1 boron iodides

BORON HYDRIDES*1996-08-05*

(Until July 1996 this concept was indexed to BORANES.)

BT1 boron compounds

*BT1 hydrides

BORON HYDROXIDES

BT1 boron compounds

*BT1 hydroxides

boron injection*1995-05-02*

USE safety injection

BORON IODIDES

*BT1 boron halides

*BT1 iodides

BORON IONS

*BT1 ions

BORON ISOTOPES*1999-07-16*

BT1 isotopes

NT1 boron 10

NT1 boron 11

NT1 boron 12

NT1 boron 13

NT1 boron 14

NT1 boron 15

NT1 boron 16

NT1 boron 17

NT1 boron 18

NT1 boron 19

NT1 boron 6

NT1 boron 7

NT1 boron 8

NT1 boron 9

BORON LINED COUNTERS

*BT1 neutron detectors

*BT1 proportional counters

BORON NITRIDES

BT1 boron compounds

*BT1 nitrides

BORON OXIDES

BT1 boron compounds

*BT1 oxides

RT borates

BORON PHOSPHATES

BT1 boron compounds

*BT1 phosphates

RT borophosphate glass

BORON PHOSPHIDES*INIS: 1978-07-03; ETDE: 1976-03-11*

BT1 boron compounds

*BT1 phosphides

BORON SILICATES

BT1 boron compounds

*BT1 silicates

RT borosilicate glass

RT silicate minerals

RT tourmaline

BORON SILICIDES*INIS: 1985-09-06; ETDE: 1981-03-16*

BT1 boron compounds

*BT1 silicides

BORON SULFIDES

BT1 boron compounds

*BT1 sulfides

BORONIC ACIDS

BT1 boron compounds

*BT1 organic acids

BOROPHOSPHATE GLASS*INIS: 2000-04-04; ETDE: 1980-10-07**Low expansion heat resistant glass.*

UF borophosphates

BT1 glass

RT boron phosphates

RT borosilicate glass

RT phosphate glass

borophosphates*INIS: 1981-02-27; ETDE: 1980-10-07*

USE borophosphate glass

BOROSILICATE GLASS*INIS: 1980-11-07; ETDE: 1980-07-09**Low expansion heat resistant glass.*

UF borosilicates

BT1 glass

NT1 pyrex

RT boron silicates

RT borophosphate glass

borosilicates*INIS: 1980-11-07; ETDE: 1980-07-23*

(Prior to July 1980 this was a valid term and older information is so indexed.)

USE borosilicate glass

BORSSELE REACTOR*Borssele, Zeeland, Netherlands.*

UF kcb reactor

UF kernenergiecentrale borssele reactor

*BT1 pwr type reactors

BOSCH PROCESS

2000-04-12

Catalytic process for hydrogen production from carbon monoxide and steam.

BT1 chemical reactions
 RT carbon monoxide
 RT hydrogen production
 RT steam

BOSE-EINSTEIN CONDENSATION

RT pion condensation
 RT superfluidity

BOSE-EINSTEIN GAS

RT bose-einstein statistics
 RT bosons
 RT fermi gas

BOSE-EINSTEIN STATISTICS

RT bose-einstein gas
 RT bosons
 RT cooper pairs
 RT fermi statistics
 RT parastatistics
 RT statistical mechanics

BOSNIA AND HERZEGOVINA

INIS: 1997-11-11; ETDE: 2000-10-12

SF yugoslavia
 *BT1 eastern europe

BOSON-EXCHANGE MODELS

UF meson exchange
 *BT1 peripheral models
 NT1 obe model
 NT2 ope model
 NT3 electric born model
 NT1 sigma model
 RT deep inelastic scattering

BOSON EXPANSION

INIS: 1986-01-21; ETDE: 1984-11-08

UF bosonization
 RT boson-fermion symmetry
 RT collective model
 RT dyson representation
 RT generator-coordinate method
 RT hartree-fock-bogolyubov theory
 RT interacting boson model
 RT quantum mechanics
 RT quantum operators
 RT random phase approximation
 RT series expansion
 RT tamm-dancoff method

BOSON-FERMION SYMMETRY

1984-12-04

Symmetry of a system containing a conserved number of bosons as well as fermions in which bosons and fermions share a common symmetry.

UF dynamical boson-fermion symmetry
 UF fermion-boson symmetry
 UF spinor symmetry
 BT1 symmetry
 RT boson expansion
 RT bosons
 RT dynamical groups
 RT fermions
 RT interacting boson model

bosonization

INIS: 2000-04-12; ETDE: 1984-11-08

USE boson expansion

BOSONS

NT1 gluons
 NT1 goldstone bosons
 NT2 axions
 NT2 majorons
 NT1 higgs bosons
 NT1 intermediate bosons

NT2 intermediate vector bosons

NT3 w minus bosons
 NT3 w plus bosons
 NT3 z neutral bosons

NT1 leptoquarks

NT1 mesons

NT2 antimesons
 NT3 pseudoscalar antimesons
 NT4 anti-b neutral mesons
 NT4 anti-d neutral mesons

NT2 axial vector mesons

NT3 a1-1260 mesons
 NT3 b1-1235 mesons
 NT3 chi b1-9890 mesons
 NT3 chi1-3510 mesons
 NT3 d s-2536 mesons
 NT3 d1-2420 mesons
 NT3 f1-1285 mesons
 NT3 f1-1420 mesons
 NT3 f1-1510 mesons
 NT3 h1-1170 mesons
 NT3 k1-1270 mesons
 NT3 k1-1400 mesons

NT2 baryonium

NT2 beauty mesons

NT3 b c mesons
 NT3 b mesons
 NT4 b minus mesons
 NT4 b neutral mesons
 NT5 anti-b neutral mesons
 NT4 b plus mesons

NT3 b s mesons
 NT3 b*-5325 mesons
 NT2 bottomonium

NT3 chi b0-10235 mesons
 NT3 chi b0-9860 mesons
 NT3 chi b1-10255 mesons
 NT3 chi b1-9890 mesons
 NT3 chi b2-10270 mesons
 NT3 chi b2-9915 mesons
 NT3 upsilon-10023 mesons
 NT3 upsilon-10355 mesons
 NT3 upsilon-10580 mesons
 NT3 upsilon-10860 mesons
 NT3 upsilon-11020 mesons
 NT3 upsilon-9460 mesons

NT2 charmed mesons

NT3 b c mesons
 NT3 d mesons
 NT4 d minus mesons
 NT4 d neutral mesons
 NT5 anti-d neutral mesons
 NT4 d plus mesons

NT3 d s-2536 mesons
 NT3 d s mesons
 NT3 d*-2010 mesons
 NT3 d*2-2460 mesons
 NT3 d*s-2110 mesons
 NT3 d1-2420 mesons

NT2 charmonium

NT3 chi0-3415 mesons
 NT3 chi1-3510 mesons
 NT3 chi2-3555 mesons
 NT3 eta c-2980 mesons
 NT3 eta c-3590 mesons
 NT3 j psi-3097 mesons
 NT3 psi-3685 mesons
 NT3 psi-3770 mesons
 NT3 psi-4040 mesons
 NT3 psi-4160 mesons
 NT3 psi-4415 mesons

NT2 phi mesons

NT3 phi-1020 mesons
 NT3 phi-1680 mesons
 NT3 phi3-1850 mesons

NT2 pseudoscalar mesons

NT3 b c mesons
 NT3 b mesons
 NT4 b minus mesons

NT4 b neutral mesons

NT5 anti-b neutral mesons

NT4 b plus mesons

NT3 b s mesons

NT3 d mesons

NT4 d minus mesons

NT4 d neutral mesons

NT5 anti-d neutral mesons

NT4 d plus mesons

NT3 d s mesons

NT3 eta-1295 mesons

NT3 eta-1440 mesons

NT3 eta c-2980 mesons

NT3 eta mesons

NT3 eta prime-958 mesons

NT3 k-1460 mesons

NT3 k-1830 mesons

NT3 kaons

NT4 antikaons

NT5 antikaons neutral

NT4 cosmic kaons

NT4 kaons minus

NT4 kaons neutral

NT5 antikaons neutral

NT5 kaons neutral long-lived

NT5 kaons neutral short-lived

NT4 kaons plus

NT3 pi-1300 mesons

NT3 pi-1770 mesons

NT3 pions

NT4 cosmic pions

NT4 pions minus

NT4 pions neutral

NT4 pions plus

NT3 pseudoscalar antimesons

NT4 anti-b neutral mesons

NT4 anti-d neutral mesons

NT2 scalar mesons

NT3 a0-980 mesons

NT3 chi0-3415 mesons

NT3 f0-1240 mesons

NT3 f0-1300 mesons

NT3 f0-1590 mesons

NT3 f0-1730 mesons

NT3 f0-980 mesons

NT3 k*0-1430 mesons

NT2 strange mesons

NT3 b s mesons

NT3 d s-2536 mesons

NT3 d s mesons

NT3 d*s-2110 mesons

NT3 k-1460 mesons

NT3 k-1830 mesons

NT3 k*-1410 mesons

NT3 k*-1680 mesons

NT3 k*-892 mesons

NT3 k*0-1430 mesons

NT3 k*2-1430 mesons

NT3 k*3-1780 mesons

NT3 k*4-2045 mesons

NT3 k1-1270 mesons

NT3 k1-1400 mesons

NT3 k2-1770 mesons

NT3 k2-1820 mesons

NT3 kaons

NT4 antikaons

NT5 antikaons neutral

NT4 cosmic kaons

NT4 kaons minus

NT4 kaons neutral

NT5 antikaons neutral

NT5 kaons neutral long-lived

NT5 kaons neutral short-lived

NT4 kaons plus

NT2 strangeonium

NT3 f2 prime-1525 mesons

NT2 tensor mesons

NT3 a2-1320 mesons

NT3 a4-2040 mesons

NT3 a6-2450 mesons
NT3 chi b2-9915 mesons
NT3 chi2-3555 mesons
NT3 d*2-2460 mesons
NT3 f2-1270 mesons
NT3 f2-1430 mesons
NT3 f2-1720 mesons
NT3 f2-1810 mesons
NT3 f2-2010 mesons
NT3 f2-2300 mesons
NT3 f2-2340 mesons
NT3 f2 prime-1525 mesons
NT3 f4-2050 mesons
NT3 f4-2300 mesons
NT3 f6-2510 mesons
NT3 k*2-1430 mesons
NT3 k*3-1780 mesons
NT3 k*4-2045 mesons
NT3 k2-1770 mesons
NT3 k2-1820 mesons
NT3 omega3-1670 mesons
NT3 phi3-1850 mesons
NT3 pi2-1670 mesons
NT3 pi2-2100 mesons
NT3 rho3-1690 mesons
NT3 rho3-2250 mesons
NT3 rho5-2350 mesons
NT2 toponium
NT2 vector mesons
NT3 b*-5325 mesons
NT3 d*-2010 mesons
NT3 j psi-3097 mesons
NT3 k*-1410 mesons
NT3 k*-1680 mesons
NT3 k*-892 mesons
NT3 omega-1420 mesons
NT3 omega-1600 mesons
NT3 omega-782 mesons
NT3 phi-1020 mesons
NT3 phi-1680 mesons
NT3 psi-3685 mesons
NT3 psi-3770 mesons
NT3 psi-4040 mesons
NT3 psi-4160 mesons
NT3 psi-4415 mesons
NT3 rho-1450 mesons
NT3 rho-1700 mesons
NT3 rho-2150 mesons
NT3 rho-770 mesons
NT3 upsiln-10023 mesons
NT3 upsiln-10355 mesons
NT3 upsiln-10580 mesons
NT3 upsiln-10860 mesons
NT3 upsiln-11020 mesons
NT3 upsiln-9460 mesons
NT2 x-1700 mesons
NT2 x-1935 mesons
NT2 x-2220 mesons
NT2 x-3075 mesons
NT1 photons
NT2 cosmic photons
RT bose-einstein gas
RT bose-einstein statistics
RT boson-fermion symmetry
RT interacting boson model

BOTANY

BT1 biology
NT1 geobotany
RT plants

BOTSWANA

BT1 africa
BT1 developing countries

bottom baryons

INIS: 1987-12-21; ETDE: 1988-03-16
USE beauty baryons

bottom-hole pressure

INIS: 2000-04-12; ETDE: 1978-08-10
USE well pressure

bottom mesons

INIS: 1987-12-21; ETDE: 1984-12-26
USE beauty mesons

bottom particles

INIS: 1985-01-17; ETDE: 1985-02-22
USE beauty particles

bottom quark model

INIS: 2000-04-12; ETDE: 1979-11-07
USE flavor model

BOTTOMING CYCLES

1996-08-05
 (Until July 1996 this concept was indexed to THERMODYNAMICCYCLES.)
BT1 thermodynamic cycles

BOTTOMONIUM

INIS: 1995-10-04; ETDE: 1988-02-01
A bound state of bottom and antibottom quarks.

SF upsiln resonances
***BT1** mesons
BT1 quarkonium
NT1 chi b0-10235 mesons
NT1 chi b0-9860 mesons
NT1 chi b1-10255 mesons
NT1 chi b1-9890 mesons
NT1 chi b2-10270 mesons
NT1 chi b2-9915 mesons
NT1 upsiln-10023 mesons
NT1 upsiln-10355 mesons
NT1 upsiln-10580 mesons
NT1 upsiln-10860 mesons
NT1 upsiln-11020 mesons
NT1 upsiln-9460 mesons
RT b quarks
RT beauty particles

BOUND STATE

RT charmonium
RT coupling
RT efimov effect
RT energy levels
RT glueballs
RT impulse approximation
RT kaonium
RT pi-k atoms
RT pi-mu atoms
RT pionium
RT quarkonium
RT quasibound state
RT toponium

boundaries (grain)

USE grain boundaries

BOUNDARY CONDITIONS

UF asymptotic conditions
NT1 marshak boundary conditions
NT1 moving-boundary conditions
RT asymptotic solutions
RT boundary-value problems
RT cauchy problem
RT differential equations
RT phi4-field theory

BOUNDARY ELEMENT METHOD

INIS: 1992-01-22; ETDE: 1992-02-14
***BT1** finite element method
RT computer calculations
RT finite difference method
RT mathematics
RT mesh generation

BOUNDARY LAYERS

BT1 layers
NT1 plasma scrape-off layer
RT fluid flow
RT nusselt number
RT plasma sheath
RT plasma surface waves
RT plasmopause
RT prandtl number
RT reynolds number
RT rosseland approximation
RT tropopause

BOUNDARY-VALUE PROBLEMS

INIS: 1985-07-22; ETDE: 1976-05-13
 (Valid ETDE descriptor since May 1976. In INIS, prior to April 1982 this material was indexed to BOUNDARY CONDITIONS; from then till July 1985 the form BOUNDARY VALUE PROBLEMS was used.)
NT1 dirichlet problem
RT boundary conditions
RT cauchy problem
RT differential equations

bovine

USE cattle

BOWING

2003-10-21
Geometric changes due to temperature and/or fluence gradients.
BT1 deformation
RT temperature dependence
RT thermoelasticity

bowline operation

INIS: 2000-04-12; ETDE: 1979-11-23
 (Prior to February 1995, this was a valid ETDE descriptor.)
USE nuclear explosions
USE underground explosions

BOX MODELS

INIS: 1992-03-10; ETDE: 1987-07-31
BT1 mathematical models
RT atmospheric circulation
RT climate models
RT oceanic circulation
RT simulation

boxcar event

1994-10-13
A test made during OPERATION CROSSTIE.
 (Prior to September 1994, this was a valid ETDE descriptor.)
USE nuclear explosions
USE underground explosions

BPH

UF benzoylphenylhydroxylamine
***BT1** amines
***BT1** hydroxy compounds
RT amides

BQ RANGE

2012-05-31
BT1 radioactivity range
NT1 bq range 01-10
NT1 bq range 10-100
NT1 bq range 100-1000

BQ RANGE 01-10

2012-05-31
***BT1** bq range

BQ RANGE 10-100

2012-05-31
***BT1** bq range

BQ RANGE 100-1000

2012-05-31

*BT1 bq range

BR-02 REACTOR

C.E.N.-S.C.K. Mol, Belgium. Shut down in 1987, decommissioned.

UF belgian reactor 02

UF br-2 zero power mock-up reactor

*BT1 beryllium moderated reactors

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 test reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

BR-1 REACTOR

C.E.N.-S.C.K. Mol, Belgium.

UF belgian reactor 1

*BT1 air cooled reactors

*BT1 graphite moderated reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

br-1 reactor (russian federation)

1999-03-11

USE sbr-1 reactor

BR-2 REACTOR

UF belgian reactor 2

*BT1 enriched uranium reactors

*BT1 materials testing reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

br-2 reactor (russian federation)

1999-03-11

USE sbr-2 reactor

br-2 zero power mock-up reactor

1993-11-04

USE br-02 reactor

BR-3 REACTOR

Mol, Belgium. Permanent shutdown since 1987.

UF belgian reactor 3

*BT1 pwr type reactors

br-3-vn reactor

2018-03-07

(BR-3-VN REACTOR was a valid descriptor until March 2018)

USE enriched uranium reactors

USE experimental reactors

USE heavy water cooled reactors

USE heavy water moderated reactors

USE mixed spectrum reactors

USE tank type reactors

USE water cooled reactors

USE water moderated reactors

br-5 reactor (russian federation)

1999-03-11

USE sbr-5 reactor

BRACHYTHERAPY

INIS: 2003-10-06; ETDE: 2003-09-30

Radiotherapy in which the radioactive source is close to the body area being treated, either implanted, in physical contact, or located a short distance away.

*BT1 radiotherapy

NT1 radioembolization

RT internal irradiation

RT radiation source implants

RT radiopharmaceuticals

brackish water ecosystems

USE aquatic ecosystems

BRADWELL REACTOR

Southminster, Essex, United Kingdom.

BRADWELL-1 and 2 were permanently shut down since 2002.

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 thermal reactors

BRADYKININ

1993-08-03

(Until August 1993, this concept was indexed by the broader term KININS.)

*BT1 kinins

bragg angle

USE bragg reflection

BRAGG CURVE

UF bragg peak

UF bragg zone

*BT1 diagrams

RT energy losses

RT ionization

RT let

bragg diffraction

USE bragg reflection

BRAGG GRAY CHAMBERS

UF air wall ionization chambers

UF cavity ionization chambers

UF tissue equivalent chambers

*BT1 dosimeters

*BT1 ionization chambers

bragg law

USE bragg reflection

bragg peak

USE bragg curve

BRAGG REFLECTION

UF bragg angle

UF bragg diffraction

UF bragg law

UF laue-bragg scattering

BT1 reflection

RT diffuse scattering

RT x-ray diffraction

bragg zone

USE bragg curve

BRAHMAPUTRA RIVER

INIS: 1993-10-01; ETDE: 1993-11-08

*BT1 rivers

RT india

BRAHMMA FACILITY

2016-07-13

Bhabha Atomic Research Centre, Trombay,

Mumbai, Maharashtra, India

*BT1 accelerator-driven subcritical systems

RT barc

BRAIDWOOD-1 REACTOR

Exelon Generation Co., LLC, Braidwood,

Illinois, USA.

*BT1 pwr type reactors

BRAIDWOOD-2 REACTOR

Exelon Generation Co., LLC, Braidwood,

Illinois, USA.

*BT1 pwr type reactors

BRAIN

*BT1 central nervous system

*BT1 organs

NT1 cerebellum

NT1 cerebrum

NT2 cerebral cortex

NT1 hippocampus

NT1 hypothalamus

NT1 olfactory bulbs

NT1 thalamus

RT cerebral arteries

RT electroencephalography

RT encephalitis

RT endorphins

RT head

RT mental disorders

RT pineal gland

RT skull

BRAKES

BT1 machine parts

NT1 water brakes

RT regenerative braking

braking radiation

USE bremsstrahlung

BRANCHING RATIO

BT1 dimensionless numbers

RT bethe-heitler theory

RT decay

RT ft value

RT mixing ratio

BRANCHIOPODS

INIS: 1993-07-13; ETDE: 1981-06-15

*BT1 crustaceans

NT1 artemia

NT1 daphnia

brane cosmology

2007-08-13

USE m-theory

brane models

2007-08-13

USE m-theory

brane theory

2007-08-13

USE m-theory

BRANES

2007-08-13

Spatially extended entities that appear in string theory and its relatives (M-theory and brane cosmology).

UF p-branes

UF s-branes

NT1 d-branes

RT cosmological inflation

RT cosmological models

RT particle models

RT string theory

BRANNERITE

*BT1 oxide minerals

*BT1 thorium minerals

*BT1 uranium minerals

RT thorium oxides

RT titanium oxides

RT uranium oxides

**brasil-argentina agencia contabil
controla mater nuclear**

INIS: 1999-06-22; ETDE: 2002-06-13

USE abacc

brasimone pec reactor

USE pec brasimone reactor

BRASS

*BT1 copper base alloys

*BT1 zinc alloys

NT1 brass-alpha

NT1 brass-beta
 RT heusler alloys
 RT muntz metal
 RT ounce metal

BRASS-ALPHA

*BT1 brass

BRASS-BETA

*BT1 brass

BRASSICA

UF cabbage
 UF cauliflower
 UF mustard
 UF rapeseed
 UF sarson
 UF turnips
 *BT1 magnoliopsida
 *BT1 vegetables
 NT1 kale
 RT radishes

braun standard turbine island

INIS: 2000-04-12; ETDE: 1975-07-29
 (Prior to February 1995, this was a valid ETDE descriptor.)
 SEE bwr type reactors
 SEE steam systems
 SEE turbogenerators

braunschweig experimental reactor

1993-11-04
 USE fmrbr reactor

braunschweig research reactor

USE fmrbr reactor

bravo event

INIS: 1994-10-14; ETDE: 1984-05-23
A test made during OPERATION CASTLE.
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE surface explosions
 USE thermonuclear explosions

BRAWLEY GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1982-07-27
 *BT1 california
 BT1 geothermal fields

BRAYTON CYCLE

A thermodynamic cycle consisting of two constant-pressure processes interspersed with two constant-entropy cycles.
 BT1 thermodynamic cycles
 RT brayton cycle power systems
 RT thermodynamics

BRAYTON CYCLE POWER SYSTEMS

1999-01-29
 (Until January 1999 this concept was indexed by BRAYTON CYCLE and POWER GENERATION.)
 *BT1 power systems
 RT brayton cycle
 RT gas turbines
 RT solar heat engines

BRAZED JOINTS

BT1 joints
 RT brazing

BRAZIL

UF goiania radiological emergency
 BT1 developing countries
 *BT1 south america
 RT amazon river
 RT osamu utsumi mine

brazil lab for synchrotron radiation

1991-02-11
 USE brazilian lnls

brazil triga reactor

INIS: 1984-06-21; ETDE: 2002-06-13
 USE triga-brazil reactor

BRAZILIAN CNEN

INIS: 1982-08-27; ETDE: 1982-09-10
Comissao Nacional de Energia Nuclear de Brasil.
 UF cnen brazil
 UF comissao nacional energia nuclear de brazil
 *BT1 brazilian organizations

BRAZILIAN LNLS

1991-02-11
Brazilian Laboratory for Synchrotron Radiation.
 UF brazil lab for synchrotron radiation
 *BT1 brazilian organizations

brazilian lnls synchrotron

1991-02-11
 USE lnls storage ring

brazilian multipurpose reactor

2018-03-07
 USE rmb reactor

BRAZILIAN ORGANIZATIONS

INIS: 1977-03-29; ETDE: 1977-06-03
 BT1 national organizations
 NT1 brazilian cnen
 NT1 brazilian lnls
 NT1 nuclebras

BRAZING

UF hard soldering
 *BT1 welding
 RT brazed joints
 RT brazing alloys
 RT soldering

BRAZING ALLOYS

BT1 alloys
 RT brazing
 RT filler metals

BRAZOS RIVER

2000-04-12
 *BT1 rivers
 RT texas

BRAZZAVILLE

2000-04-12
 *BT1 congo peoples republic

BREAD

BT1 food
 RT flour

BREAKDOWN

Limited to electric discharge phenomena. See also CLEAVAGE or DECOMPOSITION.
 RT electric discharges
 RT electric potential
 RT electric sparks
 RT electrical faults
 RT flashover
 RT lichtenberg figures
 RT overvoltage
 RT paschen law
 RT spark gaps

breakers (circuit)

USE circuit breakers

BREAKEVEN

UF zero energy balance
 BT1 energy balance

RT lawson criterion
 RT plasma
 RT thermonuclear reactors

breakup fusion

INIS: 1985-01-18; ETDE: 2002-06-13
 USE incomplete fusion reactions

BREAKUP REACTIONS

BT1 nuclear reactions

breakwaters

2000-04-12
 USE dams

breasts

USE mammary glands

BREATH

RT air
 RT exhalation
 RT inhalation
 RT respiration
 RT respirators
 RT respiratory system
 RT respiratory system diseases

breathing

USE respiration

BREEDER REACTORS

BT1 reactors
 NT1 fbr type reactors
 NT2 aipfr reactor
 NT2 gcfr type reactors
 NT3 gcfr reactor
 NT2 kalpakkam pfbr reactor
 NT2 lmfr type reactors
 NT3 beloyarsk-3 reactor
 NT3 beloyarsk-4 reactor
 NT3 bn-1200 reactor
 NT3 bn-1600 reactor
 NT3 bn-350 reactor
 NT3 bor-60 reactor
 NT3 cdfr reactor
 NT3 clinch river breeder reactor
 NT3 dfr reactor
 NT3 ebr-1 reactor
 NT3 ebr-2 reactor
 NT3 enrico fermi-1 reactor
 NT3 joyo reactor
 NT3 kalpakkam lmfr reactor
 NT3 monju reactor
 NT3 pfr reactor
 NT3 phenix reactor
 NT3 plbr reactor
 NT3 rapsodie reactor
 NT3 sbr-1 reactor
 NT3 sbr-2 reactor
 NT3 sbr-5 reactor
 NT3 snr-2 reactor
 NT3 snr reactor
 NT3 superphenix reactor
 NT3 venus reactor
 NT2 pec brasimone reactor
 NT2 zebra reactor
 NT1 lwbr type reactors
 RT accelerator breeders
 RT breeding blankets
 RT breeding pellets
 RT zpr-9 reactor

BREEDING

Fuel breeding only. See also ANIMAL BREEDING and PLANT BREEDING.

BT1 nuclear fuel conversion
 RT accelerator breeders
 RT breeding blankets
 RT breeding pellets
 RT breeding ratio
 RT transmutation

RT tritium recovery

BREEDING BLANKETS

UF blankets (breeding)
BT1 reactor components
RT breeder reactors
RT breeding
RT breeding pellets
RT fertile materials
RT flibe
RT lotus facility
RT thermonuclear devices
RT tritium recovery

BREEDING PELLETS

ETDE: 1976-08-24
BT1 pellets
RT breeder reactors
RT breeding
RT breeding blankets
RT pelletizing
RT thermonuclear reactors

BREEDING RATIO

*BT1 conversion ratio
RT breeding

BREIT-WIGNER FORMULA

UF single-level resonance formula
RT cross sections
RT multilevel analysis

BREMSSTRAHLUNG

UF braking radiation
*BT1 electromagnetic radiation
NT1 cyclotron radiation
NT1 internal bremsstrahlung
NT1 undulator radiation
NT1 synchrotron radiation
RT bethe-heitler theory
RT migdal theory
RT peierls method
RT penfold-leiss method
RT radiation length
RT tagged photon method

bremsstrahlung (magnetic)

USE synchrotron radiation

brennilis reactor

2010-08-17
USE el-4 reactor

breast-300 reactor

2018-11-07
USE breast-od-300 reactor

BREST-OD-300 REACTOR

2018-11-07
Scope Note: Seversk, Russian Federation.
Under construction.
UF breast-300 reactor
*BT1 experimental reactors
*BT1 fast reactors
*BT1 lead cooled reactors
*BT1 power reactors

BRICKS

*BT1 building materials
RT adobe

BRIDGES

1991-09-25
BT1 mechanical structures
RT roads

bridges (electric)

USE electric bridges

BRIDGMAN METHOD

BT1 crystal growth methods
RT crystal growth

BRIGGS CRITERION

Allows distinguishing between absolute and convective plasma instabilities.
RT absolute instabilities
RT convective instabilities

brigham young university laboratory reactor

2000-04-12
USE byu l-77 reactor

BRIGHTNESS

*BT1 optical properties
RT beam emittance
RT illuminance
RT lighting requirements
RT luminosity

BRILLOUIN EFFECT

UF brillouin scattering
*BT1 coherent scattering

brillouin scattering

USE brillouin effect

BRILLOUIN THEOREM

2000-04-12
Theorem states that if two determinants constructed from exact Hartree-Fock orbitals differ in one spin orbital, the matrix element connecting these two determinants will vanish.
RT energy levels
RT matrix elements
RT wave functions

BRILLOUIN ZONES

BT1 zones
RT band theory

brine shrimp

INIS: 2000-04-12; ETDE: 1981-06-15
USE artemia

BRINELL HARDNESS

RT hardness

BRINES

Water solutions saturated or strongly impregnated with common salt.
RT disposal wells
RT geothermal fluids
RT saline aquifers
RT salinity
RT salts
RT seawater
RT solutions

BRINKMAN-KRAMERS APPROXIMATION

*BT1 approximations
RT perturbation theory
RT scattering

BRIQUETS

2000-04-12
*BT1 solid fuels
RT coal fines
RT fossil fuels

BRIQUETTING

INIS: 1993-03-24; ETDE: 1975-10-01
*BT1 molding
RT agglomeration
RT caking
RT compacting
RT formed coke processes
RT pelletizing

british anti-lewisite

INIS: 2005-01-31; ETDE: 2005-02-01
USE dimercaprol

BRITISH COAL

INIS: 2000-04-12; ETDE: 1989-05-17
*BT1 united kingdom organizations

BRITISH COLUMBIA

*BT1 canada
RT blizzard deposit
RT peace river

british experimental pile operation

1993-11-04
USE bepo reactor

british gas corporation process

INIS: 2000-04-12; ETDE: 1976-01-07
USE crg processes

british guiana

1999-05-05
Now Guyana, an independent republic.
(Until May 1999 this was a valid descriptor.)
USE guyana

british nuclear fuels limited

INIS: 1980-04-02; ETDE: 1980-05-06
USE bnfl

BRITTLE-DUCTILE TRANSITIONS

1998-10-23
UF transitions (brittle-ductile)
RT brittleness
RT ductility
RT embrittlement

BRITTLENESS

BT1 mechanical properties
RT brittle-ductile transitions
RT crack propagation
RT ductile-brittle transitions
RT embrittlement
RT helium embrittlement
RT hydrogen embrittlement

broadening (line)

INIS: 1978-09-28; ETDE: 2002-06-13
USE line broadening

BROADLANDS GEOTHERMAL FIELD

2000-04-12
BT1 geothermal fields
RT geothermal hot-water systems
RT new zealand

BROEGGERITE

2000-04-12
*BT1 uraninites

BROENSTED ACIDS

INIS: 1996-08-05; ETDE: 1983-09-15
An acid as proton donor.
*BT1 inorganic acids
RT lewis acids

BROKDORF REACTOR

INIS: 1976-09-06; ETDE: 1976-11-01
Wilstermarsch, Schleswig-Holstein, Federal Republic of Germany.
UF kernkraftwerk brokdorf
*BT1 pwr type reactors

BROKEN-PAIR APPROXIMATION

1978-08-14
A method, which conserves nucleon number, developed to treat pairing correlations in nuclei. It is an approximation to the seniority shell model and takes into account the quasi-particle residual interaction.
*BT1 approximations
RT nuclear theory
RT shell models

bromamines

INIS: 1984-04-04; ETDE: 1980-12-08
(Prior to April 1994, this was a valid ETDE descriptor.)
USE amines
USE organic bromine compounds

BROMATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

*BT1 bromine compounds
BT1 oxygen compounds
RT bromic acid

BROMIC ACID

*BT1 bromine compounds
*BT1 inorganic acids
BT1 oxygen compounds
RT bromates

BROMIDES

1997-06-17
UF teab
UF tetraethylammonium bromide
*BT1 bromine compounds
*BT1 halides
NT1 actinium bromides
NT1 aluminium bromides
NT1 americium bromides
NT1 antimony bromides
NT1 arsenic bromides
NT1 astatine bromides
NT1 barium bromides
NT1 berkelium bromides
NT1 beryllium bromides
NT1 bismuth bromides
NT1 boron bromides
NT1 cadmium bromides
NT1 calcium bromides
NT1 californium bromides
NT1 cerium bromides
NT1 cesium bromides
NT1 chromium bromides
NT1 cobalt bromides
NT1 copper bromides
NT1 curium bromides
NT1 dysprosium bromides
NT1 einsteinium bromides
NT1 erbium bromides
NT1 europium bromides
NT1 fermium bromides
NT1 gadolinium bromides
NT1 gallium bromides
NT1 germanium bromides
NT1 gold bromides
NT1 hafnium bromides
NT1 holmium bromides
NT1 hydrogen bromides
NT1 indium bromides
NT1 iodine bromides
NT1 iron bromides
NT1 krypton bromides
NT1 lanthanum bromides
NT1 lead bromides
NT1 lithium bromides
NT1 lutetium bromides
NT1 magnesium bromides
NT1 manganese bromides
NT1 mercury bromides
NT1 molybdenum bromides
NT1 neodymium bromides
NT1 neon bromides
NT1 neptunium bromides
NT1 nickel bromides
NT1 niobium bromides
NT1 nitrogen bromides
NT1 palladium bromides
NT1 phosphorus bromides

NT1 platinum bromides
NT1 plutonium bromides
NT1 polonium bromides
NT1 potassium bromides
NT1 praseodymium bromides
NT1 promethium bromides
NT1 protactinium bromides
NT1 radium bromides
NT1 rhenium bromides
NT1 rhodium bromides
NT1 rubidium bromides
NT1 ruthenium bromides
NT1 samarium bromides
NT1 scandium bromides
NT1 selenium bromides
NT1 silicon bromides
NT1 silver bromides
NT1 sodium bromides
NT1 strontium bromides
NT1 tantalum bromides
NT1 technetium bromides
NT1 tellurium bromides
NT1 terbium bromides
NT1 thallium bromides
NT1 thorium bromides
NT1 thulium bromides
NT1 tin bromides
NT1 titanium bromides
NT1 tungsten bromides
NT1 uranium bromides
NT1 vanadium bromides
NT1 xenon bromides
NT1 ytterbium bromides
NT1 yttrium bromides
NT1 zinc bromides
NT1 zirconium bromides
RT bromine additions
RT oxybromides

brominated alicyclic hydrocarbons

2000-04-12
(Prior to February 1995, this was a valid ETDE descriptor.)
USE halogenated alicyclic hydrocarbons
USE organic bromine compounds

BROMINATED ALIPHATIC HYDROCARBONS

1999-04-13
(Prior to October 1991, this concept was indexed by ORGANIC BROMINE COMPOUNDS.)
*BT1 halogenated aliphatic hydrocarbons
*BT1 organic bromine compounds
NT1 bromoform
NT1 methyl bromide

BROMINATED AROMATIC HYDROCARBONS

1991-10-01
(Prior to October 1991, this concept was indexed by ORGANIC BROMINE COMPOUNDS and AROMATICS.)
*BT1 halogenated aromatic hydrocarbons
*BT1 organic bromine compounds

brominated hydrocarbons

ETDE: 2002-06-13
USE organic bromine compounds

BROMINATION

*BT1 halogenation

BROMINE

UF bromine bromides
*BT1 halogens

BROMINE 67

2007-10-22
*BT1 bromine isotopes
*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei
*BT1 odd-even nuclei

BROMINE 68

2007-10-22
*BT1 bromine isotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei

BROMINE 69

*BT1 beta-plus decay radioisotopes
*BT1 bromine isotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei

BROMINE 70

*BT1 beta-plus decay radioisotopes
*BT1 bromine isotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei

BROMINE 71

*BT1 beta-plus decay radioisotopes
*BT1 bromine isotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes

BROMINE 71 TARGET

INIS: 1980-05-14; ETDE: 1988-12-05
BT1 targets

BROMINE 72

*BT1 beta-plus decay radioisotopes
*BT1 bromine isotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei

BROMINE 73

*BT1 beta-plus decay radioisotopes
*BT1 bromine isotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei

BROMINE 74

*BT1 beta-plus decay radioisotopes
*BT1 bromine isotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei

BROMINE 75

*BT1 beta-plus decay radioisotopes
*BT1 bromine isotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei

BROMINE 76

*BT1 beta-plus decay radioisotopes
*BT1 bromine isotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 isomeric transition isotopes
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes

BROMINE 76 TARGET

INIS: 1979-02-21; ETDE: 1979-03-28
BT1 targets

BROMINE 77

*BT1 beta-plus decay radioisotopes
*BT1 bromine isotopes

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

BROMINE 78

*BT1 beta-plus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

BROMINE 79

*BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes
 *BT1 stable isotopes
 RT bromine 79 beams

BROMINE 79 BEAMS

INIS: 1976-07-06; ETDE: 1988-09-22
 *BT1 ion beams
 RT bromine 79

BROMINE 79 REACTIONS

INIS: 1987-05-26; ETDE: 1988-09-22
 *BT1 heavy ion reactions

BROMINE 79 TARGET

ETDE: 1976-07-09
 BT1 targets

BROMINE 80

*BT1 beta-minus decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

BROMINE 81

*BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 stable isotopes

BROMINE 81 REACTIONS

1979-11-02
 *BT1 heavy ion reactions

BROMINE 81 TARGET

ETDE: 1976-07-09
 BT1 targets

BROMINE 82

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 days living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

BROMINE 83

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-even nuclei

BROMINE 84

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

BROMINE 85

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

BROMINE 86

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

BROMINE 87

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

BROMINE 88

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

BROMINE 89

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

BROMINE 90

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

BROMINE 91

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

BROMINE 92

*BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

BROMINE 93

INIS: 1988-10-10; ETDE: 1988-11-01
 *BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

BROMINE 94

2007-10-22
 *BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

BROMINE 95

2007-10-22
 *BT1 beta-minus decay radioisotopes

*BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

BROMINE 96

2007-10-22
 *BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

BROMINE 97

2007-10-22
 *BT1 beta-minus decay radioisotopes
 *BT1 bromine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

BROMINE ADDITIONS

RT bromides
 RT crystal doping
 RT doped materials

bromine bromides

USE bromine

BROMINE CHLORIDES

UF chlorine bromides
 *BT1 bromine halides
 *BT1 chlorides

BROMINE COMPLEXES

BT1 complexes

BROMINE COMPOUNDS

BT1 halogen compounds
 NT1 bromates
 NT1 bromic acid
 NT1 bromides
 NT2 actinium bromides
 NT2 aluminium bromides
 NT2 americium bromides
 NT2 antimony bromides
 NT2 arsenic bromides
 NT2 astatine bromides
 NT2 barium bromides
 NT2 berkelium bromides
 NT2 beryllium bromides
 NT2 bismuth bromides
 NT2 boron bromides
 NT2 cadmium bromides
 NT2 calcium bromides
 NT2 californium bromides
 NT2 cerium bromides
 NT2 cesium bromides
 NT2 chromium bromides
 NT2 cobalt bromides
 NT2 copper bromides
 NT2 curium bromides
 NT2 dysprosium bromides
 NT2 einsteinium bromides
 NT2 erbium bromides
 NT2 europium bromides
 NT2 fermium bromides
 NT2 gadolinium bromides
 NT2 gallium bromides
 NT2 germanium bromides
 NT2 gold bromides
 NT2 hafnium bromides
 NT2 holmium bromides
 NT2 hydrogen bromides
 NT2 indium bromides
 NT2 iodine bromides
 NT2 iron bromides
 NT2 krypton bromides
 NT2 lanthanum bromides
 NT2 lead bromides
 NT2 lithium bromides
 NT2 lutetium bromides
 NT2 magnesium bromides
 NT2 manganese bromides

NT2 mercury bromides
NT2 molybdenum bromides
NT2 neodymium bromides
NT2 neon bromides
NT2 neptunium bromides
NT2 nickel bromides
NT2 niobium bromides
NT2 nitrogen bromides
NT2 palladium bromides
NT2 phosphorus bromides
NT2 platinum bromides
NT2 plutonium bromides
NT2 polonium bromides
NT2 potassium bromides
NT2 praseodymium bromides
NT2 promethium bromides
NT2 protactinium bromides
NT2 radium bromides
NT2 rhenium bromides
NT2 rhodium bromides
NT2 rubidium bromides
NT2 ruthenium bromides
NT2 samarium bromides
NT2 scandium bromides
NT2 selenium bromides
NT2 silicon bromides
NT2 silver bromides
NT2 sodium bromides
NT2 strontium bromides
NT2 tantalum bromides
NT2 technetium bromides
NT2 tellurium bromides
NT2 terbium bromides
NT2 thallium bromides
NT2 thorium bromides
NT2 thulium bromides
NT2 tin bromides
NT2 titanium bromides
NT2 tungsten bromides
NT2 uranium bromides
NT2 vanadium bromides
NT2 xenon bromides
NT2 ytterbium bromides
NT2 yttrium bromides
NT2 zinc bromides
NT2 zirconium bromides
NT1 bromine halides
NT2 bromine chlorides
NT2 bromine fluorides
NT1 bromine oxides
NT1 hydrobromic acid
NT1 oxybromides
NT1 perbromates
RT organic bromine compounds

BROMINE FLUORIDES

UF fluorine bromides
***BT1** bromine halides
***BT1** fluorides

BROMINE HALIDES

2012-07-19

***BT1** bromine compounds
***BT1** halides
NT1 bromine chlorides
NT1 bromine fluorides

bromine iodides

USE iodine bromides

BROMINE IONS

***BT1** ions

BROMINE ISOTOPES

1999-07-16

BT1 isotopes
NT1 bromine 67
NT1 bromine 68
NT1 bromine 69
NT1 bromine 70
NT1 bromine 71

NT1 bromine 72
NT1 bromine 73
NT1 bromine 74
NT1 bromine 75
NT1 bromine 76
NT1 bromine 77
NT1 bromine 78
NT1 bromine 79
NT1 bromine 80
NT1 bromine 81
NT1 bromine 82
NT1 bromine 83
NT1 bromine 84
NT1 bromine 85
NT1 bromine 86
NT1 bromine 87
NT1 bromine 88
NT1 bromine 89
NT1 bromine 90
NT1 bromine 91
NT1 bromine 92
NT1 bromine 93
NT1 bromine 94
NT1 bromine 95
NT1 bromine 96
NT1 bromine 97

BROMINE NUMBER

INIS: 2000-04-12; ETDE: 1976-05-17

Number of centigrams of bromine which are absorbed by 1 gram of oil under certain conditions.

RT gasoline
RT oils

BROMINE OXIDES

***BT1** bromine compounds
***BT1** oxides
RT oxybromides

bromodeoxyuridine

USE budr

BROMOFORM

***BT1** brominated aliphatic hydrocarbons
RT hydrocarbons
RT methane

BROMOSULFOPHTHALEIN

***BT1** carboxylic acid esters
BT1 indicators
***BT1** organic bromine compounds
***BT1** polyphenols
BT1 reagents
***BT1** sulfonic acids
RT phthalic acid
RT radiopharmaceuticals

BROMOURACILS

***BT1** antimetabolites
***BT1** organic bromine compounds
***BT1** uracils
NT1 budr

BRONCHI

BT1 respiratory system
RT bronchitis
RT lungs
RT respiratory tract cells

BRONCHITIS

***BT1** respiratory system diseases
RT bronchi

bronchogenic carcinoma

USE carcinomas
USE respiratory system diseases

BRONCHOPNEUMONIA

***BT1** pneumonia

bronco event

2000-04-12

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions
USE plowshare project

BRONZE

***BT1** copper base alloys
***BT1** tin alloys
RT heusler alloys

bronze (sodium tungsten)

INIS: 2000-04-12; ETDE: 1979-08-09

USE sodium tungsten bronze

BROOKHAVEN 200-MEV LINAC

INIS: 1979-09-18; ETDE: 1979-12-10

***BT1** linear accelerators
RT brookhaven ags

BROOKHAVEN AGS

***BT1** synchrotrons
RT brookhaven 200-mev linac

BROOKHAVEN CYCLOTRON

***BT1** isochronous cyclotrons

BROOKHAVEN ERHIC

2015-09-08

Proposed electron-ion collider at BNL

***BT1** linac-ring accelerators
RT brookhaven rhic

brookhaven graphite research reactor

1993-11-04

USE bgr reactor

brookhaven high flux beam reactor

1993-11-04

USE hfbr reactor

brookhaven intersecting storage accelerators

1993-11-04

USE isabelle storage rings

brookhaven medical research reactor

1993-11-04

USE mrr reactor

brookhaven national laboratory

USE bnl

BROOKHAVEN RHIC

INIS: 1986-05-23; ETDE: 1986-01-14

Relativistic heavy ion collider facility located in former Isabelle Storage Ring tunnel.

UF relativistic heavy ion collider (bnl)
UF rhic (brookhaven)
***BT1** heavy ion accelerators
BT1 storage rings
RT brookhaven erhic
RT isabelle storage rings
RT phenix detector
RT phobos detector
RT star detector

brooks

INIS: 2000-04-12; ETDE: 1997-03-31

USE streams

BROWN COAL

1992-02-04

SF soft coal
***BT1** coal
NT1 lignite

brown coal liquefaction process

INIS: 2000-04-12; ETDE: 1985-10-10

USE bcl process

BROWNFIELD SITES

2013-11-27

Land, often polluted, previously used for industrial or commercial purposes with potential for re-use after being cleaned up.

- RT abandoned sites
- RT land pollution control
- RT land reclamation
- RT land use
- RT remedial action

BROWNIAN MOVEMENT

- RT collisions
- RT colloids
- RT motion

brownouts

1995-03-27

- USE outages

BROWNS FERRY-1 REACTOR

TVA, Decatur, Alabama, USA.

- *BT1 bwr type reactors
- *BT1 mixed spectrum reactors

BROWNS FERRY-2 REACTOR

TVA, Decatur, Alabama, USA.

- *BT1 bwr type reactors
- *BT1 mixed spectrum reactors

BROWNS FERRY-3 REACTOR

TVA, Decatur, Alabama, USA.

- *BT1 bwr type reactors
- *BT1 mixed spectrum reactors

BRR REACTOR

Battelle Columbus Laboratories, Columbus, Ohio, USA. Shut down in 1975.

- UF battelle research reactor
- UF bmi reactor
- *BT1 enriched uranium reactors
- *BT1 isotope production reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 test reactors
- *BT1 thermal reactors

BRUCE-1 REACTOR

Tiverton, Ontario, Canada.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- RT bruce site

BRUCE-2 REACTOR

Tiverton, Ontario, Canada.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- RT bruce site

BRUCE-3 REACTOR

Tiverton, Ontario, Canada.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- RT bruce site

BRUCE-4 REACTOR

Tiverton, Ontario, Canada.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- RT bruce site

BRUCE-5 REACTOR

INIS: 1978-07-03; ETDE: 1978-08-07

Tiverton, Ontario, Canada.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- RT bruce site

BRUCE-6 REACTOR

INIS: 1978-07-03; ETDE: 1978-08-07

Tiverton, Ontario, Canada.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- RT bruce site

BRUCE-7 REACTOR

INIS: 1978-07-03; ETDE: 1978-08-07

Tiverton, Ontario, Canada.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- RT bruce site

BRUCE-8 REACTOR

INIS: 1978-07-03; ETDE: 1978-08-07

Tiverton, Ontario, Canada.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- RT bruce site

BRUCE SITE

INIS: 1993-01-14; ETDE: 1993-05-06

Tiverton, Ontario, Canada.

- BT1 reactor sites
- RT bruce-1 reactor
- RT bruce-2 reactor
- RT bruce-3 reactor
- RT bruce-4 reactor
- RT bruce-5 reactor
- RT bruce-6 reactor
- RT bruce-7 reactor
- RT bruce-8 reactor

BRUCELLA

- *BT1 bacteria

brueckner approximation

- USE goldstone diagrams

brueckner-gammel potential

- USE brueckner method

brueckner-gammel-weitzner theory

- USE brueckner method

brueckner-goldstone theory

- USE goldstone diagrams

BRUECKNER METHOD

- UF brueckner-gammel potential
- UF brueckner-gammel-weitzner theory
- BT1 calculation methods
- RT brueckner model
- RT nuclear models
- RT nucleons

BRUECKNER MODEL

- UF brueckner potential
- UF brueckner-watson theory
- *BT1 nuclear models
- RT brueckner method

brueckner potential

- USE brueckner model

brueckner-sawada theory

- USE goldstone diagrams

brueckner-watson theory

- USE brueckner model

BRUNEI

INIS: 1993-01-26; ETDE: 1976-07-07

Sovereign state, NW Borneo.

- BT1 asia

bruno leuschner-1 reactor

- USE greifswald-1 reactor

bruno leuschner-2 reactor

- USE greifswald-2 reactor

bruno leuschner-3 reactor

INIS: 1978-07-31; ETDE: 1978-09-11

- USE greifswald-3 reactor

bruno leuschner-4 reactor

INIS: 1978-07-31; ETDE: 1978-09-11

- USE greifswald-4 reactor

BRUNSBUETTEL REACTOR

Hamburg, Federal Republic of Germany.

Permanent shutdown since August 2011.

SF kkb reactor

- *BT1 bwr type reactors

BRUNSWICK-1 REACTOR

Carolina Power and Light Co., Southport, North Carolina, USA.

- *BT1 bwr type reactors

BRUNSWICK-2 REACTOR

Carolina Power and Light Co., Southport, North Carolina, USA.

- *BT1 bwr type reactors

brussels conv liability for maritime carriage nuc mater 1971

ETDE: 2003-01-03

- USE bcoclmcnm

brussels conv liability for operation of nuclear ships

ETDE: 2003-01-03

- USE bcolons

brussels conv-suppl to paris conv on third party liability

ETDE: 2003-01-03

- USE bcstpc

BRYOPHYTA

INIS: 1991-12-13; ETDE: 1989-06-01

- BT1 plants
- NT1 mosses

BRYOZOA

INIS: 2000-04-12; ETDE: 1985-02-22

- BT1 aquatic organisms
- *BT1 invertebrates

bsc rao

2004-12-15

Bohunicke Spracovatel'ske Centrum RadioAktivnych Odpadov.

- USE bohunice radioactive waste processing center

bsf reactor

- USE bsr-1 reactor

bsg devices

1996-07-16

(Until July 1996 this was a valid descriptor.)

- USE linear theta pinch devices
- USE magnetic mirrors

BSR-1 REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut down in 1991.

- UF bsf reactor
- UF bulk shielding reactor-1
- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 thermal reactors

BSR-2 REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut down in 1991.

- UF bulk shielding reactor-2

- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 thermal reactors

btu content

INIS: 2000-04-12; ETDE: 1984-10-24
USE calorific value

btu meters

INIS: 2000-04-12; ETDE: 1981-10-24
USE heat meters

BUBBLE CHAMBERS

- *BT1 gas track detectors
- NT1 cryogenic bubble chambers
- NT1 heavy liquid bubble chambers
- NT1 ultrasonic bubble chambers
- RT digitizers

BUBBLE DOSEMETERS

INIS: 2003-12-17; ETDE: 2004-01-07
*BT1 dosimeters
RT neutron dosimetry
RT personnel dosimetry

BUBBLE GROWTH

- UF growth (bubble)
- RT boiling
- RT boiling detection

BUBBLES

- RT aeration
- RT blisters
- RT boiling detection
- RT flow visualization
- RT foams
- RT voids

bubiag-didier process

2000-04-12
(Prior to July 1993, this was a valid ETDE descriptor.)
USE coal gasification

bucharest wwr-s reactor

INIS: 1984-06-21; ETDE: 2002-06-13
USE wwr-s-bucharest reactor

BUCKET WHEEL EXCAVATORS

INIS: 2000-04-12; ETDE: 1978-04-28
*BT1 earthmoving equipment
*BT1 mining equipment

BUCKINGHAM POTENTIAL

- BT1 potentials
- RT interatomic forces

BUCKLING

For neutron density distribution in reactors;
for structural buckling see DEFORMATION
or FAILURES.

- NT1 geometric buckling
- NT1 material buckling
- RT criticality

buckling (structural)

- USE deformation

BUCKWHEAT

- *BT1 liliopsida
- RT cereals

BUDAPEST TRAINING REACTOR

1980-09-12
Technical Univ., Budapest, Hungary.
*BT1 thermal reactors
*BT1 training reactors
*BT1 wwr type reactors

budapest wwr-s reactor

INIS: 1984-06-21; ETDE: 2002-06-13
USE wwr-s-budapest reactor

BUDGETS

- RT allocations
- RT cost
- RT economics
- RT expenditures
- RT financial data
- RT financing

budker accelerators

- USE plasma betatrons

BUDR

- UF bromodeoxyuridine
- *BT1 bromouracils
- *BT1 nucleosides
- RT deoxyuridine

BUDS

- RT plants

BUFFALO

- *BT1 ruminants
- RT domestic animals

BUFFALO GOURD

INIS: 1991-12-16; ETDE: 1980-11-25
UF cucurbita foetidissima
*BT1 magnoliopsida
RT arid lands
RT biomass
RT essential oils
RT seeds

buffalo project

1996-06-26
(Until June 1996 this was a valid descriptor.)
USE nuclear explosions

buffalo pulstar reactor

- USE pulstar-buffalo reactor

BUFFERS

- RT acid neutralizing capacity
- RT gases
- RT ph value
- RT solutions

BUFOTENINE

1996-06-26
*BT1 hallucinogens
*BT1 serotonin

BUGEY-1 REACTOR

Electricite de France, Saint-Vulbas, Ain,
France
UF edf-5 reactor
*BT1 carbon dioxide cooled reactors
*BT1 gcr type reactors
*BT1 power reactors
*BT1 thermal reactors

BUGEY-2 REACTOR

Electricite de France, Saint-Vulbas, Ain,
France
*BT1 pwr type reactors

BUGEY-3 REACTOR

1983-09-05
Electricite de France, Saint-Vulbas, Ain,
France
*BT1 pwr type reactors

BUGEY-4 REACTOR

INIS: 1980-07-24; ETDE: 1980-08-12
Electricite de France, Saint-Vulbas, Ain,
France
*BT1 pwr type reactors

BUGEY-5 REACTOR

INIS: 1988-05-13; ETDE: 1988-06-24
Electricite de France, Saint-Vulbas, Ain,
France
*BT1 pwr type reactors

BUILDERS

INIS: 1993-04-28; ETDE: 1981-06-13
UF building contractors
BT1 personnel
RT architects
RT construction industry
RT craftsmen

building (constructing)

- USE construction

building (manufacturing)

- USE fabrication

BUILDING CODES

INIS: 1992-06-30; ETDE: 1978-04-05
*BT1 regulations
RT construction
RT vernacular architecture

building contractors

INIS: 1993-04-28; ETDE: 1981-06-13
USE builders

building envelope

2004-05-28
USE roofs
USE walls

building foundations

INIS: 1975-12-17; ETDE: 2002-06-13
USE foundations

building-integrated energy-producing components

2004-02-11
Use the descriptor below + term(s) for the
components, e.g. SOLAR CELL ARRAYS,
TROMBE WALLS, ROOF PONDS.
USE solar architecture

BUILDING MATERIALS

- UF materials (building)
- UF structural materials
- BT1 materials
- NT1 adobe
- NT1 bricks
- NT1 cements
- NT2 gypsum cements
- NT2 portland cement
- NT1 concrete blocks
- NT1 concretes
- NT2 prestressed concrete
- NT2 reinforced concrete
- RT buildings
- RT composite materials
- RT glazing materials
- RT mortars
- RT pavements
- RT reinforced materials
- RT sand
- RT shielding materials
- RT structural beams
- RT thermal bridges
- RT u values

BUILDING TECHNOLOGY SUITE

2010-10-29
The entire complement of systems which
provide those services which make a building
functional and comfortable, e.g. space
heating, air conditioning, ventilation, hot
water, lighting systems, alarm systems. Use
only when the operation and interactions of
all the building systems are discussed
together; otherwise, index the specific
system(s) involved.
RT air cleaning
RT air conditioning
RT alarm systems
RT elevators

RT energy management systems
 RT lighting systems
 RT space heating
 RT temperature control
 RT ventilation
 RT water heating

BUILDINGS

1997-06-17

UF laundries
 UF structures (buildings)
 NT1 animal shelters
 NT1 commercial buildings
 NT2 hotels
 NT2 shopping centers
 NT1 containment buildings
 NT1 double envelope buildings
 NT1 earth-covered buildings
 NT1 government buildings
 NT1 greenhouses
 NT2 attached greenhouses
 NT1 high-rise buildings
 NT1 hospitals
 NT1 industrial buildings
 NT1 laboratory buildings
 NT1 low-energy buildings
 NT1 office buildings
 NT1 prefabricated buildings
 NT1 public buildings
 NT1 residential buildings
 NT2 apartment buildings
 NT2 houses
 NT2 mobile homes
 NT1 school buildings
 RT air curtains
 RT air infiltration
 RT airtightness
 RT architects
 RT architecture
 RT atria
 RT attics
 RT basements
 RT building materials
 RT ceilings
 RT construction
 RT construction industry
 RT curtains
 RT distributed structures
 RT domed structures
 RT doors
 RT drum walls
 RT elevators
 RT energy management systems
 RT floors
 RT foundations
 RT high rooms
 RT laboratories
 RT libraries
 RT load collector ratio
 RT mechanical structures
 RT medical establishments
 RT mineral-insulated cables
 RT occupants
 RT retrofitting
 RT roofs
 RT shelters
 RT shutters
 RT skylights
 RT soil-structure interactions
 RT solar architecture
 RT sport facilities
 RT stacks
 RT sun shades
 RT trombe walls
 RT walls
 RT weatherization
 RT window frames
 RT windows

buildings (containment)

2000-04-12

USE containment buildings

BUILDUP

1999-04-14

UF accumulation
 UF radiation buildup
 RT depth dose distributions
 RT ionization
 RT ionizing radiations
 RT radiation doses
 RT radiations
 RT radioecological concentration
 RT scattering
 RT shielding
 RT spatial dose distributions

BULBS

RT allium sativum
 RT garlic
 RT onions
 RT plants

BULGARIA

BT1 developing countries
 *BT1 eastern europe
 RT black sea
 RT centrally planned economies
 RT danube river

BULGARIAN ORGANIZATIONS

1999-07-12

BT1 national organizations

bulgarian research reactor irt-2000

1993-11-04

USE irt-sofia reactor

BULK DENSITY

INIS: 1992-05-08; ETDE: 1978-05-03

*BT1 density

BULK SEMICONDUCTOR DETECTORS

*BT1 semiconductor detectors
 RT crystal counters

bulk shielding reactor-1

USE bsr-1 reactor

bulk shielding reactor-2

USE bsr-2 reactor

BUMP-IN-TAIL INSTABILITY

*BT1 plasma microinstabilities
 RT resonance

BUMPY TORI

INIS: 1984-02-22; ETDE: 1984-03-06

*BT1 magnetic mirrors
 NT1 elmo bumpy torus
 RT tori

BUNA

*BT1 rubbers
 RT butadiene

bunching (beam)

USE beam bunching

BUNDESAMT FUER STRAHLENSCHUTZ

1991-05-02

Federal Office for Radiation Protection,
 Federal Republic of Germany.

UF saas
 UF staat amt atomsicherheit und strahlenschutz
 UF staatliches amt fuer atomsicherheit und strahlenschutz
 *BT1 german fr organizations

BUNDLE DIVERTORS

INIS: 1981-07-06; ETDE: 1979-09-26

Divertors that extract a bundle of magnetic field lines.

BT1 divertors
 RT toroidal field divertors

bundles (fuel elements)

USE fuel element clusters

bunker oils

INIS: 1992-05-21; ETDE: 1976-01-23

USE residual fuels

bunkers

INIS: 2000-04-12; ETDE: 1977-06-24

USE hoppers

BUOYS

INIS: 2000-04-12; ETDE: 1976-08-04

RT meteorology
 RT navigational instruments
 RT oceanography
 RT offshore operations
 RT water pollution

bureau of mines (us)

INIS: 1977-07-05; ETDE: 1976-11-17

USE us bureau of mines

bureau of reclamation

INIS: 2000-04-12; ETDE: 1980-08-25

(Prior to December 1991 this was a valid ETDE descriptor.)

USE us bureau of reclamation

BURGERS VECTOR

RT dislocations

BURKINA FASO

1994-02-28

(Prior to February 2005 UPPER VOLTA was also a valid descriptor.)

UF upper volta
 BT1 africa
 BT1 developing countries

burma

1999-01-26

(Until January 1999 this was a valid descriptor.)

USE myanmar

BURNABLE POISONS

BT1 neutron absorbers
 *BT1 nuclear poisons
 RT burnup
 RT control elements
 RT fluid poison control
 RT poisoning
 RT reactor control systems
 RT reactor kinetics

burner fuel oil

INIS: 2000-04-12; ETDE: 1976-03-11

USE heating oils

BURNERS

1997-06-19

NT1 gas burners
 NT1 oil burners
 RT blowoff
 RT combustion
 RT combustors
 RT flashback
 RT furnaces
 RT incinerators
 RT pulse combustion
 RT pulse combustors
 RT stokers

BURNOUT

RT dryout
RT fuel elements
RT heat flux
RT heat transfer
RT hot spots
RT reactor accidents

BURNOUT DEVICES

*BT1 magnetic mirrors

BURNS

*BT1 injuries
NT1 flash burns
NT1 radiation burns
RT fires
RT safety showers
RT skin diseases

BURNUP

UF depletion (nuclear fuels)
NT1 burnup extension
RT burnable poisons
RT fuel cooling time
RT fuel cycle
RT fuel scanning
RT nuclear fuels
RT spent fuel elements

BURNUP EXTENSION

2003-10-21

BT1 burnup

BURROS

UF donkeys
 *BT1 mammals

burroughs computers

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE computers

bursa of fabricius

USE birds
 USE lymphatic system

burst can detection

USE failed element detection

burst can monitors

USE failed element monitors

burst reactors

USE pulsed reactors

burst slug detection

USE failed element detection

burst slug monitors

USE failed element monitors

BURUNDI

INIS: 1992-06-04; ETDE: 1983-06-20

BT1 africa
 BT1 developing countries

BUSES

1992-09-09

UF trolleybuses
 BT1 vehicles
RT occupants
RT road tests
RT transportation systems

bushehr-1 reactor

2004-05-10

USE iran-1 reactor

bushehr-2 reactor

2004-05-10

USE iran-2 reactor

BUSHINGS

RT bearings

BUSINESS

INIS: 1992-02-21; ETDE: 1980-06-06
Buying and selling of goods and services; also, the activity of an individual, partnership, or organization involving production, commerce, and/or service.

NT1 marketing
NT1 procurement
NT1 small businesses
RT antitrust laws
RT economy
RT industry
RT market
RT sectoral analysis
RT trade

buspr reactor

USE pulstar-buffalo reactor

busulfan

USE myleran

BUTADIENE

*BT1 dienes
RT buna
RT neoprene
RT organic polymers

BUTANE

*BT1 alkanes

BUTANEDIOLS

INIS: 2000-04-12; ETDE: 1979-07-18

*BT1 glycols

butanoic acid

USE butyric acid

BUTANOLS

UF butyl alcohols
UF butyric alcohols
 *BT1 alcohols

BUTENES

UF butylenes
 *BT1 alkenes

butler-born approximation

USE butler theory

BUTLER THEORY

UF butler-born approximation
RT stripping

BUTOXY RADICALS

*BT1 alkoxy radicals

butt welds

INIS: 1976-03-17; ETDE: 2002-06-13

USE welded joints

BUTTER

1996-10-22

*BT1 milk products

butter fat

1996-10-22

(Until October 1996 this was a valid descriptor.)

USE fats
 USE triglycerides

buttercups

USE ranunculaceae

butyl alcohols

USE butanols

butyl-alpha-methylbenzylphenol

1996-06-26

(Prior to June 1996 BAMBP was used for this concept in ETDE.)

USE phenols

BUTYL ETHER

UF dibutyl ether
 *BT1 ethers
RT organic solvents

BUTYL PHOSPHATES

*BT1 phosphoric acid esters
NT1 dbp
NT1 mbp
NT1 tbp

BUTYL RADICALS

*BT1 alkyl radicals

butylamine

INIS: 1984-04-04; ETDE: 2002-06-13

USE amines

butylenes

USE butenes

BUTYRIC ACID

UF butanoic acid
 *BT1 monocarboxylic acids

butyric alcohols

USE butanols

butyrolactam

1996-04-29

USE pyrrolidones

butyryl radicals

1996-07-16

(Until July 1996 this was a valid descriptor.)

USE acyl radicals

buyback

INIS: 1993-01-21; ETDE: 1980-03-04

USE sellback

buyers

INIS: 1992-04-03; ETDE: 1979-10-03

USE marketers

BW STANDARD REACTOR

1975-10-29

USA.

(Prior to 1975, PWR/241 TYPE REACTORS was used.)

UF babcock and wilcox standard reactor
UF pwr/241 type reactors
 *BT1 pwr type reactors

bwr/6 type reactors

2000-01-10

USE ge standard reactor

bwr superheater puerto rico reactor

1993-11-04

USE bonus reactor

BWR TYPE REACTORS

UF boiling water cooled and moderated reactor
SF braun standard turbine island
SF c f braun standard turbine island
 *BT1 enriched uranium reactors
 *BT1 power reactors
 *BT1 thermal reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors
NT1 allens creek-1 reactor
NT1 allens creek-2 reactor
NT1 bailly-1 reactor
NT1 barsebaeck-1 reactor

NT1 barsebaeck-2 reactor
 NT1 barton-1 reactor
 NT1 barton-2 reactor
 NT1 barton-3 reactor
 NT1 barton-4 reactor
 NT1 bell reactor
 NT1 big rock point reactor
 NT1 black fox-1 reactor
 NT1 black fox-2 reactor
 NT1 bolsa chica-1 reactor
 NT1 bolsa chica-2 reactor
 NT1 bonus reactor
 NT1 browns ferry-1 reactor
 NT1 browns ferry-2 reactor
 NT1 browns ferry-3 reactor
 NT1 brunsbuettel reactor
 NT1 brunswick-1 reactor
 NT1 brunswick-2 reactor
 NT1 chinshan-1 reactor
 NT1 chinshan-2 reactor
 NT1 clinton-1 reactor
 NT1 clinton-2 reactor
 NT1 cofrentes reactor
 NT1 cooper reactor
 NT1 dodewaard reactor
 NT1 douglas point-1 reactor
 NT1 douglas point-2 reactor
 NT1 dresden-1 reactor
 NT1 dresden-2 reactor
 NT1 dresden-3 reactor
 NT1 duane arnold-1 reactor
 NT1 ebwr reactor
 NT1 enel-4 reactor
 NT1 enrico fermi-2 reactor
 NT1 err reactor
 NT1 fitzpatrick reactor
 NT1 forsmark-1 reactor
 NT1 forsmark-2 reactor
 NT1 forsmark-3 reactor
 NT1 fukushima-1 reactor
 NT1 fukushima-2 reactor
 NT1 fukushima-3 reactor
 NT1 fukushima-4 reactor
 NT1 fukushima-5 reactor
 NT1 fukushima-6 reactor
 NT1 fukushima-ii-1 reactor
 NT1 fukushima-ii-2 reactor
 NT1 fukushima-ii-3 reactor
 NT1 fukushima-ii-4 reactor
 NT1 garigliano reactor
 NT1 garona reactor
 NT1 ge standard reactor
 NT1 graben-1 reactor
 NT1 graben-2 reactor
 NT1 grand gulf-1 reactor
 NT1 grand gulf-2 reactor
 NT1 gundremmingen-2 reactor
 NT1 gundremmingen-3 reactor
 NT1 hamaoka-1 reactor
 NT1 hamaoka-2 reactor
 NT1 hamaoka-3 reactor
 NT1 hamaoka-4 reactor
 NT1 hamaoka-5 reactor
 NT1 hartsville-1 reactor
 NT1 hartsville-2 reactor
 NT1 hartsville-3 reactor
 NT1 hartsville-4 reactor
 NT1 hatch-1 reactor
 NT1 hatch-2 reactor
 NT1 hdr reactor
 NT1 higashidori-1 reactor
 NT1 hope creek-1 reactor
 NT1 hope creek-2 reactor
 NT1 humboldt bay reactor
 NT1 isar reactor
 NT1 jpdr-2 reactor
 NT1 jpdr reactor
 NT1 kaiseraugst reactor
 NT1 kashiwazaki-kariwa-1 reactor

NT1 kashiwazaki-kariwa-2 reactor
 NT1 kashiwazaki-kariwa-3 reactor
 NT1 kashiwazaki-kariwa-4 reactor
 NT1 kashiwazaki-kariwa-5 reactor
 NT1 kashiwazaki-kariwa-6 reactor
 NT1 kashiwazaki-kariwa-7 reactor
 NT1 kruemmel reactor
 NT1 kuosheng-1 reactor
 NT1 kuosheng-2 reactor
 NT1 la salle county-1 reactor
 NT1 la salle county-2 reactor
 NT1 lacbwr reactor
 NT1 laguna verde-1 reactor
 NT1 laguna verde-2 reactor
 NT1 leibstadt reactor
 NT1 limerick-1 reactor
 NT1 limerick-2 reactor
 NT1 lingen reactor
 NT1 lungmen-1 reactor
 NT1 lungmen-2 reactor
 NT1 mendocino-1 reactor
 NT1 mendocino-2 reactor
 NT1 millstone-1 reactor
 NT1 montague-1 reactor
 NT1 montague-2 reactor
 NT1 montalto di castro-1 reactor
 NT1 montalto di castro-2 reactor
 NT1 monticello reactor
 NT1 muehleberg reactor
 NT1 nine mile point-1 reactor
 NT1 nine mile point-2 reactor
 NT1 okg-1 reactor
 NT1 okg-2 reactor
 NT1 okg-3 reactor
 NT1 olkiluoto-1 reactor
 NT1 olkiluoto-2 reactor
 NT1 onagawa-1 reactor
 NT1 onagawa-2 reactor
 NT1 onagawa-3 reactor
 NT1 oyster creek-1 reactor
 NT1 pathfinder reactor
 NT1 peach bottom-2 reactor
 NT1 peach bottom-3 reactor
 NT1 perry-1 reactor
 NT1 perry-2 reactor
 NT1 philippsburg-1 reactor
 NT1 phipps bend-1 reactor
 NT1 phipps bend-2 reactor
 NT1 pilgrim-1 reactor
 NT1 quad cities-1 reactor
 NT1 quad cities-2 reactor
 NT1 ringhals-1 reactor
 NT1 river bend-1 reactor
 NT1 river bend-2 reactor
 NT1 rwe-bayernwerk reactor
 NT1 shika-1 reactor
 NT1 shika-2 reactor
 NT1 shimane-1 reactor
 NT1 shimane-2 reactor
 NT1 shimane-3 reactor
 NT1 shoreham reactor
 NT1 skagit-1 reactor
 NT1 skagit-2 reactor
 NT1 sl-1 reactor
 NT1 susquehanna-1 reactor
 NT1 susquehanna-2 reactor
 NT1 tarapur-1 reactor
 NT1 tarapur-2 reactor
 NT1 tokai-2 reactor
 NT1 tsuruga reactor
 NT1 tullnerfeld reactor
 NT1 vak reactor
 NT1 vbwr reactor
 NT1 vermont yankee reactor
 NT1 verplanck-1 reactor
 NT1 verplanck-2 reactor
 NT1 vk-50 reactor
 NT1 wnp-2 reactor
 NT1 wuergassen reactor

NT1 zimmer-1 reactor
 NT1 zimmer-2 reactor

BY-PRODUCTS

1985-12-10

RT chars
 RT distillers dried grains
 RT industry
 RT pyrolysis products
 RT wastes

byelorussian SSR

1993-02-01

USE belarus

BYPASSES

UF shunts
 RT blood vessels
 RT coolant loops
 RT reactor cooling systems

BYRON-1 REACTOR

Exelon Generation Co., LLC, Byron, Illinois, USA.

*BT1 pwr type reactors

BYRON-2 REACTOR

Exelon Generation Co., LLC, Byron, Illinois, USA.

*BT1 pwr type reactors

BYSTANDER EFFECTS

2014-07-23

Radiobiological

*BT1 biological radiation effects
 RT biological adaptation
 RT radiosensitivity effects

BYU L-77 REACTOR

2000-04-12

Brigham Young Univ., Provo, Utah, USA. Shut down in 1982; dismantled in 1992.

UF brigham young university laboratory reactor

*BT1 aqueous homogeneous reactors
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 training reactors

c-1430 resonances

INIS: 1988-03-08; ETDE: 1984-05-23

(Prior to December 1987 this was a valid descriptor.)

USE mesons

c-2260 resonances

INIS: 2000-04-12; ETDE: 1978-10-19

USE lambda c plus baryons

C ANTIQUARKS

2007-06-26

*BT1 antiquarks
 *BT1 c quarks

C CODES

BT1 computer codes

c f braun standard turbine island

INIS: 2000-04-12; ETDE: 1975-07-29

SEE bwr type reactors
 SEE steam systems
 SEE turbogenerators

C INVARIANCE

UF charge conjugation invariance
 BT1 invariance principles
 RT electric charges

C QUARKS

INIS: 1995-09-08; ETDE: 1995-10-03

*BT1 charm particles

*BT1 quarks
NT1 c antiquarks
RT charmonium

c-reactive protein

USE globulins
USE immunity

C REACTOR

INIS: 1985-11-16; ETDE: 1983-11-23
Savannah River Plant, Aiken, South Carolina, USA. Reactor in surveillance and maintenance mode.

UF savannah river plant c reactor
*BT1 heavy water moderated reactors
*BT1 special production reactors

C REGION

INIS: 1982-10-28; ETDE: 1976-04-19
*BT1 ionosphere

C4 SPECIES

INIS: 1996-01-29; ETDE: 1986-06-12
Plants having a preliminary step in their carbon fixation pathway whereby carbon dioxide binds to phosphoenolpyruvate.

BT1 plants
RT calvin cycle species
RT carbon dioxide fixation
RT chloroplasts
RT leaves
RT photosynthesis

cabbage

USE brassica

CABIBBO ANGLE

One of the two angles whose sines and cosines are the coefficients of strangeness-conserving and strangeness-changing vectors and axial parts of the hadronic current.

RT current algebra
RT kobayashi-maskawa matrix
RT weak interactions

CABLES

INIS: 1981-07-06; ETDE: 1976-08-04
For both electric and structural cables.
UF tendons (structural)

NT1 electric cables
NT2 coaxial cables
NT2 cryogenic cables
NT2 gas-insulated cables
NT2 mineral-insulated cables
NT2 oil-filled cables
NT2 superconducting cables
RT chains
RT ropes

cables (electric)

2000-04-12
USE electric cables

CABRI REACTOR

Nuclear Protection and Safety Inst., CEA St. Paul Lez Durance, France.

UF cadarache swimming pool reactor
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors

cabriolet event

1994-10-14
A test made under OPERATION CROSSTIE. (Prior to September 1994, this was a valid ETDE descriptor.)
USE cratering explosions
USE nuclear explosions

CACAO TREES

UF theobroma

*BT1 magnoliopsida
*BT1 trees
RT cocoa products

cacodylic acid

1996-06-26
(Until June 1996 this was a valid descriptor.)
USE arsenic compounds
USE organic acids

cactaceae

1979-11-02
USE cacti

CACTI

1979-09-18
UF cactaceae
*BT1 magnoliopsida

cadarache (cea)

USE cea cadarache

cadarache fuel element testing reactor

1993-11-04
USE pegase reactor

cadarache maquette surgeneratic reactor

1993-11-04
USE masurca reactor

cadarache rapsodie reactor

USE rapsodie reactor

cadarache reactor marius

USE marius reactor

cadarache swimming pool reactor

1999-04-15
USE cabri reactor

CADAVERINE

UF 1,5-diaminopentane
UF pentamethylenediamine
*BT1 amines

CADMIUM

*BT1 metals

CADMIUM 100

*BT1 beta-plus decay radioisotopes
*BT1 cadmium isotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes

CADMIUM 101

*BT1 beta-plus decay radioisotopes
*BT1 cadmium isotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes

CADMIUM 102

*BT1 beta-plus decay radioisotopes
*BT1 cadmium isotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes

CADMIUM 103

*BT1 beta-plus decay radioisotopes
*BT1 cadmium isotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes

CADMIUM 104

*BT1 beta-plus decay radioisotopes
*BT1 cadmium isotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes

CADMIUM 105

*BT1 beta-plus decay radioisotopes
*BT1 cadmium isotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes

CADMIUM 106

*BT1 cadmium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes

CADMIUM 106 TARGET

ETDE: 1976-07-09
BT1 targets

CADMIUM 107

*BT1 beta-plus decay radioisotopes
*BT1 cadmium isotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei

CADMIUM 108

*BT1 cadmium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes

CADMIUM 108 TARGET

ETDE: 1976-07-09
BT1 targets

CADMIUM 109

*BT1 cadmium isotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 years living radioisotopes

CADMIUM 109 TARGET

INIS: 1979-02-21; ETDE: 1979-03-28
BT1 targets

CADMIUM 110

*BT1 cadmium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes

CADMIUM 110 TARGET

ETDE: 1976-07-09
BT1 targets

CADMIUM 111

*BT1 cadmium isotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 stable isotopes

CADMIUM 111 TARGET

ETDE: 1976-07-09
BT1 targets

CADMIUM 112

*BT1 cadmium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes

CADMIUM 112 TARGET*ETDE: 1976-07-09*

BT1 targets

CADMIUM 113

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 stable isotopes
 *BT1 years living radioisotopes

CADMIUM 113 TARGET*ETDE: 1976-07-09*

BT1 targets

CADMIUM 114

*BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes

CADMIUM 114 TARGET*ETDE: 1976-07-09*

BT1 targets

CADMIUM 115

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 days living radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei

CADMIUM 116

*BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes

CADMIUM 116 TARGET*ETDE: 1976-07-09*

BT1 targets

CADMIUM 117

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei

CADMIUM 118

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes

CADMIUM 119

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes

CADMIUM 120

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

CADMIUM 121

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

CADMIUM 122

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

CADMIUM 123

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

CADMIUM 124

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

CADMIUM 125

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

CADMIUM 126

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

CADMIUM 127

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

CADMIUM 128

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

CADMIUM 129*2007-01-19*

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

CADMIUM 130*INIS: 1987-02-25; ETDE: 1987-05-01*

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

CADMIUM 131*2007-01-19*

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

CADMIUM 132*2007-01-19*

*BT1 beta-minus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

CADMIUM 95*2007-01-19*

*BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

CADMIUM 96*INIS: 1984-06-21; ETDE: 1983-10-11*

*BT1 cadmium isotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

CADMIUM 97*INIS: 1980-02-26; ETDE: 1980-03-29*

*BT1 beta-plus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

CADMIUM 98*INIS: 1977-02-08; ETDE: 1977-04-13*

*BT1 beta-plus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

CADMIUM 99*INIS: 1980-02-26; ETDE: 1980-03-29*

*BT1 beta-plus decay radioisotopes
 *BT1 cadmium isotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

CADMIUM ADDITIONS

Alloys containing not more than 1% Cd are listed here.

*BT1 cadmium alloys
 NT1 zamak

CADMIUM-AIR BATTERIES*INIS: 2000-04-12; ETDE: 1976-03-22*

*BT1 metal-gas batteries

CADMIUM ALLOYS*Alloys containing more than 1% Cd.*

BT1 alloys
 NT1 alloy-bi50pb25cd12sn12
 NT2 wood metal
 NT1 cadmium additions
 NT2 zamak
 NT1 cadmium base alloys
 NT1 cerrobend alloys

CADMIUM ARSENIDE SOLAR CELLS*INIS: 2000-04-12; ETDE: 1981-07-18*

*BT1 solar cells

CADMIUM ARSENIDES*INIS: 1978-04-21; ETDE: 1975-11-11*

*BT1 arsenides
 BT1 cadmium compounds

CADMIUM BASE ALLOYS

*BT1 cadmium alloys

CADMIUM BORIDES*1996-06-26*

(From June 1996 to February 2008
 CADMIUM COMPOUNDS + BORIDES was
 used for this concept.)

*BT1 borides
 BT1 cadmium compounds

CADMIUM BROMIDES

*BT1 bromides
 *BT1 cadmium halides

CADMIUM CARBIDES*INIS: 2000-04-12; ETDE: 1976-09-28*

BT1 cadmium compounds

*BT1 carbides

CADMIUM CARBONATES

BT1 cadmium compounds

*BT1 carbonates

CADMIUM CHLORIDES

*BT1 cadmium halides

*BT1 chlorides

CADMIUM COMPLEXES

BT1 complexes

CADMIUM COMPOUNDS

1997-06-17

NT1 cadmium arsenides

NT1 cadmium borides

NT1 cadmium carbides

NT1 cadmium carbonates

NT1 cadmium halides

NT2 cadmium bromides

NT2 cadmium chlorides

NT2 cadmium fluorides

NT2 cadmium iodides

NT1 cadmium hydroxides

NT1 cadmium nitrates

NT1 cadmium oxides

NT1 cadmium perchlorates

NT1 cadmium phosphates

NT1 cadmium phosphides

NT1 cadmium selenides

NT1 cadmium silicates

NT1 cadmium stannates

NT1 cadmium sulfates

NT1 cadmium sulfides

NT1 cadmium tellurides

NT1 cadmium titanates

NT1 cadmium tungstates

CADMIUM FLUORIDES

*BT1 cadmium halides

*BT1 fluorides

CADMIUM HALIDES

1984-04-04

BT1 cadmium compounds

*BT1 halides

NT1 cadmium bromides

NT1 cadmium chlorides

NT1 cadmium fluorides

NT1 cadmium iodides

CADMIUM HYDROXIDES

BT1 cadmium compounds

*BT1 hydroxides

CADMIUM IODIDES

*BT1 cadmium halides

*BT1 iodides

CADMIUM IONS

*BT1 ions

CADMIUM ISOTOPES

1999-07-16

BT1 isotopes

NT1 cadmium 100

NT1 cadmium 101

NT1 cadmium 102

NT1 cadmium 103

NT1 cadmium 104

NT1 cadmium 105

NT1 cadmium 106

NT1 cadmium 107

NT1 cadmium 108

NT1 cadmium 109

NT1 cadmium 110

NT1 cadmium 111

NT1 cadmium 112

NT1 cadmium 113

NT1 cadmium 114

NT1 cadmium 115

NT1 cadmium 116

NT1 cadmium 117

NT1 cadmium 118

NT1 cadmium 119

NT1 cadmium 120

NT1 cadmium 121

NT1 cadmium 122

NT1 cadmium 123

NT1 cadmium 124

NT1 cadmium 125

NT1 cadmium 126

NT1 cadmium 127

NT1 cadmium 128

NT1 cadmium 129

NT1 cadmium 130

NT1 cadmium 131

NT1 cadmium 132

NT1 cadmium 95

NT1 cadmium 96

NT1 cadmium 97

NT1 cadmium 98

NT1 cadmium 99

CADMIUM NITRATES

BT1 cadmium compounds

*BT1 nitrates

CADMIUM OXIDES

BT1 cadmium compounds

*BT1 oxides

CADMIUM PERCHLORATES

BT1 cadmium compounds

*BT1 perchlorates

CADMIUM PHOSPHATES

BT1 cadmium compounds

*BT1 phosphates

CADMIUM PHOSPHIDES

INIS: 1977-01-25; ETDE: 1975-09-11

BT1 cadmium compounds

*BT1 phosphides

CADMIUM SELENIDE SOLAR CELLS

1992-05-28

*BT1 solar cells

CADMIUM SELENIDES

BT1 cadmium compounds

*BT1 selenides

CADMIUM SILICATES

BT1 cadmium compounds

*BT1 silicates

CADMIUM STANNATES

INIS: 2000-04-12; ETDE: 1976-02-19

BT1 cadmium compounds

*BT1 stannates

CADMIUM SULFATES

BT1 cadmium compounds

*BT1 sulfates

CADMIUM SULFIDE SOLAR CELLS

1992-05-28

*BT1 solar cells

CADMIUM SULFIDES

BT1 cadmium compounds

*BT1 inorganic phosphors

*BT1 sulfides

cadmium telluride detectors

USE cdte semiconductor detectors

CADMIUM TELLURIDE SOLAR CELLS

1992-05-28

*BT1 solar cells

CADMIUM TELLURIDES

BT1 cadmium compounds

*BT1 tellurides

CADMIUM TITANATES

INIS: 2000-04-12; ETDE: 1978-11-14

BT1 cadmium compounds

*BT1 titanates

CADMIUM TUNGSTATES

BT1 cadmium compounds

*BT1 inorganic phosphors

*BT1 tungstates

caes

INIS: 1993-01-27; ETDE: 1978-09-13

USE compressed air energy storage

caes plant

INIS: 2000-04-12; ETDE: 1978-09-13

USE compressed air storage power plants

caesium

ETDE: 2002-06-13

USE cesium

CAFB PROCESS

2000-04-12

Process consists of shallow fluidized bed of lime particles into which high-sulfur heavy fuel oil is injected.

UF chemically active fluidized bed process

*BT1 desulfurization

RT fluidized beds

cafeterias

INIS: 2000-04-12; ETDE: 1981-01-09

USE restaurants

CAFFEINE

UF 1,3,7-trimethylxanthine

*BT1 analeptics

*BT1 xanthines

cairo wwr-s reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE wwr-s-cairo reactor

CAKING

2000-04-12

RT agglomeration

RT briquetting

RT caking power

RT compacting

CAKING POWER

2000-04-12

RT caking

calabash event

1994-10-14

A test made under OPERATION MANDREL.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions

USE underground explosions

CALANDRIAS

BT1 containers

RT pressure tubes

CALCINATION

*BT1 pyrolysis

RT calcined wastes

RT pyrometallurgy

RT radioactive waste processing

RT waste processing

CALCINED WASTES

INIS: 1981-03-10; ETDE: 1980-11-12

Waste forms resulting from the calcination of aqueous nuclear fuel reprocessing wastes and

composed of granular solids of metallic oxides.

- *BT1 radioactive wastes
- RT calcination
- RT radioactive waste processing
- RT solid wastes

CALCINOSIS

INIS: 1984-04-04; ETDE: 1980-03-29

A condition marked by the deposition of calcium salts in various tissues of the body.

- BT1 pathological changes

CALCITE

- UF chalk
- *BT1 carbonate minerals
- RT calcium carbonates
- RT dolomite
- RT limestone

CALCITONIN

- *BT1 peptide hormones
- *BT1 polypeptides
- RT calcium
- RT parathyroid glands
- RT thymus
- RT thyroid

CALCIUM

- *BT1 alkaline earth metals
- RT blood coagulation factors
- RT bone tissues
- RT calcitonin
- RT hyperparathyroidism
- RT parathormone
- RT teeth
- RT thyrocalcitonin

CALCIUM 34

2007-03-13

- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 proton decay radioisotopes

CALCIUM 35

- *BT1 calcium isotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei

CALCIUM 36

- *BT1 beta-plus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes

CALCIUM 37

- *BT1 beta-plus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes

CALCIUM 38

- *BT1 beta-plus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes

CALCIUM 39

- *BT1 beta-plus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes

CALCIUM 39 TARGET

INIS: 1992-09-22; ETDE: 1983-11-09

- BT1 targets

CALCIUM 40

- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 stable isotopes

CALCIUM 40 BEAMS

INIS: 1976-10-07; ETDE: 1976-11-01

- *BT1 ion beams

CALCIUM 40 REACTIONS

- *BT1 heavy ion reactions

CALCIUM 40 TARGET

ETDE: 1976-07-09

- BT1 targets

CALCIUM 41

- *BT1 calcium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 years living radioisotopes

CALCIUM 41 TARGET

ETDE: 1976-07-09

- BT1 targets

CALCIUM 42

- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes

CALCIUM 42 REACTIONS

1984-11-30

- *BT1 heavy ion reactions

CALCIUM 42 TARGET

ETDE: 1976-07-09

- BT1 targets

CALCIUM 43

- *BT1 calcium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes

CALCIUM 43 TARGET

ETDE: 1976-07-09

- BT1 targets

CALCIUM 44

- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes

CALCIUM 44 REACTIONS

INIS: 1977-09-15; ETDE: 1977-11-10

- *BT1 heavy ion reactions

CALCIUM 44 TARGET

ETDE: 1976-07-09

- BT1 targets

CALCIUM 45

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

CALCIUM 46

- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes

CALCIUM 46 TARGET

ETDE: 1976-07-09

- BT1 targets

CALCIUM 47

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

CALCIUM 48

- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes

CALCIUM 48 BEAMS

INIS: 1977-04-07; ETDE: 1977-06-02

- *BT1 ion beams

CALCIUM 48 REACTIONS

INIS: 1976-11-08; ETDE: 1976-12-16

- *BT1 heavy ion reactions

CALCIUM 48 TARGET

ETDE: 1976-07-09

- BT1 targets

CALCIUM 49

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes

CALCIUM 49 TARGET

INIS: 1984-06-21; ETDE: 1984-07-10

- BT1 targets

CALCIUM 50

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

CALCIUM 51

INIS: 1984-06-21; ETDE: 1981-01-27

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

CALCIUM 52

INIS: 1984-10-19; ETDE: 1976-05-13

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

CALCIUM 53

INIS: 1984-06-21; ETDE: 1984-02-10

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

CALCIUM 54

2007-03-13

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei

CALCIUM 55

2007-03-13

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

CALCIUM 56

2007-03-13

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei

CALCIUM 57

2007-03-13

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

CALCIUM 58

2007-03-13

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei

CALCIUM 60

2007-03-13

- *BT1 beta-minus decay radioisotopes
- *BT1 calcium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei

CALCIUM ADDITIONS

Alloys containing not more than 1% Ca are listed here.

- *BT1 calcium alloys

CALCIUM ALLOYS

Alloys containing more than 1% Ca.

- BT1 alloys
- NT1 calcium additions
- NT1 calcium base alloys

CALCIUM BASE ALLOYS

- *BT1 calcium alloys

CALCIUM BORIDES

- *BT1 borides
- *BT1 calcium compounds

CALCIUM BROMIDES

- *BT1 bromides
- *BT1 calcium halides

CALCIUM CARBIDES

- *BT1 calcium compounds
- *BT1 carbides

CALCIUM CARBONATES

1996-07-08

- *BT1 calcium compounds
- *BT1 carbonates
- RT ankerite
- RT aragonite
- RT calcite
- RT carbonate minerals
- RT dolomite
- RT limestone
- RT liming
- RT marble
- RT marlstone
- RT phosphate rocks
- RT shortite
- RT travertine

CALCIUM CHLORIDES

- *BT1 calcium halides
- *BT1 chlorides

CALCIUM COMPLEXES

- *BT1 alkaline earth metal complexes

CALCIUM COMPOUNDS

1997-06-17

- BT1 alkaline earth metal compounds
- NT1 calcium borides
- NT1 calcium carbides

NT1 calcium carbonates

NT1 calcium halides

NT2 calcium bromides

NT2 calcium chlorides

NT2 calcium fluorides

NT2 calcium iodides

NT1 calcium hydrides

NT1 calcium hydroxides

NT1 calcium nitrates

NT1 calcium nitrides

NT1 calcium oxides

NT1 calcium perchlorates

NT1 calcium phosphates

NT1 calcium silicates

NT1 calcium silicides

NT1 calcium sulfates

NT1 calcium sulfides

NT1 calcium tungstates

CALCIUM FLUORIDES

*BT1 calcium halides

*BT1 fluorides

RT fluorite

RT halide minerals

RT thermoluminescent dosimeters

CALCIUM HALIDES

1983-10-14

*BT1 calcium compounds

*BT1 halides

NT1 calcium bromides

NT1 calcium chlorides

NT1 calcium fluorides

NT1 calcium iodides

CALCIUM HYDRIDES

*BT1 calcium compounds

*BT1 hydrides

CALCIUM HYDROXIDES

*BT1 calcium compounds

*BT1 hydroxides

calcium hydroxyapatite

INIS: 1984-04-04; ETDE: 2002-06-13

USE apatites

USE calcium phosphates

CALCIUM IODIDES

*BT1 calcium halides

*BT1 iodides

CALCIUM IONS

*BT1 ions

CALCIUM ISOTOPES

1999-02-01

*BT1 alkaline earth isotopes

NT1 calcium 34

NT1 calcium 35

NT1 calcium 36

NT1 calcium 37

NT1 calcium 38

NT1 calcium 39

NT1 calcium 40

NT1 calcium 41

NT1 calcium 42

NT1 calcium 43

NT1 calcium 44

NT1 calcium 45

NT1 calcium 46

NT1 calcium 47

NT1 calcium 48

NT1 calcium 49

NT1 calcium 50

NT1 calcium 51

NT1 calcium 52

NT1 calcium 53

NT1 calcium 54

NT1 calcium 55

NT1 calcium 56

NT1 calcium 57

NT1 calcium 58

NT1 calcium 60

RT bone seekers

CALCIUM NITRATES

*BT1 calcium compounds

*BT1 nitrates

CALCIUM NITRIDES

*BT1 calcium compounds

*BT1 nitrides

CALCIUM OXIDES

1996-07-08

*BT1 calcium compounds

*BT1 oxides

RT becquerelite

RT ellsworthite

RT liming

RT melanovanadite

RT oxide minerals

RT pascoite

RT perovskite

RT rauvite

RT tyuyamunite

RT zirconolite

CALCIUM PERCHLORATES

1991-09-16

*BT1 calcium compounds

*BT1 perchlorates

CALCIUM PHOSPHATES

1996-06-28

UF calcium hydroxyapatite

*BT1 calcium compounds

*BT1 phosphates

RT phosphate rocks

CALCIUM SILICATES

1996-11-13

*BT1 calcium compounds

*BT1 silicates

RT epidotes

RT garnets

RT ilvaite

RT kainosite

RT laventite

RT ranquillite

RT silicate minerals

RT uranophane

CALCIUM SILICIDES

INIS: 2000-05-02; ETDE: 1976-06-07

*BT1 calcium compounds

*BT1 silicides

CALCIUM SULFATES

*BT1 calcium compounds

*BT1 sulfates

RT anhydrite

RT gypsum

RT polyhalite

RT sulfate minerals

RT thermoluminescent dosimeters

CALCIUM SULFIDES

*BT1 calcium compounds

*BT1 sulfides

CALCIUM TUNGSTATES

*BT1 calcium compounds

*BT1 inorganic phosphors

*BT1 tungstates

CALCRETES

INIS: 1994-09-29; ETDE: 1978-06-14
Conglomerate consisting of surficial sand and gravel cemented in a hard mass by calcium carbonate. Important host for uranium deposits in some parts of the world.
 (Until September 1994 this concept was indexed to LIMESTONE.)
 *BT1 conglomerates

CALCULATION METHODS

INIS: 1996-07-08; ETDE: 1975-11-11
 NT1 adjoint difference method
 NT1 approximations
 NT2 adiabatic approximation
 NT2 born approximation
 NT3 coupled channel born approximation
 NT3 dwba
 NT2 born-oppenheimer approximation
 NT2 brinkman-kramers approximation
 NT2 broken-pair approximation
 NT2 diabatic approximation
 NT2 dirac approximation
 NT2 eikonal approximation
 NT2 equivalent-photon approximation
 NT2 fsc approximation
 NT2 guiding-center approximation
 NT2 hartree-fock method
 NT2 impulse approximation
 NT2 ladder approximation
 NT2 pade approximation
 NT2 random phase approximation
 NT2 rosseland approximation
 NT2 semiclassical approximation
 NT2 spherical harmonics method
 NT3 p1-approximation
 NT3 p2-approximation
 NT3 p3-approximation
 NT2 straight-line path approximation
 NT2 sudden approximation
 NT2 tomonaga approximation
 NT2 unitary pole approximation
 NT2 wkb approximation
 NT2 zero-range approximation
 NT1 binary encounter method
 NT1 bogolyubov method
 NT1 brueckner method
 NT1 case method
 NT1 chew-low method
 NT1 collision probability method
 NT1 deterministic estimation
 NT1 discrete ordinate method
 NT1 dynamic programming
 NT1 feynman method
 NT1 finite element method
 NT2 boundary element method
 NT1 generator-coordinate method
 NT1 homogenization methods
 NT1 iterative methods
 NT2 finite difference method
 NT2 galerkin-petrov method
 NT2 newton method
 NT2 runge-kutta method
 NT1 k-harmonics method
 NT1 lcao method
 NT1 linear programming
 NT1 lyapunov method
 NT1 molecular dynamics method
 NT1 molecular orbital method
 NT1 moments method
 NT1 monte carlo method
 NT2 quantum monte carlo method
 NT3 diffusion monte carlo method
 NT3 variational monte carlo method
 NT1 multiple collision method
 NT1 n-d method
 NT1 nodal expansion method
 NT1 nonlinear programming

NT1 omnes-muskhelishvili method
 NT1 oseen method
 NT1 patterson method
 NT1 probabilistic estimation
 NT1 response matrix method
 NT1 ritz method
 NT1 rydberg-klein-rees method
 NT1 saddle-point method
 NT1 slater method
 NT1 tamm-dancoff method
 NT1 transfer matrix method
 NT1 variational methods
 NT2 density functional method
 NT2 hsk procedure
 NT2 resonating-group method
 NT2 schwinger variational method
 NT1 wick-chandrasekhar method
 NT1 wigner-seitz method
 NT1 yvon method
 RT algorithms
 RT mathematical solutions
 RT measuring methods
 RT numerical solution
 RT quantum monte carlo method
 RT sensitivity analysis

calculations (1-dimensional)

USE one-dimensional calculations

calculations (2-dimensional)

USE two-dimensional calculations

calculations (3-dimensional)

USE three-dimensional calculations

calculations (4-dimensional)

USE four-dimensional calculations

calculations (computer)

USE computer calculations

calculations (many dimensions)

USE many-dimensional calculations

CALCULATORS

INIS: 1985-12-10; ETDE: 1978-11-14
Small, often hand-held, devices capable of carrying out limited logic and arithmetic operations.
 UF pocket calculators
 *BT1 digital computers
 RT data processing

CALCULI

In biology and medicine only; to be assigned in coordination with descriptors specifying their location such as URINARY TRACT, PANCREAS, etc.
 UF gallstones
 UF kidney stones
 RT kidneys
 RT urinary tract

calculus (differential)

USE differential calculus

CALCUTTA CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-03-24
 *BT1 heavy ion accelerators
 *BT1 variable energy cyclotrons

CALDASITE

*BT1 igneous rocks
 *BT1 uranium ores
 RT baddeleyite
 RT zircon

CALDER HALL A-1 REACTOR

Seascale, Cumbria, United Kingdom.
Permanently shut down since 2003.
 UF a-1 reactor (calder hall)
 *BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors
 *BT1 plutonium production reactors
 *BT1 thermal reactors

CALDER HALL A-2 REACTOR

Seascale, Cumbria, United Kingdom.
Permanently shut down since 2003.
 UF a-2 reactor (calder hall)
 *BT1 carbon dioxide cooled reactors
 *BT1 magnox type reactors
 *BT1 plutonium production reactors
 *BT1 thermal reactors

CALDER HALL B-3 REACTOR

Seascale, Cumbria, United Kingdom.
Permanently shut down since 2003.
 *BT1 carbon dioxide cooled reactors
 *BT1 magnox type reactors
 *BT1 plutonium production reactors
 *BT1 thermal reactors

CALDER HALL B-4 REACTOR

Seascale, Cumbria, United Kingdom.
Permanently shut down since 2003.
 *BT1 carbon dioxide cooled reactors
 *BT1 magnox type reactors
 *BT1 plutonium production reactors
 *BT1 thermal reactors

CALDERAS

INIS: 1984-04-04; ETDE: 1976-08-04
Large, basin-shaped volcanic depressions, more or less circular in form, the diameter of which is many times greater than that of the included vent or vents.
 RT volcanoes

CALENDARS

INIS: 2000-04-12; ETDE: 1975-11-28
 RT time measurement

CALHOUN-1 REACTOR

Omaha Public Power District, Fort Calhoun, Nebraska, USA. Permanent shutdown since 2016.
 UF fort calhoun-1 reactor
 *BT1 pwr type reactors

CALHOUN-2 REACTOR

INIS: 1976-02-11; ETDE: 1975-11-28
Omaha Public Power District, Fort Calhoun, Nebraska, USA. Canceled in 1977 before construction began.
 UF fort calhoun-2 reactor
 *BT1 pwr type reactors

CALIBRATION

RT absolute counting
 RT accuracy
 RT calibration standards
 RT inspection
 RT radiation metrology
 RT scaling laws

CALIBRATION STANDARDS

UF reference materials (standard)
 UF srm
 UF standard reference materials
 UF standards (calibration)
 BT1 standards
 RT accuracy
 RT calibration
 RT interlaboratory comparisons
 RT nist facility
 RT ssdl
 RT standardization

CALIFORNIA

1997-06-19
 UF humboldt bay
 *BT1 usa
 NT1 brawley geothermal field

NT1 coso hot springs
NT1 los angeles
RT atomics international canoga park plant
RT cascade mountains
RT edna deposit
RT geysers geothermal field
RT great basin
RT heber geothermal field
RT imperial valley
RT lawrence berkeley laboratory
RT lawrence livermore laboratory
RT lawrence livermore national laboratory
RT long valley
RT salton sea geothermal field
RT san bernardino mountains
RT san francisco bay
RT sandia laboratories
RT sandia national laboratories
RT santa barbara channel
RT sierra nevada colorado
RT stanford linear accelerator center
RT ucla
RT us naval petroleum reserves
RT us west coast
RT wendell-amedee hot springs

california berkeley triga reactor

INIS: 1993-11-04; ETDE: 2002-06-13
 USE ucbr reactor

california irvine triga-mk-1 reactor

INIS: 1993-11-04; ETDE: 2002-06-13
 USE triga-1-california reactor

CALIFORNIUM

*BT1 actinides
 *BT1 transplutonium elements

CALIFORNIUM 236

2007-07-10
 *BT1 actinide nuclei
 *BT1 californium isotopes
 *BT1 even-even nuclei

CALIFORNIUM 237

2007-07-10
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 even-odd nuclei
 *BT1 seconds living radioisotopes
 *BT1 spontaneous fission radioisotopes

CALIFORNIUM 238

INIS: 1992-09-22; ETDE: 1979-11-23
 *BT1 actinide nuclei
 *BT1 californium isotopes
 *BT1 even-even nuclei

CALIFORNIUM 239

INIS: 1986-06-09; ETDE: 1982-03-11
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 even-odd nuclei
 *BT1 seconds living radioisotopes

CALIFORNIUM 240

INIS: 1986-06-09; ETDE: 1988-12-05
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 even-even nuclei
 *BT1 minutes living radioisotopes

CALIFORNIUM 241

INIS: 1986-06-09; ETDE: 1988-12-05
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes

*BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 minutes living radioisotopes

CALIFORNIUM 242

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 even-even nuclei
 *BT1 minutes living radioisotopes

CALIFORNIUM 243

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 minutes living radioisotopes

CALIFORNIUM 244

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 even-even nuclei
 *BT1 minutes living radioisotopes

CALIFORNIUM 244 TARGET

INIS: 1992-09-22; ETDE: 1978-09-11
 BT1 targets

CALIFORNIUM 245

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 minutes living radioisotopes

CALIFORNIUM 246

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 days living radioisotopes
 *BT1 even-even nuclei
 *BT1 spontaneous fission radioisotopes

CALIFORNIUM 246 TARGET

INIS: 1992-09-22; ETDE: 1984-08-06
 BT1 targets

CALIFORNIUM 247

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 hours living radioisotopes
 *BT1 internal conversion radioisotopes

CALIFORNIUM 248

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 days living radioisotopes
 *BT1 even-even nuclei
 *BT1 spontaneous fission radioisotopes

CALIFORNIUM 249

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 even-odd nuclei
 *BT1 spontaneous fission radioisotopes
 *BT1 years living radioisotopes

CALIFORNIUM 249 TARGET

ETDE: 1976-07-09
 BT1 targets

CALIFORNIUM 250

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes

*BT1 even-even nuclei
 *BT1 internal conversion radioisotopes
 *BT1 spontaneous fission radioisotopes
 *BT1 years living radioisotopes

CALIFORNIUM 250 TARGET

INIS: 1978-07-03; ETDE: 1977-08-24
 BT1 targets

CALIFORNIUM 251

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 even-odd nuclei
 *BT1 years living radioisotopes

CALIFORNIUM 251 TARGET

ETDE: 1976-07-09
 BT1 targets

CALIFORNIUM 252

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 even-even nuclei
 *BT1 spontaneous fission radioisotopes
 *BT1 years living radioisotopes

CALIFORNIUM 252 TARGET

ETDE: 1976-07-09
 BT1 targets

CALIFORNIUM 253

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 californium isotopes
 *BT1 days living radioisotopes
 *BT1 even-odd nuclei

CALIFORNIUM 254

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 californium isotopes
 *BT1 days living radioisotopes
 *BT1 even-even nuclei
 *BT1 spontaneous fission radioisotopes

CALIFORNIUM 254 TARGET

INIS: 1978-09-28; ETDE: 1978-07-05
 BT1 targets

CALIFORNIUM 255

INIS: 1977-01-25; ETDE: 1976-11-01
 *BT1 actinide nuclei
 *BT1 beta-minus decay radioisotopes
 *BT1 californium isotopes
 *BT1 even-odd nuclei
 *BT1 hours living radioisotopes

CALIFORNIUM 256

INIS: 1978-09-28; ETDE: 1977-12-22
 *BT1 actinide nuclei
 *BT1 californium isotopes
 *BT1 even-even nuclei
 *BT1 minutes living radioisotopes
 *BT1 spontaneous fission radioisotopes

californium additions

2000-04-12
 (Prior to August 1993 this was a valid ETDE descriptor.)
 USE alloys
 USE californium compounds

CALIFORNIUM ALLOYS

INIS: 1979-04-27; ETDE: 1978-10-23
 Alloys containing more than 1% Cf.
 *BT1 actinide alloys

CALIFORNIUM ARSENIDES

INIS: 1996-07-18; ETDE: 1978-10-23
(From July 1996 to February 2008
CALIFORNIUM COMPOUNDS +
ARSENIDES was used for this concept.)

- *BT1 arsenides
- *BT1 californium compounds

CALIFORNIUM BROMIDES

- *BT1 bromides
- *BT1 californium halides

CALIFORNIUM CHLORIDES

- *BT1 californium halides
- *BT1 chlorides

CALIFORNIUM COMPLEXES

- *BT1 actinide complexes
- *BT1 transuranium complexes

CALIFORNIUM COMPOUNDS

1996-11-13

- UF californium additions
- BT1 actinide compounds
- *BT1 transplutonium compounds
- NT1 californium arsenides
- NT1 californium halides
- NT2 californium bromides
- NT2 californium chlorides
- NT2 californium fluorides
- NT2 californium iodides
- NT1 californium nitrates
- NT1 californium nitrides
- NT1 californium oxides
- NT1 californium selenides
- NT1 californium sulfides
- NT1 californium tellurides

CALIFORNIUM FLUORIDES

- *BT1 californium halides
- *BT1 fluorides

CALIFORNIUM HALIDES

2008-02-07

- *BT1 californium compounds
- *BT1 halides
- NT1 californium bromides
- NT1 californium chlorides
- NT1 californium fluorides
- NT1 californium iodides

CALIFORNIUM IODIDES

1997-01-28

(From October 1996 to February 2008
CALIFORNIUM COMPOUNDS + IODIDES
was used for this concept.)

- *BT1 californium halides
- *BT1 iodides

CALIFORNIUM IONS

- *BT1 ions

CALIFORNIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 californium 236
- NT1 californium 237
- NT1 californium 238
- NT1 californium 239
- NT1 californium 240
- NT1 californium 241
- NT1 californium 242
- NT1 californium 243
- NT1 californium 244
- NT1 californium 245
- NT1 californium 246
- NT1 californium 247
- NT1 californium 248
- NT1 californium 249
- NT1 californium 250
- NT1 californium 251
- NT1 californium 252

- NT1 californium 253
- NT1 californium 254
- NT1 californium 255
- NT1 californium 256

CALIFORNIUM NITRATES

1997-01-28

(From November 1996 to November 2007

CALIFORNIUM COMPOUNDS +
NITRATES was used for this concept.)

- *BT1 californium compounds
- *BT1 nitrates

CALIFORNIUM NITRIDES

1996-07-18

(From July 1996 to November 2007
CALIFORNIUM COMPOUNDS +
NITRIDES was used for this concept.)

- *BT1 californium compounds
- *BT1 nitrides

CALIFORNIUM OXIDES

- *BT1 californium compounds
- *BT1 oxides

CALIFORNIUM SELENIDES

INIS: 1996-07-18; ETDE: 1978-10-23

(From July 1996 to November 2007
CALIFORNIUM COMPOUNDS +
SELENIDES was used for this concept.)

- *BT1 californium compounds
- *BT1 selenides

CALIFORNIUM SULFIDES

1996-07-18

(From July 1996 to November 2007
CALIFORNIUM COMPOUNDS +
SULFIDES was used for this concept.)

- *BT1 californium compounds
- *BT1 sulfides

CALIFORNIUM TELLURIDES

INIS: 1996-07-18; ETDE: 1978-10-23

(From July 1996 to February 2008
CALIFORNIUM COMPOUNDS +
TELLURIDES was used for this concept.)

- *BT1 californium compounds
- *BT1 tellurides

CALIPER LOGGING

INIS: 2000-04-12; ETDE: 1976-08-24

- BT1 well logging

CALIXARENES

1998-09-23

- *BT1 polycyclic aromatic hydrocarbons

CALLAWAY-1 REACTOR

Union Electric Co., Fulton, Missouri, USA.

- *BT1 pwr type reactors

CALLAWAY-2 REACTOR

Union Electric Co., Fulton, Missouri, USA.

Canceled in 1981 before construction began.

- *BT1 pwr type reactors

CALMODULIN

INIS: 1993-08-03; ETDE: 1987-07-22

- *BT1 proteins
- RT membrane transport
- RT receptors

caloricon process

INIS: 2000-04-12; ETDE: 1981-08-04

(Prior to April 1994, this was a valid ETDE
descriptor.)

- USE waste processing

CALORIFIC VALUE

INIS: 1992-03-17; ETDE: 1976-01-23

*Quantity of heat liberated on the complete
combustion of a unit weight or unit volume of
fuel.*

- UF btu content
- BT1 combustion properties
- RT combustion
- RT combustion heat
- RT fuels

calorimeter detectors

INIS: 1986-07-09; ETDE: 2002-06-13

- USE shower counters

CALORIMETERS

- BT1 measuring instruments
- RT calorimetric dosimeters
- RT calorimetry
- RT temperature measurement

calorimeters (particle)

INIS: 2000-04-12; ETDE: 1979-03-28

- USE shower counters

CALORIMETRIC DOSEMETERS

- *BT1 dosimeters
- RT calorimeters
- RT thermocouples

CALORIMETRY

- RT calorimeters
- RT heat transfer
- RT temperature measurement

calorizing

- USE diffusion coating

caltech synchrotron

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE synchrotrons

calutrons

INIS: 2000-04-12; ETDE: 1984-02-10

- USE electromagnetic isotope separators

CALVERT CLIFFS-1 REACTOR

*CCNPPI - subsidiary of Constellation Energy
Group, Lusby, Maryland, USA.*

- *BT1 pwr type reactors

CALVERT CLIFFS-2 REACTOR

*CCNPPI - subsidiary of Constellation Energy
Group, Lusby, Maryland, USA.*

- *BT1 pwr type reactors

CALVES

- *BT1 cattle

CALVIN CYCLE SPECIES

INIS: 1992-04-28; ETDE: 1986-07-03

*Plants that fix carbon by the reductive pentose
phosphate pathway only.*

- BT1 plants
- RT c4 species
- RT carbon dioxide fixation
- RT chloroplasts
- RT leaves
- RT photosynthesis

cam

INIS: 1984-01-18; ETDE: 1983-07-07

- USE computer-aided manufacturing

CAMAC SYSTEM

*Computer Application to Measurement And
Control.*

- RT computers
- RT data acquisition systems
- RT data transmission
- RT electronic equipment
- RT equipment interfaces

RT fastbus system
 RT modular structures
 RT nuclear instrument modules
 RT on-line control systems
 RT specifications

cambium

USE meristems

CAMBODIA

BT1 asia

CAMBRIAN PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19

*BT1 paleozoic era

CAMBRIDGE ELECTRON ACCELERATOR

UF cea (accelerator)

*BT1 synchrotrons

camellia sinensis

1980-11-07

USE tea plants

CAMELS

INIS: 1992-03-02; ETDE: 1992-02-05

*BT1 ruminants

RT domestic animals

CAMERA TUBES

1996-07-08

(Prior to July 1996 ICONOSCOPES and ORTHICONS were valid ETDE descriptors.)

UF iconoscopes

UF orthicons

BT1 image tubes

NT1 vidicons

RT television

CAMERAS

NT1 gamma cameras

NT2 positron cameras

NT1 neutron cameras

NT1 streak cameras

NT1 television cameras

RT photography

RT radioisotope scanning

CAMEROON

BT1 africa

BT1 developing countries

camp

USE amp

camp century medium power plant 2a

1993-11-04

USE pm-2a reactor

CAMPBELLING CIRCUITS

1976-08-17

Circuits based on Campbell's mean square theorem for evaluating the signal from an ionization chamber.

BT1 electronic circuits

RT ionization chambers

camphene

1996-10-22

(Until October 1996 this was a valid descriptor.)

USE cycloalkenes

USE terpenes

CAMPHOR

*BT1 ketones

*BT1 terpenes

RT celluloid

CANADA

1997-06-17

BT1 developed countries

BT1 north america
 NT1 alberta
 NT1 british columbia
 NT1 manitoba
 NT1 new brunswick
 NT1 newfoundland
 NT1 northwest territories
 NT1 nova scotia
 NT1 nunavut
 NT1 ontario
 NT2 chalk river
 NT2 deep river
 NT2 elliot lake
 NT1 prince edward island
 NT1 quebec
 NT1 saskatchewan
 NT1 yukon territory
 RT appalachian mountains
 RT athabasca deposit
 RT bay of fundy
 RT chalk river nuclear labs
 RT cold lake deposit
 RT fraser river
 RT lake wabamun
 RT nelson river
 RT oecd
 RT peace river deposit
 RT polar gas project
 RT rocky mountains
 RT saint clair river
 RT saint john river
 RT wabasca deposit

canada-india reactor

USE cirus reactor

canada nrx research reactor

USE nrx reactor

CANADIAN AECB

INIS: 1977-03-14; ETDE: 1977-06-02

Canadian Atomic Energy Control Board.

UF aecb canada

UF atomic energy control board (canada)

*BT1 canadian organizations

canadian nru reactor

USE nru reactor

CANADIAN ORGANIZATIONS

BT1 national organizations

NT1 atomic energy of canada ltd

NT2 chalk river nuclear labs

NT2 wnre

NT1 canadian aecb

canal manivier

2004-12-15

USE manivier canal

canals (waterways)

USE inland waterways

CANARE

INIS: 1989-02-24; ETDE: 1989-03-20

Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency.

UF assistance in nuclear accident/radiological emergency conv.

UF conv assist nuc acc/rad emerg

*BT1 multilateral agreements

RT iaea

RT radiation accidents

RT reactor accidents

CANARY ISLANDS

2000-04-12

BT1 islands

*BT1 spain

canberra tokamak

ETDE: 1976-05-19

USE lt-3 tokamak

CANCELLATION

INIS: 1985-03-19; ETDE: 1983-09-15

Primarily for, but not limited to, energy facilities.

RT amortization

RT decommissioning

RT planning

RT shutdown

cancer

USE neoplasms

CANDIDA

UF monilia

*BT1 yeasts

candu reactors

2009-10-30

The specific CANDU type reactor(s) should be indexed if known.

USE candu type reactors

CANDU TYPE REACTORS

INIS: 1975-09-12; ETDE: 1975-10-28

Thermal power reactors of Canadian design characterized by heavy water moderator, pressure tube construction, and on-power refuelling.

UF candu reactors

*BT1 heavy water moderated reactors

*BT1 pressure tube reactors

*BT1 thermal reactors

NT1 bruce-1 reactor

NT1 bruce-2 reactor

NT1 bruce-3 reactor

NT1 bruce-4 reactor

NT1 bruce-5 reactor

NT1 bruce-6 reactor

NT1 bruce-7 reactor

NT1 bruce-8 reactor

NT1 cernavoda-1 reactor

NT1 cernavoda-2 reactor

NT1 cordoba reactor

NT1 darlington-1 reactor

NT1 darlington-2 reactor

NT1 darlington-3 reactor

NT1 darlington-4 reactor

NT1 douglas point ontario reactor

NT1 embalse reactor

NT1 gentilly-1 reactor

NT1 gentilly-2 reactor

NT1 kaiga-1 reactor

NT1 kaiga-2 reactor

NT1 kakrapar-1 reactor

NT1 kakrapar-2 reactor

NT1 kanupp reactor

NT1 npd reactor

NT1 pickering-1 reactor

NT1 pickering-2 reactor

NT1 pickering-3 reactor

NT1 pickering-4 reactor

NT1 pickering-5 reactor

NT1 pickering-6 reactor

NT1 pickering-7 reactor

NT1 pickering-8 reactor

NT1 point lepreau-1 reactor

NT1 point lepreau-2 reactor

NT1 qinshan-3-1 reactor

NT1 qinshan-3-2 reactor

NT1 rajasthan-1 reactor

NT1 rajasthan-2 reactor

NT1 rajasthan-3 reactor

NT1 rajasthan-4 reactor

NT1 wolsung-1 reactor

NT1 wolsung-2 reactor

NT1 wolsung-3 reactor

NT1 wolsung-4 reactor

canines

INIS: 2000-04-12; ETDE: 1981-06-15

USE dogs

canis latrans

INIS: 1993-02-18; ETDE: 1981-04-17

USE coyotes

canisters

INIS: 2000-04-12; ETDE: 1984-11-08

USE containers

CANNEL COAL

2000-04-12

*BT1 sapropelic coal

cannikin event

1994-10-14

A test made during OPERATION GROMMET.

(Prior to September 1994, this was a valid

ETDE descriptor.)

USE nuclear explosions

USE underground explosions

CANNING

UF sheathing

*BT1 materials working

RT cladding

RT fuel cans

canning (food)

INIS: 1984-04-04; ETDE: 2002-06-13

USE food processing

CANONICAL DIMENSION

Scale dimension of quantum fields obeying canonical equal-time commutation relations.

BT1 scale dimension

RT commutation relations

canonical equations

USE differential equations

canonical quantum field theory

INIS: 1977-11-21; ETDE: 1979-05-03

USE lagrangian field theory

CANONICAL TRANSFORMATIONS

BT1 transformations

NT1 bogolyubov transformation

NT1 foldy-wouthuysen transform

RT equations of motion

RT mathematics

RT mechanics

RT quantum mechanics

CANOPIES

INIS: 1992-03-05; ETDE: 1985-02-07

Vegetative canopies only.

RT forests

RT ground cover

RT leaves

RT plants

RT throughfall

RT trees

CANYONS

2008-04-29

Channels between two generally parallel high obstacles, such as cliffs or high-rise buildings.

NT1 submarine canyons

RT high-rise buildings

RT mountains

RT topography

RT urban areas

RT valleys

caorso reactor

2000-04-12

USE enel-4 reactor

CAP ROCK

2000-04-12

*BT1 geologic strata

RT rocks

CAPACITANCE

INIS: 1984-01-18; ETDE: 1981-06-13

*BT1 electrical properties

RT deep level transient spectroscopy

RT dielectric properties

RT electric charges

RT electric impedance

RT inductance

CAPACITIVE ENERGY STORAGE EQUIPMENT

INIS: 2000-04-12; ETDE: 1979-02-27

SF supercapacitors

BT1 equipment

RT capacitors

RT energy storage

RT energy storage systems

RT peaking power plants

CAPACITORS

UF condensers (electric)

UF electric condensers

*BT1 electrical equipment

RT capacitive energy storage equipment

RT dielectric materials

RT electrostatics

RT energy storage

RT energy storage systems

RT power supplies

capacitrons

1996-06-26

(Until June 1996 this was a valid descriptor.)

USE rectifier tubes

CAPACITY

INIS: 1982-12-03; ETDE: 1977-06-02

Coordinate with descriptor for appropriate other term. Not for electrical capacitance.

UF generating capacity

UF production capacity

UF reserve capacity

RT load management

RT outages

RT power generation

RT production

CAPE FEAR RIVER

*BT1 rivers

RT north carolina

CAPE KENNEDY

*BT1 florida

CAPE VERDE ISLANDS

INIS: 1992-06-04; ETDE: 1979-12-10

BT1 islands

RT atlantic ocean

CAPILLARIES

*BT1 blood vessels

RT animal tissues

RT glomeruli

RT histamine

RT respiration

RT supercritical fluid chromatography

RT vasoconstriction

RT vasodilation

capillary action shaping technique

INIS: 2000-04-12; ETDE: 1980-02-11

USE cast method

CAPILLARY FLOW

BT1 fluid flow

RT heat pipe wicks

RT heat pipes

CAPITAL

RT capitalized cost

RT cost

RT economics

RT euromarket

RT expenditures

RT financing

RT investment

capital costs

INIS: 2000-04-12; ETDE: 1983-02-09

USE capitalized cost

CAPITALIZED COST

INIS: 1985-07-18; ETDE: 1980-06-06

(Prior to August 1985 CAPITAL COST was used.)

UF capital costs

BT1 cost

RT capital

RT economic analysis

RT operating cost

capric acid

USE decanoic acid

caproic acid

USE hexanoic acid

caprylic acid

USE octanoic acid

CAPSICUM

*BT1 magnoliopsida

RT peppers

RT spices

CAPSULES

BT1 containers

RT encapsulation

capsules (irradiation)

USE irradiation capsules

CAPTURE

1996-01-24

For capture cross sections, see also

INTEGRAL CROSS SECTIONS.

UF neutron capture

UF radiative capture

NT1 electron capture

RT capture-to-fission ratio

RT electron capture decay

RT interactions

RT nuclear reactions

RT panofsky ratio

RT r process

RT valency model

CAPTURE-TO-FISSION RATIO

UF neutron capture-to-fission ratio

BT1 dimensionless numbers

RT capture

RT fission ratio

RT interactions

RT nuclear reactions

carassius

USE goldfish

caraway

USE ranunculaceae

CARBAMATES

*BT1 carbonic acid derivatives

BT1 carboxylic acid salts

*BT1 organic nitrogen compounds

NT1 dedtc

NT1 urethane

RT carbamic acid esters

CARBAMIC ACID ESTERS

*BT1 carboxylic acid esters

RT carbamates

carbamide

USE urea

carbanions

INIS: 2000-04-12; ETDE: 1981-05-18

Negatively charged organic ions having one more electron than the corresponding free radical.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE anions

CARBAZIDES

*BT1 carbonic acid derivatives

*BT1 organic nitrogen compounds

CARBAZOLES

UF dibenzopyrroles

*BT1 azaarenes

*BT1 azoles

RT pyrroles

CARBAZONES

1996-10-23

(Prior to March 1997

DIPHENYLCARBAZONES was a valid

ETDE descriptor.)

UF diphenylcarbazones

*BT1 carbonic acid derivatives

*BT1 organic nitrogen compounds

NT1 dithizone

CARBENES

INIS: 1983-02-03; ETDE: 1978-03-03

Organic radicals containing divalent carbon as CH₂, CHOH, CHF, etc.

BT1 radicals

RT reaction intermediates

CARBIDES

1997-06-19

BT1 carbon compounds

NT1 aluminium carbides

NT1 americium carbides

NT1 barium carbides

NT1 beryllium carbides

NT1 boron carbides

NT1 cadmium carbides

NT1 calcium carbides

NT1 cerium carbides

NT1 cesium carbides

NT1 chromium carbides

NT1 cobalt carbides

NT1 copper carbides

NT1 dysprosium carbides

NT1 erbium carbides

NT1 europium carbides

NT1 gadolinium carbides

NT1 gallium carbides

NT1 germanium carbides

NT1 hafnium carbides

NT1 holmium carbides

NT1 indium carbides

NT1 iridium carbides

NT1 iron carbides

NT2 cementite

NT2 ni-hard

NT1 lanthanum carbides

NT1 lead carbides

NT1 lithium carbides

NT1 lutetium carbides

NT1 magnesium carbides

NT1 manganese carbides

NT1 mercury carbides

NT1 molybdenum carbides

NT1 neodymium carbides

NT1 neptunium carbides

NT1 nickel carbides

NT1 niobium carbides

NT1 nitrogen carbides

NT1 osmium carbides

NT1 palladium carbides

NT1 platinum carbides

NT1 plutonium carbides

NT1 potassium carbides

NT1 praseodymium carbides

NT1 protactinium carbides

NT1 rhenium carbides

NT1 rhodium carbides

NT1 rubidium carbides

NT1 ruthenium carbides

NT1 samarium carbides

NT1 scandium carbides

NT1 selenium carbides

NT1 silicon carbides

NT1 sodium carbides

NT1 strontium carbides

NT1 tantalum carbides

NT1 technetium carbides

NT1 terbium carbides

NT1 thallium carbides

NT1 thorium carbides

NT1 thulium carbides

NT1 tin carbides

NT1 titanium carbides

NT1 tungsten carbides

NT1 uranium carbides

NT1 vanadium carbides

NT1 ytterbium carbides

NT1 yttrium carbides

NT1 zinc carbides

NT1 zirconium carbides

RT carbon additions

RT carbonitrides

RT ceramics

RT decarburization

RT oxycarbides

carbinol

USE methanol

carbitols

1996-06-26

Diglycol monoalkyl ethers.

(Until June 1996 this was a valid descriptor.)

USE ethers

USE glycols

USE organic solvents

CARBOHYDRATES

BT1 organic compounds

NT1 glycosides

NT2 cardiac glycosides

NT3 digitalis glycosides

NT4 digitoxin

NT4 digoxin

NT3 strophanthins

NT4 ouabain

NT2 saponins

NT2 strophantin

NT2 uridine diphosphoglucose

NT1 saccharides

NT2 glycolipids

NT3 cerebroside

NT3 gangliosides

NT2 glycoproteins

NT3 avidin

NT3 glucoproteins

NT4 lactoferrin

NT4 ovalbumin

NT3 luteinizing hormone

NT2 monosaccharides

NT3 erythritol

NT3 hexoses

NT4 fructose

NT4 galactose

NT4 glucose

NT4 hexosamines

NT5 glucosamine

NT4 mannose

NT4 sorbose

NT3 inositols

NT4 inositol

NT3 pentoses

NT4 arabinose

NT4 deoxyribose

NT4 ribose

NT4 ribulose

NT4 xylose

NT3 sorbitol

NT2 oligosaccharides

NT3 disaccharides

NT4 cellobiose

NT4 lactose

NT4 maltose

NT4 saccharose

NT3 raffinose

NT2 polysaccharides

NT3 agar

NT3 alginic acid

NT3 cellophane

NT3 cellulose

NT3 dextran

NT3 dextrin

NT3 glycogen

NT3 gum acacia

NT3 hemicellulose

NT4 xylans

NT3 inulin

NT3 lignin

NT3 lipopolysaccharides

NT3 mucopolysaccharides

NT4 chitin

NT4 chondroitin

NT4 heparin

NT4 hyaluronic acid

NT3 mucoproteins

NT4 haptoglobins

NT4 intrinsic factor

NT4 phytohemagglutinin

NT3 nitrocellulose

NT3 pectins

NT3 rayon

NT3 starch

NT3 viscose

NT3 xanthan gum

RT food

RT glycolysis

RT phosphoenolpyruvate

CARBOLOY

2000-04-12

*BT1 cobalt alloys

*BT1 tantalum alloys

*BT1 titanium alloys

*BT1 tungsten alloys

CARBON

*BT1 nonmetals

NT1 activated carbon

NT1 carbon black

NT1 carbon nanotubes

NT1 carbynes

NT1 diamonds

NT1 fullerenes

NT1 graphene

NT1 graphite

NT1 pyrolytic carbon

RT carbon fibers

RT carbon meters

RT decarburization

CARBON 10

*BT1 beta-plus decay radioisotopes

*BT1 carbon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 seconds living radioisotopes

CARBON 10 BEAMS*INIS: 1988-11-16; ETDE: 1988-12-02*

*BT1 radioactive ion beams

CARBON 11

*BT1 beta-plus decay radioisotopes

*BT1 carbon isotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 minutes living radioisotopes

CARBON 11 BEAMS*INIS: 1985-05-15; ETDE: 1985-07-18*

*BT1 radioactive ion beams

*BT1 secondary beams

CARBON 11 TARGET*INIS: 1986-04-02; ETDE: 1979-07-24*

BT1 targets

CARBON 12

*BT1 carbon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 stable isotopes

RT carbon 12 beams

CARBON 12 BEAMS

*BT1 ion beams

RT carbon 12

**CARBON 12 DECAY
RADIOISOTOPES***1995-06-29*

*BT1 heavy ion decay radioisotopes

NT1 barium 114

RT carbon 12 emission decay

CARBON 12 EMISSION DECAY*INIS: 1995-06-29; ETDE: 1991-05-17*

*BT1 heavy ion emission decay

RT carbon 12 decay radioisotopes

CARBON 12 REACTIONS

*BT1 heavy ion reactions

CARBON 12 TARGET*ETDE: 1976-07-09*

BT1 targets

CARBON 13

*BT1 carbon isotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 stable isotopes

RT carbon 13 beams

CARBON 13 BEAMS

*BT1 ion beams

RT carbon 13

CARBON 13 REACTIONS

*BT1 heavy ion reactions

CARBON 13 TARGET*ETDE: 1976-07-09*

BT1 targets

CARBON 14*UF radiocarbon dating*

*BT1 beta-minus decay radioisotopes

*BT1 carbon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 years living radioisotopes

RT carbon 14 beams

RT carbon 14 compounds

RT carbon 14 reactions

RT isotope dating

CARBON 14 BEAMS

*BT1 radioactive ion beams

RT carbon 14

CARBON 14 COMPOUNDS

BT1 carbon compounds

BT1 labelled compounds

RT carbon 14

RT labelling

**CARBON 14 DECAY
RADIOISOTOPES***INIS: 1986-03-04; ETDE: 1988-10-12*

*BT1 heavy ion decay radioisotopes

NT1 radium 222

NT1 radium 223

NT1 radium 224

NT1 radium 226

RT carbon 14 emission decay

CARBON 14 EMISSION DECAY*INIS: 1986-03-04; ETDE: 1988-10-12*

*BT1 heavy ion emission decay

RT carbon 14 decay radioisotopes

CARBON 14 REACTIONS

*BT1 heavy ion reactions

RT carbon 14

CARBON 14 TARGET*ETDE: 1976-07-09*

BT1 targets

CARBON 15

*BT1 beta-minus decay radioisotopes

*BT1 carbon isotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 seconds living radioisotopes

CARBON 16

*BT1 beta-minus decay radioisotopes

*BT1 carbon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

CARBON 16 EMISSION DECAY*INIS: 2000-04-12; ETDE: 1991-05-17*

*BT1 heavy ion emission decay

CARBON 16 TARGET*INIS: 1992-09-22; ETDE: 1977-05-07*

BT1 targets

CARBON 17

*BT1 beta-minus decay radioisotopes

*BT1 carbon isotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

CARBON 18

*BT1 beta-minus decay radioisotopes

*BT1 carbon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

CARBON 19

*BT1 carbon isotopes

*BT1 even-odd nuclei

*BT1 light nuclei

CARBON 20

*BT1 carbon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

CARBON 21*2007-01-19*

*BT1 carbon isotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 nanoseconds living radioisotopes

CARBON 22*INIS: 1979-02-21; ETDE: 1979-03-28*

*BT1 carbon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

CARBON 8

*BT1 carbon isotopes

*BT1 even-even nuclei

*BT1 light nuclei

CARBON 9

*BT1 beta-plus decay radioisotopes

*BT1 carbon isotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

CARBON ADDITIONS*1996-11-13*

BT1 alloys

NT1 alloy-co43cr20fe18ni13w3

NT2 havar

NT1 alloy-hs-31

NT1 alloy-in-102

NT1 alloy-n-10m

NT1 alloy-n-9m

NT1 alloy-n28t3

NT1 alloy-ni60co15cr10al6ti5mo3

NT2 alloy-in-100

NT1 alloy-s-816

NT1 alloy-v-36

NT1 ascology

NT1 astrology

NT1 austenite

NT1 cast iron

NT1 discaloy

NT1 duriron

NT1 ferrite

NT1 martensite

NT1 rene 41

NT1 rene 95

NT1 steels

NT2 austenitic steels

NT3 steel-cr15ni15motib

NT3 steel-cr16ni13monbv

NT3 steel-cr16ni15mo3nb

NT3 steel-cr16ni16monb

NT3 steel-cr16ni8mo2

NT4 stainless steel-16-8-2

NT3 steel-cr17ni12mo3

NT4 stainless steel-316

NT3 steel-cr17ni12mo3-l

NT4 stainless steel-316l

NT4 stainless steel-zcnd17-13

NT3 steel-cr17ni12monb

NT3 steel-cr17ni13

NT3 steel-cr17ni13mo2ti

NT3 steel-cr17ni13mo3ti

NT3 steel-cr17ni7

NT4 stainless steel-301

NT3 steel-cr18ni10

NT4 stainless steel-18-10

NT3 steel-cr18ni10-l

NT3 steel-cr18ni10ti

NT4 stainless steel-321

NT3 steel-cr18ni11

NT4 steel-x6crni1811

NT3 steel-cr18ni11nb

NT4 stainless steel-347

NT3 steel-cr18ni11nbco

NT4 stainless steel-348

NT3 steel-cr18ni12

NT4 stainless steel-305

NT3 steel-cr18ni12ti

NT3 steel-cr18ni8

NT4 stainless steel-18-8

NT3 steel-cr18ni9

NT4 stainless steel-302

NT3 steel-cr18ni9ti

NT3 steel-cr19ni10
NT4 stainless steel-304
NT3 steel-cr19ni10-l
NT4 stainless steel-304l
NT3 steel-cr20ni11
NT4 stainless steel-308
NT3 steel-cr20ni11-l
NT4 stainless steel-308l
NT3 steel-cr21mn9ni6
NT4 stainless steel-21-6-9
NT3 steel-cr23ni14
NT4 stainless steel-309
NT4 stainless steel-309s
NT3 steel-cr23ni18
NT3 steel-cr25ni20
NT4 alloy-hk-40
NT4 stainless steel-310
NT3 steel-ni25cr20
NT4 stainless steel-20-25
NT3 steel-ni26cr15ti2moyalb
NT4 alloy-a-286
NT2 carbon steels
NT3 steel-astm-a105
NT3 steel-astm-a106
NT3 steel-astm-a212
NT3 steel-astm-a285
NT3 steel-astm-a516
NT3 steel-astm-a533-b
NT3 steel-in-787
NT3 steel-sae-1045
NT2 croloy
NT3 steel-cr13
NT4 stainless steel-410
NT3 steel-cr16
NT4 stainless steel-430
NT3 steel-cr18ni10
NT4 stainless steel-18-10
NT3 steel-cr2mo
NT4 steel-astm-a542
NT3 steel-cr5mo
NT2 ferritic steels
NT3 steel-cr12moniv
NT3 steel-cr13al
NT4 stainless steel-405
NT3 steel-cr16
NT4 stainless steel-430
NT3 steel-cr25
NT4 stainless steel-446
NT3 steel-cr9mo
NT3 steel-cr9monbv
NT2 high alloy steels
NT3 stainless steels
NT4 chromium-nickel steels
NT5 alloy-d-9
NT5 carpenter
NT5 chromium-nickel-molybdenum steels
NT6 alloy-m-813
NT6 steel-cr11ni10mo2ti-l
NT6 steel-cr15ni15motib
NT6 steel-cr16ni13monbv
NT6 steel-cr16ni15mo3nb
NT6 steel-cr16ni16monb
NT6 steel-cr16ni8mo2
NT7 stainless steel-16-8-2
NT6 steel-cr16ni9mo2
NT6 steel-cr17ni12mo3
NT7 stainless steel-316
NT6 steel-cr17ni12mo3-l
NT7 stainless steel-316l
NT7 stainless steel-zcnd17-13
NT6 steel-cr17ni12monb
NT6 steel-cr17ni13mo2ti
NT6 steel-cr17ni13mo3ti
NT6 steel-ni26cr15ti2moyalb
NT7 alloy-a-286
NT5 durco
NT5 enduro
NT5 stainless steel-17-7ph

NT5 stainless steel-303
NT5 stainless steel-329
NT5 stainless steel-ph-15-7-mo
NT5 steel-cr17ni13
NT5 steel-cr17ni7
NT6 stainless steel-301
NT5 steel-cr18ni10
NT6 stainless steel-18-10
NT5 steel-cr18ni10-l
NT5 steel-cr18ni10ti
NT6 stainless steel-321
NT5 steel-cr18ni11
NT6 steel-x6crni1811
NT5 steel-cr18ni11nb
NT6 stainless steel-347
NT5 steel-cr18ni11nbco
NT6 stainless steel-348
NT5 steel-cr18ni12
NT6 stainless steel-305
NT5 steel-cr18ni12ti
NT5 steel-cr18ni8
NT6 stainless steel-18-8
NT5 steel-cr18ni9
NT6 stainless steel-302
NT5 steel-cr18ni9ti
NT5 steel-cr19ni10
NT6 stainless steel-304
NT5 steel-cr19ni10-l
NT6 stainless steel-304l
NT5 steel-cr20ni11
NT6 stainless steel-308
NT5 steel-cr20ni11-l
NT6 stainless steel-308l
NT5 steel-cr23ni14
NT6 stainless steel-309
NT6 stainless steel-309s
NT5 steel-cr23ni18
NT5 steel-cr25ni20
NT6 alloy-hk-40
NT6 stainless steel-310
NT5 steel-ni25cr20
NT6 stainless steel-20-25
NT5 steel-ni36cr12ti3al-l
NT5 timken alloys
NT4 chromium steels
NT5 chromium-molybdenum steels
NT6 chromium-nickel-molybdenum steels
NT7 alloy-m-813
NT7 steel-cr11ni10mo2ti-l
NT7 steel-cr15ni15motib
NT7 steel-cr16ni13monbv
NT7 steel-cr16ni15mo3nb
NT7 steel-cr16ni16monb
NT7 steel-cr16ni8mo2
NT8 stainless steel-16-8-2
NT7 steel-cr16ni9mo2
NT7 steel-cr17ni12mo3
NT8 stainless steel-316
NT7 steel-cr17ni12mo3-l
NT8 stainless steel-316l
NT8 stainless steel-zcnd17-13
NT7 steel-cr17ni12monb
NT7 steel-cr17ni13mo2ti
NT7 steel-cr17ni13mo3ti
NT7 steel-ni26cr15ti2moyalb
NT8 alloy-a-286
NT5 magnet steel-ks
NT5 miduale
NT5 stainless steel-406
NT5 steel-cr10mo2
NT5 steel-cr12
NT6 stainless steel-403
NT5 steel-cr12moniv
NT5 steel-cr12mov
NT6 alloy-ht-9
NT5 steel-cr13
NT6 stainless steel-410
NT5 steel-cr13al

NT6 stainless steel-405
NT5 steel-cr16
NT6 stainless steel-430
NT5 steel-cr16ni
NT5 steel-cr17cu4ni4nb-l
NT6 stainless steel-17-4ph
NT5 steel-cr17mo
NT6 stainless steel-440
NT5 steel-cr17ni4mo3
NT5 steel-cr18
NT5 steel-cr25
NT6 stainless steel-446
NT5 steel-cr9mo
NT5 steel-cr9monbv
NT4 low carbon-high alloy steels
NT5 steel-cr11ni10mo2ti-l
NT5 steel-cr17cu4ni4nb-l
NT6 stainless steel-17-4ph
NT5 steel-cr17ni12mo3-l
NT6 stainless steel-316l
NT6 stainless steel-zcnd17-13
NT5 steel-cr18ni10-l
NT5 steel-cr19ni10-l
NT6 stainless steel-304l
NT5 steel-cr20ni11-l
NT6 stainless steel-308l
NT5 steel-ni36cr12ti3al-l
NT4 stainless steel-317
NT4 stainless steel-318
NT4 stainless steel-422
NT4 stainless steel-fv-548
NT4 stainless steel-jbk-75
NT4 stainless steel m-50
NT4 steel-cr21mn9ni6
NT5 stainless steel-21-6-9
NT4 sweetalloy
NT2 low alloy steels
NT3 steel-astm-a350
NT3 steel-astm-a387
NT3 steel-astm-a508
NT3 steel-astm-a533
NT3 steel-cr2mo
NT4 steel-astm-a542
NT3 steel-cr2moninb
NT3 steel-cr2mov
NT3 steel-cr2nimov
NT3 steel-cr5mo
NT3 steel-cralnimo
NT3 steel-crmo
NT3 steel-crmov
NT3 steel-crni
NT3 steel-mncumo
NT4 steel-astm-a537
NT3 steel-mnmo
NT4 steel-astm-a302
NT3 steel-mnnimo
NT4 steel-astm-a533-b
NT3 steel-mnnimov
NT3 steel-ni3cr
NT3 steel-ni3crmo
NT4 steel-astm-a543
NT3 steel-ni3crmoy
NT3 steel-ni4crw
NT3 steel-nicr
NT3 steel-nicrmo
NT3 steel-nimocr
NT2 manganese steels
NT2 martensitic steels
NT3 maraging steels
NT3 steel-cr10mo2
NT3 steel-cr12
NT4 stainless steel-403
NT3 steel-cr12mov
NT4 alloy-ht-9
NT3 steel-cr13
NT4 stainless steel-410
NT3 steel-cr16ni
NT3 steel-cr17cu4ni4nb-l
NT4 stainless steel-17-4ph

NT3 steel-cr17mo
 NT4 stainless steel-440
 NT3 steel-cr18
 NT2 nickel steels
 NT3 sweetalloy
 NT2 steel-astm-a572
 RT carbides

CARBON BLACK

*BT1 carbon

CARBON BURNING

INIS: 1978-08-30; ETDE: 1978-10-19

Astrophysical processes only.

BT1 star burning
 RT nucleosynthesis
 RT star evolution
 RT star models
 RT stars

CARBON-CARBON LYASES

INIS: 1986-12-03; ETDE: 1981-01-30

Code number 4.1.

*BT1 lyases
 NT1 aldehyde-lyases
 NT1 aldolases
 NT1 carboxy-lyases
 NT2 carboxylase
 NT2 decarboxylases
 NT2 ribulose diphosphate carboxylase

CARBON COMPLEXES

BT1 complexes

CARBON COMPOUNDS

NT1 carbides
 NT2 aluminium carbides
 NT2 americium carbides
 NT2 barium carbides
 NT2 beryllium carbides
 NT2 boron carbides
 NT2 cadmium carbides
 NT2 calcium carbides
 NT2 cerium carbides
 NT2 cesium carbides
 NT2 chromium carbides
 NT2 cobalt carbides
 NT2 copper carbides
 NT2 dysprosium carbides
 NT2 erbium carbides
 NT2 europium carbides
 NT2 gadolinium carbides
 NT2 gallium carbides
 NT2 germanium carbides
 NT2 hafnium carbides
 NT2 holmium carbides
 NT2 indium carbides
 NT2 iridium carbides
 NT2 iron carbides
 NT3 cementite
 NT3 ni-hard
 NT2 lanthanum carbides
 NT2 lead carbides
 NT2 lithium carbides
 NT2 lutetium carbides
 NT2 magnesium carbides
 NT2 manganese carbides
 NT2 mercury carbides
 NT2 molybdenum carbides
 NT2 neodymium carbides
 NT2 neptunium carbides
 NT2 nickel carbides
 NT2 niobium carbides
 NT2 nitrogen carbides
 NT2 osmium carbides
 NT2 palladium carbides
 NT2 platinum carbides
 NT2 plutonium carbides
 NT2 potassium carbides
 NT2 praseodymium carbides
 NT2 protactinium carbides
 NT2 rhenium carbides
 NT2 rhodium carbides
 NT2 rubidium carbides
 NT2 ruthenium carbides
 NT2 samarium carbides
 NT2 scandium carbides
 NT2 selenium carbides
 NT2 silicon carbides
 NT2 sodium carbides
 NT2 strontium carbides
 NT2 tantalum carbides
 NT2 technetium carbides
 NT2 terbium carbides
 NT2 thallium carbides
 NT2 thorium carbides
 NT2 thulium carbides
 NT2 tin carbides
 NT2 titanium carbides
 NT2 tungsten carbides
 NT2 uranium carbides
 NT2 vanadium carbides
 NT2 ytterbium carbides
 NT2 yttrium carbides
 NT2 zinc carbides
 NT2 zirconium carbides
 NT1 carbon 14 compounds
 NT1 carbon halides
 NT2 carbon fluorides
 NT1 carbon nitrides
 NT1 carbon oxides
 NT2 carbon dioxide
 NT2 carbon monoxide
 NT1 carbon oxysulfide
 NT1 carbon sulfides
 NT1 carbonates
 NT2 americium carbonates
 NT2 ammonium carbonates
 NT3 auc
 NT2 barium carbonates
 NT2 beryllium carbonates
 NT2 bismuth carbonates
 NT2 cadmium carbonates
 NT2 calcium carbonates
 NT2 cerium carbonates
 NT2 cesium carbonates
 NT2 cobalt carbonates
 NT2 copper carbonates
 NT2 curium carbonates
 NT2 erbium carbonates
 NT2 europium carbonates
 NT2 gadolinium carbonates
 NT2 holmium carbonates
 NT2 iron carbonates
 NT2 lanthanum carbonates
 NT2 lead carbonates
 NT2 lithium carbonates
 NT2 lutetium carbonates
 NT2 magnesium carbonates
 NT2 manganese carbonates
 NT2 molybdenum carbonates
 NT2 neodymium carbonates
 NT2 neptunium carbonates
 NT2 nickel carbonates
 NT2 plutonium carbonates
 NT2 polycarbonates
 NT2 potassium carbonates
 NT2 praseodymium carbonates
 NT2 radium carbonates
 NT2 rhenium carbonates
 NT2 rubidium carbonates
 NT2 samarium carbonates
 NT2 scandium carbonates
 NT2 silver carbonates
 NT2 sodium carbonates
 NT2 strontium carbonates
 NT2 terbium carbonates
 NT2 thallium carbonates
 NT2 thorium carbonates
 NT2 uranium carbonates

NT2 uranyl carbonates
 NT2 ytterbium carbonates
 NT2 yttrium carbonates
 NT2 zinc carbonates
 NT2 zirconium carbonates
 NT1 carbonic acid
 NT1 carbonitrides
 NT1 carbonium compounds
 NT1 carboranes
 NT1 oxycarbides
 RT soot

CARBON CYCLE

INIS: 1982-07-22; ETDE: 1979-03-05

RT air-water interactions
 RT carbon dioxide fixation
 RT carbon footprint
 RT carbon sinks
 RT carbon sources
 RT deforestation
 RT ecological concentration
 RT ecosystems
 RT metabolism
 RT mineral cycling
 RT photosynthesis
 RT ribulose diphosphate carboxylase

CARBON DIOXIDE

*BT1 carbon oxides
 RT carbon dioxide fixation
 RT carbon footprint
 RT carbon neutrality
 RT carbon sequestration
 RT greenhouse gases
 RT inert atmosphere
 RT landfill gas
 RT paris agreement
 RT phosphoenolpyruvate

carbon dioxide acceptor process

2000-04-12

Consolidation coal company process for producing high btu gas by catalytic methanation of synthesis gas. Heat for the reaction of coal and steam is supplied by reacting the carbon dioxide formed with calcined dolomite.

(Prior to July 1993, this was a valid ETDE descriptor.)

USE coal gasification

USE sng processes

CARBON DIOXIDE COOLED REACTORS

*BT1 gas cooled reactors
 NT1 berkeley reactor
 NT1 bohunice a-1 reactor
 NT1 bradwell reactor
 NT1 bugey-1 reactor
 NT1 calder hall a-1 reactor
 NT1 calder hall a-2 reactor
 NT1 calder hall b-3 reactor
 NT1 calder hall b-4 reactor
 NT1 cesar reactor
 NT1 chapelcross-1 reactor
 NT1 chapelcross-2 reactor
 NT1 chapelcross-3 reactor
 NT1 chapelcross-4 reactor
 NT1 chinon-a1 reactor
 NT1 chinon-a2 reactor
 NT1 chinon-a3 reactor
 NT1 connah quay-b reactor
 NT1 dungeness-a reactor
 NT1 dungeness-b reactor
 NT1 el-2 reactor
 NT1 el-4 reactor
 NT1 g-2 reactor
 NT1 g-3 reactor
 NT1 hartlepool reactor
 NT1 hector reactor

NT1 hero reactor
 NT1 heysham-a reactor
 NT1 heysham-b reactor
 NT1 hinkley point-a reactor
 NT1 hinkley point-b reactor
 NT1 hunterston-a reactor
 NT1 hunterston-b reactor
 NT1 latina reactor
 NT1 lucens reactor
 NT1 niederaichbach reactor
 NT1 oldbury-a reactor
 NT1 oldbury-b reactor
 NT1 saint laurent-a1 reactor
 NT1 saint laurent-a2 reactor
 NT1 sizewell-a reactor
 NT1 tokai-mura reactor
 NT1 torness reactor
 NT1 trawsfynydd reactor
 NT1 vandello reactor
 NT1 wagr reactor
 NT1 wylfa reactor
 RT agr type reactors
 RT gcr type reactors
 RT magnox type reactors

CARBON DIOXIDE FIXATION

1982-02-10

UF fixation (carbon dioxide)
 RT air
 RT c4 species
 RT calvin cycle species
 RT carbon cycle
 RT carbon dioxide
 RT carbon sources
 RT metabolism
 RT photosynthesis
 RT plant growth
 RT ribulose diphosphate carboxylase

CARBON DIOXIDE INJECTION

INIS: 1992-01-15; ETDE: 1978-08-07

UF co2 flooding
 *BT1 miscible-phase displacement
 RT enhanced recovery
 RT oil wells
 RT well stimulation

CARBON DIOXIDE LASERS

*BT1 gas lasers
 RT antares facility
 RT helios facility

CARBON FIBERS

INIS: 1983-03-15; ETDE: 1975-11-11

UF graphite fibers
 BT1 fibers
 RT carbon
 RT graphite

CARBON FLUORIDES

*BT1 carbon halides
 *BT1 fluorides

CARBON FOOTPRINT

2009-01-28

The total set of greenhouse gas emissions by an individual, organization, facility, event, product or process.

RT carbon cycle
 RT carbon dioxide
 RT carbon neutrality
 RT carbon sequestration
 RT emissions trading
 RT environmental effects
 RT greenhouse effect
 RT greenhouse gases
 RT kyoto protocol
 RT paris agreement

CARBON-GROUP TRANSFERASES

INIS: 1986-12-03; ETDE: 1991-08-27

*BT1 transferases
 NT1 methyl transferases

CARBON HALIDES

2012-07-19

BT1 carbon compounds
 *BT1 halides
 NT1 carbon fluorides

CARBON IONS

*BT1 ions

CARBON ISOTOPES

1999-07-16

BT1 isotopes
 NT1 carbon 10
 NT1 carbon 11
 NT1 carbon 12
 NT1 carbon 13
 NT1 carbon 14
 NT1 carbon 15
 NT1 carbon 16
 NT1 carbon 17
 NT1 carbon 18
 NT1 carbon 19
 NT1 carbon 20
 NT1 carbon 21
 NT1 carbon 22
 NT1 carbon 8
 NT1 carbon 9

CARBON METERS

INIS: 1978-01-16; ETDE: 1977-08-09

*BT1 meters
 RT carbon
 RT chemical analysis

CARBON MONOXIDE

UF cosorb process
 *BT1 carbon oxides
 RT bosch process
 RT carbonyls
 RT carboxyhemoglobin

CARBON MONOXIDE LASERS

*BT1 gas lasers

CARBON NANOTUBES

2012-11-28

*BT1 carbon
 *BT1 nanotubes
 RT fullerenes
 RT graphene

CARBON NEUTRALITY

2016-03-22

Goal or result of any process, facility, etc., which achieves zero net carbon emission.

UF zero net carbon emission
 RT air pollution abatement
 RT air pollution control
 RT carbon dioxide
 RT carbon footprint
 RT emissions trading
 RT greenhouse gases

CARBON NITRIDES

BT1 carbon compounds
 *BT1 nitrides

carbon-nitrogen-oxygen cycle

INIS: 1978-09-28; ETDE: 1978-10-19

USE cno cycle

carbon oxide sulfide

INIS: 2000-04-12; ETDE: 1975-09-11

USE carbon oxysulfide

CARBON OXIDES

BT1 carbon compounds

*BT1 oxides
 NT1 carbon dioxide
 NT1 carbon monoxide
 RT oxycarbides

carbon oxychloride

USE phosgene

CARBON-OXYGEN LYASES

INIS: 1986-12-03; ETDE: 1981-01-30
 Code number 4.2.

UF polysaccharide-lyases
 *BT1 lyases
 NT1 hyaluronidase
 NT1 hydro-lyases
 NT2 carbonic anhydrase

CARBON OXYSULFIDE

INIS: 2000-04-12; ETDE: 1975-09-11

UF carbon oxide sulfide
 UF carbonyl sulfide
 BT1 carbon compounds
 BT1 sulfur compounds
 RT carbonic acid derivatives

CARBON SEQUESTRATION

2004-01-14

Removal of carbon and its compounds from the environment and deposition, for example, into geological formations, to keep them away from the atmosphere.

UF sequestration (carbon oxides)
 *BT1 air pollution control
 BT1 separation processes
 RT carbon dioxide
 RT carbon footprint
 RT carbon sinks
 RT greenhouse gases
 RT oxyfuel combustion process
 RT weyburn field

CARBON SINKS

INIS: 1992-08-28; ETDE: 1981-08-04

BT1 sinks
 RT carbon cycle
 RT carbon sequestration
 RT carbon sources
 RT mineral cycling

CARBON SOURCES

INIS: 1992-08-28; ETDE: 1986-06-12

RT biosphere
 RT carbon cycle
 RT carbon dioxide fixation
 RT carbon sinks
 RT pollution sources

CARBON STARS

*BT1 main sequence stars

CARBON STEELS

1996-11-13

Steels with carbon as the only alloying element.

UF steel-08g2sfb
 UF steel-astm-a350 (gr 1)
 UF steel-astm-a350 (gr 2)
 UF steel-astm-a416
 UF steel-sae-1006
 *BT1 steels
 NT1 steel-astm-a105
 NT1 steel-astm-a106
 NT1 steel-astm-a212
 NT1 steel-astm-a285
 NT1 steel-astm-a516
 NT1 steel-astm-a533-b
 NT1 steel-in-787
 NT1 steel-sae-1045

CARBON SULFIDES

UF sulfur carbides
 BT1 carbon compounds

*BT1 sulfides

CARBON TETRACHLORIDE

1985-07-22

(Prior to August 1985

TETRACHLOROMETHANE was used.)

UF tetrachloromethane

*BT1 chlorinated aliphatic hydrocarbons

RT methane

RT organic solvents

CARBON TETRAFLUORIDE

INIS: 1985-07-22; ETDE: 1976-08-04

(Prior to August 1985

TETRAFLUOROMETHANE was used.)

UF tetrafluoromethane

*BT1 fluorinated aliphatic hydrocarbons

RT methane

CARBONACEOUS MATERIALS

1982-07-22

Materials rich in carbon.

BT1 materials

NT1 bituminous materials

NT2 kerogen

NT2 oil sands

NT2 oil shales

NT3 black shales

NT1 coal

NT2 black coal

NT3 anthracite

NT3 bituminous coal

NT2 brown coal

NT3 lignite

NT2 coal fines

NT2 high-sulfur coal

NT2 low-sulfur coal

NT2 sapropelic coal

NT3 boghead coal

NT4 torbanite

NT3 cannel coal

NT2 subbituminous coal

RT organic matter

CARBONATE MINERALS

INIS: 1996-11-13; ETDE: 1982-05-12

UF andersonite

UF bayleyite

UF cordylite

UF liebigite

UF rutherfordite

UF schroekingite

UF sharpite

BT1 minerals

NT1 ankerite

NT1 aragonite

NT1 calcite

NT1 dawsonite

NT1 diderichite

NT1 dolomite

NT1 nahcolite

NT1 shortite

NT1 siderite

NT1 trona

RT calcium carbonates

RT cerium carbonates

RT iron carbonates

RT lanthanum carbonates

RT magnesium carbonates

RT manganese carbonates

RT shales

RT sodium carbonates

RT uranium carbonates

CARBONATE ROCKS

INIS: 1985-12-10; ETDE: 1976-08-04

Rocks composed principally of carbonates, usually more than 50% by weight. See also CARBONATE MINERALS.

*BT1 sedimentary rocks

NT1 limestone

NT2 travertine

RT reservoir rock

CARBONATES

1997-06-19

SF ferroan

BT1 carbon compounds

BT1 oxygen compounds

NT1 americium carbonates

NT1 ammonium carbonates

NT2 auc

NT1 barium carbonates

NT1 beryllium carbonates

NT1 bismuth carbonates

NT1 cadmium carbonates

NT1 calcium carbonates

NT1 cerium carbonates

NT1 cesium carbonates

NT1 cobalt carbonates

NT1 copper carbonates

NT1 curium carbonates

NT1 erbium carbonates

NT1 europium carbonates

NT1 gadolinium carbonates

NT1 holmium carbonates

NT1 iron carbonates

NT1 lanthanum carbonates

NT1 lead carbonates

NT1 lithium carbonates

NT1 lutetium carbonates

NT1 magnesium carbonates

NT1 manganese carbonates

NT1 molybdenum carbonates

NT1 neodymium carbonates

NT1 neptunium carbonates

NT1 nickel carbonates

NT1 plutonium carbonates

NT1 polycarbonates

NT1 potassium carbonates

NT1 praseodymium carbonates

NT1 radium carbonates

NT1 rhenium carbonates

NT1 rubidium carbonates

NT1 samarium carbonates

NT1 scandium carbonates

NT1 silver carbonates

NT1 sodium carbonates

NT1 strontium carbonates

NT1 terbium carbonates

NT1 thallium carbonates

NT1 thorium carbonates

NT1 uranium carbonates

NT1 uranyl carbonates

NT1 ytterbium carbonates

NT1 yttrium carbonates

NT1 zinc carbonates

NT1 zirconium carbonates

RT acid carbonates

RT acid neutralizing capacity

CARBONIC ACID

INIS: 1982-04-14; ETDE: 1977-05-07

BT1 carbon compounds

*BT1 inorganic acids

BT1 oxygen compounds

CARBONIC ACID DERIVATIVES

1996-10-23

UF guanethidine

BT1 organic compounds

NT1 carbamates

NT2 dedtc

NT2 urethane

NT1 carbazides

NT1 carbazones

NT2 dithizone

NT1 cyanamides

NT1 cyanates

NT1 dpca

NT1 guanidines

NT2 mibg

NT1 isocyanates

NT1 isonitriles

NT1 isothiocyanates

NT1 mercaptoethylguanidine

NT1 methyl nitrosourea

NT1 phosgene

NT1 semicarbazides

NT1 semicarbazones

NT1 thiocyanates

NT2 ammonium thiocyanates

NT1 thioureas

NT2 beta-aminoethyl isothiurea

NT2 thiourea

NT1 urea

RT carbon oxysulfide

CARBONIC ACID ESTERS

INIS: 2000-04-12; ETDE: 1975-12-16

UF propylene carbonate

*BT1 esters

CARBONIC ANHYDRASE

*BT1 hydro-lyases

CARBONIFEROUS PERIOD

INIS: 1992-05-22; ETDE: 1977-10-20

(Prior to April 1990 this material was indexed to MISSISSIPPIAN PERIOD or PENNSYLVANIAN PERIOD.)

UF mississippian period

UF pennsylvanian period

*BT1 paleozoic era

CARBONITRIDES

1982-01-14

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 carbon compounds

BT1 nitrogen compounds

RT carbides

RT nitrides

CARBONIUM COMPOUNDS

INIS: 2000-04-12; ETDE: 1983-01-21

BT1 carbon compounds

RT cations

CARBONIZATION

*BT1 decomposition

NT1 coking

NT1 electrocarbonization

RT clean coke process

RT coalcon process

RT coke ovens

RT consol stirred bed process

RT decarbonization

RT graphitization

carbonyl chloride

USE phosgene

CARBONYL RADICALS

BT1 radicals

RT carbonyls

carbonyl sulfide

INIS: 2000-04-12; ETDE: 1976-11-01

USE carbon oxysulfide

CARBONYLATION

INIS: 1981-09-17; ETDE: 1978-07-05

UF hydroformylation

BT1 chemical reactions

CARBONYLS

Only for compounds of metals with carbonyl radicals.

RT carbon monoxide

RT carbonyl radicals

RT metals

CARBORANES

INIS: 1978-05-19; ETDE: 1977-01-28

BT1 carbon compounds

*BT1 organic boron compounds

RT boranes

CARBOWAX

*BT1 polyethylene glycols

*BT1 waxes

carbox process

INIS: 2000-04-12; ETDE: 1979-11-07

Dry reprocessing of U and Th carbide fuel.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE reprocessing

CARBOXY-LYASES

INIS: 1993-08-03; ETDE: 1981-01-30

Code number 4.1.1.

*BT1 carbon-carbon lyases

NT1 carboxylase

NT1 decarboxylases

NT1 ribulose diphosphate carboxylase

CARBOXYHEMOGLOBIN

INIS: 1999-04-16; ETDE: 1976-07-07

RT carbon monoxide

RT erythrocytes

RT heme

RT hemoglobin

RT respiration

CARBOXYLASE

*BT1 carboxy-lyases

CARBOXYLATION

BT1 chemical reactions

RT decarboxylation

RT lyases

CARBOXYLESTERASES

INIS: 1986-12-03; ETDE: 1981-01-12

Code number 3.1.1.

*BT1 esterases

NT1 cholinesterase

NT1 lipases

CARBOXYLIC ACID ESTERS

1996-07-23

(Prior to March 1997 TARTARIC ACID

ESTERS was a valid ETDE descriptor.)

UF tartaric acid esters

*BT1 esters

NT1 acetic acid esters

NT2 methyl acetate

NT2 polyvinyl acetate

NT2 vinyl acetate

NT1 acetoacetic acid esters

NT1 acrylic acid esters

NT1 bromosulfophthalein

NT1 carbamic acid esters

NT1 citric acid esters

NT1 glucoheptonate

NT1 malathion

NT1 methacrylic acid esters

NT1 oxalic acid esters

NT1 phenolphthalein

NT1 retinoic acid

RT carboxylic acids

CARBOXYLIC ACID SALTS

NT1 acetates

NT1 acetoacetates

NT1 acrylates

NT1 benzoates

NT1 carbamates

NT2 dedtc

NT2 urethane

NT1 citrates

NT1 formates

NT1 lactates

NT1 methacrylates

NT1 oxalates

NT1 phthalates

NT1 stearates

NT1 tartrates

NT2 rochelle salt

RT carboxylic acids

RT esters

CARBOXYLIC ACIDS

1996-10-23

(ACID HALIDES and TRICARBALLYLIC

ACID have been valid ETDE descriptors.)

UF acid halides

UF aldehydo acids

UF alkanolic acids

UF alkenolic acids

UF aromatic acids

UF fatty acids

UF tricarballylic acid

*BT1 organic acids

NT1 amino acids

NT2 alanines

NT3 alanine-alpha

NT4 alanine-l

NT3 alanine-beta

NT2 aminobutyric acid

NT2 aminolevulinic acid

NT2 anthranilic acid

NT2 arginine

NT2 asparagine

NT2 aspartic acid

NT2 betaine

NT2 carnitine

NT2 cdta

NT2 citrulline

NT2 creatine

NT2 cysteine

NT2 cystine

NT2 dcta

NT2 diiodotyrosine

NT2 dopa

NT2 dtpa

NT2 eddha

NT2 edta

NT2 ethionine

NT2 folic acid

NT2 glutamic acid

NT3 pyridoxylideneglutamate

NT2 glutamine

NT2 glycine

NT2 glycyglycine

NT2 hedta

NT2 heida

NT2 hippuric acid

NT2 histidine

NT2 homocysteine

NT2 hydroxyproline

NT2 hydroxytryptophan

NT2 kynurenine

NT2 leucine

NT2 lysine

NT2 methionine

NT2 methyl red

NT2 methyl tyrosine

NT2 mimosine

NT2 mpg

NT2 nta

NT2 ornithine

NT2 paba

NT2 pantothenic acid

NT2 penicillamine

NT2 phenylalanine

NT2 phosphocreatine

NT2 proline

NT2 sarcosine

NT2 serine

NT2 tetaha

NT2 threonine

NT2 thyronine

NT2 thyroxine

NT2 tryptophan

NT2 tyrosine

NT2 valine

NT1 bile acids

NT2 cholic acid

NT1 carminic acid

NT1 dicarboxylic acids

NT2 adipic acid

NT2 fumaric acid

NT2 glutaric acid

NT2 itaconic acid

NT2 maleic acid

NT2 malonic acid

NT2 oxalic acid

NT2 phthalic acid

NT2 sebacic acid

NT2 succinic acid

NT2 terephthalic acid

NT1 egta

NT1 glyoxylic acid

NT1 heterocyclic acids

NT2 bilirubin

NT2 biotin

NT2 histidine

NT2 hydroxyproline

NT2 lysergic acid

NT2 nicotinic acid

NT2 orotic acid

NT2 picolinic acid

NT2 porphyrins

NT3 chlorins

NT3 chlorophyll

NT3 hematoporphyrins

NT3 heme

NT3 hemoglobin

NT4 methemoglobin

NT3 hemosiderin

NT3 myoglobin

NT3 protoporphyrins

NT2 proline

NT2 rhodamines

NT2 thioctic acid

NT2 tryptophan

NT2 urocanic acid

NT1 hydroxy acids

NT2 acetylsalicylic acid

NT2 benzoic acid

NT2 carnitine

NT2 citric acid

NT2 diiodotyrosine

NT2 dopa

NT2 eddha

NT2 eosin

NT2 fluorescein

NT3 erythrosine

NT2 galacturonic acid

NT2 gallic acid

NT2 gibberellic acid

NT2 gluconic acid

NT2 glucuronic acid

NT2 glyceric acid

NT2 glycolic acid

NT2 hedta

NT2 heida

NT2 hydroxyproline

NT2 hydroxytryptophan

NT2 lactic acid

NT2 malic acid

NT2 mandelic acid

NT2 methyl tyrosine

NT2 mevalonic acid

NT2 pantothenic acid

NT2 rose bengal

NT2 salicylic acid

NT2 serine

NT2 shikimic acid
 NT2 tartaric acid
 NT2 threonine
 NT2 thyronine
 NT2 tyrosine
 NT1 keto acids
 NT2 acetoacetic acid
 NT2 abscisic acid
 NT2 kynurenine
 NT2 levulinic acid
 NT2 pyruvic acid
 NT1 mellitic acid
 NT1 monocarboxylic acids
 NT2 abscisic acid
 NT2 acetic acid
 NT2 acrylic acid
 NT2 arachidonic acid
 NT2 benzoic acid
 NT2 butyric acid
 NT2 chlorambucil
 NT2 cinnamic acid
 NT2 crotonic acid
 NT2 decanoic acid
 NT2 dodecanoic acid
 NT2 eicosanoic acid
 NT2 formic acid
 NT2 glycolic acid
 NT2 heptanoic acid
 NT2 hexadecanoic acid
 NT2 hexanoic acid
 NT2 isobutyric acid
 NT2 isovaleric acid
 NT2 linoleic acid
 NT2 linolenic acid
 NT2 methacrylic acid
 NT2 nicotinic acid
 NT2 nonanoic acid
 NT2 octadecanoic acid
 NT2 octanoic acid
 NT2 oleic acid
 NT2 pethidine
 NT2 pivalic acid
 NT2 propionic acid
 NT2 sorbic acid
 NT2 tetradecanoic acid
 NT2 trichloroacetic acid
 NT2 uronic acids
 NT2 valeric acid
 NT1 tannic acid
 RT alginic acid
 RT carboxylic acid esters
 RT carboxylic acid salts
 RT ketenes
 RT metabolites
 RT nitriles

carboxypeptidase

1985-04-23

(Prior to April 1985 this was a valid descriptor.)

USE carboxypeptidases

CARBOXYPEPTIDASES

INIS: 1985-04-23; ETDE: 1981-01-30

(Prior to April 1985 the singular form was used.)

UF carboxypeptidase

*BT1 peptide hydrolases

carburan

1996-06-26

(Until June 1996 this was a valid descriptor.)

USE bitumens

USE uranium minerals

CARBURETORS

INIS: 2000-04-12; ETDE: 1978-10-25

BT1 fuel systems

RT fuel-air ratio

RT internal combustion engines

RT spark ignition engines

CARBURETTED WATER GAS

2000-04-12

Water gas enriched with gasified hydrocarbon oil.

*BT1 intermediate btu gas

RT water gas

CARBURIZATION

*BT1 surface hardening

RT decarburization

CARBYNES

INIS: 1983-03-15; ETDE: 1982-02-11

Triply bonded allotropes of carbon.

*BT1 carbon

BT1 radicals

RT reaction intermediates

CARCINOEMBRYONIC ANTIGEN

INIS: 1982-09-21; ETDE: 1980-10-07

UF cea (antigen)

BT1 antigens

RT embryos

RT neoplasms

CARCINOGEN SCREENING

INIS: 2000-04-12; ETDE: 1981-01-09

UF screening (carcinogen)

RT bioassay

RT carcinogenesis

RT carcinogens

RT mutagen screening

RT testing

CARCINOGENESIS

BT1 pathogenesis

NT1 leukemogenesis

RT angiogenesis

RT carcinogen screening

RT carcinogens

RT dna adducts

RT neoplasms

RT oncogenes

RT oncogenic transformations

RT oncogenic viruses

CARCINOGENS

UF cycasin

RT acetylaminofluorenes

RT carcinogen screening

RT carcinogenesis

RT dimethylbenzanthracene

RT dna adducts

RT environmental exposure

RT mutagens

RT neoplasms

RT nitrosamines

RT occupational exposure

RT oncogenic transformations

RT phorbol esters

RT polycyclic aromatic hydrocarbons

RT radiation equivalence

RT radiomimetic drugs

RT teratogens

RT tumor promoters

CARCINOMAS

UF adenocarcinomas

UF bronchogenic carcinoma

UF pulmonary cancer

UF uterine cervix carcinoma

*BT1 neoplasms

NT1 adenomas

NT1 angiomas

NT1 epitheliomas

NT2 melanomas

NT1 hepatomas

RT epithelium

card punches

2000-04-12

(Prior to September 1994, this was a valid ETDE descriptor.)

SEE data processing

CARDIAC GLYCOSIDES

INIS: 2000-03-27; ETDE: 1981-04-20

UF cardiotonic glycosides

*BT1 cardiotonics

*BT1 glycosides

NT1 digitalis glycosides

NT2 digitoxin

NT2 digoxin

NT1 strophanthins

NT2 ouabain

cardiac output

USE blood circulation

CARDIAC PACEMAKERS

1995-11-15

UF pacemakers

RT artificial organs

RT electric batteries

RT heart

RT mechanical heart

RT prostheses

RT radioisotope batteries

CARDIOGRAPHY

BT1 diagnostic techniques

NT1 radiocardiography

RT blood circulation

RT blood pressure

RT electrocardiograms

RT heart

CARDIOLIPIN

*BT1 phospholipids

cardiopulmonary resuscitation

INIS: 2000-04-12; ETDE: 1983-04-07

(Prior to September 1994, this was a valid ETDE descriptor.)

USE first aid

cardiotonic glycosides

USE cardiac glycosides

CARDIOTONICS

UF strophanthin

*BT1 cardiovascular agents

NT1 adrenaline

NT1 cardiac glycosides

NT2 digitalis glycosides

NT3 digitoxin

NT3 digoxin

NT2 strophanthins

NT3 ouabain

NT1 dopamine

NT1 noradrenaline

RT heart

RT steroids

CARDIOVASCULAR AGENTS

INIS: 1984-05-24; ETDE: 1981-04-20

BT1 drugs

NT1 antihypertensive agents

NT2 reserpine

NT1 cardiotonics

NT2 adrenaline

NT2 cardiac glycosides

NT3 digitalis glycosides

NT4 digitoxin

NT4 digoxin

NT3 strophanthins

NT4 ouabain

NT2 dopamine

NT2 noradrenaline

NT1 vasoconstrictors

NT2 angiotensin
 NT2 ephedrine
 NT1 vasodilators
 NT2 dipyridamole
 NT2 theobromine
 NT2 theophylline
 RT blood vessels
 RT cardiovascular diseases
 RT cardiovascular system
 RT heart
 RT vasoconstriction
 RT vasodilation

CARDIOVASCULAR DISEASES

UF heart disease
 BT1 diseases
 NT1 gas bubble disease
 NT1 myocardial infarction
 NT1 thrombosis
 NT1 vascular diseases
 NT2 arteriosclerosis
 NT2 hypertension
 NT2 ischemia
 NT2 nephrosclerosis
 NT2 telangiectasis
 NT2 thrombosis
 RT cardiovascular agents
 RT cardiovascular system
 RT emboli
 RT heart failure

CARDIOVASCULAR SYSTEM

NT1 blood vessels
 NT2 arteries
 NT3 aorta
 NT3 carotid arteries
 NT3 cerebral arteries
 NT3 coronaries
 NT2 capillaries
 NT2 veins
 NT3 portal system
 NT1 heart
 NT2 myocardium
 NT2 pericardium
 RT blood circulation
 RT blood pressure
 RT cardiovascular agents
 RT cardiovascular diseases
 RT lymphatic system
 RT organs

CAREM 25 REACTOR

2018-03-07
Argentina, Lima. Under construction.
 *BT1 pwr type reactors
 *BT1 research reactors
 *BT1 small modular reactors
 *BT1 thermal reactors

CARGO

INIS: 1992-06-30; ETDE: 1979-11-23
 UF freight
 RT materials handling
 RT transport

CARIBBEAN SEA

*BT1 atlantic ocean
 NT1 gulf of mexico
 NT2 galveston bay
 NT2 san antonio bay
 RT west indies

caribou

USE deer

CARIES

INIS: 1975-09-16; ETDE: 1975-10-28
 BT1 pathological changes
 RT dentistry
 RT teeth

carl still process

INIS: 2000-04-12; ETDE: 1979-01-30
Process in which ammonia water adsorbs hydrogen sulfide. The acid gas is fed to a sulfuric acid production plant.
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE desulfurization

carlson method

ETDE: 1975-07-29
 USE discrete ordinate method

carlton power reactor

USE kewaunee reactor

CARMINIC ACID

*BT1 anthraquinones
 *BT1 carboxylic acids
 *BT1 hydroxy compounds
 RT dyes

CARNALLITE

*BT1 halide minerals
 RT magnesium chlorides
 RT potassium chlorides

CARNATIONS

*BT1 magnoliopsida

CARNITINE

UF novain
 UF vitamin b-t
 *BT1 amino acids
 *BT1 hydroxy acids
 *BT1 vitamin b group
 RT betaine

CARNOT CYCLE

BT1 thermodynamic cycles
 RT thermodynamics

CARNOTITE

*BT1 uranium minerals
 RT uranium vanadates

carolina power light robinson-2 reactor

1993-11-04
 USE robinson-2 reactor

carolinas virginia tube reactor

1993-11-04
 USE cvtr reactor

carotenes

2003-11-05
 USE carotenoids

CAROTENOIDS

UF carotenes
 *BT1 hydrocarbons
 BT1 pigments
 *BT1 terpenes
 RT vitamin a
 RT vitamins

CAROTID ARTERIES

*BT1 arteries
 RT head
 RT neck

CARPENTER

2000-04-12
 *BT1 chromium-nickel steels

carpetbag event

1994-10-14
A test made during OPERATION EMERY.
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE nuclear explosions
 USE underground explosions

carpocapsa pomonella

INIS: 1975-12-19; ETDE: 1979-05-03
 USE codling moth

CARPOOLING

INIS: 2000-04-12; ETDE: 1976-04-19
 SF ridesharing
 NT1 vanpooling
 RT automobiles
 RT energy conservation
 RT land transport
 RT roads
 RT transportation systems

CARR REACTOR

2018-06-04
Beijing, Fangshang district, China.
 UF china advanced research reactor
 *BT1 pool type reactors
 *BT1 research reactors

CARRIER DENSITY

UF density (carrier)
 RT charge carriers
 RT current density

CARRIER-FREE ISOTOPES

1999-07-16
 BT1 isotopes
 RT labelled compounds
 RT labelling
 RT radioisotopes
 RT trace amounts

CARRIER LIFETIME

BT1 lifetime
 RT charge carriers

CARRIER MOBILITY

BT1 mobility
 RT charge carriers
 RT electric conductivity
 RT electron transfer

CARRIERS

Not for CHARGE CARRIERS.
 RT liposomes
 RT radioisotopes
 RT radionuclide kinetics
 RT stable isotopes

carrizo mountains

1996-06-26
 (Until June 1996 this was a valid descriptor.)
 USE mountains

CARROTS

*BT1 magnoliopsida
 *BT1 vegetables

cars

ETDE: 2002-06-13
 USE automobiles

cars (spectroscopy)

INIS: 1986-04-04; ETDE: 2002-06-13
Coherent Anti-Stokes Raman Spectroscopy.
 USE raman spectroscopy

CARTELS

INIS: 1996-08-05; ETDE: 1977-09-19
Voluntary, often international, combinations of independent private enterprises supplying like commodities or services that agree to limit their competitive activities.
 RT competition
 RT embargoes
 RT market
 RT monopolies
 RT opec
 RT trade

CARTESIAN COORDINATES

BT1 coordinates

CARTILAGEUF disks (*intervertebral*)UF *intervertebral disks*

*BT1 connective tissue

RT bone joints

casaccia rana reactor

USE rana reactor

casaccia rospo reactor

1986-10-29

USE rospo reactor

cascade (extraction)

USE extraction columns

CASCADE IMPACTORS

RT aerosol monitoring

RT air pollution monitors

RT air samplers

RT condensation particle counters

CASCADE MOUNTAINS

INIS: 1997-06-17; ETDE: 1982-09-10

BT1 mountains

NT1 mt baker

NT1 mt hood

NT1 mt st helens

RT california

RT oregon

RT sierra nevada colorado

RT washington

CASCADE REACTORS

INIS: 1999-04-19; ETDE: 1984-05-23

A conceptual inertial confinement fusion reactor which uses a replenished layer of granules for wall protection, heat exchange, and fuel production.

*BT1 laser fusion reactors

RT icf devices

CASCADE SHOWERS

BT1 showers

RT cascade theory

RT cosmic showers

CASCADE SOLAR CELLS

INIS: 1992-05-28; ETDE: 1981-07-18

UF *graded band gap solar cells*

*BT1 solar cells

RT graded band gaps

CASCADE THEORY

RT cascade showers

RT gamma cascades

cascades (nuclear)

USE nuclear cascades

CASE LAW

INIS: 1976-12-08; ETDE: 1977-06-24

BT1 laws

CASE METHOD

BT1 calculation methods

RT transport theory

CASEIN

*BT1 organic phosphorus compounds

*BT1 proteins

CASIMIR EFFECT

INIS: 1986-05-27; ETDE: 1986-11-18

Attractive force between two uncharged, conducting, parallel plates due to vacuum fluctuations of the electromagnetic field, i.e. quantum electromagnetic zero-point energy.

UF *casimir force*

RT electric fields

RT vacuum polarization

casimir force

INIS: 1986-05-27; ETDE: 2002-06-13

USE casimir effect

CASIMIR OPERATORS

BT1 mathematical operators

RT symmetry groups

casings

2000-04-12

USE coverings

casings (well)

INIS: 1992-05-26; ETDE: 1981-01-27

USE well casings

CASKSUF *flasks*UF *fuel casks*

BT1 containers

NT1 spent fuel casks

CASPIAN SEA

INIS: 1976-01-28; ETDE: 1975-09-11

*BT1 lakes

*BT1 seas

RT azerbaijan

RT iran

RT kazakhstan

RT russian federation

RT turkmenistan

CASSAVAUF *manioc*

*BT1 magnoliopsida

RT food

CASSEGRAINIAN**CONCENTRATORS**

INIS: 2000-04-12; ETDE: 1981-03-17

Solar concentrators consisting of a paraboloidal primary reflector and a confocal hyperboloidal secondary reflector.

*BT1 solar concentrators

RT parabolic reflectors

CAST IRON

*BT1 carbon additions

*BT1 iron base alloys

*BT1 silicon alloys

RT iron carbides

RT pearlite

CAST METHOD

INIS: 2000-04-12; ETDE: 1980-02-11

Capillary action shaping technique for ribbon crystal growth.

UF *capillary action shaping technique*

BT1 crystal growth methods

RT crystal growth

RT efg method

RT sheets

CASTAGNOLI FORMULA

RT angular distribution

caste (insects)

USE insects

USE occupations

USE populations

castillejo-dalitz-dyson poles

USE cdd poles

CASTING

BT1 fabrication

NT1 electroslog casting

NT1 slip casting

NT1 vacuum casting

RT casting molds

RT castings

RT crucibles

RT dies

RT foundries

RT materials working

RT melting

RT molding

CASTING MOLDSUF *molds (casting)*

RT casting

RT castings

RT dies

RT molding

CASTINGS

1977-01-25

UF *metal castings*

RT casting

RT casting molds

RT degassing

RT inclusions

RT machine parts

RT solidification

CASTLE PROJECTUF *project castle*

*BT1 nuclear explosions

RT atmospheric explosions

RT bikini

RT nuclear weapons

RT surface explosions

RT thermonuclear explosions

CASTORUF *ricinum communis*

*BT1 euphorbia

*BT1 medicinal plants

RT castor oil

CASTOR OIL

*BT1 vegetable oils

RT castor

CASTOR TOKAMAK

INIS: 1987-05-26; ETDE: 1987-06-09

Institute of Plasma Physics, Czech Academy of Sciences, Prague.

*BT1 tokamak devices

CASTRATION

*BT1 surgery

RT androgens

RT estrogens

RT gonads

RT reproductive disorders

RT therapy

cat-ox process

2000-04-12

Catalytic oxidation method developed by monsanto enviro-chem systems, inc., for removing sulfur dioxide from flue gas of fossil-fuel generating stations. System consists basically of following phases: fly ash collection, conversion of sulfur dioxide to sulfur trioxide, heat recovery, removal of hydrogen sulfate, acid mist elimination, and acid storage and loading.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

CAT SCANNING

INIS: 1978-01-16; ETDE: 1978-03-03

Computerized Axial Tomography scanning.

UF *computer axial tomography scanning*UF *ct scanning*

*BT1 computerized tomography

RT biomedical radiography

RT image processing

CATABOLISM

BT1 metabolism
 RT decomposition
 RT glycolysis
 RT proteolysis

catacarb carbon dioxide removal process

2000-04-12

USE desulfurization

catacarb process

2000-04-12

Process for gas purification by removal of acid gases.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

cataclysmic binary stars

INIS: 1984-05-24; ETDE: 2002-06-13

USE eruptive variable stars

cataclysmic variable stars

INIS: 1984-05-24; ETDE: 1984-06-29

Variable close binary systems, one star of which provides the other with accretion material.

USE eruptive variable stars

CATAGENESIS

INIS: 2000-04-12; ETDE: 1977-08-09

Changes in a sedimentary rock caused by pressure-temperature conditions quite different from those of deposition; as opposed to diagenesis in which burial depth is slight and temperature close to that of deposition temperature.

RT diagenesis
 RT origin
 RT sediments

CATALASE

*BT1 peroxidases

CATALOGS

INIS: 1994-07-01; ETDE: 1978-01-23

(Until June 1994 this concept was indexed to INDEXES.)

BT1 document types
 RT directories

CATALYSIS

NT1 heterogeneous catalysis

NT1 homogeneous catalysis

NT1 photocatalysis

RT catalysts

RT catalytic converters

RT catalytic cracking

RT catalytic effects

RT chemical reaction kinetics

RT chemical reactions

RT coenzymes

RT electrocatalysts

RT enzyme activity

RT enzymes

RT inhibition

RT selective catalytic reduction

RT ziegler catalyst

CATALYST SUPPORTS

INIS: 1992-01-16; ETDE: 1978-06-14

UF supports (catalyst)

RT catalysts

RT substrates

RT supports

CATALYSTS

NT1 electrocatalysts

NT1 ziegler catalyst

RT additives

RT catalysis

RT catalyst supports

RT catalytic combustors

RT catalytic converters

RT photocatalysis

RT promoters

CATALYTIC COMBUSTORS

INIS: 2000-04-12; ETDE: 1978-04-06

Combustors which contain catalysts to increase efficiency and/or to reduce the emission of harmful gaseous pollutants.

BT1 combustors

RT air pollution control

RT catalysts

RT pollution control equipment

CATALYTIC CONVERTERS

1991-12-18

Air pollution control devices using a catalytic reaction to change gaseous effluents to harmless gases.

*BT1 pollution control equipment

RT air pollution control

RT automobiles

RT catalysis

RT catalysts

RT exhaust gases

CATALYTIC CRACKING

INIS: 1998-01-28; ETDE: 1976-12-15

*BT1 cracking

RT catalysis

RT hydrocracking

RT thermal cracking

CATALYTIC EFFECTS

1992-01-16

RT catalysis

RT electrocatalysts

CATALYTIC HYDROSOLVATION PROCESS

INIS: 2000-04-12; ETDE: 1978-08-07

Coal is impregnated with catalysts (zinc chloride, stannous chloride, and ammonium molybdate), slurried with oil, and hydrogenated under hydrogen pressures up to 4000 psi at 400 to 500 degrees C.

*BT1 coal liquefaction

RT desulfurization

catalytic-ifp ammonia scrubbing process

INIS: 2000-04-12; ETDE: 1977-04-12

USE desulfurization

CATALYTIC REFORMING

INIS: 2000-04-12; ETDE: 1979-01-30

Catalytic aromatization of the paraffins and naphthenes of a naphtha to a liquid.

*BT1 reformer processes

RT refining

catalytic rich gas process

INIS: 2000-04-12; ETDE: 1976-01-07

USE crg processes

catania national laboratory

2016-12-12

USE infn

cataphoresis

USE electrophoresis

catapleite

1996-06-26

(Until June 1996 this was a valid descriptor.)

USE silicate minerals

CATARACTS

UF eye cataracts

*BT1 sense organs diseases

RT crystalline lens

CATAWBA-1 REACTOR

Duke Energy Co., Rock Hill, South Carolina, USA.

*BT1 pwr type reactors

CATAWBA-2 REACTOR

Duke Energy Co., Rock Hill, South Carolina, USA.

*BT1 pwr type reactors

catchment basins

2001-07-26

USE watersheds

catechol

USE pyrocatechol

CATECHOLAMINES

*BT1 amines

*BT1 polyphenols

RT pyrocatechol

cathepsin

2000-04-12

(From January 1981 to August 1989, this was a valid ETDE descriptor and material from this period is so indexed.)

USE cathepsins

CATHEPSINS

ETDE: 1981-01-30

Code number 3.4.22.1.

UF cathepsin

*BT1 sh-proteinases

CATHODE FOLLOWERS

BT1 electronic circuits

RT pulse amplifiers

CATHODE RAY TUBE DIGITIZERS

UF pepr devices

*BT1 digitizers

CATHODE RAY TUBES

BT1 electron tubes

RT display devices

RT electron scanning

RT image tubes

RT oscillographs

CATHODE SPUTTERING

BT1 sputtering

RT physical vapor deposition

RT vapor plating

CATHODES

BT1 electrodes

NT1 hollow cathodes

NT1 photocathodes

RT cathodoluminescence

RT electron tubes

RT thermionic emitters

CATHODIC PROTECTION

INIS: 1999-10-08; ETDE: 1977-03-08

(Until October 1999 this concept was indexed by CORROSION PROTECTION.)

BT1 corrosion protection

RT electrochemical corrosion

RT pitting corrosion

CATHODOLUMINESCENCE

Cathode-ray-excited emission.

*BT1 luminescence

RT cathodes

RT emission spectroscopy

cation exchange capacity

INIS: 2000-04-12; ETDE: 1979-03-27

USE cations

USE ion exchange

CATIONS

UF cation exchange capacity
 UF positive ions
 *BT1 ions
 NT1 hydrogen ions 1 plus
 NT1 hydrogen ions 2 plus
 NT1 hydrogen ions 3 plus
 RT carbonium compounds
 RT chemical state
 RT electrolysis
 RT ion beams
 RT ion exchange materials

CATS

*BT1 mammals

CATTAILS

INIS: 1991-12-16; ETDE: 1980-11-25

*BT1 liliopsida
 RT aquatic ecosystems
 RT biomass
 RT marshes

CATTENOM-1 REACTOR

INIS: 1984-07-20; ETDE: 1984-09-05
Electricite de France, Cattenom, Moselle, France
 *BT1 pwr type reactors

CATTENOM-2 REACTOR

INIS: 1984-07-20; ETDE: 1984-09-05
Electricite de France, Cattenom, Moselle, France
 *BT1 pwr type reactors

CATTENOM-3 REACTOR

INIS: 1984-07-20; ETDE: 1984-09-05
Electricite de France, Cattenom, Moselle, France
 *BT1 pwr type reactors

CATTENOM-4 REACTOR

INIS: 1984-07-20; ETDE: 1984-09-05
Electricite de France, Cattenom, Moselle, France
 *BT1 pwr type reactors

CATTLE

UF bovine
 *BT1 domestic animals
 *BT1 ruminants
 NT1 calves
 NT1 cows
 RT forage
 RT gramineae
 RT meat
 RT pastures

CAUCASUS

INIS: 2000-04-12; ETDE: 1978-06-14
 RT armenia
 RT azerbaijan
 RT republic of georgia
 RT russian federation

CAUCHY PROBLEM

1999-04-13
 RT boundary conditions
 RT boundary-value problems
 RT partial differential equations

cauliflower

USE brassica

caulking

INIS: 2000-04-12; ETDE: 1977-11-09
 (Prior to February 1997 this was a valid ETDE descriptor.)
 SEE air infiltration
 SEE seals
 SEE weatherization

CAUSALITY

RT quantum mechanics
 RT schwinger source theory

CAUSTIC FLOODING

INIS: 2000-04-12; ETDE: 1978-10-23
Injection of alkaline solution to enhance recovery of residual petroleum.
 UF alkaline flooding
 *BT1 waterflooding
 RT enhanced recovery

CAVES

BT1 cavities
 RT geologic fissures
 RT openings
 RT rock caverns
 RT salt caverns

CAVING

INIS: 1992-09-01; ETDE: 1979-06-06
 RT strata control
 RT strata movement
 RT underground mining

CAVING MINING

INIS: 2000-04-12; ETDE: 1979-01-30
 *BT1 underground mining

CAVITATION

UF column separation (fluid mechanics)
 RT fluid flow
 RT ultrasonic waves

CAVITIES

(From November 1976 till March 1997 UNDERGROUND SPACE was a valid ETDE descriptor.)

SF underground space
 NT1 boreholes
 NT1 caves
 NT1 craters
 NT1 rock caverns
 NT1 salt caverns
 NT1 sinuses
 RT chimneys
 RT crystal defects
 RT excavation
 RT mine shafts
 RT nuclear explosions
 RT openings
 RT underground explosions
 RT underground storage
 RT voids
 RT water influx

cavity ionization chambers

USE bragg gray chambers

CAVITY RECEIVERS

INIS: 2000-04-12; ETDE: 1979-09-26
 BT1 solar receivers

CAVITY RESONATORS

UF resonance cavities
 *BT1 resonators
 NT1 superconducting cavity resonators
 RT cyclic accelerators
 RT microwave equipment
 RT rf systems
 RT tuning

cba (brookhaven colliding beam accelerator)

INIS: 2000-04-12; ETDE: 1983-04-28
 USE isabelle storage rings

cba process

INIS: 2000-04-12; ETDE: 1977-08-09
 USE desulfurization

CBM DETECTOR

2017-11-01
The Compressed Baryonic Matter is a fixed target experiment designed to explore the QCD phase diagram in the region of high net-baryon densities
 UF cbm experiment
 UF compressed baryonic matter experiment
 *BT1 radiation detectors
 RT fair accelerator complex

cbm experiment

2017-11-01
 USE cbm detector

ccba

USE coupled channel born approximation

ccd

INIS: 1979-09-18; ETDE: 1978-04-27
 USE charge-coupled devices

ccms

INIS: 2000-04-12; ETDE: 1978-02-14
Committee on the challenges of modern society.
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE international organizations

cd-4mcu

INIS: 2000-04-12; ETDE: 1979-09-06
 USE steel-cd-4mcu

CDC COMPUTERS

BT1 computers
 RT supercomputers

CDD POLES

UF castillejo-dalitz-dyson poles
 RT dispersion relations
 RT partial waves

cdf

INIS: 1992-01-14; ETDE: 1985-12-13
 (Prior to January 1992, this was a valid ETDE descriptor.)
 USE fermilab collider detector

CDFR REACTOR

INIS: 1979-09-18; ETDE: 1979-10-23
Plan was cancelled.
 UF commercial demonstration fast reactor
 *BT1 lmfr type reactors
 *BT1 power reactors
 *BT1 sodium cooled reactors

CDTA

Cyclohexylenedinitrilotetraacetic acid.
 UF cyclohexylenedinitrilotetraacetic acid
 *BT1 amino acids
 BT1 chelating agents

CDTE SEMICONDUCTOR DETECTORS

UF cadmium telluride detectors
 *BT1 semiconductor detectors

CDX-U SPHEROMAK

INIS: 1999-07-26; ETDE: 1999-09-02
Current Drive Experiment Upgrade, Princeton Plasma Physics Laboratory, USA.
 *BT1 spheromak devices

cdznte

2017-02-02
 USE cdznte semiconductor detectors

CDZNTS SEMICONDUCTOR DETECTORS

2017-02-02

UF cdznte

UF czr

*BT1 semiconductor detectors

CE ENTRAINED FUEL PROCESS

INIS: 2000-04-12; ETDE: 1977-05-07

Process using a low pressure, air-blown entrained gasifier with two points of coal feed that can be modified to operate under pressure and with oxygen blowing.

UF combustion engineering gasification process

*BT1 coal gasification

RT entrainment

ce lumms cffc process

INIS: 2000-04-12; ETDE: 1981-10-24

A plug flow, expanded-bed, catalytic, hydroliquefaction process.

(Prior to February 1995, this was a valid ETDE descriptor.)

USE coal liquefaction

CE STANDARD REACTOR

1975-10-29

USA.

(Prior to 1975, PWR/80 TYPE REACTORS was used.)

UF combustion engineering standard reactor

UF pwr/80 type reactors

*BT1 pwr type reactors

RT palo verde-1 reactor

RT palo verde-2 reactor

RT palo verde-3 reactor

RT palo verde-4 reactor

RT palo verde-5 reactor

CEA

UF commissariat a l'energie atomique

*BT1 french organizations

NT1 cea bruyeres-le-chatel

NT1 cea cadarache

NT1 cea fontenay-aux-roses

NT1 cea grenoble

NT1 cea la hague

NT1 cea marcoule

NT1 cea pierrelatte

NT1 cea saclay

RT areva nc

RT france

cea (accelerator)

INIS: 1984-06-21; ETDE: 2002-06-13

USE cambridge electron accelerator

cea (antigen)

INIS: 1982-09-21; ETDE: 1980-10-07

USE carcinoembryonic antigen

CEA-ADL DUAL ALKALI PROCESS

INIS: 2000-04-12; ETDE: 1978-06-14

Flue gas is passed through an absorption section where sulfur dioxide, chlorides, and sulfur trioxide are removed via contact with a solution of sodium salts. The sodium/sulfur salts are reacted with hydrated lime in a special 2-stage reactor to regenerate the sodium. Calcium/sulfur solids produced are separated from the liquor containing regenerated sodium compounds and disposed of. The regenerated liquor is recirculated to the absorption section.

UF limestone dual alkali desulfurization process

*BT1 desulfurization

RT waste processing

CEA BRUYERES-LE-CHATEL

INIS: 1989-12-08; ETDE: 1990-01-03

*BT1 cea

CEA CADARACHE

UF cadarache (cea)

*BT1 cea

CEA FONTENAY-AUX-ROSES

UF fontenay-aux-roses (cea)

*BT1 cea

CEA GRENOBLE

*BT1 cea

CEA LA HAGUE

*BT1 cea

*BT1 fuel reprocessing plants

CEA MARCOULE

UF marcoule (cea)

*BT1 cea

CEA PIERRELATTE

UF pierrelatte (cea)

*BT1 cea

CEA SACLAY

UF saclay (cea)

*BT1 cea

CEBAF ACCELERATOR

INIS: 1987-05-26; ETDE: 1987-06-09

Continuous Electron Beam Accelerator Facility.

UF jefferson laboratory

UF thomas jefferson national accelerator facility

*BT1 linear accelerators

RT jefferson lab meic

CEDAR COMPUTERS

INIS: 2000-04-12; ETDE: 1987-04-08

RT array processors

RT parallel processing

RT supercomputers

RT vector processing

CEDARS

INIS: 1992-01-15; ETDE: 1985-12-11

UF junipers

UF juniperus

*BT1 conifers

*BT1 trees

cef-or reactor

USE or-cef reactor

CEFR REACTOR

INIS: 2000-02-22; ETDE: 2000-10-04

Beijing, China.

UF china experimental fast reactor

*BT1 experimental reactors

*BT1 fast reactors

CEILING FANS

INIS: 2000-04-12; ETDE: 1982-03-10

RT air conditioning

RT blowers

RT cooling systems

RT ventilation

CEILINGS

INIS: 2000-04-12; ETDE: 1975-09-11

RT buildings

CELESTIN REACTOR

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 tritium production reactors

CELL CONSTITUENTS

1997-06-19

UF organelles

UF subcellular organelles

NT1 cell membranes

NT2 myelin

NT1 cell nuclei

NT2 nucleoli

NT1 cell wall

NT1 chloroplasts

NT1 cytoplasm

NT1 endoplasmic reticulum

NT2 sarcoplasmic reticulum

NT1 golgi complexes

NT1 microtubules

NT1 mitochondria

NT1 phycobilisomes

NT1 plasmids

NT1 ribosomes

NT2 microsomes

RT animal cells

RT cytological techniques

RT cytology

RT liposomes

RT phagocytosis

RT plant cells

RT post-translation modification

RT subcellular distribution

RT tissue extracts

RT ultracentrifugation

RT ultrastructural changes

CELL CULTURES

UF cultures (cells)

NT1 clone cells

NT1 synchronous cultures

RT animal cells

RT biotechnology

RT cho cells

RT cloning

RT colony formation

RT culture media

RT hybridomas

RT in vitro

RT methanotrophic bacteria

RT microorganisms

RT mutagen screening

RT plant cells

RT tissue cultures

RT tumor cells

CELL CYCLE

RT cell division

RT concanavalin a

RT dna replication

RT replicons

RT synchronization

RT synchronous cultures

CELL DIFFERENTIATION

RT apoptosis

RT blood formation

RT gene amplification

RT genetic engineering

RT growth factors

RT ontogenesis

CELL DIVISION

NT1 meiosis

NT1 mitosis

RT cell cycle

RT cell proliferation

RT gametogenesis

RT healing

RT in vivo

RT mitogens

RT non-disjunction

CELL FLOW SYSTEMS

INIS: 1977-09-06; ETDE: 1976-08-04
Fluid flow devices in which a stream of individual cells from biological cell samples flow through a chamber enabling the screening of cytological material.

UF flow cytometers
 RT animal cells
 RT chromosome sorting
 RT cytological techniques
 RT cytology
 RT plant cells

cell growth (animal)

USE animal cells
 USE growth

cell growth (plant)

USE growth
 USE plant cells

CELL KILLING

RT apoptosis
 RT death

CELL MEMBRANES

1999-04-21

SF membrane theory
 BT1 cell constituents
 BT1 membranes
 NT1 myelin
 RT cell wall
 RT golgi complexes
 RT membrane pores
 RT radioreceptor assay
 RT subcellular distribution

CELL NUCLEI

UF nuclei (cells)
 BT1 cell constituents
 NT1 nucleoli
 RT chromatin
 RT chromosomes
 RT human chromosomes
 RT nucleic acids
 RT subcellular distribution

CELL PROLIFERATION

UF proliferation (cell)
 RT cell division
 RT cloning
 RT concanavalin a
 RT growth factors
 RT in vivo
 RT phytohemagglutinin
 RT replicons

cell recycle

INIS: 2000-04-12; ETDE: 1978-10-23
Technique of recycling yeasts or other microorganisms back into biochemical reaction vessel.
 (Prior to February 1997 this was a valid ETDE descriptor.)

SEE anaerobic digestion
 SEE fermentation

CELL TRANSFORMATIONS

INIS: 1999-04-21; ETDE: 1985-11-19
 NT1 oncogenic transformations
 RT viral diseases

CELL WALL

UF walls (cell)
 BT1 cell constituents
 RT cell membranes
 RT plant cells

cellars

INIS: 1992-08-25; ETDE: 1984-08-06
 USE basements

CELLOBIOSE

*BT1 disaccharides

CELLOPHANE

*BT1 polysaccharides
 RT cellulose

CELLOSOLVES

UF glycol monoalkyl ethers
 *BT1 ethers
 *BT1 glycols
 *BT1 organic solvents

cells (animal)

USE animal cells

cells (bacterial)

USE bacteria

cells (electrolytic)

USE electrolytic cells

cells (immobilized)

INIS: 2000-04-12; ETDE: 1980-09-22
 SEE immobilized cells

cells (plant)

USE plant cells

cells (reactor)

USE reactor cells

CELLULOSE

INIS: 1996-11-13; ETDE: 1981-01-12
Code number 3.2.1.4.
 UF cellulases
 UF cellulolytic activity
 *BT1 o-glycosyl hydrolases
 RT enzymatic hydrolysis

cellulases

INIS: 2000-04-12; ETDE: 1978-03-03
Code number 3.2.1.4.
 USE cellulase

CELLULOID

RT camphor
 RT cellulose esters
 RT nitrocellulose

cellulolytic activity

INIS: 1985-07-23; ETDE: 1979-05-25
Measure of efficiency for cellulose biodegradation.
 (Prior to February 1997 this was a valid ETDE descriptor.)
 USE cellulase
 USE enzymatic hydrolysis

CELLULOSE

UF ethocel
 *BT1 polysaccharides
 RT bagasse
 RT biomass
 RT cellophane
 RT cellulose esters
 RT cellulosic ethanol
 RT delignification
 RT hemicellulose
 RT polyacetals
 RT rayon

CELLULOSE ESTERS

1999-04-27
 *BT1 esters
 NT1 nitrocellulose
 RT celluloid
 RT cellulose

CELLULOSIC ETHANOL

2009-04-22
 *BT1 bioethanol
 RT cellulose

RT maize
 RT switchgrass

CELSIUS STORAGE RING

INIS: 1986-07-09; ETDE: 1989-08-16
 BT1 storage rings
 RT uppsala synchrocyclotron

celtic sea

INIS: 2000-04-12; ETDE: 1977-05-07
 USE irish sea

CEMENT INDUSTRY

INIS: 1994-09-13; ETDE: 1977-07-23
 BT1 industry
 RT cements
 RT portland cement

cemented carbides

ETDE: 2002-06-13
 USE cermets

CEMENTING

INIS: 2000-06-27; ETDE: 1981-08-21
 RT bonding
 RT cements
 RT compacting
 RT grouting
 RT plugging
 RT seals
 RT well casings
 RT well completion

CEMENTITE

1995-11-22
A compound, Fe₃C, occurring as lamellae in steel.
 *BT1 intermetallic compounds
 *BT1 iron carbides
 RT martensite
 RT pearlite
 RT steels

CEMENTS

*BT1 building materials
 NT1 gypsum cements
 NT1 portland cement
 RT cement industry
 RT cementing
 RT concretes
 RT grouting
 RT mortars
 RT plugging agents

CEN

INIS: 2004-07-16; ETDE: 2002-10-02
 UF european committee for standardization
 BT1 international organizations
 RT recommendations
 RT standardization
 RT standardized terminology
 RT standards document

CENNA

INIS: 1989-02-24; ETDE: 1989-03-20
Convention on Early Notification of a Nuclear Accident.
 UF convention on early notification of nuclear accident
 UF early notification convention
 *BT1 multilateral agreements
 RT iaea
 RT reactor accidents

CENOZOIC ERA

INIS: 1992-04-14; ETDE: 1977-10-19
 BT1 geologic ages
 NT1 quaternary period
 NT2 pleistocene epoch
 NT1 tertiary period
 NT2 eocene epoch

NT2 miocene epoch
NT2 pliocene epoch

CENTAURO-TYPE EVENTS

INIS: 1999-03-23; ETDE: 1979-08-07

Cosmic-ray events of high hadron multiplicity without associated neutral pions.

RT cosmic radiation
RT cosmic showers
RT extensive air showers
RT fireball model
RT hadrons
RT multiple production
RT nuclear matter
RT particle interactions
RT quarks

CENTER-OF-MASS SYSTEM

UF centre-of-mass system
RT coordinates
RT laboratory system
RT longitudinal momentum
RT lorentz transformations
RT mechanics
RT scattering
RT transverse momentum

CENTRAL AFRICAN REPUBLIC

BT1 africa
BT1 developing countries

CENTRAL AMERICA

1996-07-08

(Prior to July 1996 PANAMA CANAL ZONE was a valid ETDE descriptor.)

UF panama canal zone
BT1 latin america
NT1 belize
NT1 costa rica
NT1 el salvador
NT1 guatemala
NT1 honduras
NT1 nicaragua
NT1 panama

CENTRAL HEATING PLANTS

1999-02-12

RT district cooling
RT district heating
RT modular integrated utility systems
RT solar district heating
RT space heating
RT steam generation plants

central intelligence agency

INIS: 2000-04-12; ETDE: 1980-08-25

USE us cia

CENTRAL NERVOUS SYSTEM

BT1 nervous system
NT1 brain
NT2 cerebellum
NT2 cerebrum
NT3 cerebral cortex
NT2 hippocampus
NT2 hypothalamus
NT2 olfactory bulbs
NT2 thalamus
NT1 spinal cord
RT behavior
RT central nervous system agents
RT central nervous system depressants
RT cerebrospinal fluid
RT meninges
RT rabies
RT radiation syndrome
RT receptors

CENTRAL NERVOUS SYSTEM AGENTS

INIS: 1984-05-24; ETDE: 1981-04-20

BT1 drugs
NT1 analeptics
NT2 amphetamines
NT3 benzedrine
NT2 caffeine
NT1 central nervous system depressants
NT2 analgesics
NT3 acetylsalicylic acid
NT3 antipyrine
NT3 codeine
NT3 opium
NT4 morphine
NT5 thebaine
NT3 pethidine
NT2 anesthetics
NT3 barbiturates
NT4 nembutal
NT4 phenobarbital
NT3 cocaine
NT3 procaine
NT2 anticonvulsants
NT3 phenobarbital
NT2 antipyretics
NT3 acetylsalicylic acid
NT3 antipyrine
NT3 colchicine
NT3 quinine
NT2 hypnotics and sedatives
NT3 barbiturates
NT4 nembutal
NT4 phenobarbital
NT3 chlorpromazine
NT3 codeine
NT3 reserpine
NT2 narcotics
NT3 heroin
NT3 methadone hydrochloride
NT3 opium
NT4 morphine
NT5 thebaine
NT3 pethidine
NT1 psychotropic drugs
NT2 antidepressants
NT3 cocaine
NT3 imipramine
NT2 hallucinogens
NT3 bufotenine
NT2 tranquilizers
NT3 chlorpromazine
NT3 reserpine
RT behavior
RT central nervous system
RT mental disorders

CENTRAL NERVOUS SYSTEM DEPRESSANTS

INIS: 1984-05-24; ETDE: 1981-04-20

UF cns depressants
UF depressants (central nervous system)
*BT1 central nervous system agents
NT1 analgesics
NT2 acetylsalicylic acid
NT2 antipyrine
NT2 codeine
NT2 opium
NT3 morphine
NT4 thebaine
NT2 pethidine
NT1 anesthetics
NT2 barbiturates
NT3 nembutal
NT3 phenobarbital
NT2 cocaine
NT2 procaine
NT1 anticonvulsants
NT2 phenobarbital

NT1 antipyretics
NT2 acetylsalicylic acid
NT2 antipyrine
NT2 colchicine
NT2 quinine
NT1 hypnotics and sedatives
NT2 barbiturates
NT3 nembutal
NT3 phenobarbital
NT2 chlorpromazine
NT2 codeine
NT2 reserpine
NT1 narcotics
NT2 heroin
NT2 methadone hydrochloride
NT2 opium
NT3 morphine
NT4 thebaine
NT2 pethidine
RT anesthesia
RT behavior
RT central nervous system
RT endorphins
RT sleep

central nervous system stimulants

INIS: 1984-05-24; ETDE: 1981-04-20

USE analeptics

central nuclear de zorita-1

USE zorita-1 reactor

central nuclear en atucha reactor

1993-11-04

SEE atucha-1 reactor
SEE atucha-2 reactor

CENTRAL POTENTIAL

BT1 potentials
RT coulomb field

central receiver power plants

INIS: 2000-04-12; ETDE: 1984-08-20

USE tower focus power plants

CENTRAL RECEIVER TEST FACILITY

INIS: 2000-04-12; ETDE: 1980-11-25

DOE's test facility at Sandia Laboratories.

UF solar thermal test facility
BT1 test facilities
RT central receivers
RT heliostats
RT tower focus collectors
RT tower focus power plants

CENTRAL RECEIVERS

INIS: 1993-01-28; ETDE: 1976-05-17

UF solar central receivers
BT1 solar receivers
RT advanced components test facility
RT boilers
RT central receiver test facility
RT solar collectors
RT tower focus power plants

central region

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to June 1982, this was a valid ETDE descriptor.)

USE usa

CENTRALLY PLANNED ECONOMIES

INIS: 1997-08-20; ETDE: 1979-12-10

Includes the economies of the countries in the list below.

RT albania
RT bulgaria
RT china
RT economic development

RT economic policy
 RT mongolian peoples republic
 RT national government
 RT nationalization
 RT north korea
 RT romania
 RT viet nam

centre-of-mass system

USE center-of-mass system

centrifugal contactors

INIS: 2000-04-12; ETDE: 1981-10-24

USE extraction apparatuses

CENTRIFUGAL FAST ANALYZERS

2000-04-12

RT chemical analysis

CENTRIFUGAL PUMPS

INIS: 1994-06-27; ETDE: 1979-09-26

*BT1 pumps

centrifugal separators

INIS: 1976-10-07; ETDE: 1976-03-22

USE inertial separators

CENTRIFUGATION

BT1 separation processes

NT1 gas centrifugation

NT1 ultracentrifugation

RT centrifuge enrichment plants

RT isotope separation

RT podbielniak contactors

RT sedimentation

RT ultracentrifuges

CENTRIFUGE ENRICHMENT PLANTS

INIS: 1978-02-23; ETDE: 1976-05-17

UF enrichment plants (centrifuge)

UF enrichment plants (ultracentrifuge)

UF ultracentrifuge enrichment plants

*BT1 isotope separation plants

NT1 portsmouth centrifuge enrichment plant

NT1 rokkasho uranium enrichment plant

RT centrifugation

RT gas centrifugation

RT ultracentrifugation

CENTRIFUGES

BT1 concentrators

NT1 gas centrifuges

NT1 plasma centrifuges

NT1 ultracentrifuges

centro informazioni studi esperienze

2002-06-21

USE cise

centro studi nucleari enrico fermi reactor

1993-11-04

USE cesnef reactor

CENTROMERES

1995-01-27

Specialized portions of chromosomes used as anchoring points to secure chromosomes during cell division.

RT chromatin

RT chromosomes

RT mitosis

cepfr-1 reactor

2000-04-12

USE zero power reactors

cephalins

1996-10-22

(Until October 1996 this was a valid descriptor.)

USE amines

USE phospholipids

CEPHEIDS

*BT1 pulsating variable stars

CERAMIC MELTERS

INIS: 1981-02-27; ETDE: 1980-01-24

An electric furnace for vitrifying liquid or calcined high-level radioactive wastes.

UF glass melters

*BT1 electric furnaces

RT high-level radioactive wastes

RT liquid wastes

RT radioactive waste processing

RT solidification

RT vitrification

CERAMICS

RT borides

RT carbides

RT ceramics industry

RT ceramography

RT cermets

RT clays

RT dielectric track detectors

RT enamels

RT glass

RT glazes

RT mixed nitride fuels

RT mixed oxide fuels

RT nitrides

RT oxides

RT porcelain

RT pzt

RT refractories

RT slip casting

CERAMICS INDUSTRY

INIS: 1992-05-05; ETDE: 1977-11-28

BT1 industry

RT ceramics

RT metal industry

RT mineral industry

CERAMOGRAPHY

INIS: 1978-08-30; ETDE: 1978-10-19

Methods for the characterization of microstructural features and stereometric and topologic parameters of ceramic materials including sample preparation techniques.

RT autoradiography

RT ceramics

RT cracks

RT electron microprobe analysis

RT etching

RT fractography

RT materials testing

RT microhardness

RT microscopy

RT microstructure

RT particle size

RT photomicrography

RT porosity

RT post-irradiation examination

RT replica techniques

RT sample preparation

RT surface properties

CERATITIS CAPITATA

UF mediterranean fruit fly

*BT1 fruit flies

cercaria

USE platyhelminths

cercla

1992-02-05

Comprehensive Environmental Response, Compensation and Liability Act.

USE us superfund

CEREALS

UF grains (cereal)

*BT1 gramineae

NT1 barley

NT1 maize

NT1 millet

NT1 oats

NT1 rice

NT1 rye

NT1 sorghum

NT1 wheat

RT buckwheat

RT crops

RT flour

RT food

RT grain disinfection

RT ustilago

RT vernalization

CEREBELLUM

*BT1 brain

CEREBRAL ARTERIES

INIS: 1996-08-05; ETDE: 1986-02-21

*BT1 arteries

RT brain

CEREBRAL CORTEX

UF cortex (cerebral)

*BT1 cerebrum

RT behavior

RT conditioned reflexes

CEREBROSIDES

*BT1 glycolipids

RT amides

RT galactose

CEREBROSPINAL FLUID

*BT1 body fluids

RT central nervous system

CEREBRUM

*BT1 brain

NT1 cerebral cortex

cerianite

1996-06-26

(Until June 1996 this was a valid descriptor.)

USE oxide minerals

USE thorium minerals

cerite

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE silicate minerals

CERIUM

*BT1 rare earths

NT1 cerium-alpha

NT1 cerium-beta

NT1 cerium-gamma

CERIUM 119

2007-01-22

*BT1 cerium isotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 milliseconds living radioisotopes

*BT1 rare earth nuclei

CERIUM 120

2007-01-22

*BT1 cerium isotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

- *BT1 milliseconds living radioisotopes
- *BT1 rare earth nuclei

CERIUM 121*2002-02-27*

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 122*2007-01-22*

- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 123*INIS: 1984-08-23; ETDE: 1984-09-20*

- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 124*INIS: 1979-02-21; ETDE: 1979-03-28*

- *BT1 cerium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 125*INIS: 1979-02-21; ETDE: 1979-03-28*

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 126

- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 127*INIS: 1978-02-23; ETDE: 1978-04-28*

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 128

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

CERIUM 129

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

CERIUM 130

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

CERIUM 131

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

CERIUM 132

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

CERIUM 133

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 rare earth nuclei

CERIUM 134

- *BT1 cerium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei

CERIUM 135

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 136

- *BT1 cerium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

CERIUM 136 TARGET*ETDE: 1976-07-09*

- BT1 targets

CERIUM 137

- *BT1 beta-plus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 rare earth nuclei

CERIUM 138

- *BT1 cerium isotopes
- *BT1 even-even nuclei
- *BT1 isomeric transition isotopes
- *BT1 rare earth nuclei
- *BT1 stable isotopes

CERIUM 138 TARGET*ETDE: 1976-07-09*

- BT1 targets

CERIUM 139

- *BT1 cerium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 isomeric transition isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 140

- *BT1 cerium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

CERIUM 140 TARGET*ETDE: 1976-07-09*

- BT1 targets

CERIUM 141

- *BT1 beta-minus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei

CERIUM 141 TARGET*INIS: 1975-10-23; ETDE: 1976-07-09*

- BT1 targets

CERIUM 142

- *BT1 cerium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

CERIUM 142 TARGET*INIS: 1975-10-23; ETDE: 1976-07-09*

- BT1 targets

CERIUM 143

- *BT1 beta-minus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei

CERIUM 144

- *BT1 beta-minus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 days living radioisotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei

CERIUM 144 TARGET*INIS: 1992-09-22; ETDE: 1981-08-21*

- BT1 targets

CERIUM 145

- *BT1 beta-minus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

CERIUM 146

- *BT1 beta-minus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

CERIUM 147

- *BT1 beta-minus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 148

- *BT1 beta-minus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

CERIUM 149*INIS: 1977-06-13; ETDE: 1975-09-11*

- *BT1 beta-minus decay radioisotopes
- *BT1 cerium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei

*BT1 seconds living radioisotopes

CERIUM 150

*BT1 beta-minus decay radioisotopes
 *BT1 cerium isotopes
 *BT1 even-even nuclei
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

CERIUM 151

INIS: 1977-01-26; ETDE: 1976-11-17

*BT1 beta-minus decay radioisotopes
 *BT1 cerium isotopes
 *BT1 even-odd nuclei
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

CERIUM 152

INIS: 1990-06-25; ETDE: 1990-08-02

*BT1 beta-minus decay radioisotopes
 *BT1 cerium isotopes
 *BT1 even-even nuclei
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

CERIUM 153

2007-01-22

*BT1 beta-minus decay radioisotopes
 *BT1 cerium isotopes
 *BT1 even-odd nuclei
 *BT1 rare earth nuclei

CERIUM 154

2007-01-22

*BT1 beta-minus decay radioisotopes
 *BT1 cerium isotopes
 *BT1 even-even nuclei
 *BT1 rare earth nuclei

CERIUM 155

2007-01-22

*BT1 beta-minus decay radioisotopes
 *BT1 cerium isotopes
 *BT1 even-odd nuclei
 *BT1 rare earth nuclei

CERIUM 156

2007-01-22

*BT1 beta-minus decay radioisotopes
 *BT1 cerium isotopes
 *BT1 even-even nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 rare earth nuclei

CERIUM 157

2007-01-22

*BT1 beta-minus decay radioisotopes
 *BT1 cerium isotopes
 *BT1 even-odd nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 rare earth nuclei

CERIUM ADDITIONS

1996-11-13

Alloys containing not more than 1% Ce are listed here.

*BT1 cerium alloys
 *BT1 rare earth additions

CERIUM ALLOYS

Alloys containing more than 1% Ce.

*BT1 rare earth alloys
 NT1 cerium additions
 NT1 cerium base alloys
 NT2 misch metal

CERIUM-ALPHA

*BT1 cerium

CERIUM ARSENIDES

INIS: 1978-07-17; ETDE: 1978-10-19

*BT1 arsenides
 *BT1 cerium compounds

CERIUM BASE ALLOYS

*BT1 cerium alloys
 NT1 misch metal

CERIUM-BETA

INIS: 1977-09-06; ETDE: 1977-06-02

*BT1 cerium

CERIUM BORIDES

*BT1 borides
 *BT1 cerium compounds

CERIUM BROMIDES

*BT1 bromides
 *BT1 cerium halides

CERIUM CARBIDES

*BT1 carbides
 *BT1 cerium compounds

CERIUM CARBONATES

1996-07-18

*BT1 carbonates
 *BT1 cerium compounds
 RT carbonate minerals

CERIUM CHLORIDES

*BT1 cerium halides
 *BT1 chlorides

CERIUM COMPLEXES

*BT1 rare earth complexes

CERIUM COMPOUNDS

BT1 rare earth compounds
 NT1 cerium arsenides
 NT1 cerium borides
 NT1 cerium carbides
 NT1 cerium carbonates
 NT1 cerium halides
 NT2 cerium bromides
 NT2 cerium chlorides
 NT2 cerium fluorides
 NT2 cerium iodides
 NT1 cerium hydrides
 NT1 cerium hydroxides
 NT1 cerium nitrates
 NT1 cerium nitrides
 NT1 cerium oxides
 NT1 cerium perchlorates
 NT1 cerium phosphates
 NT1 cerium phosphides
 NT1 cerium selenides
 NT1 cerium silicates
 NT1 cerium silicides
 NT1 cerium sulfates
 NT1 cerium sulfides
 NT1 cerium tellurides
 NT1 cerium tungstates

CERIUM FLUORIDES

*BT1 cerium halides
 *BT1 fluorides

CERIUM-GAMMA

*BT1 cerium

CERIUM HALIDES

2012-07-19

*BT1 cerium compounds
 *BT1 halides
 NT1 cerium bromides
 NT1 cerium chlorides
 NT1 cerium fluorides
 NT1 cerium iodides

CERIUM HYDRIDES

*BT1 cerium compounds
 *BT1 hydrides

CERIUM HYDROXIDES

*BT1 cerium compounds
 *BT1 hydroxides

CERIUM IODIDES

*BT1 cerium halides
 *BT1 iodides

CERIUM IONS

*BT1 ions

CERIUM ISOTOPES

BT1 isotopes
 NT1 cerium 119
 NT1 cerium 120
 NT1 cerium 121
 NT1 cerium 122
 NT1 cerium 123
 NT1 cerium 124
 NT1 cerium 125
 NT1 cerium 126
 NT1 cerium 127
 NT1 cerium 128
 NT1 cerium 129
 NT1 cerium 130
 NT1 cerium 131
 NT1 cerium 132
 NT1 cerium 133
 NT1 cerium 134
 NT1 cerium 135
 NT1 cerium 136
 NT1 cerium 137
 NT1 cerium 138
 NT1 cerium 139
 NT1 cerium 140
 NT1 cerium 141
 NT1 cerium 142
 NT1 cerium 143
 NT1 cerium 144
 NT1 cerium 145
 NT1 cerium 146
 NT1 cerium 147
 NT1 cerium 148
 NT1 cerium 149
 NT1 cerium 150
 NT1 cerium 151
 NT1 cerium 152
 NT1 cerium 153
 NT1 cerium 154
 NT1 cerium 155
 NT1 cerium 156
 NT1 cerium 157

CERIUM NITRATES

*BT1 cerium compounds
 *BT1 nitrates

CERIUM NITRIDES

*BT1 cerium compounds
 *BT1 nitrides

CERIUM OXIDES

1996-06-26

*BT1 cerium compounds
 *BT1 oxides
 RT oxide minerals

CERIUM PERCHLORATES

*BT1 cerium compounds
 *BT1 perchlorates

CERIUM PHOSPHATES

1996-06-26

*BT1 cerium compounds
 *BT1 phosphates
 RT phosphate minerals

CERIUM PHOSPHIDES

INIS: 1978-07-17; ETDE: 1976-12-15

*BT1 cerium compounds
 *BT1 phosphides

CERIUM SELENIDES

INIS: 1976-10-29; ETDE: 1976-12-16

*BT1 cerium compounds
 *BT1 selenides

CERIUM SILICATES

1996-07-18

*BT1 cerium compounds

*BT1 silicates

RT kainosite

RT silicate minerals

CERIUM SILICIDES

1975-10-29

*BT1 cerium compounds

*BT1 silicides

CERIUM SULFATES

*BT1 cerium compounds

*BT1 sulfates

CERIUM SULFIDES

*BT1 cerium compounds

*BT1 sulfides

CERIUM TELLURIDES

INIS: 1985-03-15; ETDE: 1980-06-23

*BT1 cerium compounds

*BT1 tellurides

CERIUM TUNGSTATES

INIS: 1991-09-16; ETDE: 1977-06-02

*BT1 cerium compounds

*BT1 tungstates

CERMETS

UF cemented carbides

UF hard metals

*BT1 composite materials

NT1 td-nickel

NT1 td-nickel chromium

RT ceramics

RT refractories

CERN

UF european organization for nuclear research

BT1 international organizations

RT alice detector

RT atlas detector

RT cms detector

RT compass detector

RT lhcb detector

cern ag synchrotron

INIS: 1976-03-25; ETDE: 1976-01-26

USE cern ps synchrotron

CERN CESAR

CERN Electron Storage and Accumulation Ring.

BT1 storage rings

cern ii synchrotron

INIS: 1976-03-25; ETDE: 1976-01-26

USE cern sps synchrotron

cern isolde

1994-04-12

USE isotope separators

CERN ISR

CERN Intersection Storage Rings.

BT1 storage rings

cern large hadronic collider

1995-10-05

USE cern lhc

CERN LEAR

INIS: 1984-06-25; ETDE: 1987-05-01

Facility for antiproton physics at low energies with intense and cold beams of antiprotons. Located in the South Experimental Hall of CERN PS.

UF cern low energy antiproton ring

UF lear

RT cern ps synchrotron

cern lep

INIS: 1987-06-29; ETDE: 2002-06-13

USE lep storage rings

CERN LHC

1995-10-05

UF cern large hadronic collider

BT1 storage rings

*BT1 synchrotrons

RT alice detector

RT atlas detector

RT cern lhec

RT cms detector

RT lhcb detector

CERN LHEC

2015-09-08

Proposed electron-hadron collider at CERN

*BT1 linac-ring accelerators

RT cern lhc

CERN LINAC

INIS: 1978-08-30; ETDE: 1978-10-19

*BT1 linear accelerators

cern low energy antiproton ring

INIS: 1993-11-04; ETDE: 2002-06-13

USE cern lear

CERN PS SYNCHROTRON

INIS: 1975-12-17; ETDE: 1976-01-26

CERN 28-GeV Proton Synchrotron.

UF cern ag synchrotron

*BT1 synchrotrons

RT cern lear

CERN SPS SYNCHROTRON

INIS: 1975-12-17; ETDE: 1976-01-26

CERN 400-GeV Proton Synchrotron.

UF cern ii synchrotron

*BT1 synchrotrons

RT compass detector

CERN SYNCHROCYCLOTRON

*BT1 synchrocyclotrons

CERNAVODA-1 REACTOR

INIS: 1982-08-27; ETDE: 1990-10-09

Ministry of Economy and Finance, Societatea Nationala Nuclearelectrica S.A., Cernavoda, Constanta County, Romania

*BT1 candu type reactors

*BT1 natural uranium reactors

*BT1 phwr type reactors

CERNAVODA-2 REACTOR

2011-01-25

Ministry of Economy and Finance, Societatea Nationala Nuclearelectrica S.A., Cernavoda, Constanta County, Romania

*BT1 candu type reactors

*BT1 natural uranium reactors

*BT1 phwr type reactors

CERRO PRIETO GEOTHERMAL FIELD

1992-06-04

BT1 geothermal fields

RT geothermal hot-water systems

RT mexico

CERROBEND ALLOYS

2000-04-12

*BT1 bismuth base alloys

*BT1 cadmium alloys

*BT1 lead alloys

*BT1 tin alloys

CERTIFICATION

INIS: 1991-08-15; ETDE: 1979-02-27

(Prior to August 1991, this concept was indexed to LICENSING.)

RT licensing

RT performance testing

RT quality assurance

RT standards

RT testing

CERULOPLASMIN

*BT1 copper complexes

*BT1 globulins-alpha

*BT1 metalloproteins

CESAR REACTOR

CEA/CEN, Cadarache, St. Paul Lez Durance, France. Decommissioned since 1978.

*BT1 carbon dioxide cooled reactors

*BT1 experimental reactors

*BT1 graphite moderated reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 thermal reactors

RT enriched uranium reactors

CESIUM

UF caesium

*BT1 alkali metals

CESIUM 112

2007-10-22

*BT1 cesium isotopes

*BT1 intermediate mass nuclei

*BT1 microseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

CESIUM 113

INIS: 1980-07-24; ETDE: 1980-08-12

*BT1 cesium isotopes

*BT1 intermediate mass nuclei

*BT1 microseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 proton decay radioisotopes

CESIUM 114

INIS: 1979-01-18; ETDE: 1979-02-23

*BT1 beta-plus decay radioisotopes

*BT1 cesium isotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

CESIUM 115

INIS: 1979-01-18; ETDE: 1979-02-23

*BT1 beta-plus decay radioisotopes

*BT1 cesium isotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

CESIUM 116

*BT1 beta-plus decay radioisotopes

*BT1 cesium isotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

CESIUM 117

*BT1 beta-plus decay radioisotopes

*BT1 cesium isotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

CESIUM 146

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

CESIUM 147

INIS: 1979-04-27; ETDE: 1978-12-11

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

CESIUM 148

INIS: 1979-04-27; ETDE: 1979-05-25

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

CESIUM 149

2002-01-11

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

CESIUM 150

2002-01-11

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

CESIUM 151

2007-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

CESIUM ADDITIONS

Alloys containing not more than 1% Cs are listed here.

- *BT1 cesium alloys

CESIUM ALLOYS

Alloys containing more than 1% Cs.

- BT1 alloys
- NT1 cesium additions
- NT1 cesium base alloys

CESIUM BASE ALLOYS

- *BT1 cesium alloys

CESIUM BROMIDES

- *BT1 bromides
- *BT1 cesium halides

CESIUM CARBIDES

- *BT1 carbides
- *BT1 cesium compounds

CESIUM CARBONATES

- *BT1 carbonates
- *BT1 cesium compounds

CESIUM CHLORIDES

- *BT1 cesium halides
- *BT1 chlorides

CESIUM COMPLEXES

- *BT1 alkali metal complexes

CESIUM COMPOUNDS

1996-06-26

- BT1 alkali metal compounds
- NT1 cesium carbides
- NT1 cesium carbonates
- NT1 cesium halides
- NT2 cesium bromides
- NT2 cesium chlorides
- NT2 cesium fluorides
- NT2 cesium iodides
- NT1 cesium hydrides
- NT1 cesium hydroxides
- NT1 cesium nitrates
- NT1 cesium nitrides
- NT1 cesium oxides
- NT1 cesium perchlorates
- NT1 cesium phosphates
- NT1 cesium selenides
- NT1 cesium silicates
- NT1 cesium silicides
- NT1 cesium sulfates
- NT1 cesium sulfides
- NT1 cesium tellurides
- NT1 cesium tungstates
- NT1 cesium uranates

CESIUM FLUORIDES

- *BT1 cesium halides
- *BT1 fluorides

CESIUM HALIDES

2012-07-19

- *BT1 cesium compounds
- *BT1 halides
- NT1 cesium bromides
- NT1 cesium chlorides
- NT1 cesium fluorides
- NT1 cesium iodides

CESIUM HYDRIDES

- *BT1 cesium compounds
- *BT1 hydrides

CESIUM HYDROXIDES

- *BT1 cesium compounds
- *BT1 hydroxides

CESIUM IODIDES

- *BT1 cesium halides
- *BT1 inorganic phosphors
- *BT1 iodides

CESIUM IONS

- *BT1 ions

CESIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 cesium 112
- NT1 cesium 113
- NT1 cesium 114
- NT1 cesium 115
- NT1 cesium 116
- NT1 cesium 117
- NT1 cesium 118
- NT1 cesium 119
- NT1 cesium 120
- NT1 cesium 121
- NT1 cesium 122
- NT1 cesium 123
- NT1 cesium 124
- NT1 cesium 125
- NT1 cesium 126
- NT1 cesium 127
- NT1 cesium 128
- NT1 cesium 129
- NT1 cesium 130
- NT1 cesium 131
- NT1 cesium 132
- NT1 cesium 133
- NT1 cesium 134

- NT1 cesium 135
- NT1 cesium 136
- NT1 cesium 137
- NT1 cesium 138
- NT1 cesium 139
- NT1 cesium 140
- NT1 cesium 141
- NT1 cesium 142
- NT1 cesium 143
- NT1 cesium 144
- NT1 cesium 145
- NT1 cesium 146
- NT1 cesium 147
- NT1 cesium 148
- NT1 cesium 149
- NT1 cesium 150
- NT1 cesium 151

CESIUM NITRATES

- *BT1 cesium compounds
- *BT1 nitrates

CESIUM NITRIDES

1996-06-26

(June 1996 to November 2007 CESIUM COMPOUNDS + NITRIDES was used for this concept.)

- *BT1 cesium compounds
- *BT1 nitrides

CESIUM OXIDES

- *BT1 cesium compounds
- *BT1 oxides

CESIUM PERCHLORATES

1978-11-24

- *BT1 cesium compounds
- *BT1 perchlorates

CESIUM PHOSPHATES

- *BT1 cesium compounds
- *BT1 phosphates

CESIUM SELENIDES

INIS: 1979-09-18; ETDE: 1979-10-23

- *BT1 cesium compounds
- *BT1 selenides

CESIUM SILICATES

- *BT1 cesium compounds
- *BT1 silicates
- RT pollucite

CESIUM SILICIDES

1988-02-02

- *BT1 cesium compounds
- *BT1 silicides

CESIUM SULFATES

- *BT1 cesium compounds
- *BT1 sulfates

CESIUM SULFIDES

- *BT1 cesium compounds
- *BT1 sulfides

CESIUM TELLURIDES

INIS: 1983-02-03; ETDE: 1979-05-03

- *BT1 cesium compounds
- *BT1 tellurides

CESIUM TUNGSTATES

1978-05-19

- *BT1 cesium compounds
- *BT1 tungstates

CESIUM URANATES

1975-11-27

- *BT1 cesium compounds
- *BT1 uranates

CESNEF REACTOR

Centro Studi Nucleari E. Fermi, Milan, Italy. Shutdown since 1979. Under decommissioning.

- UF *centro studi nucleari enrico fermi reactor*
- UF *enrico fermi nuclear research center reactor*
- UF *l-54 reactor*
- *BT1 aqueous homogeneous reactors
- *BT1 enriched uranium reactors
- *BT1 isotope production reactors
- *BT1 research reactors
- *BT1 test reactors
- *BT1 thermal reactors
- *BT1 training reactors

CESR STORAGE RING

INIS: 1979-01-18; ETDE: 1979-02-23
 UF *cornell electron-positron storage ring*
 BT1 storage rings

CESTODES

1996-11-13
 (Prior to March 1997 HYMENOLEPIS was a valid ETDE descriptor.)
 UF *hymenolepis*
 UF *tapeworms*
 BT1 parasites
 *BT1 platyhelminths
 RT *hydatidosis*

CETACEANS

INIS: 1991-09-30; ETDE: 1976-05-13
The order of aquatic mammals that includes whales, dolphins, and porpoises.
 UF *dolphins*
 UF *porpoises*
 UF *whales*
 BT1 aquatic organisms
 *BT1 mammals

cetane number

2000-04-12
 USE antiknock ratings

cetene number

2000-04-12
 USE antiknock ratings

ceylon

USE sri lanka

cfc

INIS: 1992-06-19; ETDE: 1992-04-01
 USE chlorofluorocarbons

CFFC PROCESS

INIS: 2000-04-12; ETDE: 1976-08-24
Coal liquefaction process developed by C-E lummas, a subsidiary of Combustion Engineering to produce low sulfur, low ash, synthetic boiler fuel.
 UF *clean fuel from coal process*
 *BT1 coal liquefaction

cfff

INIS: 2000-04-12; ETDE: 1979-05-09
 USE mhd generator cfff

cfg reactor

USE anex reactor

CFRMF REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1991.
 UF *coupled fast reactor measurement facility*
 *BT1 fast reactors
 *BT1 zero power reactors

cfrp program

INIS: 1994-08-22; ETDE: 1981-03-13
 USE consolidated fuel reprocessing program

cfu (colony forming units)

INIS: 2006-09-19; ETDE: 2005-01-28
 (Prior to January 2005 CFU was a valid descriptor.)
 USE colony forming units

CHACALTAYA

*BT1 bolivia

CHAD

BT1 africa
 BT1 developing countries

CHAIN CONVEYORS

INIS: 2000-04-12; ETDE: 1982-09-10
 *BT1 conveyors
 RT mine haulage
 RT mining equipment
 RT transport

CHAIN REACTIONS

RT criticality
 RT fission
 RT fissioning plasma
 RT natural nuclear reactors
 RT nuclear reactions
 RT oklo phenomenon
 RT thermonuclear reactions

CHAINS

INIS: 1999-02-12; ETDE: 1988-01-21
 RT cables
 RT ropes
 RT wires

CHALCOGENIDES

NT1 oxides
 NT2 actinium oxides
 NT2 aluminium oxides
 NT2 americium oxides
 NT2 antimony oxides
 NT2 argon oxides
 NT2 arsenic oxides
 NT2 barium oxides
 NT2 berkelium oxides
 NT2 beryllium oxides
 NT2 bismuth oxides
 NT2 boron oxides
 NT2 bromine oxides
 NT2 cadmium oxides
 NT2 calcium oxides
 NT2 californium oxides
 NT2 carbon oxides
 NT3 carbon dioxide
 NT3 carbon monoxide
 NT2 cerium oxides
 NT2 cesium oxides
 NT2 chlorine oxides
 NT2 chromium oxides
 NT2 cobalt oxides
 NT2 copper oxides
 NT2 curium oxides
 NT2 dysprosium oxides
 NT2 einsteinium oxides
 NT2 erbium oxides
 NT2 europium oxides
 NT2 fermium oxides
 NT2 fluorine oxides
 NT2 gadolinium oxides
 NT2 gallium oxides
 NT2 germanium oxides
 NT2 gold oxides
 NT2 hafnium oxides
 NT2 helium oxides
 NT2 holmium oxides
 NT2 indium oxides

NT2 iodine oxides
 NT2 iridium oxides
 NT2 iron oxides
 NT2 krypton oxides
 NT2 lanthanum oxides
 NT2 lead oxides
 NT2 lithium oxides
 NT2 lutetium oxides
 NT2 magnesium oxides
 NT2 manganese oxides
 NT2 mendelevium oxides
 NT2 mercury oxides
 NT2 molybdenum oxides
 NT3 molybdenum blue
 NT2 neodymium oxides
 NT2 neon oxides
 NT2 neptunium oxides
 NT2 nickel oxides
 NT2 niobium oxides
 NT2 nitrogen oxides
 NT3 nitric oxide
 NT3 nitrogen dioxide
 NT3 nitrous oxide
 NT2 nobelium oxides
 NT2 osmium oxides
 NT2 palladium oxides
 NT2 phosphorus oxides
 NT2 platinum oxides
 NT2 plutonium oxides
 NT3 plutonium dioxide
 NT2 polonium oxides
 NT2 potassium oxides
 NT2 praseodymium oxides
 NT2 promethium oxides
 NT2 protactinium oxides
 NT2 radium oxides
 NT2 radon oxides
 NT2 rhenium oxides
 NT2 rhodium oxides
 NT2 rubidium oxides
 NT2 ruthenium oxides
 NT2 samarium oxides
 NT2 scandium oxides
 NT2 selenium oxides
 NT2 silicon oxides
 NT2 silver oxides
 NT2 sodium oxides
 NT3 sodium tungsten bronze
 NT2 strontium oxides
 NT2 sulfur oxides
 NT3 sulfur dioxide
 NT3 sulfur trioxide
 NT2 tantalum oxides
 NT2 technetium oxides
 NT2 tellurium oxides
 NT2 terbium oxides
 NT2 thallium oxides
 NT2 thorium oxides
 NT3 thorotrast
 NT2 thulium oxides
 NT2 tin oxides
 NT2 titanium oxides
 NT2 tritium oxides
 NT2 tungsten oxides
 NT3 sodium tungsten bronze
 NT2 uranium oxides
 NT3 uranium dioxide
 NT3 uranium oxides u3o8
 NT3 uranium trioxide
 NT2 vanadium oxides
 NT2 xenon oxides
 NT2 ytterbium oxides
 NT2 yttrium oxides
 NT3 alloy-in-853
 NT2 zinc oxides
 NT2 zirconium oxides
 NT1 selenides
 NT2 aluminium selenides
 NT2 americium selenides

NT2	antimony selenides	NT2	curium sulfides	NT2	gallium tellurides
NT2	arsenic selenides	NT2	dimethyl sulfide	NT2	germanium tellurides
NT2	berkelium selenides	NT2	dysprosium sulfides	NT2	gold tellurides
NT2	beryllium selenides	NT2	erbium sulfides	NT2	hafnium tellurides
NT2	bismuth selenides	NT2	europium sulfides	NT2	holmium tellurides
NT2	cadmium selenides	NT2	gadolinium sulfides	NT2	indium tellurides
NT2	californium selenides	NT2	gallium sulfides	NT2	iridium tellurides
NT2	cerium selenides	NT2	germanium sulfides	NT2	iron tellurides
NT2	cesium selenides	NT2	hafnium sulfides	NT2	lanthanum tellurides
NT2	chromium selenides	NT2	holmium sulfides	NT2	lead tellurides
NT2	cobalt selenides	NT2	hydrogen sulfides	NT2	lithium tellurides
NT2	copper selenides	NT2	indium sulfides	NT2	magnesium tellurides
NT2	curium selenides	NT2	iron sulfides	NT2	manganese tellurides
NT2	dysprosium selenides	NT2	lanthanum sulfides	NT2	mercury tellurides
NT2	erbium selenides	NT2	lead sulfides	NT2	molybdenum tellurides
NT2	europium selenides	NT2	lithium sulfides	NT2	neodymium tellurides
NT2	gadolinium selenides	NT2	lutetium sulfides	NT2	neptunium tellurides
NT2	gallium selenides	NT2	magnesium sulfides	NT2	nickel tellurides
NT2	germanium selenides	NT2	manganese sulfides	NT2	niobium tellurides
NT2	hafnium selenides	NT2	mercury sulfides	NT2	palladium tellurides
NT2	holmium selenides	NT2	molybdenum sulfides	NT2	platinum tellurides
NT2	indium selenides	NT2	neodymium sulfides	NT2	plutonium tellurides
NT2	iron selenides	NT2	neptunium sulfides	NT2	potassium tellurides
NT2	lanthanum selenides	NT2	nickel sulfides	NT2	praseodymium tellurides
NT2	lead selenides	NT2	niobium sulfides	NT2	rhenium tellurides
NT2	lithium selenides	NT2	osmium sulfides	NT2	rhodium tellurides
NT2	lutetium selenides	NT2	palladium sulfides	NT2	rubidium tellurides
NT2	manganese selenides	NT2	phosphorus sulfides	NT2	ruthenium tellurides
NT2	mercury selenides	NT2	platinum sulfides	NT2	samarium tellurides
NT2	molybdenum selenides	NT2	plutonium sulfides	NT2	selenium tellurides
NT2	neptunium selenides	NT2	potassium sulfides	NT2	silicon tellurides
NT2	nickel selenides	NT2	praseodymium sulfides	NT2	silver tellurides
NT2	niobium selenides	NT2	rhenium sulfides	NT2	sodium tellurides
NT2	palladium selenides	NT2	rhodium sulfides	NT2	tantalum tellurides
NT2	plutonium selenides	NT2	rubidium sulfides	NT2	technetium tellurides
NT2	potassium selenides	NT2	ruthenium sulfides	NT2	terbium tellurides
NT2	praseodymium selenides	NT2	samarium sulfides	NT2	thallium tellurides
NT2	rhenium selenides	NT2	scandium sulfides	NT2	thorium tellurides
NT2	rhodium selenides	NT2	selenium sulfides	NT2	thulium tellurides
NT2	rubidium selenides	NT2	silicon sulfides	NT2	tin tellurides
NT2	ruthenium selenides	NT2	silver sulfides	NT2	titanium tellurides
NT2	samarium selenides	NT2	sodium sulfides	NT2	tungsten tellurides
NT2	scandium selenides	NT2	strontium sulfides	NT2	uranium tellurides
NT2	silver selenides	NT2	tantalum sulfides	NT2	vanadium tellurides
NT2	sodium selenides	NT2	technetium sulfides	NT2	ytterbium tellurides
NT2	tantalum selenides	NT2	tellurium sulfides	NT2	yttrium tellurides
NT2	technetium selenides	NT2	terbium sulfides	NT2	zinc tellurides
NT2	terbium selenides	NT2	thallium sulfides	NT2	zirconium tellurides
NT2	thallium selenides	NT2	thorium sulfides	RT	high- <i>tc</i> superconductors
NT2	thorium selenides	NT2	thulium sulfides		
NT2	thulium selenides	NT2	tin sulfides		
NT2	tin selenides	NT2	titanium sulfides		
NT2	titanium selenides	NT2	tungsten sulfides		
NT2	tungsten selenides	NT2	uranium sulfides		
NT2	uranium selenides	NT2	vanadium sulfides		
NT2	vanadium selenides	NT2	ytterbium sulfides		
NT2	ytterbium selenides	NT2	yttrium sulfides		
NT2	yttrium selenides	NT2	zinc sulfides		
NT2	zinc selenides	NT2	zirconium sulfides		
NT2	zirconium selenides				
NT1	sulfides	NT1	tellurides		
NT2	aluminium sulfides	NT2	aluminium tellurides		
NT2	americium sulfides	NT2	americium tellurides		
NT2	antimony sulfides	NT2	antimony tellurides		
NT2	arsenic sulfides	NT2	arsenic tellurides		
NT2	barium sulfides	NT2	berkelium tellurides		
NT2	berkelium sulfides	NT2	beryllium tellurides		
NT2	beryllium sulfides	NT2	bismuth tellurides		
NT2	bismuth sulfides	NT2	cadmium tellurides		
NT2	boron sulfides	NT2	californium tellurides		
NT2	cadmium sulfides	NT2	cerium tellurides		
NT2	calcium sulfides	NT2	cesium tellurides		
NT2	californium sulfides	NT2	chromium tellurides		
NT2	carbon sulfides	NT2	cobalt tellurides		
NT2	cerium sulfides	NT2	copper tellurides		
NT2	cesium sulfides	NT2	curium tellurides		
NT2	chromium sulfides	NT2	dysprosium tellurides		
NT2	cobalt sulfides	NT2	erbium tellurides		
NT2	copper sulfides	NT2	europium tellurides		
		NT2	gadolinium tellurides		

CHALCOPYRITE*A bright brass-yellow tetragonal mineral.*

*BT1 sulfide minerals

RT copper sulfides

RT iron sulfides

chalk

INIS: 1984-04-04; ETDE: 2002-06-13

USE calcite

CHALK RIVER

*BT1 ontario

chalk river cyclotron

INIS: 2000-04-12; ETDE: 1983-03-24

USE crnl superconducting cyclotron

CHALK RIVER NUCLEAR LABS

*BT1 atomic energy of canada ltd

RT canada

chalk river pool test reactor

USE ptr reactor

chalk river superconducting cyclotron

INIS: 1993-11-04; ETDE: 2002-06-13

USE crnl superconducting cyclotron

chalk river zed-2 reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE zed-2 reactor

chalks

INIS: 2000-04-12; ETDE: 1978-06-14

USE limestone

CHAMBER FURNACES

INIS: 2000-04-12; ETDE: 1976-11-17

UF chamber kilns

UF chamber ovens

BT1 furnaces

chamber kilns

INIS: 2000-04-12; ETDE: 1976-11-17

USE chamber furnaces

chamber ovens

INIS: 2000-04-12; ETDE: 1976-11-17

USE chamber furnaces

CHANDIGARH CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-03-24

*BT1 variable energy cyclotrons

chandrasekhar-fermi theory

USE chandrasekhar theory

CHANDRASEKHAR THEORY

UF chandrasekhar-fermi theory

RT astrophysics

RT stars

CHANGJIANG-1 REACTOR

2017-10-25

Hainan, China

*BT1 pwr type reactors

CHANGJIANG-2 REACTOR

2017-10-25

Hainan, China

*BT1 pwr type reactors

CHANNELING

UF blocking

UF coning

UF dechanneling

NT1 electron channeling

NT1 ion channeling

NT1 positron channeling

NT1 proton channeling

channels (reactor)

USE reactor channels

CHAOS THEORY

INIS: 2002-06-24; ETDE: 2002-08-05

BT1 mathematics

RT fuzzy logic

RT mathematical space

RT probability

RT statistics

RT stochastic processes

CHAPELCROSS-1 REACTOR

Annan, Scotland, United Kingdom.

Permanently shut down since 2004.

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 plutonium production reactors

*BT1 thermal reactors

CHAPELCROSS-2 REACTOR

Annan, Scotland, United Kingdom.

Permanently shut down since 2004.

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 plutonium production reactors

*BT1 thermal reactors

CHAPELCROSS-3 REACTOR

Annan, Scotland, United Kingdom.

Permanently shut down since 2004.

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 plutonium production reactors

*BT1 thermal reactors

CHAPELCROSS-4 REACTOR

Annan, Scotland, United Kingdom.

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 plutonium production reactors

*BT1 thermal reactors

chaperonins

1994-07-14

USE heat-shock proteins

CHAPMAN-ENSKOG THEORY

RT transport theory

CHAPMAN-FERRARO PROBLEM

RT solar wind

RT transport theory

CHAPMAN-KOLMOGOROV EQUATION

A set of equations used in the theory of stochastic processes, giving the state of a system as a probability distribution at a certain time in terms of the known states at previous times.

SF kolmogorov equation

*BT1 differential equations

RT markov process

RT reactor kinetics equations

RT stochastic processes

char oil energy development process

2000-04-12

USE coed process

CHARCOAL

1999-01-20

BT1 adsorbents

RT activated carbon

RT solid fuels

RT wood fuels

CHARGE CARRIERS

RT carrier density

RT carrier lifetime

RT carrier mobility

RT dember effect

RT electric charges

RT electron-hole droplets

RT electrons

RT holes

RT point defects

CHARGE COLLECTION

RT charge transport

RT charged particles

charge conjugation invariance

USE c invariance

CHARGE CONSERVATION

UF conservation (charge)

RT electric charges

RT gauge invariance

CHARGE-COUPLED DEVICES

INIS: 1979-09-18; ETDE: 1978-04-27

Semiconductor devices arrayed so that the electric charge at the output of one provides the input stimulus to the next.

UF ccd

BT1 semiconductor devices

RT dark current

CHARGE DENSITY

INIS: 1976-05-05; ETDE: 1976-08-24

UF density (charge)

RT electric charges

RT energy density

CHARGE DISTRIBUTION

INIS: 1982-11-29; ETDE: 1975-08-19

Not for CHARGE STATES.

(Prior to January 1983 this concept was indexed by coordination of ELECTRIC

CHARGES and SPATIAL DISTRIBUTION.)

RT electric charges

RT electrostatics

RT ion beams

RT multiple production

RT nuclear radii

RT space charge

RT spatial distribution

CHARGE EXCHANGE

UF exchange (charge)

RT beam neutralization

RT beam strippers

RT electron capture

RT electron loss

RT hydrogen transfer

RT ionization

RT neutral particle analyzers

RT plasma potential

CHARGE-EXCHANGE INTERACTIONS

*BT1 strong interactions

RT cluster emission model

CHARGE-EXCHANGE ION SOURCES

2018-02-26

BT1 ion sources

CHARGE-EXCHANGE REACTIONS

BT1 nuclear reactions

CHARGE INDEPENDENCE

BT1 invariance principles

RT nucleons

RT strong interactions

CHARGE PLUNGER METHOD

INIS: 1978-08-30; ETDE: 1978-10-19

Method for the determination of lifetimes of nuclear levels.

UF plunger method

UF recoil distance method

BT1 counting techniques

RT lifetime

RT time-of-flight method

charge radius (nuclear)

USE nuclear radii

charge radius (particle)

USE particle radii

charge ratio

INIS: 2000-04-12; ETDE: 1978-07-05

USE minus-plus ratio

CHARGE RENORMALIZATION

BT1 renormalization

RT electrodynamics

charge state (batteries)

INIS: 1993-02-04; ETDE: 2002-06-13

USE battery charge state

charge state distributions

INIS: 1984-06-21; ETDE: 2002-06-13

USE charge states

CHARGE STATES*INIS: 1984-06-21; ETDE: 1984-07-10**NOT for electric batteries.*

UF charge state distributions
RT beam strippers
RT charged particles
RT electric charges
RT electron capture
RT electron loss
RT ionization
RT ions

CHARGE TRANSPORT

RT charge collection
RT electric charges

CHARGED-CURRENT INTERACTIONS*INIS: 1976-08-17; ETDE: 1976-06-07*

**BT1* particle interactions
RT charged currents
RT fundamental interactions
RT weinberg angle

CHARGED CURRENTS*INIS: 1976-08-17; ETDE: 1976-06-07*

**BT1* algebraic currents
NT1 weak charged currents
RT charged-current interactions
RT electromagnetic interactions
RT neutral currents
RT weak interactions

CHARGED-PARTICLE ACTIVATION ANALYSIS*INIS: 1978-11-24; ETDE: 1991-08-20**For the process.*

UF analysis (charged-particle activation)
**BT1* activation analysis

CHARGED PARTICLE DETECTION

**BT1* radiation detection
NT1 acoustic detection
NT1 alpha detection
NT1 beta detection
NT1 electron detection
NT1 ion detection
NT1 muon detection
NT1 positron detection
NT1 proton detection
RT cosmic ray detection
RT fission fragment detection
RT radiation detectors
RT radiation length

CHARGED-PARTICLE PRECIPITATION

NT1 electron precipitation
NT1 proton precipitation
RT aurorae
RT auroral oval
RT charged particles
RT midday aurorae
RT radiation belts

CHARGED-PARTICLE REACTIONS*2000-04-12*

BT1 nuclear reactions
NT1 alpha reactions
NT1 deuteron reactions
NT2 antideuteron reactions
NT1 electron reactions
NT2 electrofission
NT1 helium 3 reactions
NT1 meson reactions
NT2 kaon reactions
NT3 kaon minus reactions
NT3 kaon neutral reactions
NT3 kaon plus reactions
NT2 pion reactions
NT3 pion minus reactions

NT3 pion plus reactions

NT1 muon reactions
NT1 proton reactions
NT1 triton reactions
RT charged particles
RT ions

CHARGED-PARTICLE TRANSPORT

UF transport (charged-particle)
BT1 radiation transport
NT1 proton transport
RT charged-particle transport theory
RT charged particles

CHARGED-PARTICLE TRANSPORT THEORY

BT1 transport theory
NT1 neoclassical transport theory
NT1 spitzer theory
RT charged-particle transport
RT charged particles
RT elementary particles
RT straggling

CHARGED PARTICLES

In addition to the specific charged particles listed below, see also the list under ELEMENTARY PARTICLES.

NT1 alpha particles
NT2 cosmic alpha particles
NT2 delayed alpha particles
NT2 solar alpha particles
NT1 beta particles
NT1 deuterons
NT2 antideuterons
NT1 ions
NT2 actinium ions
NT2 aluminium ions
NT2 americium ions
NT2 anions
NT3 heteropolyanions
NT3 hydrogen ions 1 minus
NT2 antimony ions
NT2 argon ions
NT2 arsenic ions
NT2 astatine ions
NT2 atomic ions
NT2 barium ions
NT2 berkelium ions
NT2 beryllium ions
NT2 bismuth ions
NT2 bohrium ions
NT2 boron ions
NT2 bromine ions
NT2 cadmium ions
NT2 calcium ions
NT2 californium ions
NT2 carbon ions
NT2 cations
NT3 hydrogen ions 1 plus
NT3 hydrogen ions 2 plus
NT3 hydrogen ions 3 plus
NT2 cerium ions
NT2 cesium ions
NT2 chlorine ions
NT2 chromium ions
NT2 cobalt ions
NT2 copernicium ions
NT2 copper ions
NT2 curium ions
NT2 darmstadtium ions
NT2 deuterium ions
NT2 dubnium ions
NT2 dysprosium ions
NT2 einsteinium ions
NT2 erbium ions
NT2 europium ions
NT2 fermium ions
NT2 flerovium ions
NT2 fluorine ions

NT2 francium ions
NT2 gadolinium ions
NT2 gallium ions
NT2 germanium ions
NT2 gold ions
NT2 hafnium ions
NT2 hassium ions
NT2 heavy ions
NT2 helium ions
NT3 helium ash
NT2 holmium ions
NT2 hydrogen ions
NT3 hydrogen ions 1 minus
NT3 hydrogen ions 1 plus
NT3 hydrogen ions 2 plus
NT3 hydrogen ions 3 plus
NT2 indium ions
NT2 iodine ions
NT2 iridium ions
NT2 iron ions
NT2 krypton ions
NT2 lanthanum ions
NT2 lawrencium ions
NT2 lead ions
NT2 light ions
NT2 lithium ions
NT2 livermorium ions
NT2 lutetium ions
NT2 magnesium ions
NT2 manganese ions
NT2 meitnerium ions
NT2 mendelevium ions
NT2 mercury ions
NT2 molecular ions
NT3 hydrogen ions 2 plus
NT3 hydrogen ions 3 plus
NT3 oxonium ions
NT2 molybdenum ions
NT2 moscovium ions
NT2 multicharged ions
NT2 muonic ions
NT2 neodymium ions
NT2 neon ions
NT2 neptunium ions
NT2 nickel ions
NT2 nihonium ions
NT2 niobium ions
NT2 nitrogen ions
NT2 nobelium ions
NT2 oganesson ions
NT2 osmium ions
NT2 oxygen ions
NT2 palladium ions
NT2 phosphorus ions
NT2 platinum ions
NT2 plutonium ions
NT2 polonium ions
NT2 potassium ions
NT2 praseodymium ions
NT2 promethium ions
NT2 protactinium ions
NT2 radium ions
NT2 radon ions
NT2 rhenium ions
NT2 rhodium ions
NT2 roentgenium ions
NT2 rubidium ions
NT2 ruthenium ions
NT2 rutherfordium ions
NT2 samarium ions
NT2 scandium ions
NT2 seaborgium ions
NT2 selenium ions
NT2 silicon ions
NT2 silver ions
NT2 sodium ions
NT2 strontium ions
NT2 sulfur ions
NT2 tail ions

NT2 tantalum ions
NT2 technetium ions
NT2 tellurium ions
NT2 tennessine ions
NT2 terbium ions
NT2 thallium ions
NT2 thorium ions
NT2 thulium ions
NT2 tin ions
NT2 titanium ions
NT2 tritium ions
NT2 tungsten ions
NT2 uranium ions
NT2 vanadium ions
NT2 xenon ions
NT2 ytterbium ions
NT2 yttrium ions
NT2 zinc ions
NT2 zirconium ions
NT1 tritons
NT2 antitritons
RT battery charge state
RT charge collection
RT charge states
RT charged-particle precipitation
RT charged-particle reactions
RT charged-particle transport
RT charged-particle transport theory
RT directed-energy weapons
RT guiding-center approximation
RT ion beams
RT lorentz force
RT ponderomotive force
RT stoermer theory
RT test particles

CHARGES

Pecuniary burden or fees.

(From November 1979 till March 1997 SURCHARGES was a valid ETDE descriptor.)

UF assessments
UF fees
UF financial penalties
UF penalties
SF surcharges
RT cost
RT cost overruns
RT cost recovery
RT emissions trading
RT income
RT interest rate
RT invoices
RT prices
RT tax credits
RT taxes

charging (fission reactor)

1982-11-29

USE reactor fueling

charging (fusion reactor)

INIS: 1982-11-30; ETDE: 2002-06-13

USE thermonuclear reactor fueling

charging machines (fission reactor)

1993-11-04

USE reactor charging machines

chariot event

2000-04-12

(Prior to March 1996 this was a valid ETDE descriptor.)

USE plowshare project

CHARM PARTICLES

1995-09-08

BT1 elementary particles
NT1 c quarks
NT2 c antiquarks

NT1 charmed baryons
NT2 lambda c-2625 baryons
NT2 lambda c plus baryons
NT2 omega c neutral baryons
NT2 sigma c-2455 baryons
NT2 xi c neutral baryons
NT2 xi c plus baryons
NT1 charmed mesons
NT2 b c mesons
NT2 d mesons
NT3 d minus mesons
NT3 d neutral mesons
NT4 anti-d neutral mesons
NT3 d plus mesons
NT2 d s-2536 mesons
NT2 d s mesons
NT2 d*-2010 mesons
NT2 d*2-2460 mesons
NT2 d*s-2110 mesons
NT2 d1-2420 mesons
RT charmonium
RT color model
RT hadrons
RT hypercharge
RT isospin
RT quark model
RT su-3 groups

charmed baryon resonances

INIS: 1987-12-21; ETDE: 1978-10-19

(Prior to December 1987 this was a valid descriptor.)

USE charmed baryons

CHARMED BARYONS

INIS: 1995-07-17; ETDE: 1988-02-05

(Prior to December 1987 this concept was indexed by CHARMED BARYON RESONANCES.)

UF charmed baryon resonances
***BT1** baryons
***BT1** charm particles
NT1 lambda c-2625 baryons
NT1 lambda c plus baryons
NT1 omega c neutral baryons
NT1 sigma c-2455 baryons
NT1 xi c neutral baryons
NT1 xi c plus baryons

charmed meson resonances

INIS: 1988-03-08; ETDE: 1978-01-23

(Prior to December 1987 this was a valid descriptor.)

USE charmed mesons

CHARMED MESONS

INIS: 1995-07-17; ETDE: 1988-02-02

(Prior to February 1988 CHARMED MESON RESONANCES was used for this concept in ETDE.)

UF charmed meson resonances
UF d resonances
***BT1** charm particles
***BT1** mesons
NT1 b c mesons
NT1 d mesons
NT2 d minus mesons
NT2 d neutral mesons
NT3 anti-d neutral mesons
NT2 d plus mesons
NT1 d s-2536 mesons
NT1 d s mesons
NT1 d*-2010 mesons
NT1 d*2-2460 mesons
NT1 d*s-2110 mesons
NT1 d1-2420 mesons

CHARMONIUM

INIS: 1995-09-08; ETDE: 1976-11-01

A bound state of charm and anticharm quarks.

***BT1** mesons
BT1 quarkonium
NT1 chi0-3415 mesons
NT1 chi1-3510 mesons
NT1 chi2-3555 mesons
NT1 eta c-2980 mesons
NT1 eta c-3590 mesons
NT1 j psi-3097 mesons
NT1 psi-3685 mesons
NT1 psi-3770 mesons
NT1 psi-4040 mesons
NT1 psi-4160 mesons
NT1 psi-4415 mesons
RT bound state
RT c quarks
RT charm particles
RT flavor model
RT muonium

charpak chambers

USE multiwire proportional chambers

CHARPY TEST

***BT1** destructive testing
***BT1** impact tests

CHARS

1991-09-30

UF coal chars
BT1 pyrolysis products
RT by-products
RT coal
RT coalcon process
RT consol stirred bed process

charts

USE diagrams

CHASNUPP-1 REACTOR

2017-10-30

Kundian, Punjab, Pakistan.

*BT1 pwr type reactors

CHASNUPP-2 REACTOR

2017-10-30

Kundian, Punjab, Pakistan.

*BT1 pwr type reactors

CHASNUPP-3 REACTOR

2017-10-30

Kundian, Punjab, Pakistan.

*BT1 pwr type reactors

CHATTAHOOCHEE RIVER

2000-04-12

***BT1** rivers
RT alabama
RT florida
RT georgia (u.s. state of)

CHATTANOOGA

2000-04-12

***BT1** tennessee
BT1 urban areas

CHATTANOOGA FORMATION

INIS: 1977-03-14; ETDE: 1976-01-23

UF chattanooga shale
***BT1** appalachian basin
BT1 geologic formations
RT alabama
RT arkansas
RT black shales
RT geologic strata
RT georgia (u.s. state of)
RT illinois
RT kansas
RT kentucky
RT mississippi

RT missouri
RT ohio
RT oil shale deposits
RT oklahoma
RT tennessee
RT uranium deposits
RT uranium ores

chattanooga shale

INIS: 1977-03-14; ETDE: 2002-06-13
USE chattanooga formation

CHEESE

*BT1 milk products
RT whey

CHELATES

BT1 complexes
RT chelating agents

CHELATING AGENTS

1996-10-23
UF complexing agents
UF cpdta
UF cyclopentanediaminetetraacetic acid
UF hexamethylenediaminetetraacetic acid
UF hmdta
UF tna
UF trinonylamine
SF chemicals
NT1 acetylacetone
NT1 cdta
NT1 dcta
NT1 dedtc
NT1 deferoxamine
NT1 dimercaprol
NT1 dithizone
NT1 dtpa
NT1 eddha
NT1 edta
NT1 egta
NT1 hedta
NT1 heida
NT1 mdpa
NT1 nta
NT1 penicillamine
NT1 tda
NT1 tetaha
NT1 tridodecylamine
NT1 trioctylamine
RT chelates
RT crown ethers
RT decontamination
RT drugs

CHEMICAL ACTIVATION

1999-05-04
UF activation (chemical)
RT activation energy
RT deactivation
RT enzyme reactivation
RT excitation
RT metabolic activation

chemical activity

INIS: 1976-10-07; ETDE: 1977-06-30
USE thermodynamic activity

CHEMICAL ANALYSIS

UF content analysis
UF destructive chemical analysis
UF determination (chemical)
SF ring oven method
NT1 ion selective electrode analysis
NT1 multi-element analysis
NT1 nondestructive analysis
NT2 activation analysis
NT3 charged-particle activation analysis
NT3 neutron activation analysis

NT3 photon activation analysis
NT2 delayed neutron analysis
NT2 deuteron microprobe analysis
NT2 electron microprobe analysis
NT2 ion microprobe analysis
NT2 ion scattering analysis
NT2 nuclear reaction analysis
NT3 delayed neutron analysis
NT2 proton microprobe analysis
NT2 radiation absorption analysis
NT2 radiation scattering analysis
NT2 x-ray emission analysis
NT3 pixe analysis
NT3 x-ray fluorescence analysis
NT1 qualitative chemical analysis
NT1 quantitative chemical analysis
NT2 gravimetric analysis
NT3 thermal gravimetric analysis
NT2 radio-release analysis
NT2 radiochemical analysis
NT2 radiometric analysis
NT2 volumetric analysis
NT3 titration
NT4 amperometry
NT4 iodometry
NT4 potentiometry
NT4 thermometric titration
RT carbon meters
RT centrifugal fast analyzers
RT crime detection
RT derivatization
RT hydrogen meters
RT icp mass spectroscopy
RT ion probes
RT oxygen meters
RT polarimetry
RT post-irradiation examination
RT structural chemical analysis
RT sulfur meters
RT supercritical fluid chromatography
RT tritium meters
RT water chemistry

CHEMICAL ATTRACTANTS

INIS: 1992-04-16; ETDE: 1992-06-10
NT1 pheromone
RT insects
RT odor
RT pest control

CHEMICAL BONDS

NT1 double bonds
RT adducts
RT binding energy
RT bond angle
RT bond lengths
RT dna adducts

CHEMICAL COATING

*BT1 surface coating
NT1 chemical vapor deposition
NT1 electrochemical coating
NT2 anodization

CHEMICAL COMPOSITION

UF abundance (chemical)
RT abundance
RT ash content
RT cosmochemistry
RT element abundance
RT iodine number
RT ionic composition
RT metallicity
RT quantitative chemical analysis
RT stoichiometry
RT sulfur content
RT water chemistry

CHEMICAL DECLADDING

*BT1 decladding

CHEMICAL DOSEMETERS

UF fricke doseimeters
*BT1 doseimeters
NT1 polymer gel doseimeters
RT chemical radiation detectors

chemical effects of nuclear transformations

INIS: 1993-11-04; ETDE: 2002-06-13
USE hot atom chemistry

CHEMICAL EFFLUENTS

1975-10-09
UF effluents (chemical)
*BT1 chemical wastes
RT gaseous wastes
RT industrial wastes
RT liquid wastes
RT nonradioactive waste disposal
RT particle resuspension
RT pollutants
RT pollution abatement
RT radioactive effluents
RT stack disposal
RT water pollution monitors

CHEMICAL ENGINEERING

INIS: 1992-02-03; ETDE: 1984-09-05
BT1 engineering
RT chemistry

CHEMICAL EXPLOSIONS

1996-07-23
UF cowboy event
UF events (chemical explosions)
UF middle gust event
BT1 explosions
RT chemical explosives
RT contained explosions
RT cratering explosions
RT explosive fracturing
RT explosive stimulation
RT flashback
RT underground explosions

CHEMICAL EXPLOSIVES

(From May 1975 till March 1997
PYROTECHNIC DEVICES was a valid
ETDE descriptor. From August 1979 till
March 1997 SHAPED CHARGES was a valid
ETDE descriptor.)
UF high explosives
UF pyrotechnic devices
UF shaped charges
BT1 explosives
NT1 dynamite
NT1 nitrocellulose
NT1 nitroglycerin
NT1 nitromethane
NT1 petn
NT1 picric acid
NT1 tatb
NT1 tetryl
NT1 tnt
RT chemical explosions
RT detonation limits

CHEMICAL FEEDSTOCKS

INIS: 1992-06-30; ETDE: 1977-03-04
UF petrochemical feedstocks
*BT1 raw materials
RT inorganic compounds
RT organic compounds
RT petrochemicals
RT pyrolytic gases

chemical heat pipes

INIS: 2000-04-12; ETDE: 1982-02-09
(Prior to December 1991 this was a valid
ETDE descriptor.)
USE heat pipes

CHEMICAL HEAT PUMPS

INIS: 2000-04-12; ETDE: 1979-09-26

Systems for transporting and storing high grade thermal energy by the use of reversible, exothermic/endothemic chemical reactions.

UF hycsos
BT1 heat pumps
RT cooling systems
RT heating systems
RT thermochemical heat storage

chemical heat storage

INIS: 1993-06-04; ETDE: 2002-06-13

USE thermochemical heat storage

CHEMICAL INDUSTRY

INIS: 1977-10-17; ETDE: 1975-08-19

UF chlor-alkali industry
BT1 industry
RT chemical plants

CHEMICAL LASERS

The excitation process involves the making or breaking of a chemical bond.

BT1 lasers
RT dye lasers

CHEMICAL LOGGING

INIS: 2000-04-12; ETDE: 1980-10-28

Profiling of the concentration of chemical elements found in various geological formation fluids relative to the depth at which they are found.

BT1 well logging

CHEMICAL MACHINING

UF chemical milling
BT1 machining
NT1 electrochemical machining

chemical milling

USE chemical machining

chemical mutagens

USE mutagens

CHEMICAL OXYGEN DEMAND

INIS: 1996-08-05; ETDE: 1978-03-08

RT aquatic ecosystems
RT biochemical oxygen demand
RT liquid wastes
RT oxygen

CHEMICAL PHYSICS

INIS: 2000-04-12; ETDE: 1984-09-05

BT1 physics
RT physical chemistry

CHEMICAL PLANTS

INIS: 1992-03-05; ETDE: 1978-12-28

Industrial facilities operated by the chemical industry.

BT1 industrial plants
NT1 gasoline plants
NT1 petrochemical plants
RT biomass conversion plants
RT chemical industry
RT ethanol plants
RT methanol plants
RT petrochemicals

CHEMICAL POLISHING

*BT1 polishing

CHEMICAL PREPARATION

UF preparation (chemical)
BT1 synthesis
RT chemical reactions

CHEMICAL PROPERTIES

UF properties (chemical)
RT affinity
RT chemical reactions

RT chemistry
RT thermal degradation

CHEMICAL RADIATION DETECTORS

*BT1 radiation detectors
RT chemical dosimeters

CHEMICAL RADIATION EFFECTS

UF radiation hardening (chemical)
UF radioinduced reactions
UF radiopolymerization
BT1 radiation effects
NT1 lyoluminescence
NT1 radiation curing
NT1 radiolysis
NT2 autoradiolysis
RT host-cell reactivation
RT radiation chemistry
RT strand breaks

CHEMICAL REACTION KINETICS

*BT1 reaction kinetics
NT1 combustion kinetics
RT activation energy
RT arrhenius equation
RT bifurcation
RT catalysis
RT enzyme activity
RT limit cycle
RT reaction intermediates

CHEMICAL REACTION YIELD

UF yield (chemical reaction)
BT1 yields
RT chemical reactions

CHEMICAL REACTIONS

UF ionic reactions
NT1 acylation
NT2 acetylation
NT2 benzylation
NT1 alkylation
NT1 amination
NT1 aromatization
NT1 arylation
NT1 bosch process
NT1 carbonylation
NT1 carboxylation
NT1 chemisorption
NT1 claisen condensation
NT1 corrosion
NT2 crevice corrosion
NT2 electrochemical corrosion
NT2 fretting corrosion
NT2 intergranular corrosion
NT2 nodular corrosion
NT2 pitting corrosion
NT2 stress corrosion
NT1 cyclization
NT2 diels-alder reaction
NT1 dealkylation
NT1 deamination
NT1 decarboxylation
NT1 decarburization
NT1 decomposition
NT2 autolysis
NT3 autoradiolysis
NT2 biodegradation
NT2 carbonization
NT3 coking
NT3 electrocarbonization
NT2 depolymerization
NT2 destructive distillation
NT2 glycolysis
NT2 hemolysis
NT2 photolysis
NT3 biophotolysis
NT2 proteolysis
NT3 fibrinolysis
NT2 pyrolysis

NT3 calcination
NT3 cracking
NT4 catalytic cracking
NT4 hydrocracking
NT4 thermal cracking
NT3 flash hydropyrolysis process
NT2 radiolysis
NT3 autoradiolysis
NT2 retorting
NT3 in-situ retorting
NT2 solvolysis
NT3 acetolysis
NT3 ammonolysis
NT3 hydrolysis
NT4 acid hydrolysis
NT4 alkaline hydrolysis
NT4 autohydrolysis
NT4 enzymatic hydrolysis
NT4 saccharification
NT4 saponification

NT1 dehalogenation
NT2 dechlorination
NT2 deiodination
NT1 dehydration
NT1 dehydrocyclization
NT1 dehydrogenation
NT1 denitration
NT1 denitrification
NT2 combined soxnox processes
NT3 noxso process
NT2 selective catalytic reduction
NT1 depheholization
NT1 derivatization
NT1 desulfurization
NT2 adip process
NT2 alkaliized alumina process
NT2 ammonia-ammonium bisulfate process
NT2 battelle hydrothermal coal process
NT2 beavon process
NT2 benfield process
NT2 bergbauforschung process
NT2 cafb process
NT2 cea-adl dual alkali process
NT2 chiyoda thoroughbred process
NT2 citrate process
NT2 claus process
NT2 cng process
NT2 combined soxnox processes
NT3 noxso process
NT2 consol fgd process
NT2 fmc double alkali process
NT2 giammarco vetrocoke sulfur process
NT2 girbotol process
NT2 gravimelt process
NT2 gulf hds process
NT2 holmes-stretford process
NT2 jpl process
NT2 ledgemont process
NT2 lime-limestone wet scrubbing processes
NT3 bischoff process
NT2 magnesium slurry scrubbing process
NT2 meyers process
NT2 molecular sieve process
NT2 otto process
NT2 penelec process
NT2 perox process
NT2 purisol process
NT2 rectisol process
NT2 resox process
NT2 ric process
NT2 saarberg-holter process
NT2 scot process
NT2 selexol process
NT2 shell-uop copper oxide process
NT2 solinox process
NT2 sorbent injection processes

NT2 soxal process
 NT2 stone and webster ionics process
 NT2 stretford process
 NT2 sulf-x process
 NT2 sulfiban process
 NT2 sulfinol process
 NT2 sulfreen process
 NT2 takahax process
 NT2 thiosorbic process
 NT2 trw process
 NT2 ucap process
 NT2 unisulf process
 NT2 vacuum carbonate process
 NT2 w-l sulfur dioxide recovery process
 NT2 walther process
 NT1 deuteration
 NT1 diazotization
 NT1 esterification
 NT1 fischer-tropsch synthesis
 NT1 friedel-crafts reaction
 NT1 halogenation
 NT2 astatination
 NT2 bromination
 NT2 chlorination
 NT3 sulfochlorination
 NT2 fluorination
 NT2 iodination
 NT1 hydridation
 NT1 hydrogenation
 NT2 gulf hds process
 NT1 hydroxylation
 NT1 isomerization
 NT1 methanation
 NT1 methylation
 NT1 nitration
 NT1 nitridation
 NT1 nitrification
 NT1 oxidation
 NT2 combustion
 NT3 cocombustion
 NT3 fluidized-bed combustion
 NT3 in-situ combustion
 NT3 oxyfuel combustion process
 NT3 pulse combustion
 NT3 reverse combustion
 NT3 spontaneous combustion
 NT3 staged combustion
 NT2 roasting
 NT1 ozonization
 NT1 partial oxidation processes
 NT1 phosphorylation
 NT1 photochemical reactions
 NT2 photolysis
 NT3 biophotolysis
 NT2 photosynthesis
 NT1 polymerization
 NT2 copolymerization
 NT2 cross-linking
 NT2 dimerization
 NT2 telomerization
 NT1 redox reactions
 NT1 reduction
 NT2 bomb reduction
 NT2 selective catalytic reduction
 NT2 thermite process
 NT1 reformer processes
 NT2 autothermal reformer processes
 NT2 catalytic reforming
 NT2 steam reformer processes
 NT1 steam-iron process
 NT1 sulfation
 NT1 sulfidation
 NT1 sulfonation
 NT2 sulfochlorination
 NT1 water gas processes
 RT acidification
 RT affinity
 RT catalysis
 RT chemical preparation

RT chemical properties
 RT chemical reaction yield
 RT chemical reactions
 RT chemical state
 RT chemistry
 RT equilibrium
 RT fermentation
 RT fluidized beds
 RT fuel-cladding interactions
 RT fuel-coolant interactions
 RT hydrogen transfer
 RT isotopic exchange
 RT molten metal-water reactions
 RT phosphoenolpyruvate
 RT reaction intermediates
 RT rock-fluid interactions
 RT seed-slag interactions
 RT stoichiometry
 RT thermodynamic activity
 RT waste-rock interactions

CHEMICAL REACTORS

INIS: 2000-07-11; ETDE: 1975-08-19

UF vessels (chemical reactions)

NT1 retorts
 RT bioreactors
 RT chemical reactions
 RT containers
 RT fluidized beds
 RT loading rate

CHEMICAL SHIFT

RT nuclear magnetic resonance
 RT spectral shift

chemical shimming

USE fluid poison control

CHEMICAL SPILLS

INIS: 1991-09-30; ETDE: 1980-02-11

BT1 accidents
 RT chemical wastes
 RT gas spills
 RT hazardous materials spills
 RT natural attenuation
 RT oil spills

CHEMICAL STATE

UF speciation (chemical)
 RT anions
 RT cations
 RT chemical reactions
 RT recoils

CHEMICAL STRESS

2014-03-28

BT1 biological stress

CHEMICAL VAPOR DEPOSITION

*BT1 chemical coating
 RT vapor deposited coatings
 RT vapor phase epitaxy
 RT vapor plating

CHEMICAL WARFARE

INIS: 1992-03-16; ETDE: 1986-02-03

BT1 warfare
 RT chemical warfare agents

CHEMICAL WARFARE AGENTS

INIS: 1999-03-02; ETDE: 1986-02-03

BT1 weapons
 RT chemical warfare
 RT toxic materials

CHEMICAL WASTES

INIS: 1986-07-09; ETDE: 1982-03-11

For wastes which are of concern because of their chemical properties. See also

RADIOACTIVE WASTES.

UF waste chemicals

*BT1 nonradioactive wastes

NT1 chemical effluents
 RT chemical spills
 RT hazardous materials
 RT industrial wastes
 RT municipal wastes

chemically active fluidized bed process

2000-04-12

USE cafb process

chemicals

See specific compounds or classes of compounds, e.g., CARCINOGENS, DETERGENTS, PLASTICIZERS, and ORGANIC COMPOUNDS.

SEE additives
 SEE chelating agents
 SEE detergents
 SEE developers
 SEE dyes
 SEE indicators
 SEE inorganic compounds
 SEE organic compounds
 SEE petrochemicals

chemico process

2000-04-12

Process using an aqueous suspension of magnesium oxide for removal of sulfur dioxide from flue gas.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

CHEMILUMINESCENCE

1999-05-04

*BT1 luminescence
 RT luminol

CHEMISORPTION

Dissolution or adsorption followed by chemical reaction.

BT1 chemical reactions
 BT1 separation processes
 BT1 sorption
 RT adsorbents
 RT adsorption
 RT hydrogen storage
 RT scrubbing

CHEMISTRY

NT1 atmospheric chemistry
 NT1 biochemistry
 NT2 blood chemistry
 NT2 cytochemistry
 NT1 cosmochemistry
 NT1 electrochemistry
 NT1 geochemistry
 NT2 biogeochemistry
 NT1 nanochemistry
 NT1 nuclear chemistry
 NT1 petrochemistry
 NT1 photochemistry
 NT2 solar photochemistry
 NT1 physical chemistry
 NT2 plasma chemistry
 NT1 radiation chemistry
 NT1 radiochemistry
 NT2 hot atom chemistry
 NT3 szilard-chalmers reaction
 NT1 soil chemistry
 NT1 water chemistry
 NT2 acid neutralizing capacity
 RT chemical engineering
 RT chemical properties
 RT chemical reactions
 RT qualitative chemical analysis
 RT quantitative chemical analysis
 RT stoichiometry

chemistry (water)

2000-04-12

USE water chemistry

CHEMONUCLEAR REACTORS

*BT1 irradiation reactors

CHEMORECEPTORS

RT flavor

RT insects

RT odor

RT sense organs

CHEMOSTERILANTS

A substance producing irreversible sterility in a reproductive system.

RT alkylating agents

RT antimetabolites

RT sterilization

CHEMOTHERAPY

UF pharmacotherapy

*BT1 therapy

RT antiandrogens

RT antimitotic drugs

RT antineoplastic drugs

RT combined therapy

RT drugs

RT liposomes

RT misonidazole

RT neocarcinostatin

RT quality of life

chemsweet process

INIS: 2000-04-12; ETDE: 1980-05-06

Batch process for sweetening low-value sour natural gas using zinc compounds.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE desulfurization

CHENOPODIACEAE

INIS: 1992-01-08; ETDE: 1988-04-15

*BT1 magnoliopsida

cheralite

INIS: 1984-04-04; ETDE: 2003-01-03

(Prior to January 2003 QUARTZITES was used for this concept.)

USE monazites

CHERENKOV COUNTERS

UF cherenkov detectors

*BT1 radiation detectors

RT cherenkov counting

RT stanford linear collider detector

RT super-kamiokande neutrino detector

CHERENKOV COUNTING

INIS: 1993-05-06; ETDE: 1975-10-28

BT1 counting techniques

RT cherenkov counters

cherenkov detectors

USE cherenkov counters

CHERENKOV RADIATION

UF vavilov-cherenkov radiation

*BT1 electromagnetic radiation

RT light cone

CHERNOBYLSK-1 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
Ukraine.

*BT1 enriched uranium reactors

*BT1 lwgr type reactors

*BT1 power reactors

*BT1 thermal reactors

CHERNOBYLSK-2 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
Ukraine. Permanent shutdown since 1991.

*BT1 enriched uranium reactors

*BT1 lwgr type reactors

*BT1 power reactors

*BT1 thermal reactors

CHERNOBYLSK-3 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20

Ukraine. Permanent shutdown since 2000.

*BT1 enriched uranium reactors

*BT1 lwgr type reactors

*BT1 power reactors

*BT1 thermal reactors

CHERNOBYLSK-4 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20

Ukraine. Permanent shutdown since 1986.

*BT1 enriched uranium reactors

*BT1 lwgr type reactors

*BT1 power reactors

*BT1 thermal reactors

RT pripet river

chernoff faces

INIS: 2000-04-12; ETDE: 1979-06-06

Stylized faces used in analysis of many-dimensional data sets.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE computer graphics

USE data processing

CHEROKEE-1 REACTOR

Duke Power Co., Blacksburg, South Carolina,
USA. Canceled in 1983 before construction
began.

*BT1 pwr type reactors

CHEROKEE-2 REACTOR

Duke Power Co., Blacksburg, South Carolina,
USA. Canceled in 1982 before construction
began.

*BT1 pwr type reactors

CHEROKEE-3 REACTOR

Duke Power Co., Blacksburg, South Carolina,
USA. Canceled in 1982 before construction
began.

*BT1 pwr type reactors

CHERRIES

*BT1 fruits

RT fruit trees

RT rosaceae

cherry fruit fly

INIS: 1996-07-23; ETDE: 1976-01-26

(From January 1976 till March 1997

RHAGOLETIS CERASI was used for this
concept in ETDE.)

USE fruit flies

CHERT

2000-04-12

*BT1 sedimentary rocks

CHESAPEAKE BAY

*BT1 atlantic ocean

*BT1 bays

RT maryland

RT mid-atlantic bight

RT virginia

cheshire event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

CHEST

1999-04-06

UF thorax

BT1 body

NT1 mediastinum

RT diaphragm

RT heart

RT lungs

RT mammary glands

RT pleura

RT respiratory system

RT thymus

CHESTNUT TREES

INIS: 1992-01-08; ETDE: 1978-09-11

*BT1 magnoliopsida

*BT1 trees

CHESTNUTS

INIS: 1982-01-13; ETDE: 1982-02-11

*BT1 nuts

chevron coal liquefaction process

INIS: 2000-04-12; ETDE: 1983-01-21

Processing sequence uses two separate, but
close-coupled reaction zones. The first is used
to contain and control dissolution reactions.
The second contains and controls hydrofining
reactions.

(Prior to July 1993, this was a valid ETDE
descriptor.)

USE coal liquefaction

CHEW-LOW METHOD

BT1 calculation methods

RT strong interactions

chi-2800 resonances

INIS: 1988-03-08; ETDE: 1979-10-03

(Prior to December 1987 this was a valid
descriptor.)

USE mesons

chi-3410 resonances

INIS: 1987-12-21; ETDE: 1976-08-24

(Prior to December 1987 this was a valid
descriptor.)

USE chi0-3415 mesons

chi-3455 resonances

INIS: 1988-03-08; ETDE: 1977-07-23

(Prior to December 1987 this was a valid
descriptor.)

USE mesons

chi-3500 resonances

INIS: 1987-12-21; ETDE: 1977-01-28

(Prior to December 1987 this was a valid
descriptor.)

USE chi1-3510 mesons

chi-3550 resonances

INIS: 1987-12-21; ETDE: 1977-01-28

(Prior to December 1987 this was a valid
descriptor.)

USE chi2-3555 mesons

CHI B0-10235 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02

*BT1 bottomonium

CHI B0-9860 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02

*BT1 bottomonium

CHI B1-10255 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02

*BT1 bottomonium

CHI B1-9890 MESONS

1995-08-07

(Until July 1995 this concept was indexed by
CHI B1-9895 MESONS.)

UF chi b1-9895 mesons

*BT1 axial vector mesons

*BT1 bottomonium

chi b1-9895 mesons

INIS: 1995-08-07; ETDE: 1988-02-02

(Until July 1995 this was a valid term.)
USE chi b1-9890 mesons

CHI B2-10270 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02

*BT1 bottomonium

CHI B2-9915 MESONS

INIS: 1995-08-07; ETDE: 1988-02-02

*BT1 bottomonium

*BT1 tensor mesons

chi resonances

INIS: 1988-03-08; ETDE: 1977-07-23

(Prior to December 1987 this was a valid descriptor.)

USE mesons

CHI0-3415 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by CHI-3410 RESONANCES.)

UF chi-3410 resonances

*BT1 charmonium

*BT1 scalar mesons

CHI1-3510 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by CHI-3500 RESONANCES.)

UF chi-3500 resonances

*BT1 axial vector mesons

*BT1 charmonium

CHI2-3555 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by CHI-3550 RESONANCES.)

UF chi-3550 resonances

*BT1 charmonium

*BT1 tensor mesons

chiberta event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

CHICAGO

INIS: 1992-07-08; ETDE: 1977-10-20

*BT1 illinois

BT1 urban areas

chicago cyclotron

1994-08-22

(Prior to June 1994, this was a valid ETDE descriptor.)

USE isochronous cyclotrons

chicago pile-2 reactor

USE cp-2 reactor

chicago synchrocyclotron

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE synchrocyclotrons

CHICKENS

1996-07-08

UF hens

*BT1 fowl

RT ascaridae

CHILDREN

BT1 age groups

*BT1 man

NT1 infants

RT adolescents

RT education

RT juveniles

RT life cycle

RT pediatrics

RT progeny

CHILE

1997-06-17

BT1 developing countries

*BT1 south america

RT andes

RT el tatio geothermal field

CHILEAN ORGANIZATIONS

2004-03-31

BT1 national organizations

CHIMERAS

BT1 mosaicism

NT1 radiation chimeras

RT immunity

RT spleen colony formation

RT transplants

CHIMNEYS

1975-08-22

For gas disposal use STACKS.

NT1 solar chimneys

RT cavities

RT exhaust systems

RT explosive stimulation

RT fireplaces

RT underground explosions

CHINA

UF inner mongolia

UF peoples republic of china

BT1 asia

NT1 hong kong

NT1 taiwan

NT1 tibet

RT centrally planned economies

RT ciae

RT yangtze river

RT yellow river

china advanced research reactor

2018-06-04

USE carr reactor

china clay

USE kaolin

china experimental fast reactor

INIS: 2000-02-22; ETDE: 2000-10-04

USE cefr reactor

china institute of atomic energy

INIS: 1992-08-05; ETDE: 1992-09-10

USE ciae

china mianyang research reactor

2018-06-04

USE cmrr reactor

CHINA SEA

INIS: 1992-01-16; ETDE: 1981-03-16

UF east china sea

UF south china sea

*BT1 pacific ocean

CHINA SPALLATION NEUTRON SOURCE

2016-06-09

Institute of High Energy Physics, Beijing, China

*BT1 spallation neutron source facilities

chinese bean oil

USE soybean oil

chinese hamster

USE hamsters

chinese hamster ovary cells

INIS: 1984-01-18; ETDE: 1983-09-15

USE cho cells

CHINESE NNSA

INIS: 1993-03-17; ETDE: 1993-04-16

National Nuclear Safety Administration.

*BT1 chinese organizations

CHINESE ORGANIZATIONS

INIS: 1987-05-26; ETDE: 1980-10-07

BT1 national organizations

NT1 chinese nnsa

NT1 ciae

chinese tallow tree

INIS: 2000-04-12; ETDE: 1980-04-14

A hydrocarbon-producing plant; possible source of synthetic petroleum.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE euphorbia

chinon-1 reactor

(Prior to August 2010 this was a valid descriptor.)

USE chinon-a1 reactor

chinon-2 reactor

(Prior to August 2010 this was a valid descriptor.)

USE chinon-a2 reactor

chinon-3 reactor

(Prior to August 2010 this was a valid descriptor.)

USE chinon-a3 reactor

CHINON-A1 REACTOR

2010-08-17

Electricite de France, Avoine, Indre-et-Loire, France. Permanently shut down since 1973.

(Prior to August 2010 CHINON-1 REACTOR was used for this reactor.)

UF chinon-1 reactor

UF edf-1 reactor

*BT1 carbon dioxide cooled reactors

*BT1 gcr type reactors

*BT1 power reactors

*BT1 thermal reactors

CHINON-A2 REACTOR

2010-08-17

Electricite de France, Avoine, Indre-et-Loire, France. Permanently shut down since 1987.

(Prior to August 2010 CHINON-2 REACTOR was used for this reactor.)

UF chinon-2 reactor

UF edf-2 reactor

*BT1 carbon dioxide cooled reactors

*BT1 gcr type reactors

*BT1 power reactors

*BT1 thermal reactors

CHINON-A3 REACTOR

2010-08-17

Electricite de France, Avoine, Indre-et-Loire, France. Permanently shut down since 1990.

(Prior to August 2010 CHINON-3 REACTOR was used for this reactor.)

UF chinon-3 reactor

UF edf-3 reactor

*BT1 carbon dioxide cooled reactors

*BT1 gcr type reactors

*BT1 power reactors

*BT1 thermal reactors

CHINON-B1 REACTOR

1995-02-15

Electricite de France, Avoine, Indre-et-Loire, France

*BT1 pwr type reactors

CHINON-B2 REACTOR

2010-08-17

Electricite de France, Avoine, Indre-et-Loire, France

*BT1 pwr type reactors

CHINON-B3 REACTOR

2010-08-17

Electricite de France, Avoine, Indre-et-Loire, France

*BT1 pwr type reactors

CHINON-B4 REACTOR

2010-08-17

Electricite de France, Avoine, Indre-et-Loire, France

*BT1 pwr type reactors

chinone

USE benzoquinones

CHINSHAN-1 REACTOR

INIS: 1991-11-06; ETDE: 1992-01-31

Taipei, Taiwan.

(This descriptor was spelled QINSHAN-1 REACTOR for items input in 1991, and prior to 1991 was spelled CHINSAN-1 REACTOR.)

*BT1 bwr type reactors

CHINSHAN-2 REACTOR

INIS: 1991-11-06; ETDE: 1992-01-31

Taipei, Taiwan.

(This descriptor was spelled QINSHAN-2 REACTOR for items input in 1991, and prior to 1991 was spelled CHINSAN-2 REACTOR.)

*BT1 bwr type reactors

chipmunks

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE rodents

chiral molecules

INIS: 2000-04-12; ETDE: 1976-02-23

USE enantiomorphs

CHIRAL SYMMETRY

BT1 symmetry

RT chirality

CHIRALITY

BT1 particle properties

RT angular momentum

RT chiral symmetry

RT helicity

RT quantum mechanics

RT spin

CHITIN

*BT1 mucopolysaccharides

RT glucosamine

RT polyacetals

CHIYODA THOROUGHbred PROCESS

INIS: 2000-04-12; ETDE: 1977-12-22

Wet process capable of high SO_x removal from flue gas producing gypsum for resale or disposal.

*BT1 desulfurization

RT waste processing

CHLAMYDOMONAS

*BT1 chlorophycota

*BT1 unicellular algae

chlor-alkali industry

INIS: 2000-04-12; ETDE: 1981-04-17

USE chemical industry

USE chlorine

USE sodium carbonates

USE sodium hydroxides

CHLORAL

UF trichloroacetaldehyde

*BT1 aldehydes

*BT1 organic chlorine compounds

RT acetaldehyde

CHLORAMBUCIL

1993-08-03

*BT1 amines

*BT1 antineoplastic drugs

*BT1 monocarboxylic acids

*BT1 organic chlorine compounds

chloramine-b

USE chloramines

chloramine-t

USE chloramines

CHLORAMINES

UF chloramine-b

UF chloramine-t

*BT1 amines

*BT1 organic chlorine compounds

RT amides

RT sulfonic acids

CHLORAMPHENICOL

*BT1 antibiotics

CHLORANIL

UF tetrachlorobenzoquinone

*BT1 benzoquinones

*BT1 organic chlorine compounds

RT chloranilic acid

CHLORANILIC ACID

*BT1 benzoquinones

RT chloranil

RT organic acids

CHLORATES*Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.*

*BT1 chlorine compounds

BT1 oxygen compounds

RT chloric acid

CHLORELLA

*BT1 chlorophycota

*BT1 unicellular algae

CHLORIC ACID

*BT1 chlorine compounds

*BT1 inorganic acids

BT1 oxygen compounds

RT chlorates

CHLORIDE VOLATILITY PROCESS

*BT1 pyrometallurgy

*BT1 reprocessing

RT distillation

RT refining

RT volatility

CHLORIDES

1996-07-18

*BT1 chlorine compounds

*BT1 halides

NT1 actinium chlorides

NT1 aluminium chlorides

NT1 americium chlorides

NT1 ammonium chlorides

NT1 antimony chlorides

NT1 argon chlorides

NT1 arsenic chlorides

NT1 astatine chlorides

NT1 barium chlorides

NT1 berkelium chlorides

NT1 beryllium chlorides

NT1 bismuth chlorides

NT1 boron chlorides

NT1 bromine chlorides

NT1 cadmium chlorides

NT1 calcium chlorides

NT1 californium chlorides

NT1 cerium chlorides

NT1 cesium chlorides

NT1 chromium chlorides

NT1 cobalt chlorides

NT1 copper chlorides

NT1 curium chlorides

NT1 dysprosium chlorides

NT1 einsteinium chlorides

NT1 erbium chlorides

NT1 europium chlorides

NT1 fermium chlorides

NT1 francium chlorides

NT1 gadolinium chlorides

NT1 gallium chlorides

NT1 germanium chlorides

NT1 gold chlorides

NT1 hafnium chlorides

NT1 helium chlorides

NT1 holmium chlorides

NT1 hydrogen chlorides

NT1 indium chlorides

NT1 iodine chlorides

NT1 iridium chlorides

NT1 iron chlorides

NT1 krypton chlorides

NT1 lanthanum chlorides

NT1 lead chlorides

NT1 lithium chlorides

NT1 lutetium chlorides

NT1 magnesium chlorides

NT1 manganese chlorides

NT1 mercury chlorides

NT1 methylene blue

NT1 molybdenum chlorides

NT1 neodymium chlorides

NT1 neon chlorides

NT1 neptunium chlorides

NT1 nickel chlorides

NT1 niobium chlorides

NT1 nitrogen chlorides

NT1 osmium chlorides

NT1 palladium chlorides

NT1 phosphorus chlorides

NT1 platinum chlorides

NT1 plutonium chlorides

NT1 polonium chlorides

NT1 potassium chlorides

NT1 praseodymium chlorides

NT1 promethium chlorides

NT1 protactinium chlorides

NT1 radium chlorides

NT1 rhenium chlorides

NT1 rhodium chlorides

NT1 rubidium chlorides

NT1 ruthenium chlorides

NT1 rutherfordium chlorides

NT1 samarium chlorides

NT1 scandium chlorides

NT1 selenium chlorides

NT1 silicon chlorides

NT1 silver chlorides

NT1 sodium chlorides

NT1 strontium chlorides

NT1 sulfur chlorides

NT1 tantalum chlorides

NT1 technetium chlorides

NT1 tellurium chlorides

NT1 terbium chlorides

NT1 tetrazolium

NT1 thallium chlorides

NT1 thionyl chlorides
NT1 thorium chlorides
NT1 thulium chlorides
NT1 tin chlorides
NT1 titanium chlorides
NT1 tungsten chlorides
NT1 uranium chlorides
NT1 uranyl chlorides
NT1 vanadium chlorides
NT1 xenon chlorides
NT1 ytterbium chlorides
NT1 yttrium chlorides
NT1 zinc chlorides
NT1 zirconium chlorides
RT chlorine additions
RT oxychlorides

CHLORIMET

2000-04-12

*BT1 molybdenum alloys
 *BT1 nickel base alloys

CHLORINATED ALICYCLIC HYDROCARBONS

2000-04-12

*BT1 halogenated alicyclic hydrocarbons
 *BT1 organic chlorine compounds
NT1 lindane

CHLORINATED ALIPHATIC HYDROCARBONS

1991-09-30

(Prior to October 1991, this concept was indexed by ORGANIC CHLORINE COMPOUNDS.)

*BT1 halogenated aliphatic hydrocarbons
 *BT1 organic chlorine compounds
NT1 carbon tetrachloride
NT1 chloroform
NT1 methyl chloride
NT1 pvc
NT1 trichloroacetic acid
NT1 vinyl chloride
RT chlorofluorocarbons

CHLORINATED AROMATIC HYDROCARBONS

1991-10-01

*BT1 halogenated aromatic hydrocarbons
 *BT1 organic chlorine compounds
NT1 aldrin
NT1 polychlorinated biphenyls

chlorinated hydrocarbons

ETDE: 2002-06-13

USE organic chlorine compounds

CHLORINATION

*BT1 halogenation
NT1 sulfochlorination
RT dechlorination

CHLORINE

UF chlor-alkali industry
UF chlorine chlorides
 *BT1 halogens

CHLORINE 28

2007-01-24

*BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 odd-odd nuclei
 *BT1 proton decay radioisotopes

CHLORINE 29

2007-01-24

*BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 proton decay radioisotopes

CHLORINE 30

2007-01-24

*BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 proton decay radioisotopes

CHLORINE 31

*BT1 beta-plus decay radioisotopes
 *BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

CHLORINE 32

*BT1 beta-plus decay radioisotopes
 *BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

CHLORINE 33

*BT1 beta-plus decay radioisotopes
 *BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

CHLORINE 34

*BT1 beta-plus decay radioisotopes
 *BT1 chlorine isotopes
 *BT1 isomeric transition isotopes
 *BT1 light nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

CHLORINE 35

*BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 odd-even nuclei
 *BT1 stable isotopes
RT chlorine 35 beams

CHLORINE 35 BEAMS

1975-11-27

*BT1 ion beams
RT chlorine 35

CHLORINE 35 REACTIONS

*BT1 heavy ion reactions

CHLORINE 35 TARGET

ETDE: 1976-07-09

BT1 targets

CHLORINE 36

*BT1 beta-minus decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 chlorine isotopes
 *BT1 electron capture radioisotopes
 *BT1 light nuclei
 *BT1 odd-odd nuclei
 *BT1 years living radioisotopes

CHLORINE 36 TARGET

INIS: 1985-07-22; ETDE: 1985-08-08

BT1 targets

CHLORINE 37

*BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 odd-even nuclei
 *BT1 stable isotopes
RT chlorine 37 reactions

CHLORINE 37 BEAMS

1993-08-03

*BT1 ion beams

CHLORINE 37 REACTIONS

ETDE: 1975-09-11

*BT1 heavy ion reactions
RT chlorine 37

CHLORINE 37 TARGET

ETDE: 1976-07-09

BT1 targets

CHLORINE 38

*BT1 beta-minus decay radioisotopes
 *BT1 chlorine isotopes
 *BT1 isomeric transition isotopes
 *BT1 light nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

CHLORINE 39

*BT1 beta-minus decay radioisotopes
 *BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

CHLORINE 39 BEAMS

INIS: 1986-12-09; ETDE: 1987-02-24

*BT1 radioactive ion beams

CHLORINE 40

*BT1 beta-minus decay radioisotopes
 *BT1 chlorine isotopes
 *BT1 light nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

CHLORINE 41

*BT1 beta-minus decay radioisotopes
 *BT1 chlorine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

CHLORINE 42

*BT1 chlorine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

CHLORINE 43

INIS: 1977-03-01; ETDE: 1976-12-15

*BT1 chlorine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

CHLORINE 44

INIS: 1976-03-17; ETDE: 1976-02-19

*BT1 chlorine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

CHLORINE 45

INIS: 1986-04-02; ETDE: 1986-07-03

*BT1 chlorine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

CHLORINE 46

INIS: 1989-09-14; ETDE: 1989-10-16

*BT1 chlorine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

CHLORINE 47

INIS: 1989-09-14; ETDE: 1989-10-16

*BT1 chlorine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

CHLORINE 48

INIS: 1989-09-14; ETDE: 1989-10-16

*BT1 chlorine isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

CHLORINE 49*INIS: 1989-09-14; ETDE: 1989-10-16*

- *BT1 chlorine isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

CHLORINE 50*2007-01-24*

- *BT1 beta-minus decay radioisotopes
- *BT1 chlorine isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

CHLORINE 51*INIS: 1990-04-19; ETDE: 1990-05-16*

- *BT1 chlorine isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

CHLORINE ADDITIONS

- RT* chlorides
- RT* crystal doping
- RT* doped materials

chlorine bromides

- USE bromine chlorides

chlorine chlorides

- USE chlorine

CHLORINE COMPLEXES

- BT1 complexes

CHLORINE COMPOUNDS

- UF* chlorites
- BT1 halogen compounds
- NT1 chlorates
- NT1 chloric acid
- NT1 chlorides
 - NT2 actinium chlorides
 - NT2 aluminium chlorides
 - NT2 americium chlorides
 - NT2 ammonium chlorides
 - NT2 antimony chlorides
 - NT2 argon chlorides
 - NT2 arsenic chlorides
 - NT2 astatine chlorides
 - NT2 barium chlorides
 - NT2 berkelium chlorides
 - NT2 beryllium chlorides
 - NT2 bismuth chlorides
 - NT2 boron chlorides
 - NT2 bromine chlorides
 - NT2 cadmium chlorides
 - NT2 calcium chlorides
 - NT2 californium chlorides
 - NT2 cerium chlorides
 - NT2 cesium chlorides
 - NT2 chromium chlorides
 - NT2 cobalt chlorides
 - NT2 copper chlorides
 - NT2 curium chlorides
 - NT2 dysprosium chlorides
 - NT2 einsteinium chlorides
 - NT2 erbium chlorides
 - NT2 europium chlorides
 - NT2 fermium chlorides
 - NT2 francium chlorides
 - NT2 gadolinium chlorides
 - NT2 gallium chlorides
 - NT2 germanium chlorides
 - NT2 gold chlorides
 - NT2 hafnium chlorides
 - NT2 helium chlorides
 - NT2 holmium chlorides
 - NT2 hydrogen chlorides
 - NT2 indium chlorides
 - NT2 iodine chlorides
 - NT2 iridium chlorides
 - NT2 iron chlorides

- NT2 krypton chlorides
- NT2 lanthanum chlorides
- NT2 lead chlorides
- NT2 lithium chlorides
- NT2 lutetium chlorides
- NT2 magnesium chlorides
- NT2 manganese chlorides
- NT2 mercury chlorides
- NT2 methylene blue
- NT2 molybdenum chlorides
- NT2 neodymium chlorides
- NT2 neon chlorides
- NT2 neptunium chlorides
- NT2 nickel chlorides
- NT2 niobium chlorides
- NT2 nitrogen chlorides
- NT2 osmium chlorides
- NT2 palladium chlorides
- NT2 phosphorus chlorides
- NT2 platinum chlorides
- NT2 plutonium chlorides
- NT2 polonium chlorides
- NT2 potassium chlorides
- NT2 praseodymium chlorides
- NT2 promethium chlorides
- NT2 protactinium chlorides
- NT2 radium chlorides
- NT2 rhenium chlorides
- NT2 rhodium chlorides
- NT2 rubidium chlorides
- NT2 ruthenium chlorides
- NT2 rutherfordium chlorides
- NT2 samarium chlorides
- NT2 scandium chlorides
- NT2 selenium chlorides
- NT2 silicon chlorides
- NT2 silver chlorides
- NT2 sodium chlorides
- NT2 strontium chlorides
- NT2 sulfur chlorides
- NT2 tantalum chlorides
- NT2 technetium chlorides
- NT2 tellurium chlorides
- NT2 terbium chlorides
- NT2 tetrazolium
- NT2 thallium chlorides
- NT2 thionyl chlorides
- NT2 thorium chlorides
- NT2 thulium chlorides
- NT2 tin chlorides
- NT2 titanium chlorides
- NT2 tungsten chlorides
- NT2 uranium chlorides
- NT2 uranyl chlorides
- NT2 vanadium chlorides
- NT2 xenon chlorides
- NT2 ytterbium chlorides
- NT2 yttrium chlorides
- NT2 zinc chlorides
- NT2 zirconium chlorides
- NT1 chlorine halides
 - NT2 chlorine fluorides
- NT1 chlorine nitrates
- NT1 chlorine oxides
- NT1 chlorous acid
- NT1 hydrochloric acid
- NT1 hypochlorous acid
- NT1 oxychlorides
- NT1 perchlorates
 - NT2 aluminium perchlorates
 - NT2 americium perchlorates
 - NT2 ammonium perchlorates
 - NT2 barium perchlorates
 - NT2 cadmium perchlorates
 - NT2 calcium perchlorates
 - NT2 cerium perchlorates
 - NT2 cesium perchlorates
 - NT2 chromium perchlorates
 - NT2 cobalt perchlorates

- NT2 copper perchlorates
- NT2 dysprosium perchlorates
- NT2 erbium perchlorates
- NT2 europium perchlorates
- NT2 gadolinium perchlorates
- NT2 hafnium perchlorates
- NT2 holmium perchlorates
- NT2 indium perchlorates
- NT2 iron perchlorates
- NT2 lanthanum perchlorates
- NT2 lead perchlorates
- NT2 lithium perchlorates
- NT2 lutetium perchlorates
- NT2 magnesium perchlorates
- NT2 manganese perchlorates
- NT2 mercury perchlorates
- NT2 neodymium perchlorates
- NT2 neptunium perchlorates
- NT2 plutonium perchlorates
- NT2 potassium perchlorates
- NT2 praseodymium perchlorates
- NT2 rubidium perchlorates
- NT2 samarium perchlorates
- NT2 scandium perchlorates
- NT2 silver perchlorates
- NT2 sodium perchlorates
- NT2 strontium perchlorates
- NT2 terbium perchlorates
- NT2 thallium perchlorates
- NT2 thorium perchlorates
- NT2 thulium perchlorates
- NT2 uranium perchlorates
- NT2 uranyl perchlorates
- NT2 ytterbium perchlorates
- NT2 yttrium perchlorates
- NT2 zinc perchlorates
- NT2 zirconium perchlorates
- NT1 perchloric acid
- RT* organic chlorine compounds

CHLORINE FLUORIDES

- UF* fluorine chlorides
- *BT1 chlorine halides
- *BT1 fluorides

CHLORINE HALIDES*2012-07-19*

- *BT1 chlorine compounds
- *BT1 halides
- NT1 chlorine fluorides

chlorine iodides

- USE iodine chlorides

CHLORINE IONS

- *BT1 ions

CHLORINE ISOTOPES*1999-07-16*

- BT1 isotopes
- NT1 chlorine 28
- NT1 chlorine 29
- NT1 chlorine 30
- NT1 chlorine 31
- NT1 chlorine 32
- NT1 chlorine 33
- NT1 chlorine 34
- NT1 chlorine 35
- NT1 chlorine 36
- NT1 chlorine 37
- NT1 chlorine 38
- NT1 chlorine 39
- NT1 chlorine 40
- NT1 chlorine 41
- NT1 chlorine 42
- NT1 chlorine 43
- NT1 chlorine 44
- NT1 chlorine 45
- NT1 chlorine 46
- NT1 chlorine 47
- NT1 chlorine 48

NT1 chlorine 49
NT1 chlorine 50
NT1 chlorine 51

chlorine logs

INIS: 2000-04-12; ETDE: 1979-03-27
USE neutron-gamma logging

CHLORINE NITRATES

INIS: 2000-04-12; ETDE: 1989-10-24
*BT1 chlorine compounds
*BT1 nitrates

CHLORINE OXIDES

*BT1 chlorine compounds
*BT1 oxides
RT oxychlorides

chlorinity

2013-08-28
USE salinity

CHLORINS

INIS: 2000-04-12; ETDE: 1981-07-18
*BT1 porphyrins
RT cytochromes

CHLORITE MINERALS

Greenish, platyhydrous monoclinic silicates of aluminium, ferrous iron, and magnesium.
UF chlorites (minerals)
*BT1 silicate minerals

chlorites

INIS: 1984-04-25; ETDE: 2002-06-13
Salts of chlorous acid.
USE chlorine compounds
USE oxygen compounds

chlorites (minerals)

INIS: 1984-04-25; ETDE: 2002-06-13
USE chlorite minerals

chlormerodrin

ETDE: 1981-04-20
USE neohydrin

chlorobutadiene

USE neoprene

CHLOROFLUOROCARBONS

INIS: 1992-06-19; ETDE: 1992-04-01
UF cfc
*BT1 organic chlorine compounds
*BT1 organic fluorine compounds
RT chlorinated aliphatic hydrocarbons
RT fluorinated aliphatic hydrocarbons
RT freons
RT greenhouse gases
RT ozone layer
RT refrigerants

CHLOROFORM

UF trichloromethane
*BT1 chlorinated aliphatic hydrocarbons
RT anesthetics
RT methane
RT organic solvents

chloromethane

INIS: 1982-02-09; ETDE: 2002-06-13
USE methyl chloride

CHLOROPHYCOTA

INIS: 1991-12-11; ETDE: 1988-12-20
*BT1 algae
NT1 acetabularia
NT1 chlamydomonas
NT1 chlorella
NT1 nitella
NT1 scenedesmus

CHLOROPHYLL

*BT1 phytochromes
*BT1 porphyrins
RT chlorophyll-binding proteins
RT chloroplasts
RT chlorosis
RT leaves
RT photosynthesis
RT photosynthetic reaction centers
RT plants

CHLOROPHYLL-BINDING PROTEINS

INIS: 2000-04-12; ETDE: 1986-11-20
BT1 photosynthetic reaction centers
*BT1 proteins
RT chlorophyll
RT photosynthetic membranes

CHLOROPLASTS

BT1 cell constituents
RT c4 species
RT calvin cycle species
RT chlorophyll
RT photosynthesis
RT plant cells
RT ribulose diphosphate carboxylase

chloroprene

USE neoprene

CHLOROSIS

INIS: 1992-06-19; ETDE: 1985-11-19
BT1 pathological changes
RT chlorophyll
RT leaves
RT plant diseases
RT plant tissues
RT symptoms

chlorothiazide

1996-07-18
(Until July 1996 this was a valid descriptor.)
USE diuretics

CHLOROURACILS

INIS: 1983-06-02; ETDE: 1982-11-08
*BT1 organic chlorine compounds
*BT1 uracils

CHLOROUS ACID

*BT1 chlorine compounds
*BT1 inorganic acids
BT1 oxygen compounds

CHLORPROMAZINE

*BT1 amines
*BT1 hypnotics and sedatives
*BT1 organic chlorine compounds
*BT1 phenothiazines
*BT1 tranquilizers

chlortetracycline

1996-10-22
(Until October 1996 this was a valid descriptor.)
USE tetracyclines

CHO CELLS

INIS: 1984-01-18; ETDE: 1983-09-15
UF chinese hamster ovary cells
*BT1 somatic cells
RT cell cultures

CHOLANTHRENE

*BT1 polycyclic aromatic hydrocarbons

CHOLECALCIFEROL

UF vitamin d-3
*BT1 vitamin d

CHOLERA

*BT1 bacterial diseases

CHOLESTEROL

1996-10-23
*BT1 sterols
RT lipids
RT myelin

CHOLIC ACID

*BT1 bile acids

CHOLINE

*BT1 alcohols
*BT1 lipotropic factors
*BT1 quaternary ammonium compounds
RT acetylcholine
RT lecithins
RT lipids

CHOLINESTERASE

Code number 3.1.1.7 and 3.1.1.8.
*BT1 carboxylesterases
RT acetylcholine

CHONDRITES

*BT1 stone meteorites

CHONDROITIN

*BT1 mucopolysaccharides
RT mucoproteins

chondrosarcomas

USE sarcomas
USE skeletal diseases

CHOOZ-A REACTOR

Electricite de France, Chooz, Ardennes, France. Permanent shutdown since 1991.
(Prior to August 2010 ARDENNES REACTOR was used for this reactor.)
UF ardennes reactor
UF sena reactor
*BT1 pwr type reactors

CHOOZ-B1 REACTOR

INIS: 1984-07-23; ETDE: 1984-09-05
Electricite de France, Chooz, Ardennes, France
(Prior to August 2010 ARDENNES B-1 REACTOR was used for this reactor.)
UF ardennes b-1 reactor
*BT1 pwr type reactors

CHOOZ-B2 REACTOR

2004-05-11
Electricite de France, Chooz, Ardennes, France
(Prior to August 2010 ARDENNES B-2 REACTOR was used for this reactor.)
UF ardennes b-2 reactor
*BT1 pwr type reactors

choppers (beam)

INIS: 2000-04-12; ETDE: 1979-05-03
USE beam pulsers

choppers (neutron)

USE neutron choppers

chordates

INIS: 2000-04-12; ETDE: 1981-06-15
USE vertebrates

chorioallantoic membrane

USE fetal membranes

choroid

USE uvea

christmas trees

INIS: 2000-04-12; ETDE: 1986-02-21

Assemblies of valves, tees, crosses, and other fittings at wellheads, used to control oil or gas production and to give access to the well tubing.

USE wellheads

CHROMATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

*BT1 chromium compounds
BT1 oxygen compounds
RT chromic acid
RT chromium oxides

CHROMATIC ABERRATIONS

RT beam optics

chromatid deletions

USE chromosomal aberrations

CHROMATIDS

RT chromatin
RT chromosomes
RT human chromosomes
RT sister chromatid exchanges

CHROMATIN

1995-01-27

NT1 heterochromatin
NT1 nucleosomes
NT1 sex chromatin
RT achromatic lesions
RT cell nuclei
RT centromeres
RT chromatids
RT chromosomes
RT human chromosomes

chromatographic columns

INIS: 1984-04-04; ETDE: 1984-05-10

USE extraction columns

CHROMATOGRAPHY

UF paper chromatography
UF partition chromatography
BT1 separation processes
NT1 extraction chromatography
NT1 gas chromatography
NT1 gel permeation chromatography
NT1 ion exchange chromatography
NT1 liquid column chromatography
NT2 high-performance liquid chromatography
NT1 radiochromatography
NT1 supercritical fluid chromatography
NT1 thermochromatography
NT1 thin-layer chromatography
RT counter current

chrome violet

1996-10-22

(Prior to March 1997 ALUMINON was used for this concept in ETDE.)

USE hydroxy acids
USE triphenylmethane dyes

CHROMEL

1996-01-25

*BT1 nickel base alloys
NT1 alloy-ni60fe24cr16
NT2 nichrome
NT1 alloy-ni80cr20

chromel a

INIS: 1983-11-07; ETDE: 2002-06-13

USE alloy-ni80cr20

chromel c

INIS: 1983-11-07; ETDE: 2002-06-13

USE alloy-ni60fe24cr16

CHROMIC ACID

*BT1 chromium compounds
*BT1 inorganic acids
BT1 oxygen compounds
RT chromates
RT chromium oxides

CHROMITES

1996-07-16

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

*BT1 chromium compounds
BT1 oxygen compounds
RT chromium oxides

CHROMIUM

*BT1 transition elements

CHROMIUM 42

INIS: 1988-11-16; ETDE: 1988-12-02

*BT1 beta-plus decay radioisotopes
*BT1 chromium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei

CHROMIUM 43

*BT1 chromium isotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei

CHROMIUM 44

*BT1 chromium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei

CHROMIUM 45

*BT1 beta-plus decay radioisotopes
*BT1 chromium isotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes

CHROMIUM 46

*BT1 beta-plus decay radioisotopes
*BT1 chromium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes

CHROMIUM 47

*BT1 beta-plus decay radioisotopes
*BT1 chromium isotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes

CHROMIUM 48

*BT1 chromium isotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei

CHROMIUM 49

*BT1 beta-plus decay radioisotopes
*BT1 chromium isotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes

CHROMIUM 50

*BT1 chromium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes

CHROMIUM 50 TARGET

ETDE: 1976-07-09

BT1 targets

CHROMIUM 51

*BT1 chromium isotopes
*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei

CHROMIUM 52

*BT1 chromium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes

CHROMIUM 52 REACTIONS

INIS: 1977-04-07; ETDE: 1977-06-02

*BT1 heavy ion reactions

CHROMIUM 52 TARGET

ETDE: 1976-07-09

BT1 targets

CHROMIUM 53

*BT1 chromium isotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes

CHROMIUM 53 TARGET

ETDE: 1976-07-09

BT1 targets

CHROMIUM 54

*BT1 chromium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes

CHROMIUM 54 REACTIONS

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 heavy ion reactions

CHROMIUM 54 TARGET

ETDE: 1976-07-09

BT1 targets

CHROMIUM 55

*BT1 beta-minus decay radioisotopes
*BT1 chromium isotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes

CHROMIUM 56

*BT1 beta-minus decay radioisotopes
*BT1 chromium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes

CHROMIUM 56 TARGET

INIS: 1981-07-13; ETDE: 1981-08-04

BT1 targets

CHROMIUM 57

*BT1 beta-minus decay radioisotopes
*BT1 chromium isotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes

CHROMIUM 58

*BT1 beta-minus decay radioisotopes
*BT1 chromium isotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes

CHROMIUM 59

1980-11-07

*BT1 beta-minus decay radioisotopes

- *BT1 chromium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

CHROMIUM 60

INIS: 1986-08-19; ETDE: 1981-01-30

- *BT1 beta-minus decay radioisotopes
- *BT1 chromium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

CHROMIUM 61

INIS: 1986-08-19; ETDE: 1986-09-05

- *BT1 chromium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

CHROMIUM 62

INIS: 1986-08-19; ETDE: 1986-09-05

- *BT1 beta-minus decay radioisotopes
- *BT1 chromium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

CHROMIUM 63

2005-03-11

- *BT1 beta-minus decay radioisotopes
- *BT1 chromium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

CHROMIUM 64

2005-03-11

- *BT1 beta-minus decay radioisotopes
- *BT1 chromium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 microseconds living radioisotopes
- *BT1 milliseconds living radioisotopes

CHROMIUM 65

2005-03-11

- *BT1 beta-minus decay radioisotopes
- *BT1 chromium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 nanoseconds living radioisotopes

CHROMIUM 66

2005-03-11

- *BT1 beta-minus decay radioisotopes
- *BT1 chromium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 nanoseconds living radioisotopes

CHROMIUM 67

2007-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 chromium isotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

CHROMIUM 68

2009-06-02

- *BT1 beta-minus decay radioisotopes
- *BT1 chromium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei

CHROMIUM ADDITIONS

Alloys containing not more than 1% Cr are listed here.

- *BT1 chromium alloys
- NT1** alloy-ni65mo28fe5

- NT2** hastelloy b
- NT1** alloy-zr98sn-2
- NT2** zircaloy 2
- NT1** alloy-zr98sn-4
- NT2** zircaloy 4
- NT1** steel-crmc
- NT1** steel-crmc
- NT1** steel-mncumo
- NT2** steel-astm-a537
- NT1** steel-ni3cr
- NT1** steel-nicr
- NT1** steel-nicrmo
- NT1** steel-nimocr

CHROMIUM ALLOYS

1996-11-13

Alloys containing more than 1% Cr.

- UF alloy-50kh4n6g12f2v*
- UF alloy-co64cr29w4*
- UF alloy-co66cr26w6*
- UF alloy-ehi 868*
- UF alloy-ehp-567*
- UF alloy-fe48cr24ni24*
- UF alloy-in-519*
- UF alloy-khn60b*
- UF alloy-khn60v*
- UF alloy-ni60cr25w15*
- UF alloy-ni65mo16cr15w4*
- UF alloy-ni78cr16al4*
- UF alloy-vzh98*
- UF in 519*
- UF inconel 702*
- UF manaurite 900*
- UF nickel-chromium steels*
- UF refractaloy*
- UF rezistal*
- UF sichromal alloys*
- UF steel-000kh20n20*
- UF steel-1-kh18n20t3p*
- UF steel-37khn3t*
- UF steel-40kh2n5sm*
- UF steel-kh12n20t3p*
- UF steel-kh18n22v2t2*
- UF steel-khn35vt*
- UF steel-n26kht1*
- UF steel-vzh102*
- UF stellite 156*
- SF alloy-0kh12n13m*
- SF steel-60kh3g8n8v*
- *BT1 transition element alloys
- NT1** alloy-b-1900
- NT1** alloy-co36cr22ni22w15fe3
- NT2** haynes 188 alloy
- NT1** alloy-co43cr20fe18ni13w3
- NT2** havar
- NT1** alloy-co54cr20w15ni10
- NT2** alloy-hs-25
- NT2** haynes 25 alloy
- NT1** alloy-co60cr30w4
- NT2** stellite 6
- NT1** alloy-d-979
- NT1** alloy-fe40ni35cr22
- NT1** alloy-fe44ni33cr21
- NT2** incoloy 800h
- NT1** alloy-fe46ni33cr21
- NT2** incoloy 800
- NT2** incoloy 802
- NT1** alloy-in-102
- NT1** alloy-khn50mbvyu
- NT1** alloy-mar-m246
- NT1** alloy-mn-21
- NT1** alloy-mo-re-1
- NT1** alloy-mp35n
- NT1** alloy-ni41fe40cr16nb3
- NT2** inconel 706
- NT1** alloy-ni43fe30cr22mo3
- NT2** incoloy 825
- NT1** alloy-ni43fe33cr16mo3
- NT2** nimonic pe16

- NT1** alloy-ni45fe34cr20
- NT1** alloy-ni46cr23co19ti5al4
- NT2** alloy-in-939
- NT1** alloy-ni49cr22fe18mo9
- NT2** hastelloy x
- NT1** alloy-ni50co20cr15al5mo5
- NT2** nimonic 105
- NT1** alloy-ni50cr22fe18mo9
- NT2** hastelloy xr
- NT1** alloy-ni50mo32cr15si3
- NT1** alloy-ni51cr48
- NT2** inconel 671
- NT1** alloy-ni53cr19fe19nb5mo3
- NT2** inconel 718
- NT1** alloy-ni54cr22co13mo9
- NT2** inconel 617
- NT1** alloy-ni54mo17cr16fe6w4
- NT2** hastelloy c
- NT1** alloy-ni55co17cr15mo5al4ti4
- NT2** astroloy
- NT1** alloy-ni55cr19co11mo10ti3
- NT2** rene 41
- NT1** alloy-ni58cr20co14mo4ti3
- NT2** waspaloy
- NT1** alloy-ni59cr20co17ti2
- NT1** alloy-ni59cr30fe9
- NT2** inconel 690
- NT1** alloy-ni60co15cr10al6ti5mo3
- NT2** alloy-in-100
- NT1** alloy-ni60fe24cr16
- NT2** nichrome
- NT1** alloy-ni61cr16co9al3ti3w3
- NT2** alloy-in-738
- NT1** alloy-ni61cr22mo9nb4fe3
- NT2** inconel 625
- NT1** alloy-ni61cr23fe14
- NT1** alloy-ni62cr16mo15fe3
- NT2** hastelloy s
- NT1** alloy-ni65cr25mo10
- NT2** nimonic 86
- NT1** alloy-ni70mo17cr7fe5
- NT2** hastelloy n
- NT2** inor-8
- NT1** alloy-ni73cr15fe7ti3
- NT2** inconel x750
- NT1** alloy-ni73cr20mn3nb3
- NT2** inconel 82
- NT1** alloy-ni74cr13al6mo4
- NT2** inconel 713c
- NT1** alloy-ni75cr12al6mo5
- NT2** inconel 713lc
- NT1** alloy-ni76cr15fe8
- NT2** inconel 600
- NT1** alloy-ni76cr20ti2
- NT2** nimonic 80a
- NT1** alloy-ni77cr20ti2
- NT1** alloy-ni78cr21
- NT1** alloy-ni80cr20
- NT1** alloy-ra-333
- NT1** alloy-s-590
- NT1** alloy-s-816
- NT1** alloy-ti78cr11mo7al3
- NT1** alloy-ti88mo8al3
- NT1** alloy-ti91al5cr2
- NT1** alloy-v-36
- NT1** alloy-v87cr9fe3
- NT1** ascology
- NT1** chromium additions
- NT2** alloy-ni65mo28fe5
- NT3** hastelloy b
- NT2** alloy-zr98sn-2
- NT3** zircaloy 2
- NT2** alloy-zr98sn-4
- NT3** zircaloy 4
- NT2** steel-crmc
- NT2** steel-crmc
- NT2** steel-mncumo
- NT3** steel-astm-a537
- NT2** steel-ni3cr

NT2 steel-nicr
 NT2 steel-nicrmo
 NT2 steel-nimocr
 NT1 chromium base alloys
 NT2 alloy-mo-re-2
 NT1 chromium-nickel steels
 NT2 alloy-d-9
 NT2 carpenter
 NT2 chromium-nickel-molybdenum steels
 NT3 alloy-m-813
 NT3 steel-cr11ni10mo2ti-l
 NT3 steel-cr15ni15motib
 NT3 steel-cr16ni13monbv
 NT3 steel-cr16ni15mo3nb
 NT3 steel-cr16ni16monb
 NT3 steel-cr16ni8mo2
 NT4 stainless steel-16-8-2
 NT3 steel-cr16ni9mo2
 NT3 steel-cr17ni12mo3
 NT4 stainless steel-316
 NT3 steel-cr17ni12mo3-l
 NT4 stainless steel-316l
 NT4 stainless steel-zcnd17-13
 NT3 steel-cr17ni12monb
 NT3 steel-cr17ni13mo2ti
 NT3 steel-cr17ni13mo3ti
 NT3 steel-ni26cr15ti2movalb
 NT4 alloy-a-286
 NT2 durco
 NT2 enduro
 NT2 stainless steel-17-7ph
 NT2 stainless steel-303
 NT2 stainless steel-329
 NT2 stainless steel-ph-15-7-mo
 NT2 steel-cr17ni13
 NT2 steel-cr17ni7
 NT3 stainless steel-301
 NT2 steel-cr18ni10
 NT3 stainless steel-18-10
 NT2 steel-cr18ni10-l
 NT2 steel-cr18ni10ti
 NT3 stainless steel-321
 NT2 steel-cr18ni11
 NT3 steel-x6crni1811
 NT2 steel-cr18ni11nb
 NT3 stainless steel-347
 NT2 steel-cr18ni11nbco
 NT3 stainless steel-348
 NT2 steel-cr18ni12
 NT3 stainless steel-305
 NT2 steel-cr18ni12ti
 NT2 steel-cr18ni8
 NT3 stainless steel-18-8
 NT2 steel-cr18ni9
 NT3 stainless steel-302
 NT2 steel-cr18ni9ti
 NT2 steel-cr19ni10
 NT3 stainless steel-304
 NT2 steel-cr19ni10-l
 NT3 stainless steel-304l
 NT2 steel-cr20ni11
 NT3 stainless steel-308
 NT2 steel-cr20ni11-l
 NT3 stainless steel-308l
 NT2 steel-cr23ni14
 NT3 stainless steel-309
 NT3 stainless steel-309s
 NT2 steel-cr23ni18
 NT2 steel-cr25ni20
 NT3 alloy-hk-40
 NT3 stainless steel-310
 NT2 steel-ni25cr20
 NT3 stainless steel-20-25
 NT2 steel-ni36cr12ti3al-l
 NT2 timken alloys
 NT1 chromium steels
 NT2 chromium-molybdenum steels

NT3 chromium-nickel-molybdenum steels
 NT4 alloy-m-813
 NT4 steel-cr11ni10mo2ti-l
 NT4 steel-cr15ni15motib
 NT4 steel-cr16ni13monbv
 NT4 steel-cr16ni15mo3nb
 NT4 steel-cr16ni16monb
 NT4 steel-cr16ni8mo2
 NT5 stainless steel-16-8-2
 NT4 steel-cr16ni9mo2
 NT4 steel-cr17ni12mo3
 NT5 stainless steel-316
 NT4 steel-cr17ni12mo3-l
 NT5 stainless steel-316l
 NT5 stainless steel-zcnd17-13
 NT4 steel-cr17ni12monb
 NT4 steel-cr17ni13mo2ti
 NT4 steel-cr17ni13mo3ti
 NT4 steel-ni26cr15ti2movalb
 NT5 alloy-a-286
 NT2 magnet steel-ks
 NT2 miduale
 NT2 stainless steel-406
 NT2 steel-cr10mo2
 NT2 steel-cr12
 NT3 stainless steel-403
 NT2 steel-cr12moniv
 NT2 steel-cr12mov
 NT3 alloy-ht-9
 NT2 steel-cr13
 NT3 stainless steel-410
 NT2 steel-cr13al
 NT3 stainless steel-405
 NT2 steel-cr16
 NT3 stainless steel-430
 NT2 steel-cr16ni
 NT2 steel-cr17cu4ni4nb-l
 NT3 stainless steel-17-4ph
 NT2 steel-cr17mo
 NT3 stainless steel-440
 NT2 steel-cr17ni4mo3
 NT2 steel-cr18
 NT2 steel-cr25
 NT3 stainless steel-446
 NT2 steel-cr9mo
 NT2 steel-cr9monbv
 NT1 colmonoy
 NT1 discaloy
 NT1 ge 2541
 NT1 hoskins 875
 NT1 illium
 NT1 incoloy 901
 NT1 kanthal
 NT1 konel
 NT1 magnesium alloy-zr
 NT1 misco metal
 NT1 ni-hard
 NT1 ni-o-nel
 NT1 microbraz 50
 NT1 nimonic 115
 NT1 rene-100
 NT1 rene 80
 NT1 rene 95
 NT1 sicromo 9m
 NT1 steel-cd-4mcu
 NT1 steel-cr21mn9ni6
 NT2 stainless steel-21-6-9
 NT1 steel-cr2mo
 NT2 steel-astm-a542
 NT1 steel-cr2moninb
 NT1 steel-cr2mov
 NT1 steel-cr2nimov
 NT1 steel-cr5mo
 NT1 steel-cralnimo
 NT1 steel-crmov
 NT1 steel-ni3crmo
 NT2 steel-astm-a543
 NT1 steel-ni3crmov

NT1 steel-ni4crw
 NT1 supertherm
 NT1 sweetalloy
 NT1 td-nickel chromium
 NT1 tophet
 NT1 tribaloy 400
 NT1 tribaloy 800
 NT1 udimet alloys
 NT2 alloy-ni53co19cr15mo5al4ti3
 NT3 udimet 700
 NT2 udimet 500
 NT1 vitallium

CHROMIUM BASE ALLOYS

*BT1 chromium alloys
 NT1 alloy-mo-re-2

CHROMIUM BORIDES

*BT1 borides
 *BT1 chromium compounds

CHROMIUM BROMIDES

*BT1 bromides
 *BT1 chromium halides

CHROMIUM CARBIDES

*BT1 carbides
 *BT1 chromium compounds

CHROMIUM CHLORIDES

*BT1 chlorides
 *BT1 chromium halides

CHROMIUM COMPLEXES

*BT1 transition element complexes

CHROMIUM COMPOUNDS

1996-07-15

BT1 transition element compounds
 NT1 chromates
 NT1 chromic acid
 NT1 chromites
 NT1 chromium borides
 NT1 chromium carbides
 NT1 chromium halides
 NT2 chromium bromides
 NT2 chromium chlorides
 NT2 chromium fluorides
 NT2 chromium iodides
 NT1 chromium hydrides
 NT1 chromium hydroxides
 NT1 chromium nitrates
 NT1 chromium nitrides
 NT1 chromium oxides
 NT1 chromium perchlorates
 NT1 chromium phosphates
 NT1 chromium selenides
 NT1 chromium silicates
 NT1 chromium silicides
 NT1 chromium sulfates
 NT1 chromium sulfides
 NT1 chromium tellurides
 NT1 dichromates

CHROMIUM FLUORIDES

*BT1 chromium halides
 *BT1 fluorides

CHROMIUM HALIDES

2012-07-19

*BT1 chromium compounds
 *BT1 halides
 NT1 chromium bromides
 NT1 chromium chlorides
 NT1 chromium fluorides
 NT1 chromium iodides

CHROMIUM HYDRIDES

1978-07-03

*BT1 chromium compounds
 *BT1 hydrides

CHROMIUM HYDROXIDES

- *BT1 chromium compounds
- *BT1 hydroxides

CHROMIUM IODIDES

- *BT1 chromium halides
- *BT1 iodides

CHROMIUM IONS

- *BT1 ions

CHROMIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 chromium 42
- NT1 chromium 43
- NT1 chromium 44
- NT1 chromium 45
- NT1 chromium 46
- NT1 chromium 47
- NT1 chromium 48
- NT1 chromium 49
- NT1 chromium 50
- NT1 chromium 51
- NT1 chromium 52
- NT1 chromium 53
- NT1 chromium 54
- NT1 chromium 55
- NT1 chromium 56
- NT1 chromium 57
- NT1 chromium 58
- NT1 chromium 59
- NT1 chromium 60
- NT1 chromium 61
- NT1 chromium 62
- NT1 chromium 63
- NT1 chromium 64
- NT1 chromium 65
- NT1 chromium 66
- NT1 chromium 67
- NT1 chromium 68

CHROMIUM-MOLYBDENUM STEELS

1994-09-30

Steels containing Cr and Mo as main alloying elements; Cr content is higher than Mo content.

(Until November 1983 this was a valid descriptor. From November 1983 until September 1994 the concept was indexed to CHROMIUM ALLOYS, MOLYBDENUM ALLOYS and the most specific appropriate term from the STEELS hierarchy.)

- UF steel-15khg2sfmr
- UF steel-20khmf
- UF steel-2kh8v8m2k8
- UF steel-38kh5msfa
- UF steel-z10cdv7
- *BT1 chromium steels
- *BT1 molybdenum alloys
- NT1 chromium-nickel-molybdenum steels
- NT2 alloy-m-813
- NT2 steel-cr11ni10mo2ti-l
- NT2 steel-cr15ni15motib
- NT2 steel-cr16ni13monbv
- NT2 steel-cr16ni15mo3nb
- NT2 steel-cr16ni16monb
- NT2 steel-cr16ni8mo2
- NT3 stainless steel-16-8-2
- NT2 steel-cr16ni9mo2
- NT2 steel-cr17ni12mo3
- NT3 stainless steel-316
- NT2 steel-cr17ni12mo3-l
- NT3 stainless steel-316l
- NT3 stainless steel-zcnd17-13
- NT2 steel-cr17ni12monb
- NT2 steel-cr17ni13mo2ti
- NT2 steel-cr17ni13mo3ti
- NT2 steel-ni26cr15ti2movalb

NT3 alloy-a-286

CHROMIUM-NICKEL-MOLYBDENUM STEELS

INIS: 1996-11-13; ETDE: 1988-12-16

Cr-Ni steels containing Mo.

- UF steel-13cr6nimo
- UF steel-42kh2gsnm
- UF steel-cr13ni6mo-l
- UF steel-ehp699
- UF steel-kh14k9n6m5
- UF steel-kh15n20m2t2
- UF steel-kh17n5m3
- UF steel-ni17cr14moti-l
- *BT1 chromium-molybdenum steels
- *BT1 chromium-nickel steels
- NT1 alloy-m-813
- NT1 steel-cr11ni10mo2ti-l
- NT1 steel-cr15ni15motib
- NT1 steel-cr16ni13monbv
- NT1 steel-cr16ni15mo3nb
- NT1 steel-cr16ni16monb
- NT1 steel-cr16ni8mo2
- NT2 stainless steel-16-8-2
- NT1 steel-cr16ni9mo2
- NT1 steel-cr17ni12mo3
- NT2 stainless steel-316
- NT1 steel-cr17ni12mo3-l
- NT2 stainless steel-316l
- NT2 stainless steel-zcnd17-13
- NT1 steel-cr17ni12monb
- NT1 steel-cr17ni13mo2ti
- NT1 steel-cr17ni13mo3ti
- NT1 steel-ni26cr15ti2movalb
- NT2 alloy-a-286

CHROMIUM-NICKEL STEELS

1996-11-13

High alloy steels containing Cr and Ni as important alloying elements.

(Prior to November 1983 this descriptor included only steels in which the Cr content was higher than the Ni content.)

- UF stainless steel-330
- UF stainless steel-z2cn18-10n
- UF stainless steel-z3cmn18-8-6n
- UF stainless steel-z3cnd18-13
- UF stainless steel-z6cnd17-13b
- UF stainless steel-z6cndt17-13b
- UF stainless steel-z6cnt18-12b
- UF steel-000kh18n13
- UF steel-000kh20n16ag6
- UF steel-03kh11n10m2tk6
- UF steel-0kh19nt
- UF steel-18kh16n6
- UF steel-1kh16n14v2br ehp17
- UF steel-1kh16n4b
- UF steel-20kh2n2m
- UF steel-20khn3mf
- UF steel-2kh18n8v2
- UF steel-3kh15n13yu3
- UF steel-40kh13n8g8
- UF steel-4kh12n8g8mfb
- UF steel-4kh14nv2m
- UF steel-cr13mn8ni8
- UF steel-din-1-4449
- UF steel-kh14n8yum2
- UF steel-kh15n7yum2
- UF steel-kh15n9yu
- UF steel-kh18n8
- UF steel-ni36cr18
- *BT1 chromium alloys
- *BT1 nickel alloys
- *BT1 stainless steels
- NT1 alloy-d-9
- NT1 carpenter
- NT1 chromium-nickel-molybdenum steels
- NT2 alloy-m-813
- NT2 steel-cr11ni10mo2ti-l
- NT2 steel-cr15ni15motib

- NT2 steel-cr16ni13monbv
- NT2 steel-cr16ni15mo3nb
- NT2 steel-cr16ni16monb
- NT2 steel-cr16ni8mo2
- NT3 stainless steel-16-8-2
- NT2 steel-cr16ni9mo2
- NT2 steel-cr17ni12mo3
- NT3 stainless steel-316
- NT2 steel-cr17ni12mo3-l
- NT3 stainless steel-316l
- NT3 stainless steel-zcnd17-13
- NT2 steel-cr17ni12monb
- NT2 steel-cr17ni13mo2ti
- NT2 steel-cr17ni13mo3ti
- NT2 steel-ni26cr15ti2movalb
- NT3 alloy-a-286

- NT1 durco
- NT1 enduro
- NT1 stainless steel-17-7ph
- NT1 stainless steel-303
- NT1 stainless steel-329
- NT1 stainless steel-ph-15-7-mo
- NT1 steel-cr17ni13
- NT1 steel-cr17ni7
- NT2 stainless steel-301
- NT1 steel-cr18ni10
- NT2 stainless steel-18-10
- NT1 steel-cr18ni10-l
- NT1 steel-cr18ni10ti
- NT2 stainless steel-321
- NT1 steel-cr18ni11
- NT2 steel-x6crni1811
- NT1 steel-cr18ni11nb
- NT2 stainless steel-347
- NT1 steel-cr18ni11nbco
- NT2 stainless steel-348
- NT1 steel-cr18ni12
- NT2 stainless steel-305
- NT1 steel-cr18ni12ti
- NT1 steel-cr18ni8
- NT2 stainless steel-18-8
- NT1 steel-cr18ni9
- NT2 stainless steel-302
- NT1 steel-cr18ni9ti
- NT1 steel-cr19ni10
- NT2 stainless steel-304
- NT1 steel-cr19ni10-l
- NT2 stainless steel-304l
- NT1 steel-cr20ni11
- NT2 stainless steel-308
- NT1 steel-cr20ni11-l
- NT2 stainless steel-308l
- NT1 steel-cr23ni14
- NT2 stainless steel-309
- NT2 stainless steel-309s
- NT1 steel-cr23ni18
- NT1 steel-cr25ni20
- NT2 alloy-hk-40
- NT2 stainless steel-310
- NT1 steel-ni25cr20
- NT2 stainless steel-20-25
- NT1 steel-ni36cr12ti3al-l
- NT1 timken alloys
- RT nickel steels

CHROMIUM NITRATES

- *BT1 chromium compounds
- *BT1 nitrates

CHROMIUM NITRIDES

- *BT1 chromium compounds
- *BT1 nitrides

CHROMIUM ORES

- BT1 ores

CHROMIUM OXIDES

1996-07-15

- UF lanthanum chromites
- *BT1 chromium compounds

*BT1 oxides
 RT chromates
 RT chromic acid
 RT chromites
 RT dichromates

CHROMIUM PERCHLORATES

INIS: 1983-06-02; ETDE: 1977-04-12

*BT1 chromium compounds
 *BT1 perchlorates

CHROMIUM PHOSPHATES

*BT1 chromium compounds
 *BT1 phosphates

CHROMIUM SELENIDES

INIS: 1976-11-17; ETDE: 1976-08-24

*BT1 chromium compounds
 *BT1 selenides

CHROMIUM SILICATES

*BT1 chromium compounds
 *BT1 silicates

CHROMIUM SILICIDES

1982-04-14

*BT1 chromium compounds
 *BT1 silicides

CHROMIUM STEELS

1996-11-13

High alloy steels containing Cr as main alloying element.

UF crocar
 UF stainless steel-44ln
 UF steel-0kh21n5t
 UF steel-0kh22n5t
 UF steel-1kh12v2mf
 UF steel-40k14g18f
 UF steel-9khs
 UF steel-cr21ni5ti
 UF steel-cr22ni5ti
 UF steel-cr26ni5mo-l
 UF steel-kh13s2yu2bt
 UF steel-r18

*BT1 chromium alloys
 *BT1 stainless steels

NT1 chromium-molybdenum steels
 NT2 chromium-nickel-molybdenum steels

NT3 alloy-m-813
 NT3 steel-cr11ni10mo2ti-l
 NT3 steel-cr15ni15motib
 NT3 steel-cr16ni13monbv
 NT3 steel-cr16ni15mo3nb
 NT3 steel-cr16ni16monb
 NT3 steel-cr16ni8mo2
 NT4 stainless steel-16-8-2
 NT3 steel-cr16ni9mo2
 NT3 steel-cr17ni12mo3
 NT4 stainless steel-316
 NT3 steel-cr17ni12mo3-l
 NT4 stainless steel-316l
 NT4 stainless steel-zcnd17-13
 NT3 steel-cr17ni12monb
 NT3 steel-cr17ni13mo2ti
 NT3 steel-cr17ni13mo3ti
 NT3 steel-ni26cr15ti2mvalb
 NT4 alloy-a-286

NT1 magnet steel-ks

NT1 miduale

NT1 stainless steel-406

NT1 steel-cr10mo2

NT1 steel-cr12

NT2 stainless steel-403

NT1 steel-cr12moniv

NT1 steel-cr12mov

NT2 alloy-ht-9

NT1 steel-cr13

NT2 stainless steel-410

NT1 steel-cr13al

NT2 stainless steel-405
 NT1 steel-cr16
 NT2 stainless steel-430
 NT1 steel-cr16ni
 NT1 steel-cr17cu4ni4nb-l
 NT2 stainless steel-17-4ph
 NT1 steel-cr17mo
 NT2 stainless steel-440
 NT1 steel-cr17ni4mo3
 NT1 steel-cr18
 NT1 steel-cr25
 NT2 stainless steel-446
 NT1 steel-cr9mo
 NT1 steel-cr9monbv

CHROMIUM SULFATES

*BT1 chromium compounds
 *BT1 sulfates

CHROMIUM SULFIDES

*BT1 chromium compounds
 *BT1 sulfides

CHROMIUM TELLURIDES

INIS: 1978-11-24; ETDE: 1978-06-14

*BT1 chromium compounds
 *BT1 tellurides

chromizing

USE diffusion coating

chromodynamics

INIS: 2000-04-12; ETDE: 1977-11-28

USE quantum chromodynamics

chromone

INIS: 2000-04-12; ETDE: 1979-10-23

(Prior to September 1994, this was a valid ETDE descriptor.)

USE pyrones

CHROMOPHYCOTA

INIS: 1991-12-11; ETDE: 1988-12-20

*BT1 algae
 NT1 diatoms
 NT1 fucus
 NT1 laminaria

CHROMOSOMAL ABERRATIONS

1998-02-16

UF abnormalities (chromosomal)
 UF chromatid deletions
 UF chromosome aberrations
 UF chromosome exchanges
 UF chromosome fragments
 UF deletions (chromosomal)
 UF reciprocal translocations
 BT1 mutations
 NT1 chromosome breakage
 NT1 sister chromatid exchanges
 RT acrocentric chromosomes
 RT banding techniques
 RT biological indicators
 RT chromosomes
 RT dicentric chromosomes
 RT dna damages
 RT downs syndrome
 RT genetic control
 RT hereditary diseases
 RT heterochromosomes
 RT human chromosomes
 RT karyotype
 RT telomeres

chromosome aberrations

USE chromosomal aberrations

CHROMOSOME BREAKAGE

*BT1 chromosomal aberrations
 RT heterochromatin

chromosome exchanges

USE chromosomal aberrations

chromosome fragments

USE chromosomal aberrations

CHROMOSOME LOSSES

INIS: 1976-05-05; ETDE: 1976-06-07

BT1 losses
 RT chromosomes
 RT genetic radiation effects

CHROMOSOME SORTING

INIS: 1988-04-15; ETDE: 1987-04-24

The physical separation of a karyotype to provide large quantities of an individual chromosome.

BT1 cytological techniques
 RT cell flow systems
 RT chromosomes
 RT human chromosomes

CHROMOSOMES

1997-06-17

NT1 acrocentric chromosomes
 NT1 dicentric chromosomes
 NT1 heterochromosomes
 NT2 x chromosome
 NT3 human x chromosome
 NT2 y chromosome
 NT3 human y chromosome
 NT1 human chromosomes
 NT2 human chromosome 1
 NT2 human chromosome 12
 NT2 human chromosome 13
 NT2 human chromosome 14
 NT2 human chromosome 15
 NT2 human chromosome 16
 NT2 human chromosome 17
 NT2 human chromosome 18
 NT2 human chromosome 19
 NT2 human chromosome 2
 NT2 human chromosome 21
 NT2 human chromosome 22
 NT2 human chromosome 3
 NT2 human chromosome 5
 NT2 human chromosome 6
 NT2 human chromosome 7
 NT2 human chromosome 8
 NT2 human chromosome 9
 NT2 human x chromosome
 NT2 human y chromosome
 NT2 philadelphia chromosome
 NT1 ring chromosomes
 RT banding techniques
 RT cell nuclei
 RT centromeres
 RT chromatids
 RT chromatin
 RT chromosomal aberrations
 RT chromosome losses
 RT chromosome sorting
 RT contigs
 RT crossing-over
 RT dna
 RT dna repair
 RT gene operons
 RT gene regulation
 RT genes
 RT genetic effects
 RT genetic mapping
 RT in-situ hybridization
 RT karyotype
 RT mitosis
 RT nucleoli
 RT rflps
 RT telomeres

CHROMOSPHERE

*BT1 solar atmosphere

RT photosphere
 RT plagues
 RT solar flares
 RT sun

CHROMOTROPIC ACID

*BT1 hydroxy compounds
 *BT1 sulfonic acids
 RT dyes

chronic administration

USE chronic intake

CHRONIC EXPOSURE

INIS: 1985-12-10; ETDE: 1978-06-14

For chronic exposure to radiation use
 CHRONIC IRRADIATION.

NT1 chronic irradiation
 RT biological effects
 RT biological stress
 RT environmental exposure
 RT toxicity

CHRONIC INTAKE

UF chronic administration
 UF continuous intake
 UF long term intake
 BT1 intake
 RT chronic irradiation

CHRONIC IRRADIATION

UF continuous irradiation
 UF long term irradiation
 UF protracted irradiation
 BT1 chronic exposure
 BT1 irradiation
 RT chronic intake
 RT low dose irradiation
 RT radiation syndrome
 RT temporal dose distributions

chronic radiation effects

USE delayed radiation effects

CHRONOTRONS

1996-07-08

(Prior to August 1996 VERNIER
 CHRONOTRONS was a valid ETDE
 descriptor.)

UF vernier chronotrons
 *BT1 time interval analyzers

CHRYSENE

*BT1 polycyclic aromatic hydrocarbons

CHRYSOBERYL

INIS: 2000-04-12; ETDE: 1980-06-23

Beryllium aluminate.

*BT1 oxide minerals
 RT aluminium oxides
 RT beryllium oxides

chrysothamnus nauseosus

INIS: 2000-04-12; ETDE: 1982-03-11

USE shrubs

CHS TORSATRON

1991-02-11

National Institute for Fusion Science, Nagoya,
 Japan.

UF compact helical system torsatron
 *BT1 torsatron stellarators

chubu-1 reactor

USE hamaoka-1 reactor

chubu-2 reactor

USE hamaoka-2 reactor

chubu-3 reactor

USE hamaoka-3 reactor

chubu-4 reactor

1992-11-03

USE hamaoka-4 reactor

chubu-5 reactor

2000-01-31

USE hamaoka-5 reactor

chugoku electric power company reactor

1993-11-04

USE shimane-1 reactor

CHUKCHI SEA

INIS: 1997-08-20; ETDE: 1985-07-19

Part of Arctic Ocean north of Bering Strait
 between Asia and North America.

*BT1 arctic ocean
 RT alaska
 RT arctic regions
 RT siberia

chukotka reactor

USE bilibin reactor

CHYLOMICRONS

RT blood plasma
 RT lipids

CHYMOTRYPSIN

Code numbers 3.4.21.1 and 3.4.21.2.

*BT1 serine proteinases
 RT digestion
 RT pancreas

CIAE

INIS: 1992-08-05; ETDE: 1992-09-10

UF china institute of atomic energy

*BT1 chinese organizations
 RT china
 RT mnsr-ciae reactor

cigarettes

INIS: 2000-04-12; ETDE: 1980-01-15

SEE tobacco products

cii computers

1997-01-28

(Until October 1996 this was a valid
 descriptor.)

USE digital computers

CILIATA

INIS: 1993-07-13; ETDE: 1981-06-17

*BT1 protozoa
 NT1 paramecium
 NT1 tetrahymena

CIM MODEL

INIS: 1978-08-14; ETDE: 1978-04-27

Constituent interchange model shows
 importance of forces involving the interchange
 of constituents of hadrons and accounts for
 very strong binding force in color singlet
 states.

UF constituent interchange model
 *BT1 composite models
 RT exchange interactions
 RT hadrons
 RT quantum chromodynamics
 RT quark-hadron interactions
 RT strong interactions

cimarron plutonium plant

INIS: 1994-08-12; ETDE: 2002-06-13

USE cimarron plutonium production plant

CIMARRON PLUTONIUM**PRODUCTION PLANT**

1994-08-12

(Until August 1994 this descriptor in INIS was
 spelled CIMARRON PLUTONIUM PLANT.)

UF cimarron plutonium plant
 *BT1 fuel fabrication plants
 BT1 industrial plants
 RT cimarron uranium fuel plant

CIMARRON URANIUM FUEL PLANT

INIS: 1994-08-12; ETDE: 1975-11-28

(Until August 1994 this descriptor was spelled
 CIMARRON URANIUM PLANT.)

UF cimarron uranium plant
 *BT1 fuel fabrication plants
 BT1 industrial plants
 RT cimarron plutonium production plant

cimarron uranium plant

INIS: 1994-08-12; ETDE: 1976-05-17

(Until August 1994 this was a valid
 descriptor.)

USE cimarron uranium fuel plant

cinchonine

1996-07-18

See also ANTIMICROBIAL AGENTS and
 ANTIPYRETICS.

(Until July 1996 this was a valid descriptor.)
 USE alkaloids

CINDA

Computer Index of Nuclear Data.

BT1 information systems
 RT cross sections
 RT data
 RT neutrons
 RT nuclear data collections
 RT nuclear reactions

CINEMATOGRAPHY

INIS: 1986-01-21; ETDE: 1986-03-04

Motion picture photography.

BT1 photography

cinnabar

INIS: 2000-04-12; ETDE: 1977-03-08

HgS mineral.

(Prior to February 1995, this was a valid
 ETDE descriptor.)

USE sulfide minerals

CINNAMIC ACID

UF phenylacrylic acid-beta

*BT1 monocarboxylic acids

cir reactor

USE cirus reactor

circadian variations

USE daily variations

CIRCE DEVICES

1996-07-18

*BT1 magnetic mirrors

CIRCLE CLIFFS DEPOSIT

INIS: 2000-04-12; ETDE: 1983-07-07

*BT1 oil sand deposits
 RT oil sands
 RT utah

CIRCUIT BREAKERS

UF breakers (circuit)
 *BT1 electrical equipment
 BT1 equipment protection devices
 RT current limiters
 RT electric fuses
 RT electronic circuits
 RT insulating oils

RT lightning arresters
RT switches
RT switching circuits

CIRCUIT THEORY

RT electronic circuits
RT network analysis

circuits (electronic)

USE electronic circuits

circuits (magnetic)

USE magnetic circuits

CIRCULAR CONFIGURATION

BT1 configuration

circular point collectors

INIS: 1992-03-30; ETDE: 1978-10-25

USE parabolic dish collectors

circulating fluidized bed boilers

INIS: 2000-04-12; ETDE: 1993-01-20

USE circulating systems

USE fluidized bed boilers

circulating fluidized beds

INIS: 1993-02-18; ETDE: 2002-06-13

USE circulating systems

USE fluidized beds

CIRCULATING SYSTEMS

INIS: 1993-02-18; ETDE: 1979-11-07

Fluid systems in which the process fluid is taken from and pumped back into the system.

UF circulating fluidized bed boilers

UF circulating fluidized beds

NT1 self-pumping systems

RT coolant loops

RT pumping

RT pumps

RT thermosyphon effect

circulation (blood)

USE blood circulation

CIRENE REACTOR

Cirene, Latina, Italy. Construction cancelled in 1988.

*BT1 hwlwr type reactors

*BT1 pressure tube reactors

*BT1 thermal reactors

CIRUS REACTOR

Bhabha Atomic Research Centre, Trombay, Maharashtra, India. permanent shutdown since 2010.

UF canada-india reactor

UF cir reactor

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 test reactors

*BT1 thermal reactors

*BT1 training reactors

*BT1 water cooled reactors

CISE

UF centro informazioni studi esperienze

*BT1 italian organizations

cistrans

USE genes

cit synchrotron

1996-07-18

Caltech Synchrotron.

USE synchrotrons

cities

USE urban areas

CITRATE PROCESS

2000-04-12

Process for clean up of tail gas emissions from sulfur recovery plants, e.g. Claus Process plant.

*BT1 desulfurization

CITRATES

UF sodium citrates

BT1 carboxylic acid salts

RT citric acid esters

citrex process

INIS: 2000-04-12; ETDE: 1983-03-23

Flue gas desulfurization process licensed by Peabody.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

USE waste processing

CITRIC ACID

*BT1 hydroxy acids

CITRIC ACID ESTERS

*BT1 carboxylic acid esters

RT citrates

CITROVORUM FACTOR

UF folinic acid

UF leucovorin

RT folic acid

RT vitamin b group

CITRULLINE

UF ureidoaminovaleric acid

*BT1 amino acids

RT urea

CITRUS

*BT1 magnoliopsida

RT fruit trees

RT grapefruits

RT lemons

RT oranges

CIVAUX-1 REACTOR

2004-05-11

Electricite de France, Civaux, Vienne, France

*BT1 pwr type reactors

CIVAUX-2 REACTOR

2004-05-11

Electricite de France, Civaux, Vienne, France

*BT1 pwr type reactors

CIVEX PROCESS

INIS: 1978-11-24; ETDE: 1978-06-14

*BT1 reprocessing

RT fbr type reactors

RT nuclear materials diversion

RT plutonium recycle

RT solvent extraction

CIVIL DEFENSE

BT1 national defense

RT evacuation

RT human populations

RT local fallout

RT nuclear explosions

RT nuclear weapons

RT population relocation

RT radiation protection

RT safety

RT shelters

RT subsurface structures

CIVIL ENGINEERING

INIS: 1991-10-01; ETDE: 1982-08-11

BT1 engineering

CIVIL LIABILITY

BT1 liabilities

RT bcoclmcnm
RT bcolons
RT bcstpc
RT pcotpl
RT price-anderson act
RT solas convention
RT vcoclnd
RT workmens compensation

CLADDING

For the process only.

*BT1 surface coating

RT accident-tolerant nuclear fuels

RT canning

RT decladding

RT fuel cans

RT hard facing

RT plating

RT rolling

cladding-fuel interactions

USE fuel-cladding interactions

CLAISEN CONDENSATION

BT1 chemical reactions

RT esters

CLAMS

INIS: 1986-12-18; ETDE: 1981-06-17

*BT1 molluscs

CLARKEITE

*BT1 oxide minerals

*BT1 uranium minerals

RT potassium oxides

RT sodium oxides

RT uranium oxides

clasp device

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE stellarators

CLASSICAL MECHANICS

UF newton mechanics

BT1 mechanics

RT hamiltonian function

CLASSIFICATION

INIS: 1999-02-12; ETDE: 1976-04-19

NT1 standard industrial classification

RT particle size classifiers

RT sorting

CLASSIFIED INFORMATION

INIS: 1991-12-11; ETDE: 1980-04-14

BT1 information

RT cyber attacks

RT declassification

RT national security

RT secrecy protection

RT security

CLATHRATES

UF inclusion complexes

UF intercalates

UF occlusion complexes

RT adducts

RT crystals

RT matrix isolation

RT organic compounds

RT rare gases

CLAUS PROCESS

2000-04-12

A process for recovery of elemental sulfur from hydrogen sulfide gas. Oxygen reacts with the hydrogen sulfide to produce dry sulfur and steam.

*BT1 desulfurization

RT ucap process

claviceps

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE eumycota
USE parasites

CLAYS

*BT1 silicate minerals
NT1 attapulgite
NT1 bentonite
NT1 boom clay
NT1 clinoptilolite
NT1 fullers earth
NT1 illite
NT1 kaolin
NT1 montmorillonite
NT1 opalinus clay
NT1 sepiolite
NT1 smectite
RT adobe
RT alluvial deposits
RT ceramics
RT decontamination
RT ground water
RT loam
RT marlstone
RT radionuclide migration
RT sand
RT shales
RT soils

CLEAN AIR ACTS

INIS: 1994-01-24; ETDE: 1993-08-10

(Prior to November 1991 this concept in ETDE was indexed to CLEAN AIR ACT.

From November 1991 to August 1993 this concept in ETDE was indexed to US CLEAN AIR ACT.)

UF us clean air act
*BT1 pollution laws
RT air pollution
RT air quality
RT environment
RT environmental policy
RT pollution regulations

CLEAN COKE PROCESS

INIS: 2000-04-12; ETDE: 1976-03-11

Process that combines carbonization and hydrogenation reactions to convert nonmetallurgical-grade coal to low-sulfur metallurgical coke, chemical feedstocks, and liquid and gaseous fuels. Carbonization is carried out at 650 to 760 degrees C with a fluidizing gas containing 33% hydrogen.

RT carbonization
RT coal liquefaction
RT coking
RT hydrogenation

clean fuel from coal process

INIS: 2000-04-12; ETDE: 1976-08-24

USE cffc process

CLEAN ROOMS

INIS: 1983-02-03; ETDE: 1979-08-07

RT contamination
RT controlled atmospheres
RT remote handling

CLEAN WATER ACTS

INIS: 1994-01-24; ETDE: 1993-08-10

(Prior to April 1980 this concept in ETDE was indexed to FEDERAL WATER POLLUTION CONTROL ACT. from April 1980 to December 1991 this was a valid ETDE descriptor. From December 1991 to August 1993 this concept in ETDE was indexed to US CLEAN WATER ACT.)

UF federal water pollution control act

UF fwpca
UF us clean water act
UF us water pollution control act
*BT1 pollution laws
RT environment
RT environmental policy
RT pollution regulations
RT water pollution
RT water quality

cleanair process

2000-04-12

Process for recovery of 99.9% of S from Claus plant tail gas, leaving no more than 200 ppm sulfur dioxide equivalent in the effluent.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

CLEANING

NT1 air cleaning
NT1 decontamination
NT1 surface cleaning
NT1 washing
RT coal preparation
RT coolant cleanup systems
RT deashing
RT decarbonization
RT detergents
RT dishwashers
RT electropolishing
RT heavy media separation
RT purification
RT scrubbing
RT stains

CLEARANCE

NT1 blood-plasma clearance
NT1 excretion
NT2 exhalation
NT2 lung clearance
NT2 renal clearance
RT nuclear medicine

clearance (renal)

2000-04-12

USE renal clearance

CLEAVAGE

BT1 microstructure
RT crystal growth
RT crystallization

CLEBSCH-GORDAN COEFFICIENTS

UF 3j-symbols
RT angular momentum
RT group theory
RT racah coefficients
RT wigner coefficients

CLEMENTINE REACTOR

LASL, Los Alamos, New Mexico, USA. Shut down in 1953.

*BT1 fast reactors
*BT1 mercury cooled reactors
*BT1 plutonium reactors
*BT1 research reactors

CLEO STELLARATOR

*BT1 stellarators
RT proto-cleo stellarators

clerical personnel

INIS: 2000-04-12; ETDE: 1980-08-25

(Prior to April 1994, this was a valid ETDE descriptor.)

USE personnel

CLEVELAND

2000-04-12

*BT1 ohio
BT1 urban areas

clic

2015-10-02

USE compact linear collider

CLIFFORD ALGEBRA

RT group theory
RT spinors

climate feedback

2013-12-13

USE climatic change
USE feedback

CLIMATE MODELS

INIS: 1991-12-18; ETDE: 1986-01-24

BT1 mathematical models
RT ambient temperature
RT atmospheric circulation
RT box models
RT climates
RT general circulation models
RT meteorology
RT paleoclimatology
RT seasonal variations

CLIMATES

NT1 microclimates
RT antarctic regions
RT arctic regions
RT atmospheric circulation
RT atmospheric precipitations
RT boreal regions
RT climate models
RT degree days
RT deserts
RT droughts
RT little ice age
RT meteorology
RT nuclear winter
RT outdoors
RT paleoclimatology
RT phenology
RT seasons
RT temperate zones
RT tropical regions
RT tundra
RT weather
RT wind
RT wmo

CLIMATIC CHANGE

INIS: 1999-05-05; ETDE: 1991-10-28

UF climate feedback
UF global climate change
NT1 greenhouse effect
RT acid rain
RT ambient temperature
RT emissions tax
RT emissions trading
RT environmental protection
RT kyoto protocol
RT ozone layer
RT paleoclimatology
RT paris agreement
RT rio declaration
RT unfccc

CLINCH RIVER

1997-06-19

*BT1 rivers
RT tennessee
RT tennessee valley region

CLINCH RIVER BREEDER REACTOR

Project Management Corp./US DOE/TVA, Oak Ridge, Tennessee, USA. Canceled in 1983 after site preparation but before construction began.

UF crbr reactor
*BT1 lmfr type reactors

*BT1 power reactors
 *BT1 sodium cooled reactors
 RT enriched uranium reactors
 RT plutonium reactors

CLINICAL TRIALS

2002-08-01

BT1 testing
 RT diagnostic uses
 RT drugs

CLINOPTILOLITE

A zeolite mineral.

*BT1 clays
 *BT1 zeolites

CLINTON-1 REACTOR

AmerGen Energy Co., LLC, Clinton, Illinois, USA.

*BT1 bwr type reactors

CLINTON-2 REACTOR

Illinois Power Co., Clinton, Illinois, USA.

Canceled in 1983 before construction began.

*BT1 bwr type reactors

clinton p. anderson meson physics facility

2000-04-12

USE lampf linac

clipping circuits

USE pulse shapers

CLONE CELLS

BT1 cell cultures
 RT animal cells
 RT cloning
 RT hela cells
 RT in vitro
 RT l cells
 RT monoclonal antibodies
 RT plant cells
 RT plaque formation

CLONING

INIS: 1977-10-17; ETDE: 1977-11-10

NT1 dna-cloning
 NT1 vegetative propagation
 RT cell cultures
 RT cell proliferation
 RT clone cells
 RT colony formation

close-in fallout

USE local fallout

CLOSED CONFIGURATIONS

1996-01-24

UF magnetic traps (closed)
 BT1 magnetic field configurations
 NT1 minimum average-b configurations
 NT1 multipolar configurations
 NT2 hexapolar configurations
 NT2 octupolar configurations
 NT2 quadrupolar configurations
 NT1 toroidal configuration
 RT closed plasma devices

CLOSED-CYCLE COOLING SYSTEMS

1977-09-06

UF dry-type cooling towers
 *BT1 cooling systems
 RT closed-cycle systems
 RT coolant loops
 RT cooling towers
 RT reactor cooling systems

CLOSED-CYCLE MHD GENERATORS

*BT1 mhd generators

NT1 liquid-metal mhd generators
 RT open-cycle mhd generators

CLOSED-CYCLE SYSTEMS

INIS: 1999-05-05; ETDE: 1975-12-16

RT closed-cycle cooling systems

CLOSED FUEL CYCLE

2018-03-05

Nuclear fuel cycle with reprocessed or partly reused spent fuel.

BT1 fuel cycle
 NT1 plutonium recycle
 NT1 uranium recycle
 RT away-from-reactor storage
 RT open fuel cycle
 RT reprocessing
 RT spent fuels

CLOSED-LOOP CONTROL

INIS: 1976-09-06; ETDE: 1976-11-01

With feedback.

BT1 control
 RT feedback

CLOSED PLASMA DEVICES

BT1 thermonuclear devices
 NT1 astron
 NT1 blascon devices
 NT1 compact torus
 NT2 field-reversed theta pinch devices
 NT2 rotamak devices
 NT1 heliotron
 NT1 internal ring devices
 NT2 fm devices
 NT2 levitron devices
 NT2 lm devices
 NT2 spherator
 NT2 tokapole devices
 NT2 tornado devices
 NT1 lhd device
 NT1 stellarators
 NT2 cleo stellarator
 NT2 heliac stellarators
 NT3 h-1 heliac
 NT3 hsx stellarator
 NT3 sheila heliac
 NT3 tj-ii heliac
 NT2 heliotron-e stellarator
 NT2 ims stellarator
 NT2 jipp stellarator
 NT2 jippt-2 device
 NT2 l-2 stellarator
 NT2 proto-cleo stellarators
 NT2 sirius device
 NT2 stellarator model c
 NT2 torsatron stellarators
 NT3 atf torsatron
 NT3 chs torsatron
 NT3 tj-iiu torsatron
 NT3 vint torsatron
 NT2 uragan stellarator
 NT2 wega stellarator
 NT2 wendelstein-2b stellarator
 NT2 wendelstein-7 stellarator
 NT1 tokamak devices
 NT2 act devices
 NT2 aditya tokamak
 NT2 alcator device
 NT2 asdex tokamak
 NT2 atc devices
 NT2 castor tokamak
 NT2 columbia high-beta tokamak
 NT2 compact ignition tokamak
 NT2 compass-d tokamak
 NT2 continuous current tokamak
 NT2 ct-6b tokamak
 NT2 dante tokamak
 NT2 dite tokamak
 NT2 doublet-2 device

NT2 doublet-3 device
 NT2 etf tokamak
 NT2 ft tokamak
 NT2 hl-1 tokamak
 NT2 hl-1m tokamak
 NT2 hl-2 tokamak
 NT2 hl-2a tokamak
 NT2 ht-2 tokamak
 NT2 ht-6b tokamak
 NT2 ht-6m tokamak
 NT2 ht-7 tokamak
 NT2 ht-7u tokamak
 NT2 hybtok tokamaks
 NT2 ignition spherical torus
 NT2 intor tokamak
 NT2 isttok tokamak
 NT2 isx tokamak
 NT2 iter tokamak
 NT2 jet tokamak
 NT2 jft-2 tokamak
 NT2 jft-2a tokamak
 NT2 jft-2m tokamak
 NT2 jippt-2 device
 NT2 jt-60 tokamak
 NT2 jt-60u tokamak
 NT2 jxfr tokamak
 NT2 kt-2 tokamak
 NT2 lt-3 tokamak
 NT2 lt-4 tokamak
 NT2 mt-1 tokamak
 NT2 mtx tokamak
 NT2 net tokamak
 NT2 ormak devices
 NT2 pbx devices
 NT2 pdx devices
 NT2 petula tokamak
 NT2 phaedrus-t tokamak
 NT2 plt devices
 NT2 pulsator devices
 NT2 rtp tokamak
 NT2 sinp tokamak
 NT2 spheromak devices
 NT3 cdx-u spheromak
 NT3 ctx spheromak
 NT3 globus-m spheromak
 NT3 mast tokamak
 NT3 nstx device
 NT3 sspix device
 NT3 sunist spheromak
 NT3 ts-3 device
 NT2 st tokamak
 NT2 starfire tokamak
 NT2 start tokamak
 NT2 stor-m tokamak
 NT2 stx devices
 NT2 surmac tokamak
 NT2 t-10 tokamak
 NT2 t-14 tokamak
 NT2 t-15 tokamak
 NT2 t-7 tokamak
 NT2 tbr tokamak
 NT2 tca tokamak
 NT2 tcabr tokamak
 NT2 tcv tokamak
 NT2 text devices
 NT2 textor tokamak
 NT2 tfr tokamak
 NT2 tftr tokamak
 NT2 tiber-x tokamak
 NT2 tj-1 tokamak
 NT2 tnt-a tokamak
 NT2 tokapole devices
 NT2 tokoloshe tokamak
 NT2 tore supra tokamak
 NT2 tormac devices
 NT2 tortus tokamak
 NT2 torus-ii tokamak
 NT2 tosca tokamak
 NT2 tpx device

NT2 triam-1 tokamak
NT2 tuman devices
NT2 two-component torus
NT2 uwmak devices
NT2 varennes tokamak
NT2 versator tokamak
NT2 wt-3 tokamak
NT1 toroidal pinch devices
NT2 reversed-field pinch devices
NT3 artemis device
NT3 extrap-t2 device
NT3 hbtX devices
NT3 mst device
NT3 rfx device
NT3 tpe-1rm15 device
NT3 tpe-rx device
NT3 zt-40 devices
NT3 zt-p devices
NT2 tlp devices
NT3 zeta devices
NT2 toroidal screw pinch devices
NT3 stp-3m device
NT3 tpe-2 device
NT2 toroidal theta pinch devices
NT3 scyllac devices
RT aspect ratio
RT closed configurations
RT trapped-particle instability

CLOSTRIDIUM

1997-06-17

***BT1** bacteria
NT1 clostridium acetobutylicum
NT1 clostridium botulinum
NT1 clostridium butyricum
NT1 clostridium perfringens
NT1 clostridium thermocellum
NT1 clostridium thermosaccharolyticum
RT proteolysis
RT toxins

CLOSTRIDIUM ACETOBUTYLICUM

INIS: 1985-09-09; ETDE: 1981-07-18

***BT1** clostridium
***BT1** methanogenic bacteria

CLOSTRIDIUM BOTULINUM

***BT1** clostridium

CLOSTRIDIUM BUTYRICUM

INIS: 1985-09-09; ETDE: 1981-07-18

***BT1** clostridium

CLOSTRIDIUM PERFRINGENS

UF *clostridium welchii*
***BT1** clostridium

CLOSTRIDIUM THERMOCELLUM

INIS: 2000-04-12; ETDE: 1979-10-23

***BT1** clostridium
RT enzymatic hydrolysis
RT fermentation

CLOSTRIDIUM

THERMOSACCHAROLYTICUM

INIS: 2000-04-12; ETDE: 1981-07-18

***BT1** clostridium

clostridium welchii

USE clostridium perfringens

CLOSURES

UF plugs
RT joints
RT seals
RT valves

CLOTHES DRYERS

INIS: 1993-07-29; ETDE: 1977-06-21

BT1 dryers
***BT1** electric appliances
RT clothes washers

RT clothing
RT gas appliances

CLOTHES WASHERS

INIS: 1993-07-29; ETDE: 1977-06-21

UF washers, clothes
***BT1** electric appliances
RT clothes dryers
RT clothing
RT washing

CLOTHING

UF laundries
UF shoes
NT1 protective clothing
NT2 gloves
RT clothes dryers
RT clothes washers
RT consumer products
RT textiles

CLOUD CHAMBERS

***BT1** gas track detectors
NT1 diffusion chambers
NT1 expansion chambers

CLOUD COVER

1992-03-25

UF cloudiness (meteorology)
RT clouds
RT meteorology
RT sky
RT storms

cloudiness (meteorology)

1992-03-25

USE cloud cover

CLOUDS

Limited to clouds in the earth atmosphere; for interstellar clouds see COSMIC DUST or COSMIC GASES.

NT1 noctilucent clouds
NT1 radioactive clouds
RT atmospheric precipitations
RT cloud cover
RT meteorology
RT sky
RT storms
RT water
RT weather

CLOUDY CRYSTAL BALL MODEL

***BT1** nuclear models
RT optical models

CLOVER

***BT1** leguminosae
RT forage

CLUFF LAKE MINE

INIS: 1981-02-27; ETDE: 1981-03-13

***BT1** uranium mines
RT saskatchewan

CLUSTER ANALYSIS

2017-04-21

***BT1** data analysis
RT algorithms
RT pattern recognition

CLUSTER BEAM INJECTION

BT1 beam injection
RT cluster beams

CLUSTER BEAMS

INIS: 1976-03-25; ETDE: 1976-08-24

BT1 beams
RT atomic clusters
RT cluster beam injection
RT molecular clusters

CLUSTER EMISSION MODEL

INIS: 1976-02-11; ETDE: 1975-10-01

A particle interaction model describing the emission of clusters having the potential to transfer charge from one center of mass hemisphere to the other, depending upon the rapidities of the clusters.

UF cluster model (particle)
UF hadronic clusters
***BT1** multiperipheral model
NT1 space-time model
RT charge-exchange interactions
RT fireball model
RT multiple production
RT pionization

CLUSTER EXPANSION

A virial expansion in which the virial coefficients (of inverse powers of the volume of the gas in question) are obtained from integrals, over positions of a small number of molecules, of functions involving intermolecular potentials.

BT1 series expansion
RT differential equations

CLUSTER MODEL

UF alpha particle model
UF cluster model (nuclear)
***BT1** nuclear models
RT quartet model
RT vibron model

cluster model (nuclear)

INIS: 1976-02-11; ETDE: 2002-06-13

USE cluster model

cluster model (particle)

INIS: 1976-02-11; ETDE: 2002-06-13

USE cluster emission model

clusters (fuel elements)

USE fuel element clusters

clusters (galaxy)

USE galaxy clusters

clusters (ion)

USE ion pairs

clusters (solid)

USE solid clusters

clusters (star)

USE star clusters

cmb radiation

2003-05-30

USE relict radiation

cmea

ETDE: 1979-05-03

USE comecon

CML REACTOR

Battelle Pacific Northwest Laboratories, Richland, Washington, USA. Shut down in 1988.

UF critical mass laboratory pnl
UF pnl-cml reactor
***BT1** zero power reactors

cmni

INIS: 1996-10-22; ETDE: 1981-09-22

5-chloro-1-methyl-4-nitroimidazole. (Until October 1996 this was a valid descriptor.)

USE imidazoles

CMOS CIRCUITS

2018-02-07

Complementary Metal Oxide Semiconductor Circuits.

*BT1 integrated circuits
RT mosfet

CMPO

1993-06-10

Octyl(phenyl)-N, N-diisobutylcarbamoylmethylphosphine oxide.

*BT1 organic phosphorus compounds
*BT1 phosphine oxides
RT solvent extraction
RT trux process

CMRR REACTOR

2018-06-04

Mianyang, Sichuan Province, China.

UF china mianyang research reactor
*BT1 pool type reactors
*BT1 research reactors

CMS DETECTOR

2015-10-27

UF cms experiment
*BT1 radiation detectors
RT cern
RT cern lhc

cms experiment

2015-10-27

USE cms detector

cn method

INIS: 1984-04-04; ETDE: 1984-05-10

USE spherical harmonics

cna reactor

SEE atucha-1 reactor
SEE atucha-2 reactor

cnea (argentina)

INIS: 1993-10-01; ETDE: 1993-11-08

USE argentine cnea

cnea (paraguay)

2005-07-06

USE paraguay cnea

CNEN

Name changed to Comitato Nazionale per la Ricerca e lo Sviluppo dell'Energia Nucleare e delle Energie Alternative in April 1982, and more recent material should be indexed to ITALIAN ENEA.

UF comitato nazionale per l'energia nucleare
*BT1 italian enea

cnen brazil

INIS: 1982-08-27; ETDE: 1982-09-10

USE brazilian cnen

CNG PROCESS

INIS: 2000-04-12; ETDE: 1983-03-23

Proprietary process for removing hydrogen sulfide, carbon dioxide, sulfur compounds, and trace elements from fuel gas.

*BT1 desulfurization
BT1 separation processes
RT coal gasification

CNIDARIA

*BT1 coelenterata
NT1 corals
NT1 hydra

CNO CYCLE

INIS: 1978-09-28; ETDE: 1978-10-19

Astrophysical processes only.
UF bethe-weizsaecker cycle

UF carbon-nitrogen-oxygen cycle

BT1 star burning
RT main sequence stars
RT nucleosynthesis
RT star evolution
RT star models

CNRS SOLAR FACILITY

INIS: 2000-04-12; ETDE: 1982-02-08

The Solar Furnace Facility at the National Center for Scientific Research (CNRS) at Odeillo, France.

BT1 test facilities
RT france
RT solar furnaces

cns depressants

INIS: 1984-05-28; ETDE: 2002-06-13

USE central nervous system depressants

cns stimulants

INIS: 1984-05-24; ETDE: 1981-04-20

USE analeptics

co-generation

INIS: 1982-12-03; ETDE: 1977-01-28

(Prior to November 1980 this was a valid ETDE descriptor.)

USE cogeneration

co2 flooding

INIS: 1992-01-15; ETDE: 1978-08-08

USE carbon dioxide injection

COAGULANTS

INIS: 1984-05-24; ETDE: 1981-04-20

(From April 1981 to March 1997 HEMOSTATICS and HEPARIN ANTAGONISTS were valid ETDE descriptors.)

UF hemostatics
UF heparin antagonists
*BT1 hematologic agents
NT1 protamines
RT anticoagulants
RT blood substitutes
RT fibrinolytic agents
RT hematinics

coagulation (blood)

USE blood coagulation

coagulation (colloid)

USE flocculation

COAL

1997-06-19

UF coal-oil mixtures
SF recco process
*BT1 carbonaceous materials
*BT1 fossil fuels
NT1 black coal
NT2 anthracite
NT2 bituminous coal
NT1 brown coal
NT2 lignite
NT1 coal fines
NT1 high-sulfur coal
NT1 low-sulfur coal
NT1 sapropelic coal
NT2 boghead coal
NT3 torbanite
NT2 cannel coal
NT1 subbituminous coal
RT ash content
RT chars
RT coal deposits
RT coal extracts
RT coal-fired mhd generators
RT coal gas
RT coal gasification

RT coal liquefaction
RT coal pastes
RT coal rank
RT coal reserves
RT coalification
RT coke
RT coking
RT culm
RT fluidized-bed combustion
RT fluidized-bed combustors
RT gasification
RT lithotypes
RT macerals
RT national coal model
RT peat
RT slurry pipelines
RT solid fuels
RT solvent-refined coal
RT soot
RT stokers
RT volatile matter

COAL BURNING APPLIANCES

INIS: 1993-01-22; ETDE: 1982-03-29

UF stoves (coal burning)
*BT1 appliances
RT stoves

coal chars

INIS: 1984-04-04; ETDE: 2002-06-13

USE chars

coal chemicals

INIS: 2000-04-12; ETDE: 1979-09-27

SEE coal extracts
SEE petrochemicals

COAL DEPOSITS

1991-10-01

UF coalbed methane
BT1 geologic deposits
*BT1 mineral resources
NT1 coal seams
RT coal
RT coal producing districts
RT coal reserves
RT geophysical surveys
RT illinois basin
RT powder river basin

coal-derived gases

INIS: 2000-04-12; ETDE: 1993-10-07

USE coal gas

coal-derived liquids

INIS: 1993-06-01; ETDE: 1976-12-16

USE coal liquids

COAL EXTRACTS

2000-04-12

SF coal chemicals
RT coal

COAL FINES

1992-04-02

*BT1 coal
RT briquets
RT pulverized fuels

COAL-FIRED GAS TURBINES

INIS: 1992-03-10; ETDE: 1980-03-04

(Prior to February 1980 GAS TURBINES was used for this concept in ETDE.)

*BT1 gas turbines
RT coal gasification
RT combined-cycle power plants
RT fossil-fuel power plants
RT gas turbine engines
RT gas turbine power plants

COAL-FIRED MHD GENERATORS

1993-03-10

*BT1 mhd generators
 NT1 mhd generator cdf
 NT1 mhd generator cff
 NT1 mhd generator etf
 NT1 mhd generator utsi
 RT coal
 RT seed-slag interactions
 RT spent seed

COAL FUEL CELLS

1992-05-20

*BT1 fuel cells

COAL GAS

1991-10-02

UF coal-derived gases
 UF coke-oven gas
 *BT1 gases
 BT1 pyrolysis products
 RT coal
 RT fuel gas
 RT town gas

COAL GASIFICATION

1997-06-17

UF atgas process
 UF avg process
 UF bcr process
 UF bubag-didier process
 UF carbon dioxide acceptor process
 UF conoco gasification process
 UF csiro process
 UF fw-stoic process
 UF hoffman process
 UF hyflex process
 UF lichtenberg process
 UF liquid phase methanation process
 UF mcdowell-wellman process
 UF merc process
 UF migas process
 UF panindco process
 UF patgas process
 UF riley-morgan process
 UF rockgas process
 UF rombach process
 UF schmalfeldt-wintershall process
 UF selox process
 UF simplex process
 UF stone and webster coal solution gasification process
 UF stone and webster gasification process
 UF tri-gas process
 UF wilputte process
 UF zhuravlev process
 SF cs-sr process
 SF fischer-tropsch/mobil process
 SF thyssen-galocsy process
 *BT1 gasification
 NT1 agglomerating ash process
 NT1 arc coal process
 NT1 babcock and wilcox-dupont process
 NT1 beacon process
 NT1 bgc-lurgi slagging process
 NT1 bi-gas process
 NT1 ce entrained fuel process
 NT1 coalcon process
 NT1 cogas process
 NT1 combined-cycle fw process
 NT1 consol synthetic gas process
 NT1 cs-r process
 NT1 dow gasification process
 NT1 exxon gasification process
 NT1 flash hydrolysis process
 NT1 gegas process
 NT1 gkt process
 NT1 htw process
 NT1 humboldt gasification process

NT1 hydrane process
 NT1 hygas process
 NT1 i g process
 NT1 kbw gasification process
 NT1 kellogg process
 NT1 kilngas process
 NT1 klochner-iron bath coal gasification process
 NT1 koppers process
 NT1 koppers-totzek process
 NT1 krw gasification process
 NT1 lurgi cfb gasification process
 NT1 lurgi process
 NT1 lurgi slagging process
 NT1 molten iron puregas process
 NT1 molten salt coal gasification process
 NT1 moving-burden process
 NT1 occidental flash pyrolysis process
 NT1 otto rummel slag bath process
 NT1 peatgas process
 NT1 prenflo process
 NT1 ruhr 100 gasification process
 NT1 saarberg-otto gasification process
 NT1 seacoal process
 NT1 shell-koppers gasification process
 NT1 synthane process
 NT1 texaco gasification process
 NT1 toscodyne process
 NT1 toscocal process
 NT1 u-gas process
 NT1 wellman-galusha process
 NT1 wellman-incandescent process
 NT1 westinghouse gasification process
 NT1 woodall-duckham process
 RT cng process
 RT coal
 RT coal-fired gas turbines
 RT coal gasification plants
 RT fluidized bed refuse gasification
 RT gasoline plants
 RT hot gas cleanup
 RT in-situ gasification
 RT methanol plants
 RT shift processes
 RT sng processes
 RT synthetic fuels
 RT thunderbird project

COAL GASIFICATION PLANTS

INIS: 1991-10-02; ETDE: 1975-11-26

BT1 industrial plants
 RT coal gasification

COAL INDUSTRY

1991-10-02

BT1 industry
 RT mineral industry

COAL LIQUEFACTION

1982-12-03

UF adl process
 UF arthur d little coal liquefaction process
 UF ce lummus cfc process
 UF chevron coal liquefaction process
 UF coil process
 UF consol synthetic fuel process
 UF csf process
 UF friambient process
 UF lcfc process
 UF lummus clean fuel firm coal process
 UF pott-broche process
 UF riser cracking
 UF uhde-pfirrmann process
 UF zinc halide process
 SF cresap process
 SF cs-sr process
 SF fischer-tropsch/mobil process
 *BT1 liquefaction
 NT1 bcl process

NT1 bergius process
 NT1 catalytic hydrosolvation process
 NT1 cfc process
 NT1 coed process
 NT1 costeam process
 NT1 dow liquefaction process
 NT1 exxon liquefaction process
 NT1 flash hydrolysis process
 NT1 h-coal process
 NT1 liquid phase methanol process
 NT1 occidental flash pyrolysis process
 NT1 pamco process
 NT1 pyrosol process
 NT1 sasol-ii process
 NT1 sasol process
 NT1 src-ii process
 NT1 synthoil process
 NT1 synthol process
 NT1 tsl process
 RT clean coke process
 RT coal
 RT coal liquefaction plants
 RT coal liquids
 RT supercritical gas extraction
 RT synthetic fuels

COAL LIQUEFACTION PLANTS

INIS: 1994-07-01; ETDE: 1976-02-19

BT1 industrial plants
 RT coal liquefaction

COAL LIQUIDS

INIS: 1993-06-01; ETDE: 1976-02-19

(Until June 1993, this concept was indexed by HYDROCARBONS.)

UF coal-derived liquids
 *BT1 liquids
 RT coal liquefaction
 RT lc-fining
 RT liquid fuels
 RT pyrolytic oils
 RT supercritical gas extraction
 RT synthetic petroleum

COAL MINERS

INIS: 1992-05-08; ETDE: 1976-03-11

*BT1 miners

COAL MINES

1991-08-09

UF collieries
 UF mine-mouth generating plants
 *BT1 mines
 RT abandoned shafts
 RT backfilling
 RT coal mining
 RT heading machines
 RT mine draining
 RT rock dusting

COAL MINING

1991-08-09

BT1 mining
 RT acid mine drainage
 RT advance mining
 RT belt conveyors
 RT coal mines
 RT coal producing districts
 RT cutter loaders
 RT cutting machines
 RT longwall mining
 RT mining engineering
 RT retreat mining
 RT room and pillar mining
 RT shearers loaders
 RT shortwall mining
 RT slice mining
 RT surface mining
 RT underground mining
 RT us osm

coal-oil mixtures

INIS: 2000-04-12; ETDE: 1980-12-08

- USE coal
- USE fuel oils
- USE fuel slurries

COAL PASTES

2000-04-12

- RT coal

coal planers

INIS: 2000-04-12; ETDE: 1979-06-06

- USE coal plows

coal ploughs

INIS: 2000-04-12; ETDE: 1979-06-06

- USE coal plows

COAL PLOWS

INIS: 2000-04-12; ETDE: 1979-06-06

- UF coal planers
- UF coal ploughs
- UF plows (coal)
- *BT1 cutter loaders

COAL PREPARATION

INIS: 1999-05-06; ETDE: 1975-08-19

Grinding, screening, powdering, cleaning, etc., to prepare coal for industrial uses.

- UF convertol process
- SF syracuse chemical comminution process
- NT1 licado process
- RT cleaning
- RT coal preparation plants
- RT comminution
- RT crushing
- RT drying
- RT flotation
- RT heavy media separation
- RT jpl process
- RT rhodococcus
- RT trw process
- RT us clean coal technology program
- RT washing
- RT water removal

COAL PREPARATION PLANTS

INIS: 1997-06-19; ETDE: 1976-06-07

- SF solvent-refining coal plants
- BT1 industrial plants
- RT coal preparation
- RT solvent-refined coal

COAL PRODUCING DISTRICTS

INIS: 1992-04-08; ETDE: 1979-09-27

- RT coal deposits
- RT coal mining

COAL RANK

1991-10-02

The degree of metamorphosis that the original plant debris has undergone during the geological ages since it was deposited.

- RT coal
- RT coalification

COAL RESERVES

1991-10-02

- *BT1 reserves
- RT coal
- RT coal deposits

COAL SEAMS

INIS: 1991-10-01; ETDE: 1978-05-03

- *BT1 coal deposits
- RT geologic strata
- RT inclined strata
- RT water influx

COAL TAR

- *BT1 bitumens

- RT bituminous materials
- RT coal tar acids
- RT coal tar bases
- RT coal tar oils
- RT creosote

COAL TAR ACIDS

INIS: 2000-04-12; ETDE: 1976-04-19

- *BT1 organic acids
- RT coal tar
- RT coal tar oils

COAL TAR BASES

INIS: 2000-04-12; ETDE: 1976-04-19

- BT1 bases
- BT1 organic compounds
- RT coal tar
- RT coal tar oils

COAL TAR OILS

1992-07-22

- *BT1 oils
- RT coal tar
- RT coal tar acids
- RT coal tar bases

coalbed methane

INIS: 2000-04-12; ETDE: 1994-10-20

- USE coal deposits
- USE methane

COALCON PROCESS

INIS: 2000-04-12; ETDE: 1975-11-28

Low-temperature, intermediate-pressure process for hydrocarbonization of finely divided low-rank coal or high-boiling tars in a fluidized bed to produce chars, tars, and gases. It was originally designed for a subbituminous coal having high tar and potentially high phenolic yields during carbonization, but it is currently being developed for high-sulfur, high-volatile bituminous coals.

- *BT1 coal gasification
- RT carbonization
- RT chars

COALESCENCE

- RT adhesion
- RT agglomeration
- RT blood coagulation
- RT bonding
- RT coprecipitation

COALIFICATION

INIS: 2000-04-12; ETDE: 1977-07-23

- RT coal
- RT coal rank
- RT diagenesis
- RT geochemistry
- RT petrology

coaltek process

INIS: 2000-04-12; ETDE: 1976-07-07

- USE fuel feeding systems

coarse control rods

- USE shim rods

coarse mesh method

INIS: 1984-04-04; ETDE: 1984-05-10

- USE finite difference method

COARSE PARTICLES

2014-08-20

Particles with an aerodynamic diameter from 2500 to 10000 nm.

- BT1 particles

coast

- USE shores

COASTAL REGIONS

INIS: 1997-06-17; ETDE: 1976-02-19

Land areas of unspecified dimensions near sea or lake coastlines.

- NT1 river deltas
- NT1 shores
- RT coastal waters
- RT coastal zone management acts
- RT flood control

COASTAL WATERS

1997-06-19

For use only in its geographic connotation; for the legal connotation use TERRITORIAL WATERS.

- BT1 surface waters
- NT1 bays
- NT2 bay of biscay
- NT2 bay of fundy
- NT2 biscayne bay
- NT2 chesapeake bay
- NT2 delaware bay
- NT2 galveston bay
- NT2 matagorda bay
- NT2 onslow bay
- NT2 prudhoe bay
- NT2 sequim bay
- NT1 estuaries
- NT2 fiords
- NT2 long island sound
- RT coastal regions
- RT coastal zone management acts
- RT continental margin
- RT continental shelf
- RT continental slope
- RT mid-atlantic bight
- RT offshore sites
- RT seas
- RT shores
- RT south atlantic bight
- RT territorial waters

coastal zone management act

INIS: 2000-04-12; ETDE: 1994-08-18

- USE coastal zone management acts

COASTAL ZONE MANAGEMENT ACTS

INIS: 2000-04-12; ETDE: 1994-08-17

Before August 1994, this term was used in the singular form.

- UF coastal zone management act
- BT1 laws
- RT coastal regions
- RT coastal waters
- RT continental shelf

COATED FUEL PARTICLES

- BT1 fuel particles
- RT amoeba effect

coating (surface)

- USE surface coating

coating processes

- USE surface coating

COATINGS

- NT1 antireflection coatings
- NT1 black coatings
- NT2 black nickel
- NT1 diffusion coatings
- NT1 dipped coatings
- NT1 electrodeposited coatings
- NT1 enamels
- NT1 glazes
- NT1 lacquers
- NT1 paints
- NT2 luminous paints
- NT1 protective coatings
- NT1 reflective coatings

NT1 sprayed coatings
NT1 vapor deposited coatings
NT1 varnishes
RT corrosion protection
RT coverings
RT deposits
RT films
RT heat mirrors
RT latex
RT masking
RT screen printing
RT solar absorbers
RT solar control films
RT surface coating
RT surface finishing
RT thin films
RT waterproofing

COAXIAL CABLES

*BT1 electric cables

COAXIAL FLOW REACTORS

*BT1 gas fueled reactors

COBALT

*BT1 transition elements

COBALT 49

2007-01-24

*BT1 cobalt isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 proton decay radioisotopes

COBALT 50

INIS: 1992-09-22; ETDE: 1984-05-08

*BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

COBALT 51

2007-01-24

*BT1 cobalt isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

COBALT 52

1995-02-27

*BT1 beta-plus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 proton decay radioisotopes

COBALT 53

*BT1 beta-plus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 proton decay radioisotopes

COBALT 54

*BT1 beta-plus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

COBALT 55

*BT1 beta-plus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

COBALT 56

*BT1 beta-plus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

COBALT 56 TARGET

INIS: 1982-10-28; ETDE: 1982-11-30

BT1 targets

COBALT 57

*BT1 cobalt isotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

COBALT 57 TARGET

INIS: 1977-01-25; ETDE: 1977-04-13

BT1 targets

COBALT 58

*BT1 beta-plus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 odd-odd nuclei

COBALT 58 TARGET

INIS: 1976-07-06; ETDE: 1976-08-24

BT1 targets

COBALT 59

*BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 stable isotopes

COBALT 59 REACTIONS

1984-11-30

*BT1 heavy ion reactions

COBALT 59 TARGET

ETDE: 1976-07-09

BT1 targets

COBALT 60

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 years living radioisotopes

COBALT 60 TARGET

INIS: 1975-12-09; ETDE: 1976-07-12

BT1 targets

COBALT 61

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

COBALT 62

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

COBALT 63

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes

*BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

COBALT 64

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

COBALT 65

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

COBALT 66

INIS: 1986-01-21; ETDE: 1986-02-21

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

COBALT 67

INIS: 1986-01-21; ETDE: 1986-02-21

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

COBALT 68

INIS: 1986-08-19; ETDE: 1986-09-05

*BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

COBALT 69

INIS: 1986-08-19; ETDE: 1986-09-05

*BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

COBALT 70

INIS: 1986-08-19; ETDE: 1986-09-05

*BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

COBALT 71

2007-01-24

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

COBALT 72

2007-01-24

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei

COBALT 73

2007-01-24

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

COBALT 74

2007-01-24

*BT1 beta-minus decay radioisotopes
 *BT1 cobalt isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

COBALT 75

2007-01-24

- *BT1 beta-minus decay radioisotopes
- *BT1 cobalt isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

COBALT ADDITIONS

Alloys containing not more than 1% Co are listed here.

- *BT1 cobalt alloys
- NT1 alloy-ni43fe33cr16mo3
 - NT2 nimonic pe16
- NT1 alloy-ni62cr16mo15fe3
 - NT2 hastelloy s
- NT1 steel-cr18ni11nbco
 - NT2 stainless steel-348

COBALT ALLOYS

1996-11-13

Alloys containing more than 1% Co.

- *BT1 transition element alloys
- NT1 alloy-b-1900
- NT1 alloy-fe44ni33cr21
 - NT2 incoloy 800h
- NT1 alloy-fe53ni29co18
 - NT2 kovar
- NT1 alloy-mar-m246
- NT1 alloy-mp35n
- NT1 alloy-ni46cr23co19ti5al4
 - NT2 alloy-in-939
- NT1 alloy-ni49cr22fe18mo9
 - NT2 hastelloy x
- NT1 alloy-ni50co20cr15al5mo5
 - NT2 nimonic 105
- NT1 alloy-ni54cr22co13mo9
 - NT2 inconel 617
- NT1 alloy-ni54mo17cr16fe6w4
 - NT2 hastelloy c
- NT1 alloy-ni55co17cr15mo5al4ti4
 - NT2 astrolay
- NT1 alloy-ni55cr19co11mo10ti3
 - NT2 rene 41
- NT1 alloy-ni58cr20co14mo4ti3
 - NT2 waspaloy
- NT1 alloy-ni59cr20co17ti2
- NT1 alloy-ni60co15cr10al6ti5mo3
 - NT2 alloy-in-100
- NT1 alloy-ni61cr16co9al3ti3w3
 - NT2 alloy-in-738
- NT1 alloy-ni65mo28fe5
 - NT2 hastelloy b
- NT1 alloy-ra-333
- NT1 alloy-s-590
- NT1 alloy-s-816
- NT1 alloy-v-36
- NT1 alloy-yundk 25ba
- NT1 alnico alloys
- NT1 carboloy
- NT1 cobalt additions
 - NT2 alloy-ni43fe33cr16mo3
 - NT3 nimonic pe16
 - NT2 alloy-ni62cr16mo15fe3
 - NT3 hastelloy s
 - NT2 steel-cr18ni11nbco
 - NT3 stainless steel-348
- NT1 cobalt base alloys
 - NT2 alloy-co43cr20fe18ni13w3
 - NT3 havar
 - NT2 alloy-co50fe50
 - NT3 permendur
 - NT2 alloy-co52fe35v10
 - NT2 haynes alloys
 - NT3 alloy-co36cr22ni22w15fe3
 - NT4 haynes 188 alloy
 - NT3 alloy-co54cr20w15ni10
 - NT4 alloy-hs-25
 - NT4 haynes 25 alloy
 - NT3 alloy-co60cr30w4

- NT4 stellite 6
- NT2 mar-m509 alloys
- NT2 stellite
 - NT3 alloy-co54cr20w15ni10
 - NT4 alloy-hs-25
 - NT4 haynes 25 alloy
- NT3 alloy-co60cr30w4
 - NT4 stellite 6
- NT3 alloy-hs-31
- NT2 tribaloy 400
- NT2 tribaloy 800
- NT1 cunico
- NT1 hiperco
- NT1 kanthal
- NT1 konel
- NT1 magnet steel-ks
- NT1 nimonic 115
- NT1 rene-100
- NT1 rene 80
- NT1 rene 95
- NT1 supertherm
- NT1 timken alloys
- NT1 udimet alloys
 - NT2 alloy-ni53co19cr15mo5al4ti3
 - NT3 udimet 700
 - NT2 udimet 500
- NT1 vitallium

COBALT ARSENIDES

INIS: 1991-09-16; ETDE: 1976-08-04

- *BT1 arsenides
- *BT1 cobalt compounds

COBALT BASE ALLOYS

1996-11-13

(The UF terms below have been valid ETDE descriptors.)

- UF alloy-co52cr17fe15mo3si3
- UF alloy-co52fe35v13
- UF alloy-l-605
- UF vikalloy 1
- UF vikalloy 2
- *BT1 cobalt alloys
- NT1 alloy-co43cr20fe18ni13w3
 - NT2 havar
- NT1 alloy-co50fe50
 - NT2 permendur
- NT1 alloy-co52fe35v10
- NT1 haynes alloys
 - NT2 alloy-co36cr22ni22w15fe3
 - NT3 haynes 188 alloy
 - NT2 alloy-co54cr20w15ni10
 - NT3 alloy-hs-25
 - NT3 haynes 25 alloy
 - NT2 alloy-co60cr30w4
 - NT3 stellite 6
- NT1 mar-m509 alloys
- NT1 stellite
 - NT2 alloy-co54cr20w15ni10
 - NT3 alloy-hs-25
 - NT3 haynes 25 alloy
- NT2 alloy-co60cr30w4
 - NT3 stellite 6
- NT1 tribaloy 400
- NT1 tribaloy 800

COBALT BORIDES

- *BT1 borides
- *BT1 cobalt compounds

COBALT BROMIDES

- *BT1 bromides
- *BT1 cobalt halides

COBALT CARBIDES

- *BT1 carbides
- *BT1 cobalt compounds

COBALT CARBONATES

- *BT1 carbonates

- *BT1 cobalt compounds

COBALT CHLORIDES

- *BT1 chlorides
- *BT1 cobalt halides

COBALT COMPLEXES

- *BT1 transition element complexes

COBALT COMPOUNDS

1997-06-17

- BT1 transition element compounds
- NT1 cobalt arsenides
- NT1 cobalt borides
- NT1 cobalt carbides
- NT1 cobalt carbonates
- NT1 cobalt halides
 - NT2 cobalt bromides
 - NT2 cobalt chlorides
 - NT2 cobalt fluorides
 - NT2 cobalt iodides
- NT1 cobalt hydrides
- NT1 cobalt hydroxides
- NT1 cobalt nitrates
- NT1 cobalt oxides
- NT1 cobalt perchlorates
- NT1 cobalt phosphates
- NT1 cobalt phosphides
- NT1 cobalt selenides
- NT1 cobalt silicates
- NT1 cobalt silicides
- NT1 cobalt sulfates
- NT1 cobalt sulfides
- NT1 cobalt tellurides
- NT1 cobalt tungstates

COBALT FLUORIDES

- *BT1 cobalt halides
- *BT1 fluorides

COBALT HALIDES

2012-07-19

- *BT1 cobalt compounds
- *BT1 halides
- NT1 cobalt bromides
- NT1 cobalt chlorides
- NT1 cobalt fluorides
- NT1 cobalt iodides

COBALT HYDRIDES

- *BT1 cobalt compounds
- *BT1 hydrides

COBALT HYDROXIDES

- *BT1 cobalt compounds
- *BT1 hydroxides

COBALT IODIDES

- *BT1 cobalt halides
- *BT1 iodides

COBALT IONS

- *BT1 ions

COBALT ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 cobalt 49
- NT1 cobalt 50
- NT1 cobalt 51
- NT1 cobalt 52
- NT1 cobalt 53
- NT1 cobalt 54
- NT1 cobalt 55
- NT1 cobalt 56
- NT1 cobalt 57
- NT1 cobalt 58
- NT1 cobalt 59
- NT1 cobalt 60
- NT1 cobalt 61
- NT1 cobalt 62
- NT1 cobalt 63

NT1 cobalt 64
 NT1 cobalt 65
 NT1 cobalt 66
 NT1 cobalt 67
 NT1 cobalt 68
 NT1 cobalt 69
 NT1 cobalt 70
 NT1 cobalt 71
 NT1 cobalt 72
 NT1 cobalt 73
 NT1 cobalt 74
 NT1 cobalt 75

COBALT NITRATES

*BT1 cobalt compounds
 *BT1 nitrates

COBALT ORES

BT1 ores

COBALT OXIDES

*BT1 cobalt compounds
 *BT1 oxides
 RT kirchheimerite
 RT oxide minerals

COBALT PERCHLORATES

INIS: 2000-04-12; ETDE: 1975-12-16

*BT1 cobalt compounds
 *BT1 perchlorates

COBALT PHOSPHATES

*BT1 cobalt compounds
 *BT1 phosphates

COBALT PHOSPHIDES

INIS: 1977-07-05; ETDE: 1975-09-11

*BT1 cobalt compounds
 *BT1 phosphides

COBALT SELENIDES

INIS: 1991-09-16; ETDE: 1980-03-04

*BT1 cobalt compounds
 *BT1 selenides

COBALT SILICATES

*BT1 cobalt compounds
 *BT1 silicates

COBALT SILICIDES

1978-08-30

*BT1 cobalt compounds
 *BT1 silicides

COBALT SULFATES

*BT1 cobalt compounds
 *BT1 sulfates

COBALT SULFIDES

*BT1 cobalt compounds
 *BT1 sulfides

COBALT TELLURIDES

INIS: 1991-09-16; ETDE: 1978-06-14

*BT1 cobalt compounds
 *BT1 tellurides

COBALT TUNGSTATES

INIS: 1991-09-16; ETDE: 1978-07-05

*BT1 cobalt compounds
 *BT1 tungstates

COBOL

BT1 programming languages

cobordism theory

2000-04-12

(Prior to September 1994, this was a valid ETDE descriptor.)

USE topology

cobra reactor

1995-01-11

USE kbr-1 reactor

COCAINE

*BT1 alkaloids
 *BT1 anesthetics
 *BT1 antidepressants

COCKCROFT-WALTON**ACCELERATORS**

*BT1 electrostatic accelerators

COCKROACHES

*BT1 dictyoptera

cocoa beans

INIS: 1977-01-26; ETDE: 2002-06-13

USE cocoa products

COCOA PRODUCTS

UF cocoa beans
 BT1 food
 RT cacao trees

COCOMBUSTION

INIS: 1991-10-03; ETDE: 1981-08-04

The simultaneous burning of two fuels in a boiler, e.g., coal and biomass.

UF cofiring
 *BT1 combustion

COCONUT PALMS

*BT1 liliopsida
 *BT1 trees
 RT coconuts

COCONUTS

*BT1 fruits
 RT coconut palms

CODEINE

1996-07-08

*BT1 alkaloids
 *BT1 analgesics
 *BT1 hypnotics and sedatives
 RT heroin
 RT morphine

codeinone

INIS: 1984-04-04; ETDE: 1978-07-06

(Prior to April 1994, this was a valid ETDE descriptor.)

USE alkaloids

CODFISH

*BT1 fishes

coding circuits

USE digital circuits

CODLING MOTH

UF carpocapsa pomonella
 *BT1 moths
 RT apples

CODONS

RT gene operons
 RT gene regulation
 RT genes
 RT nucleotides
 RT ribosomes

COED PROCESS

2000-04-12

FMC corporation process that converts coal to synthetic crude oil, gas, and char in four fluidized-bed gasification stages at 315, 450, 540, and 840 degrees C.

UF char oil energy development process
 *BT1 coal liquefaction

COEFFICIENT OF PERFORMANCE

INIS: 2000-04-12; ETDE: 1979-01-30

RT air conditioners
 RT efficiency
 RT heat pumps

RT performance
 RT refrigerating machinery
 RT refrigerators
 RT thermodynamics

COELENTERATA

ETDE: 1977-01-28

(Prior to October 1990 this subject was indexed to CNIDARIA.)

UF coelenterates
 *BT1 invertebrates
 NT1 cnidaria
 NT2 corals
 NT2 hydra

coelenterates

INIS: 1975-09-12; ETDE: 2002-06-13

USE coelenterata

coenzyme i

USE nad

coenzyme ii

USE nadp

COENZYMES

NT1 nad
 NT1 nadh2
 NT1 nadp
 NT1 ubiquinone
 RT apolipoproteins
 RT biochemistry
 RT biosynthesis
 RT catalysis
 RT cytochromes
 RT enzymes
 RT isoalloxazines
 RT metabolism
 RT pyridoxal
 RT redox process
 RT vitamin b group

coercion

INIS: 2000-04-12; ETDE: 1983-03-23

Compulsion, constraint, or compelling by force.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE legal aspects

COERCIVE FORCE

RT magnetic properties

coesite

INIS: 2000-04-12; ETDE: 1978-07-06

A polymorph of silicon dioxide.

(Prior to February 1995, this was a valid ETDE descriptor.)

USE oxide minerals
 USE silicon oxides

COEXTRUSION

*BT1 extrusion

coffee

USE beverages

COFFEE BEANS

INIS: 1978-11-24; ETDE: 1978-12-20

BT1 seeds
 RT beverages
 RT coffee plants

COFFEE PLANTS

*BT1 magnoliopsida
 RT coffee beans

COFFINITE

*BT1 silicate minerals
 *BT1 uranium minerals

cofiring

INIS: 1991-10-03; ETDE: 1981-10-24

USE cocombustion

COFRENTES REACTOR

INIS: 1977-04-07; ETDE: 1977-06-02

Cofrents, Valencia, Spain.

*BT1 bwr type reactors

COGAS PROCESS

2000-04-12

A two step coal conversion process involving pyrolysis followed by gasification of the resultant char.

*BT1 coal gasification

cogema

INIS: 1977-03-29; ETDE: 1977-06-02

(Prior to April 2010 this was a valid descriptor.)

USE areva nc

cogema la hague

INIS: 1977-03-29; ETDE: 1977-06-02

(Prior to April 2010 this was a valid descriptor.)

USE areva nc la hague

cogema marcoule

INIS: 1977-03-29; ETDE: 1977-06-03

(Prior to April 2010 this was a valid descriptor.)

USE areva nc marcoule

cogema pierrelatte

INIS: 1977-03-29; ETDE: 1977-06-03

(Prior to April 2010 this was a valid descriptor.)

USE areva nc pierrelatte

COGENERATION

INIS: 1982-12-03; ETDE: 1980-10-27

(Prior to November 1980, this concept in ETDE was indexed to co-generation. From November 1978 till February 1997 DEUS was a valid ETDE descriptor.)

UF co-generation

UF combined heat-power generation

UF combined steam-power generation

UF deus

UF dual energy use systems

BT1 power generation

BT1 steam generation

RT district heating

RT dual-purpose power plants

RT energy systems

RT refuse-fueled power plants

RT thermal transmission ices

RT total energy systems

RT waste heat

RT waste heat boilers

RT waste heat utilization

RT waste product utilization

cogeneration plants

INIS: 2000-04-12; ETDE: 1981-06-13

USE dual-purpose power plants

COHERENCE LENGTH

1999-07-20

The range of interaction between the electrons of a Cooper pair.

*BT1 length

RT cooper pairs

RT ginzburg-landau theory

RT superconductivity

COHERENT ACCELERATORS

1985-12-10

(Prior to 1986 COLLECTIVE

ACCELERATORS was used for this concept.)

BT1 accelerators

RT collective accelerators

coherent anti-stokes raman**spectroscopy**

INIS: 1986-04-04; ETDE: 1983-03-07

USE raman spectroscopy

COHERENT PRODUCTION

*BT1 particle interactions

BT1 particle production

RT coherent tube model

COHERENT RADIATION

*BT1 electromagnetic radiation

COHERENT SCATTERING

BT1 scattering

NT1 brillouin effect

NT1 diffraction

NT2 atomic beam diffraction

NT2 diffuse scattering

NT2 electron diffraction

NT2 neutron diffraction

NT2 x-ray diffraction

NT1 rayleigh scattering

RT anharmonic crystals

RT elastic scattering

coherent states

INIS: 1984-04-04; ETDE: 2002-06-13

Eigenstates of annihilation operators.

USE annihilation operators

USE eigenstates

COHERENT TUBE MODEL

INIS: 1977-06-13; ETDE: 1977-10-20

UF collective tube model

UF tube model

*BT1 nuclear models

*BT1 particle models

RT coherent production

RT incoherent production

RT multiple production

RT nuclear reactions

RT particle interactions

coil process

INIS: 2000-04-12; ETDE: 1978-04-06

A process for hydrogenating a mixture of petroleum and coal.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE coal liquefaction

coils (electric)

USE electric coils

coils (magnetic)

USE magnet coils

COINCIDENCE CIRCUITS

BT1 electronic circuits

RT anticoincidence

RT coincidence methods

RT pulse circuits

RT telescope counters

RT time measurement

COINCIDENCE METHODS

BT1 counting techniques

NT1 coincidence spectrometry

NT1 tagged photon method

RT coincidence circuits

RT positron cameras

RT synchronization

COINCIDENCE SPECTROMETRY

*BT1 coincidence methods

RT radiation detection

RT spectrometers

COKE

1999-07-09

UF beehive coke

UF petroleum coke

NT1 coke breeze

NT1 oven coke

RT coal

RT coke ovens

RT coking

RT formed coke processes

RT fossil fuels

RT semicoke

RT semicoking

RT solid fuels

COKE BREEZE

INIS: 2000-04-12; ETDE: 1979-12-10

BT1 coke

coke-oven gas

1991-10-02

USE coal gas

COKE OVENS

INIS: 1992-06-30; ETDE: 1975-07-29

Ovens for carbonization of coal to produce coke.

UF slot ovens

RT carbonization

RT coke

RT coking

RT coking plants

RT formed coke processes

COKING

1991-10-03

Destructive distillation of coal to make coke.

*BT1 carbonization

RT clean coke process

RT coal

RT coke

RT coke ovens

RT coking plants

RT retorting

RT semicoke

RT semicoking

COKING PLANTS

INIS: 1991-10-03; ETDE: 1979-06-06

BT1 industrial plants

RT coke ovens

RT coking

colby event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

COLCHICINE

*BT1 alkaloids

*BT1 antimitotic drugs

*BT1 antipyretics

RT polyploidy

COLD CATHODE TUBES

BT1 electron tubes

COLD EFFLUENTS

INIS: 2000-04-12; ETDE: 1976-08-04

RT thermal effluents

COLD FISSION

INIS: 1992-05-07; ETDE: 1992-08-12

*BT1 fission

RT heavy ion emission decay

RT kinetic energy

COLD FUSION

1991-07-02

- BT1 nuclear reactions
- RT thermonuclear reactions

COLD LAKE DEPOSIT

1992-03-05

- *BT1 oil sand deposits
- RT alberta
- RT canada
- RT oil sands
- RT saskatchewan

COLD NEUTRONS

Neutrons of less velocity than thermal neutrons; at 15 c their energy is below 0.01 eV.

- *BT1 neutrons
- NT1 ultracold neutrons

COLD PLASMA

- BT1 plasma

COLD PRESSING

- *BT1 pressing
- RT cold working

cold recovery

INIS: 2000-04-12; ETDE: 1981-05-18

(Prior to February 1997 this was a valid ETDE descriptor.)

- SEE heat sinks
- SEE refrigeration

COLD STORAGE

INIS: 1993-01-18; ETDE: 1979-02-23

- *BT1 energy storage
- RT evaporative cooling
- RT heat storage
- RT rock beds
- RT solar cooling systems

COLD TRAPS

- BT1 traps
- BT1 vapor condensers

COLD-WATER PROCESSES

INIS: 2000-04-12; ETDE: 1976-06-07

Processes used for recovery of bitumens from tar sands using various types of cationic, anionic and nonanionic wetting agents.

- BT1 fluid injection processes
- RT bitumens
- RT oil sands

COLD WORKING

- *BT1 materials working
- NT1 shot peening
- RT cold pressing
- RT dislocation pinning
- RT drawing
- RT extrusion
- RT forging
- RT hardening
- RT rolling
- RT strain aging
- RT strain hardening
- RT surface hardening

COLEOPTERA

INIS: 1993-07-13; ETDE: 1981-06-16

- *BT1 insects
- NT1 beetles
- NT2 boll weevil
- NT2 tribolium

COLEOPTILE

- RT germination
- RT seedlings

coleus

1997-01-28

(Until October 1996 this was a valid descriptor.)

- USE herbs
- USE magnoliopsida

COLIFORMS

Restricted to papers on water purity analysis.

- *BT1 bacteria
- RT aerobacter
- RT escherichia coli

COLLAGEN

- *BT1 scleroproteins
- RT connective tissue
- RT fibroblasts
- RT hydroxyproline
- RT proline

collapse (gravitational)

INIS: 1984-02-22; ETDE: 2002-06-13

- USE gravitational collapse

COLLECTIVE ACCELERATORS

- BT1 accelerators
- NT1 electron-ring accelerators
- NT1 ionization front accelerators
- NT1 plasma betatrons
- RT coherent accelerators

COLLECTIVE EXCITATIONS

1985-12-10

See also COLLECTIVE MODEL.

- *BT1 excitation
- RT superconductivity

COLLECTIVE MODEL

- UF collective motion (in nuclei)
- *BT1 nuclear models
- NT1 rotation-vibration model
- RT boson expansion
- RT davydov-filipov model
- RT hill-wheeler theory
- RT quasiparticle-phonon model

collective motion (in nuclei)

INIS: 1975-11-27; ETDE: 2002-06-13

- USE collective model

collective states (rotational)

INIS: 1984-06-25; ETDE: 2002-06-13

- USE rotational states

collective states (vibrational)

INIS: 1993-11-04; ETDE: 2002-06-13

- USE vibrational states

collective tube model

INIS: 2000-04-12; ETDE: 1980-03-04

- USE coherent tube model

collector module test facility

INIS: 2000-04-12; ETDE: 1980-11-08

- USE msstf

collector properties

INIS: 2000-04-12; ETDE: 1984-03-06

For reservoir rock.

- USE permeability
- USE porosity

collector properties (rocks)

INIS: 2000-04-12; ETDE: 1984-02-23

- USE permeability
- USE porosity

collectors (dust)

INIS: 1976-10-07; ETDE: 2002-06-13

- USE dust collectors

collectrons

- USE self-powered neutron detectors

college station texas training reactor

INIS: 1993-11-04; ETDE: 2002-06-13

- USE nscr reactor

colleges

INIS: 1983-06-30; ETDE: 1983-07-20

- USE educational facilities

collider detector at fermilab

INIS: 1991-12-17; ETDE: 1985-12-13

- USE fermilab collider detector

COLLIDING BEAMS

- UF crossed beams
- UF intersecting beams
- BT1 beams
- RT beam-beam interactions
- RT beam luminosity
- RT interactions
- RT linear colliders

collieries

INIS: 2000-04-12; ETDE: 1977-06-24

- USE coal mines

COLLIMATORS

- RT beam optics
- RT radiotherapy
- RT shielding
- RT shutters
- RT tomography

COLLISION INTEGRALS

- BT1 integrals
- RT boltzmann equation
- RT collision probability method

collision matrix

- USE s matrix

COLLISION PROBABILITY METHOD

2005-02-25

Numerical method for solving integral neutron transport equations.

- BT1 calculation methods
- *BT1 numerical solution
- RT boltzmann equation
- RT collision integrals
- RT neutron transport theory

COLLISIONAL HEATING

- *BT1 magnetic-pumping heating

COLLISIONAL PLASMA

- BT1 plasma
- RT pfirsch-schlueter regime

collisionless boltzmann equation

INIS: 2000-04-12; ETDE: 1995-09-22

- USE boltzmann-vlasov equation

COLLISIONLESS PLASMA

- BT1 plasma

COLLISIONS

For low-energy interactions involving photons, electrons, ions, atoms, and molecules; not for the concept covered by NUCLEAR REACTIONS. For collisions with elementary particles and radiations, see also INTERACTIONS.

- NT1 atom collisions
- NT2 atom-atom collisions
- NT2 atom-molecule collisions
- NT2 electron-atom collisions
- NT2 ion-atom collisions
- NT2 muon-atom collisions
- NT2 photon-atom collisions

NT2 positron-atom collisions
NT1 electron collisions
NT2 electron-atom collisions
NT2 electron-electron collisions
NT2 electron-ion collisions
NT2 electron-molecule collisions
NT2 electron-positron collisions
NT2 photon-electron collisions
NT1 ion collisions
NT2 electron-ion collisions
NT2 ion-atom collisions
NT2 ion-ion collisions
NT2 ion-molecule collisions
NT2 photon-ion collisions
NT2 positron-ion collisions
NT1 molecule collisions
NT2 atom-molecule collisions
NT2 electron-molecule collisions
NT2 ion-molecule collisions
NT2 molecule-molecule collisions
NT2 photon-molecule collisions
NT2 positron-molecule collisions
NT1 photon collisions
NT2 photon-atom collisions
NT2 photon-electron collisions
NT2 photon-ion collisions
NT2 photon-molecule collisions
NT2 photon-positron collisions
NT1 positron collisions
NT2 electron-positron collisions
NT2 photon-positron collisions
NT2 positron-atom collisions
NT2 positron-ion collisions
NT2 positron-molecule collisions
NT2 positron-positron collisions
RT brownian movement
RT colloids
RT coupled channel theory
RT dynamics
RT interactions
RT kinetic equations
RT kinetics
RT landau-zener formula
RT particle kinematics
RT pss method
RT scattering
RT sudden approximation

collodion

USE nitrocellulose

colloid coagulation

USE flocculation

COLLOIDS

BT1 dispersions
NT1 agar
NT1 alginic acid
NT1 emulsions
NT2 microemulsions
NT2 photographic emulsions
NT1 foams
NT2 plastic foams
NT2 urea-formaldehyde foams
NT1 gelatin
NT1 gels
NT2 hydrogels
NT2 hydrophylic polymers
NT1 radiocolloids
NT2 thorotrast
NT1 sols
NT2 aerosols
NT3 radioactive aerosols
NT3 smokes
NT4 tobacco smokes
RT brownian movement
RT collisions
RT deflocculating agents
RT dialysis
RT gelation

RT gums
RT micellar systems
RT particle size
RT particles
RT sol-gel process
RT superconducting colloid detectors

COLMONOY

***BT1** boron alloys
***BT1** chromium alloys
***BT1** corrosion resistant alloys
***BT1** iron alloys
***BT1** nickel base alloys
***BT1** silicon alloys

cologne spirits

USE ethanol

COLOMBIA

BT1 developing countries
***BT1** south america
RT andes

COLOMBIAN ORGANIZATIONS

INIS: 1987-04-28; ETDE: 1987-06-09

BT1 national organizations
NT1 ian

colon

USE large intestine

colonies

USE populations

COLONY FORMATION

INIS: 1976-07-30; ETDE: 1976-11-01

NT1 spleen colony formation
RT animal cells
RT cell cultures
RT cloning

COLONY FORMING UNITS

ETDE: 2005-01-28

Limited to colony formation on spleen.

(Prior to January 2005 CFU was used for this concept.)

UF cfu (colony forming units)
RT spleen colony formation
RT stem cells

COLOR

***BT1** optical properties
BT1 organoleptic properties
RT dichroism
RT electrochromism

COLOR CENTERS

1996-07-23

(B CENTERS and Q CENTERS have also been valid ETDE descriptors.)

UF b centers
UF q centers
***BT1** vacancies
NT1 a centers
NT1 e centers
NT1 f centers
NT1 h centers
NT1 i centers
NT1 m centers
NT1 r centers
NT1 s centers
NT1 u centers
NT1 v centers
NT1 x centers
NT1 z centers

COLOR MODEL

1975-09-16

***BT1** quark model
RT charm particles
RT glueballs
RT preons

RT quantum chromodynamics

COLORADO

1997-06-19

UF crystal river
***BT1** usa
NT1 mahogany zone
NT1 sand wash basin
RT colorado river basin
RT green river formation
RT gunnison river
RT north platte river basin
RT paradox basin
RT permian basin
RT piceance creek
RT piceance creek basin
RT rio blanco oil shale project
RT rio grande rift
RT rio grande river
RT rocky flats plant
RT uinta basin
RT uinta formation
RT us naval oil shale reserves
RT wasatch formation
RT white river
RT yellow creek
RT yellow creek basin

COLORADO PLATEAU

BT1 mountains

COLORADO RIVER

***BT1** rivers
RT colorado river basin

COLORADO RIVER BASIN

1991-10-03

BT1 watersheds
RT colorado
RT colorado river

COLORADO TRIGA-MK-3 REACTOR

2000-04-12

SF triga-mk-3 reactor
***BT1** training reactors
***BT1** triga type reactors

COLORATION

RT bleaching

COLORIMETRIC DOSEMETERS

***BT1** dosimeters
RT dyes
RT glass
RT polymers

colorimetry

USE absorption spectroscopy

columbia generating station

2005-09-15

USE wnp-2 reactor

COLUMBIA HIGH-BETA TOKAMAK

INIS: 1991-08-12; ETDE: 1991-09-13

UF hbt-ep
***BT1** tokamak devices

columbia missouri research reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE murr reactor

COLUMBIA RIVER

***BT1** rivers
RT columbia river basin
RT washington

COLUMBIA RIVER BASIN

INIS: 1991-10-03; ETDE: 1978-10-23

BT1 watersheds
NT1 pasco basin
RT columbia river

RT idaho
RT oregon
RT washington

columbium

USE niobium

COLUMN PACKING

UF berl saddles
UF packing (column)
UF raschig rings
BT1 packings
RT extraction columns

column separation (fluid mechanics)

INIS: 1990-12-07; ETDE: 2002-06-13
(Prior to December 1990, this was a valid descriptor.)
USE cavitation

column separation (isotopes)

INIS: 1990-12-07; ETDE: 2002-06-13
USE isotope separation

columns (extraction)

USE extraction columns

columns (mechanical)

2000-04-12
USE mechanical structures

columns (structural)

INIS: 1983-09-06; ETDE: 2002-06-13
(Prior to October 1983 MECHANICAL STRUCTURES was used for this concept.)
USE supports

columns (thermal)

USE thermal columns

COMANCHE PEAK-1 REACTOR

TXU Generation Co. LP, Glen Rose, Texas, USA.
*BT1 pwr type reactors

COMANCHE PEAK-2 REACTOR

TXU Generation Co. LP, Glen Rose, Texas, USA.
*BT1 pwr type reactors

COMBINED COLLECTORS

INIS: 2000-04-12; ETDE: 1978-09-11
Combined photovoltaic/thermal collectors.
*BT1 solar collectors
RT photovoltaic cells
RT solar cells

COMBINED-CYCLE FW PROCESS

INIS: 2000-04-12; ETDE: 1977-05-07
Process using a two-stage entrained gasifier similar to the bi-gas design, operating at moderate pressure and using air, that can be modified to oxygen blowing.
UF foster wheeler gasification process
*BT1 coal gasification
RT entrainment

COMBINED-CYCLE POWER**PLANTS**

INIS: 1991-10-03; ETDE: 1976-03-11
(Prior to March 1976 the descriptors COMBINED CYCLES and FOSSIL-FUEL POWER PLANTS or THERMAL POWER PLANTS were used for indexing this concept in ETDE.)
UF combined gas and steam cycle power plants
*BT1 thermal power plants
NT1 mhd generator etf
RT coal-fired gas turbines
RT combined cycles
RT gas turbine power plants

RT hot gas cleanup
RT toso-dyne process

COMBINED CYCLES

1991-10-03

BT1 thermodynamic cycles
RT combined-cycle power plants
RT electric power
RT power plants
RT total energy systems

combined gas and steam cycle power plants

INIS: 1991-10-03; ETDE: 1976-03-11
Combined gas and steam cycle power plants.
USE combined-cycle power plants

combined heat-power generation

INIS: 1982-12-03; ETDE: 2002-06-13
USE cogeneration

combined pinch devices (linear)

USE linear screw pinch devices

COMBINED SOXNOX PROCESSES

INIS: 1992-07-20; ETDE: 1990-05-15
Processes capable of removing SOX and NOX from flue gas.
UF argonox process
UF desonox process
*BT1 denitrification
*BT1 desulfurization
NT1 noxso process

combined steam-power generation

INIS: 1982-12-03; ETDE: 1977-05-07
USE cogeneration

COMBINED THERAPY

INIS: 1993-08-04; ETDE: 1986-01-16
The use of both radiotherapy and chemotherapy to achieve a synergistic effect.
*BT1 therapy
RT antineoplastic drugs
RT chemotherapy
RT neoplasms
RT quality of life
RT radiotherapy
RT side effects

COMBUSTION

UF incineration
*BT1 oxidation
BT1 thermochemical processes
NT1 cocombustion
NT1 fluidized-bed combustion
NT1 in-situ combustion
NT1 oxyfuel combustion process
NT1 pulse combustion
NT1 reverse combustion
NT1 spontaneous combustion
NT1 staged combustion
RT afterburners
RT burners
RT calorific value
RT combustion instability
RT combustion kinetics
RT combustion products
RT combustion properties
RT combustion waves
RT detonation waves
RT dry ashing
RT exhaust recirculation systems
RT fire prevention
RT fires
RT flames
RT flammability
RT flaring
RT fuel-air ratio
RT fuel injection systems
RT gas burners

RT ignition
RT ignition quality
RT ignition systems
RT incinerators
RT knock control
RT oil burners
RT spark ignition engines
RT stratified charge engines
RT wet ashing

COMBUSTION CHAMBERS

1997-06-19

Containers in which the actual burning of fuel takes place.

RT combustors
RT engines
RT fuel injection systems
RT furnaces
RT pulse combustion
RT pulse combustors
RT spark ignition engines

COMBUSTION CONTROL

INIS: 1997-06-19; ETDE: 1979-03-28
Control of factors (temperature, preheating, draft, excess or deficient air, etc.) which affect combustion efficiency.
BT1 control
RT boilers
RT combustors
RT fuel-air ratio
RT oxyfuel combustion process
RT pulse combustion
RT pulse combustors

combustion engineering gasification process

INIS: 2000-04-12; ETDE: 1977-05-07
USE ce entrained fuel process

combustion engineering standard reactor

1999-04-21
USE ce standard reactor

combustion gases

INIS: 1976-07-16; ETDE: 2002-06-13
USE flue gas

COMBUSTION HEAT

UF heat of combustion
BT1 combustion properties
*BT1 heat
*BT1 reaction heat
RT calorific value

COMBUSTION INSTABILITY

INIS: 2000-04-12; ETDE: 1976-08-24
BT1 instability
RT combustion

COMBUSTION KINETICS

INIS: 1991-10-03; ETDE: 1976-08-24
*BT1 chemical reaction kinetics
RT combustion
RT flame propagation

COMBUSTION PRODUCTS

INIS: 1983-03-15; ETDE: 1975-10-01
NT1 ashes
NT2 fly ash
NT1 soot
RT 3-methylcholanthrene
RT combustion
RT exhaust gases
RT flue gas
RT gaseous wastes
RT pyrolysis products
RT solid wastes

COMBUSTION PROPERTIES

INIS: 1992-07-10; ETDE: 1975-11-11

UF flame temperature

UF flash point

NT1 calorific value

NT1 combustion heat

NT1 flammability

RT combustion

RT thermodynamic properties

COMBUSTION WAVES

INIS: 2000-06-27; ETDE: 1976-09-14

Narrow zones of burning propagated through a combustible medium.

RT combustion

RT detonation waves

RT explosions

RT ignition

RT shock waves

COMBUSTORS

INIS: 1997-06-19; ETDE: 1976-11-01

Combustion chambers together with their associated burners, igniters, and fuel injection devices.

NT1 catalytic combustors

NT1 cyclone combustors

NT1 fluidized-bed combustors

NT1 pulse combustors

RT burners

RT combustion chambers

RT combustion control

RT ignition systems

COMECON

UF cmea

UF council for mutual economic assistance

BT1 international organizations

COMETS

NT1 halley comet

RT solar system

comissao nacional energia nuclear de brazil

INIS: 1993-11-05; ETDE: 2002-06-13

USE brazilian cnen

comitato nazionale energia nucleare e alternative

INIS: 1993-11-05; ETDE: 2002-06-13

Comitato Nazionale per la Ricerca e lo Sviluppo dell'Energia Nucleare e delle Energie Alternative.

USE italian enea

comitato nazionale per l'energia nucleare

INIS: 1999-05-06; ETDE: 1976-06-07

USE cnen

commensalism

INIS: 1984-12-04; ETDE: 1980-01-15

USE symbiosis

commerce

INIS: 2000-04-12; ETDE: 1977-12-22

USE trade

commerce (nuclear)

INIS: 1976-12-08; ETDE: 1978-03-03

USE nuclear trade

COMMERCIAL BUILDINGS

1993-01-28

UF banks

UF stores

BT1 buildings

NT1 hotels

NT1 shopping centers

RT apartment buildings

RT commercial sector

RT office buildings

RT restaurants

RT skating rinks

commercial demonstration fast reactor

INIS: 1999-04-19; ETDE: 1979-10-23

USE cdf reactor

commercial licenses

INIS: 1994-08-12; ETDE: 1996-02-09

(Until August 1994 this was a valid descriptor.)

USE licenses

commercial nuclear ships

INIS: 1976-11-17; ETDE: 1976-08-24

USE nuclear merchant ships

COMMERCIAL SECTOR

INIS: 1986-07-09; ETDE: 1976-12-15

SF end use sector

RT commercial buildings

RT commercialization

RT economic development

RT market

RT marketers

RT resellers

RT residential sector

RT restaurants

RT retailers

RT sectoral analysis

RT service sector

RT small businesses

RT trade

COMMERCIALIZATION

INIS: 1984-10-23; ETDE: 1977-03-04

Establishment of a new technology for large-scale use after research, development, and demonstration.

SF technology development

RT biotechnology

RT commercial sector

RT demonstration programs

RT economic development

RT feasibility studies

RT gasoline plants

RT industry

RT manufacturers

RT market

RT technology impacts

RT technology transfer

RT technology utilization

COMMINUTION

1999-05-06

UF pulverization

NT1 crushing

NT1 grinding

RT coal preparation

RT fracturing

RT fragmentation

RT pulverizers

commissariat a l'energie atomique

INIS: 1993-11-05; ETDE: 2002-06-13

USE cea

COMMISSIONING

1996-04-29

NT1 reactor commissioning

RT decommissioning

commissioning (reactor)

USE reactor commissioning

commodities

INIS: 2000-04-12; ETDE: 1975-07-29

(Prior to February 1997 this was a valid ETDE descriptor.)

SEE sales

common market

1997-01-28

(Until December 1994 this was a valid descriptor.)

USE internal market

COMMUNICATIONS

(From July 1984 till April 1997

CRYPTOGRAPHY was a valid ETDE descriptor.)

NT1 data transmission

NT2 telemetry

RT advertising

RT cryptography

RT data transmission systems

RT information theory

RT man-machine systems

RT radio equipment

RT redundancy

RT signals

RT speech

RT telephones

RT television

COMMUNITIES

1992-03-17

(From September 1977 till March 1997

PLANNED COMMUNITIES was a valid ETDE descriptor.)

SF planned communities

RT human populations

RT ices program

RT residential sector

RT socio-economic factors

communities (ecological)

USE ecosystems

COMMUTATION RELATIONS

RT canonical dimension

RT current algebra

RT mathematical operators

RT quantum mechanics

COMMUTATORS

*BT1 quantum operators

NT1 current commutators

NT2 sigma terms

RT current algebra

COMPACT COMMISSIONS

INIS: 1992-08-20; ETDE: 1984-03-19

Joint negotiating and coordinating body for a compact's member states.

RT intergovernmental cooperation

RT low-level radioactive wastes

RT radioactive waste management

RT state government

compact helical system torsatron

1991-02-11

USE chs torsatron

COMPACT IGNITION TOKAMAK

INIS: 1987-04-28; ETDE: 1986-11-20

A tokamak proposed as a next step after TFTR.

*BT1 tokamak devices

*BT1 tokamak type reactors

RT thermonuclear ignition

COMPACT LINEAR COLLIDER

2015-09-08

a proposed linear electron-positron collider with collision energy up to 5 TeV.

UF clic

*BT1 linear colliders

compact reprocessing of advanced fuels in lead cell

2009-12-23

USE coral reprocessing plant

compact toroids

INIS: 1990-12-07; ETDE: 2002-06-13

USE compact torus

COMPACT TORUS

INIS: 1983-03-15; ETDE: 1982-10-05

Torus with aspect ratio nearly equal to one.

UF compact toroids

*BT1 closed plasma devices

BT1 tori

NT1 field-reversed theta pinch devices

NT1 rotamak devices

RT ignition spherical torus

RT plasma

RT plasma rings

RT toroidal configuration

COMPACTIFICATION

INIS: 1985-10-23; ETDE: 1985-11-19

Process by which the number of space-time dimensions may be reduced.

UF dimensional compactification

RT dimensions

RT kaluza-klein theory

RT space-time

RT supergravity

RT symmetry breaking

COMPACTING

BT1 fabrication

RT agglomeration

RT briquetting

RT caking

RT cementing

RT compactors

RT compacts

RT pelletizing

RT powder metallurgy

RT pressing

RT rolling

COMPACTORS

INIS: 1992-08-20; ETDE: 1977-06-21

BT1 equipment

RT compacting

RT compacts

COMPACTS

RT compacting

RT compactors

RT powders

compagnie generale des matieres nucleaires

1977-03-29

SEE areva nc

COMPARATIVE EVALUATIONS

Use in coordination with the concepts being compared. In the case of numerical data see also EVALUATED DATA or COMPILED DATA.

BT1 evaluation

RT bioassay

RT correlations

RT cost benefit analysis

RT data

RT efficiency

RT errors

RT feasibility studies

RT functional models

RT hypothesis

RT interlaboratory comparisons

RT mathematical models

RT measuring methods

RT radiation effects

RT resolution

RT structural models

COMPARATOR CIRCUITS

Provide indication of agreement or disagreement between signals.

BT1 electronic circuits

COMPARTMENTS

RT biophysics

RT extracellular space

RT radionuclide kinetics

RT retention

RT retention functions

COMPASS-D TOKAMAK

INIS: 1999-03-24; ETDE: 1999-08-30

Culham Science Center, Abingdon, Oxfordshire, UK.

*BT1 tokamak devices

COMPASS DETECTOR

2015-10-27

UF compass experiment

*BT1 radiation detectors

RT cern

RT cern sps synchrotron

compass experiment

2015-10-27

USE compass detector

COMPATIBILITY

Mutual behaviour of 2 or more materials joined or mixed together.

RT interchangeability

RT joining

RT joints

RT mixtures

compatibility (immunological)

USE immunity

compensation (workmens)

USE workmens compensation

COMPETITION

INIS: 1986-07-09; ETDE: 1976-07-07

Contest among individuals; may be used in any field.

UF market shares

RT antitrust laws

RT behavior

RT cartels

RT ecological succession

RT economics

RT horizontal integration

RT marketers

RT population dynamics

RT resellers

RT retailers

RT sales

RT trade

RT vertical divestiture

RT vertical integration

competitive protein binding

USE cpb

COMPILED DATA

INIS: 1978-10-20; ETDE: 1979-02-27

Use only in conjunction with literary indicator N for data flagging.

*BT1 numerical data

RT data acquisition

RT data compilation

RT nuclear data collections

COMPLEMENT

A system of 18 proteins found in blood which plays a central role in the organism's response to microbial infection.

UF properdin

*BT1 proteins

RT antibodies

RT antigen-antibody reactions

RT blood plasma

RT hemolysins

RT immune system diseases

RT lymphokines

RT zymosan

COMPLETE INTEGRABILITY

2018-02-16

BT1 integrability

COMPLEX MANIFOLDS

BT1 mathematical manifolds

COMPLEX TERRAIN

INIS: 1992-06-05; ETDE: 1983-03-07

Land sites that are made up of a combination of mountains, valleys, plateaus, watersheds, etc.

RT mountains

RT topography

RT valleys

RT watersheds

COMPLEXES

1996-07-23

NT1 actinide complexes

NT2 actinium complexes

NT2 americium complexes

NT2 berkelium complexes

NT2 californium complexes

NT2 curium complexes

NT2 einsteinium complexes

NT2 fermium complexes

NT2 lawrencium complexes

NT2 mendelevium complexes

NT2 neptunium complexes

NT3 neptunyl complexes

NT2 nobelium complexes

NT2 plutonium complexes

NT3 plutonyl complexes

NT2 protactinium complexes

NT2 thorium complexes

NT2 uranium complexes

NT3 uranyl complexes

NT1 alkali metal complexes

NT2 cesium complexes

NT2 francium complexes

NT2 lithium complexes

NT2 potassium complexes

NT2 rubidium complexes

NT2 sodium complexes

NT1 alkaline earth metal complexes

NT2 barium complexes

NT2 beryllium complexes

NT2 calcium complexes

NT2 magnesium complexes

NT2 radium complexes

NT2 strontium complexes

NT1 aluminium complexes

NT1 amines

NT1 ammonium complexes

NT1 antimony complexes

NT1 argon complexes

NT1 arsenic complexes

NT1 astatine complexes

NT1 bismuth complexes

NT1 boron complexes

NT1 bromine complexes

NT1 cadmium complexes

NT1 carbon complexes

NT1 chelates

NT1 chlorine complexes

NT1 fluorine complexes
 NT1 gallium complexes
 NT1 germanium complexes
 NT1 helium complexes
 NT1 heteropolyanions
 NT1 hydrogen complexes
 NT1 indium complexes
 NT1 iodine complexes
 NT1 krypton complexes
 NT1 lawrencium complexes
 NT1 lead complexes
 NT1 mercury complexes
 NT1 neon complexes
 NT1 nitrogen complexes
 NT1 oxygen complexes
 NT1 phosphorus complexes
 NT1 polonium complexes
 NT1 radon complexes
 NT1 rare earth complexes
 NT2 cerium complexes
 NT2 dysprosium complexes
 NT2 erbium complexes
 NT2 europium complexes
 NT2 gadolinium complexes
 NT2 holmium complexes
 NT2 lanthanum complexes
 NT2 lutetium complexes
 NT2 neodymium complexes
 NT2 praseodymium complexes
 NT2 promethium complexes
 NT2 samarium complexes
 NT2 terbium complexes
 NT2 thulium complexes
 NT2 ytterbium complexes
 NT1 selenium complexes
 NT1 silicon complexes
 NT1 sulfur complexes
 NT1 tellurium complexes
 NT1 thallium complexes
 NT1 tin complexes
 NT1 transition element complexes
 NT2 chromium complexes
 NT2 cobalt complexes
 NT2 copper complexes
 NT3 ceruloplasmin
 NT2 gold complexes
 NT2 hafnium complexes
 NT2 iridium complexes
 NT2 iron complexes
 NT3 ferricyanides
 NT3 ferritin
 NT3 ferrocene
 NT3 ferrocyanides
 NT2 manganese complexes
 NT2 molybdenum complexes
 NT2 nickel complexes
 NT2 niobium complexes
 NT2 osmium complexes
 NT2 palladium complexes
 NT2 platinum complexes
 NT2 rhenium complexes
 NT2 rhodium complexes
 NT2 ruthenium complexes
 NT2 scandium complexes
 NT2 silver complexes
 NT2 tantalum complexes
 NT2 technetium complexes
 NT2 titanium complexes
 NT2 tungsten complexes
 NT2 vanadium complexes
 NT2 yttrium complexes
 NT2 zirconium complexes
 NT1 transuranium complexes
 NT2 americium complexes
 NT2 berkelium complexes
 NT2 californium complexes
 NT2 curium complexes
 NT2 einsteinium complexes
 NT2 fermium complexes

NT2 mendelevium complexes
 NT2 neptunium complexes
 NT3 neptunyl complexes
 NT2 nobelium complexes
 NT2 plutonium complexes
 NT3 plutonyl complexes
 NT2 transplutonium complexes
 NT3 lawrencium complexes
 NT3 transactinide complexes
 NT4 rutherfordium complexes
 NT1 xenon complexes
 NT1 zinc complexes
 RT adducts
 RT complexometry
 RT coordination number
 RT coordination valences
 RT crown ethers
 RT ligands
 RT ligases
 RT metalloproteins

complexing agents

INIS: 2000-04-12; ETDE: 1985-05-31

USE chelating agents

COMPLEXOMETRY

RT complexes

COMPLIANCE

INIS: 1993-07-28; ETDE: 1976-11-01

SF escrow accounts
 RT administrative procedures
 RT enforcement
 RT laws
 RT legal aspects
 RT recommendations
 RT regulations
 RT standards
 RT violations

COMPLIANCE AUDITS

INIS: 1994-09-29; ETDE: 1983-05-21

BT1 audits

component cooling systems

2000-04-12

USE auxiliary water systems

COMPOSITE MATERIALS

UF materials (composite)
 BT1 materials
 NT1 cermets
 NT2 td-nickel
 NT2 td-nickel chromium
 NT1 concrete-plastic composites
 NT1 fiberglass
 NT1 prestressed concrete
 NT1 reinforced concrete
 NT1 superconducting composites
 NT1 wood-plastic composites
 RT building materials
 RT reinforced materials

COMPOSITE MODELS

UF rishon model
 *BT1 particle models
 NT1 bootstrap model
 NT1 cim model
 NT1 quark model
 NT2 bag model
 NT2 color model
 NT2 flavor model
 NT2 string models
 NT3 superstring models
 RT preons
 RT quarks

COMPOST

INIS: 1992-03-17; ETDE: 1981-07-18

*BT1 organic wastes
 RT composting

RT sewage

COMPOSTING

INIS: 1992-03-17; ETDE: 1975-09-11

*BT1 waste processing
 RT compost
 RT decomposition

COMPOUND NUCLEI

RT hauser-feshbach theory
 RT jackson model
 RT nuclear models
 RT peierls method
 RT porter-thomas distribution

COMPOUND-NUCLEUS REACTIONS

BT1 nuclear reactions
 RT deep inelastic heavy ion reactions
 RT evaporation model
 RT heavy ion fusion reactions
 RT incomplete fusion reactions
 RT quasi-fission

COMPOUND PARABOLIC CONCENTRATORS

INIS: 2000-04-12; ETDE: 1976-11-17

UF winston collectors
 *BT1 solar concentrators
 RT parabolic reflectors

compounds (inorganic)

INIS: 1986-07-10; ETDE: 1980-11-25

USE inorganic compounds

compounds (organic)

USE organic compounds

COMPREGNACITE

2000-04-12

*BT1 oxide minerals
 *BT1 uranium minerals
 RT uranium oxides

COMPRESSED AIR

1992-01-16

*BT1 air
 *BT1 compressed gases
 RT compressed air energy storage
 RT compressed air energy storage equipment
 RT compressed air storage power plants
 RT piston effect

COMPRESSED AIR ENERGY STORAGE

INIS: 1993-01-27; ETDE: 1976-09-28

UF caes
 *BT1 energy storage
 RT compressed air
 RT compressed air energy storage equipment
 RT compressed air storage power plants
 RT compressed gases

COMPRESSED AIR ENERGY STORAGE EQUIPMENT

INIS: 2000-04-12; ETDE: 1977-09-19

BT1 equipment
 RT compressed air
 RT compressed air energy storage
 RT compressed air storage power plants
 RT compressed gases
 RT energy storage systems
 RT peaking power plants

COMPRESSED AIR STORAGE POWER PLANTS

INIS: 1993-01-27; ETDE: 1978-09-13

Compressed air storage power plants.

UF caes plant
 *BT1 peaking power plants
 RT compressed air

RT compressed air energy storage
 RT compressed air energy storage equipment
 RT compressed gases

compressed baryonic matter experiment

2017-11-01

USE cbm detector

COMPRESSED GASES

INIS: 1985-01-17; ETDE: 1976-03-11

*BT1 gases
 NT1 compressed air
 NT1 compressed natural gas
 RT compressed air energy storage equipment
 RT compressed air storage power plants
 RT compressibility
 RT compression
 RT gas compressors

COMPRESSED NATURAL GAS

2015-03-31

*BT1 compressed gases
 *BT1 natural gas

compressed work week

INIS: 2000-04-12; ETDE: 1984-05-08

USE alternative work schedules

COMPRESSIBILITY

BT1 mechanical properties
 RT compressed gases
 RT dilatancy
 RT grueneisen constant

COMPRESSIBLE FLOW

BT1 fluid flow
 RT aerodynamics
 RT gas flow
 RT subsonic flow
 RT supersonic flow
 RT transonic flow

COMPRESSION

NT1 magnetic compression
 RT compressed gases
 RT compression ratio
 RT pressurization

COMPRESSION RATIO

INIS: 2000-04-12; ETDE: 1981-03-17

In internal combustion engines, the ratio between the volume displaced by the piston plus the clearance space to the volume of the clearance space.

BT1 dimensionless numbers
 RT compression
 RT internal combustion engines

COMPRESSION STRENGTH

UF strength (compression)
 BT1 mechanical properties
 RT tensile properties

COMPRESSOR BLADES

INIS: 1999-03-02; ETDE: 1975-10-01

(Until March 1999, this concept was indexed by the combination of COMPRESSORS and TURBINE BLADES.)

UF blades (compressor)
 RT compressors
 RT turbine blades

COMPRESSORS

SF condensers
 NT1 gas compressors
 NT1 magnetoplasma compressors
 NT1 superchargers
 NT2 turbochargers

RT blowers
 RT compressor blades
 RT pressurizers
 RT pumps
 RT reactor cooling systems
 RT turbomachinery

COMPTON DIODE DETECTORS

*BT1 radiation detectors
 RT gamma detection
 RT self-powered detectors

COMPTON EFFECT

1998-02-18

UF compton scattering
 *BT1 elastic scattering
 *BT1 electromagnetic interactions
 RT compton scattering tomography
 RT compton wavelength
 RT klein-nishina formula

compton scattering

USE compton effect

COMPTON SCATTERING TOMOGRAPHY

INIS: 1980-04-02; ETDE: 1980-05-06

Based on the detection by a gamma camera of the 90 degree Compton scattering of a planar gamma beam produced by an external source.

*BT1 tomography
 RT biomedical radiography
 RT compton effect
 RT gamma cameras

COMPTON SPECTROMETERS

*BT1 gamma spectrometers

COMPTON WAVELENGTH

1998-02-18

Wavelength characteristic of particles; its value is $h/(mc)$.

RT compton effect

computational fluid dynamics

2006-04-25

USE computerized simulation
 USE fluid mechanics

computed tomography

INIS: 1980-04-02; ETDE: 1980-05-07

USE computerized tomography

COMPUTER-AIDED DESIGN

INIS: 1977-07-05; ETDE: 1976-02-19

BT1 design
 RT computer-aided manufacturing
 RT computer graphics
 RT computer-graphics devices
 RT computers
 RT mathematical models
 RT planning

computer-aided instruction

2016-06-24

(Prior June 2016 this was a valid descriptor.)

USE e-learning

COMPUTER-AIDED MANUFACTURING

INIS: 1984-01-18; ETDE: 1983-07-07

UF cam
 BT1 manufacturing
 RT automation
 RT computer-aided design
 RT fabrication
 RT machine tools
 RT on-line control systems
 RT production

COMPUTER ARCHITECTURE

INIS: 1987-02-25; ETDE: 1986-07-25

Assembly of logical elements to form a computing system.

RT array processors
 RT computer output devices
 RT computers
 RT digital systems
 RT distributed structures
 RT electronic equipment
 RT equipment interfaces
 RT neural networks
 RT real time systems

computer axial tomography scanning

INIS: 1978-01-16; ETDE: 1978-03-03

USE cat scanning

COMPUTER CALCULATIONS

Methods, not results.

UF calculations (computer)
 RT boundary element method
 RT computer graphics
 RT computer-graphics devices
 RT computerized simulation
 RT computers
 RT data analysis
 RT data visualization
 RT mathematical models
 RT mesh generation
 RT numerical analysis
 RT sensitivity analysis

COMPUTER CODES

Computer codes are indexed by their initial letter and CODES, e.g., A CODES. If the code name begins with a number the code is indexed to NUMBER CODES.

UF computer programs
 SF random number generators
 SF text editors
 NT1 a codes
 NT1 b codes
 NT1 c codes
 NT1 d codes
 NT1 e codes
 NT1 executive codes
 NT1 f codes
 NT1 g codes
 NT1 h codes
 NT1 i codes
 NT1 j codes
 NT1 k codes
 NT1 l codes
 NT1 m codes
 NT1 n codes
 NT1 number codes
 NT1 o codes
 NT1 p codes
 NT1 q codes
 NT1 r codes
 NT1 s codes
 NT1 t codes
 NT1 translators
 NT1 u codes
 NT1 v codes
 NT1 w codes
 NT1 x codes
 NT1 y codes
 NT1 z codes
 RT algorithms
 RT computer program documentation
 RT programming
 RT programming languages
 RT speech synthesizers

COMPUTER GRAPHICS

1982-12-03

The technique of combining computer calculations with various display devices,

printers, plotters, etc., to render information in graphical or pictorial format.

UF chernoff faces
 RT computer-aided design
 RT computer calculations
 RT computer-graphics devices
 RT computer output devices
 RT data visualization
 RT diagrams
 RT display devices
 RT interactive display devices
 RT plotters

COMPUTER-GRAPHICS DEVICES

BT1 computer output devices
 NT1 display devices
 NT2 interactive display devices
 NT1 plotters
 RT computer-aided design
 RT computer calculations
 RT computer graphics
 RT diagrams

computer languages

USE programming languages

COMPUTER NETWORKS

INIS: 1995-10-27; ETDE: 1976-11-01

A complex consisting of two or more interconnected computing units.

UF networks (computer)
 NT1 internet
 NT1 local area networks
 RT computers
 RT cyber attacks
 RT data transmission
 RT information systems
 RT on-line systems
 RT real time systems

COMPUTER OUTPUT DEVICES

INIS: 1990-12-06; ETDE: 1976-03-22

NT1 computer-graphics devices
 NT2 display devices
 NT3 interactive display devices
 NT2 plotters
 RT computer architecture
 RT computer graphics
 RT computers

COMPUTER PROGRAM DOCUMENTATION

INIS: 1987-09-22; ETDE: 1987-10-23

Use only in conjunction with literary indicator V for indexing the actual documentation which enables the installation and use of a computer code.

RT computer codes
 RT manuals
 RT programming
 RT programming languages

computer programming

USE programming

computer programs

USE computer codes

computer simulation

INIS: 1984-04-04; ETDE: 2002-06-13

USE computerized simulation

COMPUTERIZED CONTROL SYSTEMS

INIS: 1991-10-07; ETDE: 1980-03-04

*BT1 on-line control systems
 NT1 adaptive systems
 RT computers
 RT control equipment
 RT cyber attacks
 RT energy management systems

RT fault tolerant computers
 RT redundancy

COMPUTERIZED SIMULATION

INIS: 1996-04-16; ETDE: 1979-04-11

Computer calculated representation of a process, device or concept in mathematical form.

UF computational fluid dynamics
 UF computer simulation
 BT1 simulation
 NT1 large-eddy simulation
 RT computer calculations
 RT data processing
 RT data visualization
 RT energy models
 RT molecular dynamics method
 RT numerical analysis

COMPUTERIZED TOMOGRAPHY

INIS: 1980-04-02; ETDE: 1980-05-06

An imaging technique in which transmission measurements of a narrow beam of rays, photons or particles made at several different angles around an object may be used with a computer program to obtain a clear image of one plane of the object.

UF computed tomography
 *BT1 tomography
 NT1 cat scanning
 NT1 emission computed tomography
 NT2 ecat scanning
 NT2 positron computed tomography
 NT2 single photon emission computed tomography
 NT1 photon computed tomography
 NT1 proton computed tomography
 RT biomedical radiography
 RT ct-guided radiotherapy
 RT data visualization
 RT image processing
 RT image scanners
 RT sequential scanning

COMPUTERS

1996-11-13

(Most UF terms below have been valid ETDE descriptors.)

UF amdahl computers
 UF atlas computers
 UF burroughs computers
 UF denelcor computers
 UF ferranti computers
 UF fluidic computers
 UF ge computers
 UF illiac computers
 UF kdf computers
 UF maniac computers
 UF midas computer
 UF on-line computers
 UF optical computers
 UF orion computers
 UF philco computers
 UF servers (computers)
 UF tosbac computers
 UF ural computers
 UF varian computers
 UF xds computers
 UF xerox data systems computers
 NT1 analog computers
 NT1 apple computers
 NT1 besm computers
 NT1 cdc computers
 NT1 cray computers
 NT1 dec computers
 NT2 pdp computers
 NT1 digital computers
 NT2 array processors
 NT2 calculators
 NT2 fault tolerant computers

NT2 microcomputers
 NT3 personal computers
 NT2 supercomputers

NT1 es computers
 NT1 facom computers
 NT1 fujitsu computers
 NT1 hitachi computers
 NT1 honeywell computers
 NT1 hp computers
 NT1 hybrid computers
 NT1 hypercube computers
 NT1 ibm computers
 NT1 icl computers
 NT1 minsk computers
 NT1 nec computers
 NT1 nord computers
 NT1 process computers
 NT1 quantum computers
 NT1 razdan computers
 NT1 sds computers
 NT1 siemens computers
 NT1 univac computers
 RT analog systems
 RT artificial intelligence
 RT camac system
 RT computer-aided design
 RT computer architecture
 RT computer calculations
 RT computer networks
 RT computer output devices
 RT computerized control systems
 RT data-flow processing
 RT data processing
 RT digital systems
 RT electronic equipment
 RT equipment interfaces
 RT fastbus system
 RT machine translations
 RT magnetic cores
 RT memory management
 RT microprocessors
 RT nuclear instrument modules
 RT parallel processing
 RT programming
 RT real time systems
 RT vector processing

CONCANAVALIN A

INIS: 1981-02-27; ETDE: 1981-03-13

(Prior to November 1990, this material was indexed to CONCANAVALIN.)

*BT1 hemagglutinins
 BT1 lectins
 RT cell cycle
 RT cell proliferation
 RT lymphocytes
 RT mitosis

concentrates (ore)

1982-08-27

USE ore concentrates

CONCENTRATING COLLECTORS

INIS: 1992-03-11; ETDE: 1977-06-21

*BT1 solar collectors
 NT1 fixed mirror collectors
 NT1 parabolic collectors
 NT2 parabolic dish collectors
 NT2 parabolic trough collectors
 NT1 slat type collectors
 NT1 tower focus collectors
 NT1 v trough collectors
 RT solar concentrators
 RT solar receivers

concentration

INIS: 2000-04-12; ETDE: 1978-12-20

SEE abundance
 SEE concentration ratio
 SEE ecological concentration

concentration (analytical)

2000-03-27

SEE abundance

concentration dependence

2000-03-27

SEE abundance

concentration processes (ecological)

INIS: 1993-11-05; ETDE: 2002-06-13

USE ecological concentration

CONCENTRATION RATIO

INIS: 1993-07-12; ETDE: 1978-04-06

See also ISOTOPE RATIO.

(Until July 1993, this concept was indexed in INIS by QUANTITY RATIO.)

UF quantity ratio

SF concentration

BT1 dimensionless numbers

RT abundance

RT concentrator solar cells

RT ecological concentration

RT quantitative chemical analysis

RT radioecological concentration

RT radionuclide kinetics

RT solar concentrators

RT thermodynamic activity

concentrations (radionuclides)

USE radioactivity

CONCENTRATOR SOLAR CELLS

INIS: 1992-05-28; ETDE: 1979-07-18

(Prior to July 1979 SOLAR CELLS or specific solar cells descriptors and solar concentrators were used to index this concept in ETDE.)

*BT1 solar cells

RT concentration ratio

RT solar concentrators

RT solar receivers

CONCENTRATORS

INIS: 1994-06-27; ETDE: 1976-02-19

NT1 centrifuges

NT2 gas centrifuges

NT2 plasma centrifuges

NT2 ultracentrifuges

NT1 cyclone separators

NT1 dewatering equipment

NT1 jigs

NT1 magnetic separators

RT screens

RT separation processes

RT sorting

CONCRETE BLOCKS

INIS: 2000-04-12; ETDE: 1979-07-18

*BT1 building materials

RT concretes

CONCRETE-PLASTIC COMPOSITES

1975-11-27

*BT1 composite materials

RT concretes

RT organic polymers

RT plastics

CONCRETE STRINGERS

RT reinforced concrete

CONCRETES

*BT1 building materials

NT1 prestressed concrete

NT1 reinforced concrete

RT cements

RT concrete blocks

RT concrete-plastic composites

RT mortars

RT pavements

RT sand

RT shielding materials

CONCRETIONS

2000-01-20

Bodies within host rocks representing local concentrations of cementing materials.

BT1 geologic deposits

RT minerals

RT rocks

CONDENSATES

NT1 gas condensates

RT vapor condensation

condensation (organic compounds)

INIS: 2000-04-12; ETDE: 1983-04-28

USE dehydrocyclization

condensation (vapor)

USE vapor condensation

CONDENSATION CHAMBERS

RT control equipment

RT pressure suppression

RT reactor components

RT reactor cooling systems

RT reactor safety

RT vapor condensation

CONDENSATION NUCLEI

INIS: 1981-09-17; ETDE: 1978-04-06

Small particles upon which gases can condense, such as dust in the earth's atmosphere.

RT aerosols

RT aitken nuclei

RT meteorology

RT particles

RT vapor condensation

CONDENSATION PARTICLE COUNTERS

2013-12-13

*BT1 air pollution monitors

RT aerosol monitoring

RT aerosols

RT cascade impactors

condensed aromatics

1996-07-08

Till April 2017 was a valid term.

USE polycyclic aromatic hydrocarbons

condensed cycloalkanes

INIS: 2000-04-12; ETDE: 1976-12-16

(Prior to February 1995, this was a valid ETDE descriptor.)

USE cycloalkanes

CONDENSER COOLING SYSTEMS

1980-07-24

For heat dissipation in either nuclear or fossil fueled power plants. May be of open circuit or closed cycle design.

*BT1 auxiliary water systems

*BT1 cooling systems

RT reactor cooling systems

CONDENSER IONIZATION CHAMBERS

UF pocket chambers

*BT1 dosimeters

*BT1 ionization chambers

RT electrometers

condensers

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

SEE compressors

SEE heat exchangers

SEE vapor condensers

condensers (electric)

USE capacitors

condensers (steam)

USE steam condensers

condensers (using ice)

INIS: 1977-01-25; ETDE: 2002-06-13

Steam condensers using ice as the heat sink.

USE ice condensers

condensers (vapor)

USE vapor condensers

CONDENSING BOILERS

2007-07-27

BT1 boilers

RT flue gas

RT vapor condensers

condiments

2000-04-12

(Prior to September 1994, this was a valid ETDE descriptor.)

USE food

condition ratio

INIS: 2000-04-12; ETDE: 1983-01-21

USE formation damage

CONDITIONED REFLEXES

BT1 reflexes

RT avoidance

RT cerebral cortex

RT learning

conduction (thermal)

INIS: 1978-09-28; ETDE: 2002-06-13

USE thermal conduction

conductivity (electric)

USE electric conductivity

conductivity (thermal)

USE thermal conductivity

CONDUCTOR DEVICES

*BT1 electrical equipment

NT1 connectors

NT1 electric cables

NT2 coaxial cables

NT2 cryogenic cables

NT2 gas-insulated cables

NT2 mineral-insulated cables

NT2 oil-filled cables

NT2 superconducting cables

NT1 electric fuses

RT electric conductors

RT resistors

conductors (electric)

USE electric conductors

CONES

1983-09-05

RT shape

conferences

USE meetings

CONFIGURATION*For the relative arrangement of component parts; for electron configuration in atoms and molecules use ELECTRONIC STRUCTURE; for nuclear configuration use NUCLEAR STRUCTURE; for molecular configuration use MOLECULAR STRUCTURE.*

UF fuel rod consolidation

NT1 annular space

NT2 toroidal configuration

NT1 circular configuration

NT1 conical configuration

NT1 cylindrical configuration
NT1 elliptical configuration
NT1 helical configuration
NT1 hexagonal configuration
NT1 hyperbolic configuration
NT1 prismatic configuration
NT1 rectangular configuration
NT2 square configuration
NT1 spherical configuration
NT1 spiral configuration
NT1 triangular configuration
RT anisotropy
RT asymmetry
RT crystal structure
RT geometry
RT isotropy
RT mass distribution
RT morphology
RT network analysis
RT orientation
RT reactor lattices
RT rings
RT shape
RT symmetry

CONFIGURATION CONTROL

1999-05-12

Reactor control by varying the configuration of the fuel, reflector, coolant or moderator.

BT1 control
NT1 spectral shift control
RT moderators
RT neutron reflectors
RT reactor control systems
RT reactor lattices
RT reflector savings

configuration dependence

INIS: 2000-04-12; ETDE: 1979-08-07

USE space dependence

CONFIGURATION INTERACTION

Not for interactions of elementary particles; for which see INTERACTIONS.

RT atomic models
RT conformational changes
RT electronic structure
RT molecular structure

CONFIGURATION MIXING

BT1 interactions
RT kobayashi-maskawa matrix

CONFINEMENT

NT1 plasma confinement
NT2 inertial confinement
NT2 magnetic confinement
NT3 h-mode plasma confinement
NT3 l-mode plasma confinement
RT electron rings
RT energy balance
RT ion rings
RT magnetic field configurations
RT magnetic insulation
RT mass balance

CONFINEMENT TIME

RT h-mode plasma confinement
RT lawson criterion
RT plasma confinement
RT plasma disruption
RT thermonuclear devices
RT thermonuclear reactors
RT time dependence

CONFLICTS OF INTEREST

INIS: 1993-07-28; ETDE: 1980-08-25

RT antitrust laws
RT contracts
RT legal aspects

CONFORMAL GROUPS

***BT1** lie groups
RT conformal invariance
RT conformal mapping

CONFORMAL INVARIANCE

BT1 invariance principles
RT conformal groups
RT scale dimension
RT scale invariance

CONFORMAL MAPPING

***BT1** topological mapping
RT conformal groups
RT mathematics
RT smooth manifolds

CONFORMATIONAL CHANGES

INIS: 1993-09-01; ETDE: 1980-02-11

RT configuration interaction
RT electronic structure
RT molecular structure

CONGENITAL DISEASES

UF xeroderma pigmentosum
BT1 diseases
NT1 downs syndrome
RT congenital malformations
RT hereditary diseases

CONGENITAL MALFORMATIONS

***BT1** malformations
NT1 downs syndrome
RT congenital diseases
RT delayed radiation effects
RT fetuses
RT genetic effects
RT mutations
RT pediatrics
RT teratogenesis
RT teratogens

CONGLOMERATES

Limited to geological formations.

***BT1** sedimentary rocks
NT1 calcretes
RT graywacke

congo democratic republic

(Prior to September 1997 ZAIRE REPUBLIC was used for this concept in ETDE.)

USE democratic republic of the congo

congo kinshasa triga reactor

USE trico reactor

CONGO PEOPLES REPUBLIC

BT1 africa
BT1 developing countries
NT1 brazzaville

congo red

1996-10-22

(Until October 1996 this was a valid descriptor.)

USE amines
 USE azo dyes
 USE indicators
 USE sulfonic acids

congressional hearings

INIS: 2000-04-12; ETDE: 1975-11-11

USE hearings

CONGRESSIONAL INQUIRIES

INIS: 2000-04-12; ETDE: 1983-03-23

Requests by members of congress for information; not to be used for CONGRESSIONAL HEARINGS.

RT information

CONICAL CONFIGURATION

ETDE: 1975-09-11

BT1 configuration

CONIDIA

BT1 spores
RT fungi

CONIFERS

1997-06-17

***BT1** pinophyta
NT1 cedars
NT1 firs
NT1 hemlocks
NT1 larches
NT1 pines
NT1 spruces
RT shrubs
RT trees

coning

INIS: 2000-04-12; ETDE: 1976-03-11

USE channeling

conjugate points

USE geomagnetic conjugacy

CONJUNCTIVA

***BT1** eyes
***BT1** mucous membranes
RT conjunctivitis
RT epithelium

CONJUNCTIVITIS

***BT1** sense organs diseases
RT conjunctiva

CONNAH QUAY-B REACTOR

***BT1** agr type reactors
***BT1** carbon dioxide cooled reactors
***BT1** power reactors

connate water

2000-04-12

Water entrapped in the interstices of a sedimentary or extrusive igneous rock at the time of its deposition.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE interstitial water

CONNECTICUT

1997-06-17

***BT1** usa
RT connecticut river
RT connecticut river basin
RT long island sound
RT us east coast

CONNECTICUT RIVER

1997-06-17

***BT1** rivers
RT connecticut
RT connecticut river basin
RT massachusetts
RT new hampshire
RT vermont

CONNECTICUT RIVER BASIN

INIS: 2000-04-12; ETDE: 1977-09-19

BT1 watersheds
RT connecticut
RT connecticut river
RT massachusetts
RT new hampshire
RT vermont

CONNECTICUT YANKEE REACTOR

Connecticut Yankee Atomic Co., Haddam Neck, Connecticut, USA. Shut down in 1996. Decommissioned.

UF haddam neck reactor

UF yankee connecticut reactor
 *BT1 pwr type reactors

connecting

USE fastening

connections

USE joints

CONNECTIVE TISSUE

*BT1 animal tissues
 NT1 adipose tissue
 NT1 bone tissues
 NT2 antlers
 NT2 trabecular bone
 NT1 cartilage
 NT1 fascia
 NT1 ligaments
 NT1 tendons
 RT blood
 RT collagen
 RT connective tissue cells
 RT fibrosis
 RT reticuloendothelial system

CONNECTIVE TISSUE CELLS

UF osteoblasts
 *BT1 somatic cells
 NT1 bone cells
 NT1 bone marrow cells
 NT1 fat cells
 NT1 fibroblasts
 NT1 lymphocytes
 NT1 macrophages
 NT1 mast cells
 NT1 plasma cells
 RT connective tissue

CONNECTORS

SF junctions
 *BT1 conductor devices
 RT potheads
 RT switches

conoco gasification process

INIS: 2000-04-12; ETDE: 1981-06-13
The process is based on British gas/Lurgi slagging gasification technology and shift/methanation technology developed by Conoco inc.
 (Prior to July 1993, this was a valid ETDE descriptor.)
 USE coal gasification

conoco process

INIS: 2000-04-12; ETDE: 1976-11-01
Desulfurization of low btu gas from coal gasification by reacting hydrogen sulfide with calcium carbonate magnesiumoxide at 1775 degrees F and 15 atm to form calcium sulfide magnesium oxide.
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE desulfurization

consent orders

INIS: 2000-04-12; ETDE: 1979-12-10
 (Prior to March 1997 this was a valid ETDE descriptor.)
 USE orders

conservation (charge)

INIS: 1982-12-03; ETDE: 2002-06-13
 USE charge conservation

conservation (energy)

INIS: 1982-12-03; ETDE: 1979-11-23
 USE energy conservation

conservation (resource)

INIS: 2000-04-12; ETDE: 1975-09-11
 USE resource conservation

conservation (resources)

INIS: 1982-12-03; ETDE: 2002-06-13
 USE resource conservation

CONSERVATION LAWS

RT continuity equations
 RT fundamental interactions
 RT invariance principles
 RT particle kinematics

CONSOL FGD PROCESS

INIS: 2000-04-12; ETDE: 1977-08-24
Concentrated aqueous solution of potassium thiosulfate is circulated through a pump-around loop containing a packed bed scrubber for sulfur dioxide removal and an external reaction drum.
 *BT1 desulfurization
 RT scrubbers

CONSOL STIRRED BED PROCESS

INIS: 2000-04-12; ETDE: 1975-11-28
Fluidized-bed carbonization of ground coal in vessel equipped with stirrer blades.
 RT carbonization
 RT chars

consol synthetic fuel process

2000-04-12
 USE coal liquefaction

CONSOL SYNTHETIC GAS PROCESS

2000-04-12
Coarse caking coal and non-caking pellets are gasified conventionally in a fixed bed to produce a low btu gas with air or a synthesis gas with oxygen.
 *BT1 coal gasification

CONSOLES

RT control rooms
 RT display devices
 RT electronic equipment

consolidated edison thorium reactor

1993-11-05
 USE indian point-1 reactor

CONSOLIDATED FUEL REPROCESSING PROGRAM

INIS: 1994-08-22; ETDE: 1980-10-27
A comprehensive program to develop and demonstrate breeder reprocessing and recycle.
 (Until August 1994 this descriptor was spelled CFRP PROGRAM.)
 UF cfrp program
 *BT1 coordinated research programs
 RT hef
 RT reprocessing

consolidation (sand)

INIS: 2000-04-12; ETDE: 1981-05-18
 USE sand consolidation

CONSORT-2 REACTOR

Imperial College of Science and Technology for Univ. of London, Ascot, Berkshire, United Kingdom. Under decommissioning.
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 training reactors

CONSPIRACY RELATIONS

RT regge poles
 RT scattering

CONSTANTAN

1993-10-03
 *BT1 alloy-cu52ni47

CONSTIPATION

BT1 symptoms
 RT diarrhea
 RT digestive system diseases
 RT intestines

constituent interchange model

INIS: 1978-08-14; ETDE: 1978-04-27
 USE cim model

constraints

INIS: 2000-04-12; ETDE: 1981-07-18
Used to denote all barriers to development. (Until March 1996 this was a valid ETDE descriptor.)
 SEE limiting values

CONSTRUCTION

2000-04-03
For manufacturing see FABRICATION.
 UF building (constructing)
 NT1 cwip
 RT afudc
 RT building codes
 RT buildings
 RT construction industry
 RT contracts
 RT excavation
 RT foundations
 RT installation
 RT mechanical structures
 RT mine drivage
 RT modifications
 RT modular structures
 RT nuclear industry
 RT planning
 RT retrofitting
 RT schedules
 RT structural beams
 RT vernacular architecture

CONSTRUCTION INDUSTRY

INIS: 1992-04-06; ETDE: 1977-09-19
 BT1 industry
 RT architects
 RT builders
 RT buildings
 RT construction
 RT engineers
 RT modular structures

CONSTRUCTION PERMITS

INIS: 1976-12-08; ETDE: 1978-03-08
 BT1 licenses

construction work in progress

INIS: 2000-04-03; ETDE: 1978-11-14
 USE cwip

CONSTRUCTIVE FIELD THEORY

INIS: 1977-11-21; ETDE: 1978-03-08
 UF euclidean quantum field theory
 *BT1 quantum field theory
 NT1 lattice field theory

CONSULTANTS

INIS: 1999-08-19; ETDE: 1980-07-09
 BT1 personnel
 RT contracts

consultation mechanism on sea dumping

INIS: 1993-11-05; ETDE: 2002-06-13
Multilateral Consultation and surveillance Mechanism for Sea Dumping of Radioactive Waste.
 USE oecd mcmsdrw

consumer guides

INIS: 2000-04-12; ETDE: 1977-06-21

Use DIRECTORIES or RECOMMENDATIONS and the descriptor below.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE consumer products

consumer price index

INIS: 2000-04-12; ETDE: 1979-09-27

(Prior to March 1996 this was a valid ETDE descriptor.)

USE retail prices

consumer prices

INIS: 2000-04-12; ETDE: 1996-03-28

USE retail prices

CONSUMER PRODUCTS

INIS: 1980-09-12; ETDE: 1977-10-20

Articles of commerce available to the general public. When possible, use descriptors for the specific products, e.g., food, clothing, instruments and pharmaceuticals.

UF consumer guides

UF cosmetics

RT advertising

RT clothing

RT consumer protection

RT drugs

RT food

CONSUMER PROTECTION

INIS: 1992-02-03; ETDE: 1977-06-21

RT consumer products

RT interest groups

RT legal aspects

RT product labeling

RT public relations

RT regulations

RT us natural gas policy act

RT warranties

consumers michigan palisades**reactor**

USE palisades-1 reactor

consumers power company midland-1

2000-04-12

USE midland-1 reactor

consumers power company midland-1 reactor

INIS: 1993-11-05; ETDE: 2002-06-13

USE midland-1 reactor

consumers power company midland-2

2000-04-12

USE midland-2 reactor

consumers power company midland-2 reactor

INIS: 1993-11-05; ETDE: 2002-06-13

USE midland-2 reactor

CONSUMPTION RATES

1993-06-03

For actions, ratios, percentages; not for consumption as a function of time.

RT energy consumption

RT fuel consumption

CONTACT HANDLING

INIS: 1985-12-10; ETDE: 1984-10-24

Handling by touch, perhaps made allowable because of low surface radiation dose rate.

RT materials handling

RT materials handling equipment

RT remote handling

contact radiotherapy

USE radiotherapy

contactors

USE switches

contacts (electric)

USE electric contacts

CONTAINED EXPLOSIONS

1996-07-16

UF monique event

UF pokhran event

UF wagon wheel event

*BT1 underground explosions

RT anvil project

RT bedrock project

RT chemical explosions

RT crosstie operation

RT grommet operation

RT latchkey operation

RT mandrel operation

RT mining

RT nougat operation

RT nuclear explosions

RT praetorian project

RT sun beam operation

RT surface mining

RT toggle operation

RT whetstone operation

CONTAINERS

UF canisters

UF vessels

NT1 calandrias

NT1 capsules

NT1 casks

NT2 spent fuel casks

NT1 dewars

NT1 gas cylinders

NT1 hoppers

NT1 pressure vessels

NT1 reactor vessels

NT1 tanks

NT2 floating roof tanks

NT2 hydraulic accumulators

RT chemical reactors

RT containment

RT coverings

RT liners

RT packaging

RT radiation sources

RT reactor components

RT shielding

RT transport

CONTAINMENT

Means and methods for preventing the escape of radioactive materials to the biosphere, particularly in the case of reactor accidents and including entombment.

UF entombment (radioactive materials)

NT1 containment buildings

NT1 containment shells

NT1 containment systems

NT2 containment spray systems

RT containers

RT containment mockup facility

RT containment research installation

RT fission product release

RT fission products

RT gloveboxes

RT leaks

RT radiation protection

RT reactor components

RT reactor safety

RT sealed sources

RT source terms

CONTAINMENT BUILDINGS

UF buildings (containment)

BT1 buildings

BT1 containment

CONTAINMENT MOCKUP FACILITY

BT1 reactor safety experiments

RT containment

CONTAINMENT RESEARCH INSTALLATION

BT1 reactor safety experiments

RT containment

CONTAINMENT SHELLS

UF shells (containment)

BT1 containment

CONTAINMENT SPRAY SYSTEMS

UF spray systems (containment)

*BT1 containment systems

RT pressure suppression

RT reactor safety

CONTAINMENT SYSTEMS

BT1 containment

BT1 engineered safety systems

NT1 containment spray systems

RT containment systems experiment

RT fission products

RT ice condensers

CONTAINMENT SYSTEMS EXPERIMENT

BT1 reactor safety experiments

RT containment systems

CONTAMINATION

For radioactive contamination only; see also POLLUTION.

NT1 indoor air contamination

NT1 surface contamination

NT1 transfrontier contamination

RT body burden

RT clean rooms

RT contamination regulations

RT environment

RT environmental degradation

RT fallout

RT fission product release

RT fouling

RT global aspects

RT impurities

RT lcpmpdpw

RT liquid contamination monitors

RT maximum acceptable contamination

RT medical surveillance

RT oecd mcmsdrw

RT pollutants

RT radioactive wastes

RT radioactivity

RT radioactivity range

RT radioactivity transport

RT radioecological concentration

RT radiological dispersal devices

RT remedial action

contamination (internal)

USE radionuclide kinetics

contamination (surface)

2000-04-12

USE surface contamination

CONTAMINATION REGULATIONS

Regulations for radioactive contamination only; see also POLLUTION REGULATIONS.

*BT1 regulations

NT1 maximum acceptable contamination

RT contamination

RT pollution regulations
RT transfrontier contamination

content analysis

USE chemical analysis

CONTIGS

INIS: 2000-04-12; ETDE: 1994-02-24
Chromosomal fragments produced by cleavage of a chromosome into overlapping sections of DNA of 0.5 to 5 million base pairs.

*BT1 dna
RT chromosomes
RT endonucleases
RT genetic mapping

CONTINENTAL CRUST

INIS: 1981-09-18; ETDE: 1977-09-19

BT1 earth crust
RT earth planet
RT oceanic crust

CONTINENTAL MARGIN

INIS: 1991-10-07; ETDE: 1978-12-11
The ocean floor that is between the shoreline and the abyssal ocean floor including the continental borderland, the continental shelf, the continental slope, and the continental rise.

NT1 continental shelf
NT1 continental slope
RT coastal waters

CONTINENTAL SHELF

1997-06-19

UF outer continental shelf
BT1 continental margin
RT coastal waters
RT coastal zone management acts
RT continental slope
RT mid-atlantic bight
RT new york bight
RT santa barbara channel
RT south atlantic bight
RT submarine canyons
RT territorial waters

CONTINENTAL SLOPE

INIS: 1991-10-07; ETDE: 1978-06-14
That part of the continental margin that is between the continental shelf and the continental rise.

BT1 continental margin
RT coastal waters
RT continental shelf
RT submarine canyons

CONTINUED FRACTIONS

Finite or infinite.

RT analytic functions
RT series expansion

CONTINUITY EQUATIONS

*BT1 partial differential equations
RT conservation laws
RT electromagnetism
RT fluid flow
RT heat transfer

CONTINUOUS CULTURE

INIS: 1997-06-19; ETDE: 1978-06-14

RT aerobic digestion
RT anaerobic digestion
RT batch culture
RT culture media
RT fermentation
RT semibatch culture
RT single cell protein

CONTINUOUS CURRENT TOKAMAK

INIS: 1991-08-12; ETDE: 1991-09-13

*BT1 tokamak devices

continuous intake

USE chronic intake

continuous irradiation

USE chronic irradiation

CONTINUOUS MINERS

INIS: 2000-04-12; ETDE: 1978-05-03

*BT1 cutter loaders

continuous vacuum casting

USE vacuum casting

continuum shell model

INIS: 1976-01-28; ETDE: 2002-06-13

USE shell models

contract administration

INIS: 2000-04-12; ETDE: 1983-03-24

USE contract management

CONTRACT MANAGEMENT

INIS: 1993-03-23; ETDE: 1980-09-05
(Prior to March 1983 this concept in ETDE was indexed to PROGRAM MANAGEMENT.)

UF contract administration
*BT1 program management
RT contractors
RT contracts
RT schedules

contracting of energy services

2004-02-11

Delivery of energy services (energy supplied in the form of heat and/or power) to a user by a third party under contract.

USE contractors
USE energy supplies

CONTRACTION

RT expansion
RT expansion joints
RT shrinkage
RT thermal expansion

CONTRACTOR PERSONNEL

INIS: 1993-07-28; ETDE: 1983-03-23

Persons employed by a contractor.

BT1 personnel
RT contractors
RT contracts

CONTRACTORS

INIS: 1986-07-09; ETDE: 1983-03-23

Persons or companies which supply services under contract.

UF contracting of energy services
UF subcontractors
RT contract management
RT contractor personnel
RT contracts

CONTRACTS

UF fixed-price contracts
NT1 leases
RT agreements
RT conflicts of interest
RT construction
RT consultants
RT contract management
RT contractor personnel
RT contractors
RT delivery
RT leasing
RT proposals
RT third-party use
RT time delay

contractual liability

INIS: 1990-12-15; ETDE: 2002-06-13

(Prior to December 1990, this was a valid descriptor.)

USE liabilities

CONTRAST MEDIA

1996-10-23

UF diodrast
UF iodopyracet
NT1 hippuran
NT1 iohexol
NT1 iopamidol
NT1 lipiodol
NT1 metrizamide
NT1 thorotrast
RT biomedical radiography
RT nuclear magnetic resonance

CONTROL

Regulating a process, property or component in a qualitative or quantitative sense. Not to be confused with MONITORING which refers only to detection or measurement.

UF attitude control
NT1 atomic energy control
NT2 international control
NT2 national control
NT1 closed-loop control
NT1 combustion control
NT1 configuration control
NT2 spectral shift control
NT1 erosion control
NT1 flood control
NT1 fluid poison control
NT1 frequency control
NT1 humidity control
NT1 knock control
NT1 mode control
NT1 open-loop control
NT1 optimal control
NT1 pest control
NT2 genetic control
NT2 pest eradication
NT1 pollution control
NT2 air pollution control
NT3 carbon sequestration
NT2 land pollution control
NT2 noise pollution control
NT2 oil pollution containment
NT2 water pollution control
NT1 pressure control
NT1 process control
NT1 quality control
NT1 remote control
NT1 scale control
NT1 temperature control
NT1 traffic control
RT bifurcation
RT control systems
RT control theory
RT cybernetics
RT decision tree analysis
RT detection
RT fault tree analysis
RT feedback
RT mitigation
RT monitoring
RT optimization

control (inspection)

USE inspection

control (radioactivity)

USE radiation monitoring

CONTROL ELEMENTS

UF control rods
UF reactor control rods
UF rods (control)

BT1 reactor components
 NT1 regulating rods
 NT1 scram rods
 NT1 shim rods
 RT burnable poisons
 RT control rod drives
 RT control rod worths
 RT guide tubes
 RT neutron absorbers
 RT reactor control systems
 RT reactor cores
 RT reactor kinetics
 RT rod drop accidents
 RT rod drop method
 RT rod ejection accidents

CONTROL EQUIPMENT

BT1 equipment
 NT1 electric controllers
 NT1 flow regulators
 NT2 baffles
 NT2 valves
 NT3 relief valves
 NT3 water faucets
 NT1 fluidic control devices
 NT1 humidistats
 NT1 hydraulic control devices
 NT1 pneumatic controllers
 NT1 pressure regulators
 NT1 servomechanisms
 NT1 speed regulators
 NT1 thermostats
 NT2 cryostats
 RT actuators
 RT computerized control systems
 RT condensation chambers
 RT control rooms
 RT control systems
 RT excitation systems
 RT knock control
 RT reactor components
 RT robots
 RT solar tracking

CONTROL ROD DRIVES

BT1 reactor components
 RT control elements
 RT reactor control systems

control rod effectiveness

USE control rod worths

CONTROL ROD WORTHS

UF control rod effectiveness
 RT control elements
 RT nordheim-scalett method
 RT reactor kinetics

control rods

USE control elements

CONTROL ROOMS

INIS: 1979-12-20; ETDE: 1977-08-09

In the sense of the fully instrumented complex of control equipment, displays and instruments and their layout in a room at a particular facility and not in the limited sense of a part of a building.

RT consoles
 RT control equipment
 RT display devices
 RT man-machine systems
 RT reactor control systems
 RT reactor instrumentation
 RT reactor simulators

CONTROL SYSTEMS

For automated processes including feedback.

NT1 electronic guidance
 NT1 energy management systems
 NT1 entry control systems

NT1 on-line control systems
 NT2 computerized control systems
 NT3 adaptive systems
 NT1 reactor control systems
 NT1 var control systems
 RT control
 RT control equipment
 RT heliostats
 RT identification systems
 RT interlocks
 RT man-machine systems
 RT optimization
 RT power conditioning circuits
 RT real time systems
 RT robots
 RT systems analysis

CONTROL THEORY

INIS: 1976-09-06; ETDE: 1976-11-01

RT control
 RT differential equations
 RT feedback
 RT optimization

control theory (fission reactor)

INIS: 1993-11-05; ETDE: 2002-06-13

USE reactor kinetics

control theory (reactor)

2000-04-12

USE reactor kinetics

CONTROLLED AREAS

INIS: 1976-12-08; ETDE: 1978-03-08

Areas designated by radiation protection regulations for special monitoring.

RT nuclear facilities
 RT radiation monitoring
 RT radiation protection

CONTROLLED ATMOSPHERES

1999-03-17

BT1 atmospheres
 NT1 inert atmosphere
 NT2 cover gas
 RT clean rooms
 RT environment
 RT exposure chambers
 RT heat treatments

controlled fusion

2018-04-06

USE controlled thermonuclear fusion

controlled terminology

USE standardized terminology

CONTROLLED THERMONUCLEAR FUSION

2018-04-06

UF controlled fusion
 BT1 thermonuclear devices
 *BT1 thermonuclear reactions

conv assist nuc acc/rad emerg

INIS: 1989-02-24; ETDE: 2002-06-13

USE canare

CONVECTION

Heat transfer by convection.

*BT1 heat transfer
 BT1 mass transfer
 NT1 forced convection
 NT1 natural convection
 NT1 thermosyphon effect
 RT advection
 RT richardson number

CONVECTIVE INSTABILITIES

A class of plasma instabilities growing exponentially with time in velocity space.

*BT1 plasma instability

RT absolute instabilities
 RT briggs criterion

convective loop houses

INIS: 1992-08-25; ETDE: 1981-06-13

USE double envelope buildings

CONVECTORS

2006-03-31

BT1 heat exchangers
 *BT1 space heaters

convention on early notification of nuclear accident

INIS: 1993-11-05; ETDE: 1989-03-20

USE cenna

convention on nuclear safety

INIS: 2002-01-22; ETDE: 1999-12-15

USE international convention on nuclear safety

convention on physical protection of nuclear material

1993-11-05

USE cppnm

convention on supplementary compensation for nuclear damage

2000-10-18

USE cscnd

convention on the physical protection of nuclear materials

INIS: 2000-04-12; ETDE: 1990-11-26

USE cppnm

CONVENTIONAL NEUTRINOS

2018-06-19

*BT1 atmospheric neutrinos

CONVENTIONAL WARFARE

INIS: 2000-04-12; ETDE: 1986-02-03

BT1 warfare

conventions

USE agreements

CONVERGENCE

1982-12-07

Approach to a limit, e.g.

(by an infinite sequence; prior to December 1982 this concept was indexed by SERIES EXPANSION.)

RT mathematics
 RT series expansion
 RT superconvergence relations

CONVERSION

NT1 energy conversion
 NT2 direct energy conversion
 NT3 photovoltaic conversion
 NT3 thermionic conversion
 NT3 thermoelectric conversion
 NT3 thermomagnetic conversion
 NT3 thermophotovoltaic conversion
 NT2 electrochemical energy conversion
 NT2 geothermal energy conversion
 NT2 heat production
 NT2 solar energy conversion
 NT3 ocean thermal energy conversion
 NT3 solar thermal conversion
 NT1 external conversion
 NT1 internal conversion
 NT2 k conversion
 NT2 l conversion
 NT2 m conversion

conversion (nuclear fuel)

USE nuclear fuel conversion

CONVERSION RATIO

BT1 dimensionless numbers
 NT1 breeding ratio
 RT nuclear fuel conversion

converters (analog-digital)

USE analog-to-digital converters

converters (digital-analog)

USE digital-to-analog converters

converters (electric)

INIS: 2000-04-12; ETDE: 1977-05-07
 USE dc to dc converters

converters (image)

USE image converters

converters (pulse)

USE pulse converters

convertol process

INIS: 2000-04-12; ETDE: 1977-06-24
 Process developed in Germany for cleaning and dewatering coal-washery slurries. (Prior to September 1994, this was a valid ETDE descriptor.)
 USE coal preparation

CONVEX MANIFOLDS

INIS: 1976-09-06; ETDE: 1976-11-01
 BT1 mathematical manifolds

CONVEYORS

INIS: 1985-12-10; ETDE: 1977-03-04
 *BT1 haulage equipment
 NT1 belt conveyors
 NT1 chain conveyors
 RT materials handling
 RT mining equipment
 RT transport

cony

1996-07-08
 (Prior to July 1996 PIKAS was a valid ETDE descriptor.)
 USE mammals

COOK-1 REACTOR

Indiana Michigan Power Co., Bridgman, Michigan, USA.
 UF donald c. cook-1 reactor
 *BT1 pwr type reactors

COOK-2 REACTOR

Indiana Michigan Power Co., Bridgman, Michigan, USA.
 UF donald c. cook-2 reactor
 *BT1 pwr type reactors

cook inlet

INIS: 1992-06-04; ETDE: 1977-01-28
 USE gulf of alaska

cooking

INIS: 2000-04-12; ETDE: 1979-12-10
 SEE food processing

cooking (food)

INIS: 1984-04-04; ETDE: 2002-06-13
 USE food processing

COOLANT CLEANUP SYSTEMS

1977-10-17
 *BT1 primary coolant circuits
 RT cleaning
 RT decontamination
 RT extraction apparatuses
 RT filters
 RT purification

coolant-fuel interactions

USE fuel-coolant interactions

COOLANT LOOPS

For reactors use REACTOR COOLING SYSTEMS or IN PILE LOOPS.

UF loops (coolant)
 *BT1 cooling systems
 RT auxiliary water systems
 RT bypasses
 RT circulating systems
 RT closed-cycle cooling systems
 RT cooling
 RT heat transfer fluids
 RT heating loops
 RT open-cycle cooling systems

COOLANTS

See also specific coolant materials.

NT1 organic coolants
 RT cooling
 RT cutting fluids
 RT fuel-coolant interactions
 RT gases
 RT heavy water
 RT lead-bismuth eutectic
 RT liquid metals
 RT loss of coolant
 RT molten salts
 RT oils
 RT reactor cooling systems
 RT reactor materials
 RT refrigerants
 RT steam
 RT water
 RT water chemistry

coolers

USE heat exchangers

COOLING

SF heat dissipation
 NT1 district cooling
 NT1 evaporative cooling
 NT1 film cooling
 NT1 fog cooling
 NT1 gas cooling
 NT1 radiative cooling
 NT1 refrigeration
 NT2 geothermal refrigeration
 NT2 helium dilution refrigeration
 NT2 solar refrigeration
 NT1 splat cooling
 NT1 spray cooling
 NT1 subcooling
 NT1 sublimation cooling
 NT1 supercooling
 RT air conditioning
 RT coolant loops
 RT coolants
 RT cooling ponds
 RT cooling systems
 RT cooling time
 RT cooling towers
 RT fuel cooling time
 RT heat exchangers
 RT heat extraction
 RT heat pumps
 RT heat transfer
 RT heating
 RT ice condensers
 RT once-through cooling systems
 RT reactor cooling systems
 RT temperature control
 RT temperature noise
 RT vapor condensation
 RT water
 RT water coolers

COOLING LOAD

INIS: 2000-04-12; ETDE: 1975-10-01
 RT air conditioning
 RT heat gain

RT heating load
 RT solar heating
 RT sun shades

COOLING PONDS

1992-06-05
 UF ponds (cooling)
 UF spray ponds
 *BT1 ponds
 *BT1 water reservoirs
 RT cooling
 RT cooling systems
 RT lakes

COOLING SYSTEMS

1976-02-11
 SF thermally active structural components
 BT1 energy systems
 NT1 closed-cycle cooling systems
 NT1 condenser cooling systems
 NT1 coolant loops
 NT1 once-through cooling systems
 NT1 open-cycle cooling systems
 NT1 reactor cooling systems
 NT2 direct cycle cooling systems
 NT2 dual cycle cooling systems
 NT2 integrated cooling systems
 NT2 primary coolant circuits
 NT3 coolant cleanup systems
 NT2 rcic systems
 NT2 rhr systems
 NT2 secondary coolant circuits
 NT2 shrouds
 NT2 tertiary coolant circuits
 NT1 thermonuclear reactor cooling systems
 RT absorption refrigeration cycle
 RT ceiling fans
 RT chemical heat pumps
 RT cooling
 RT cooling ponds
 RT cooling towers
 RT discharge canals
 RT evaporative cooling
 RT intake structures
 RT legionella pneumophila
 RT refrigerating machinery
 RT refrigerators
 RT vapor compression refrigeration cycle

cooling systems (fission reactor)

1993-11-05
 USE reactor cooling systems

cooling systems (fusion reactor)

INIS: 1993-11-05; ETDE: 2002-06-13
 USE thermonuclear reactor cooling systems

COOLING TIME

INIS: 1984-04-04; ETDE: 1979-09-26
 NT1 fuel cooling time
 RT cooling
 RT heat extraction

cooling tower packing grids

2000-04-12
 USE packings

COOLING TOWERS

UF counterflow cooling towers
 UF crossflow cooling towers
 UF dry-type cooling towers
 UF forced draft cooling towers
 UF mechanical draft cooling towers
 UF natural draft cooling towers
 UF wet-type cooling towers
 SF towers
 RT closed-cycle cooling systems
 RT cooling

RT cooling systems
 RT counterflow systems
 RT crossflow systems
 RT evaporative cooling
 RT heat exchangers
 RT open-cycle cooling systems
 RT packings
 RT reactor components
 RT vapor condensers

cooling water chemical treatment

1993-11-05

USE water chemistry

COOPER PAIRS

RT bose-einstein statistics
 RT coherence length
 RT electrons
 RT fermi level
 RT superconductivity

COOPER REACTOR

Nebraska Public Power District, Brownville, Nebraska, USA.

*BT1 bwr type reactors

COOPERATION

INIS: 1986-07-10; ETDE: 1979-12-17

NT1 interagency cooperation
 NT1 intergovernmental cooperation
 NT1 international cooperation
 NT1 joint ventures
 NT1 regional cooperation
 RT agreements
 RT cooperatives
 RT coordinated research programs
 RT interlaboratory comparisons

cooperative spontaneous emission

INIS: 1993-11-05; ETDE: 2002-06-13

USE superradiance

COOPERATIVES

INIS: 2000-06-27; ETDE: 1980-01-15

To be used in coordination with the descriptor for the pertinent industry or utility.

UF agricultural cooperatives
 UF electric cooperatives
 UF petroleum cooperatives
 RT cooperation
 RT electric utilities
 RT farms
 RT market
 RT monopolies
 RT small businesses
 RT socio-economic factors

COORDINATED RESEARCH PROGRAMS

Research based on a common plan but carried out in various locations. This descriptor to be used in coordination with descriptors for the institutions or countries involved.

UF large coil program
 BT1 research programs
 NT1 consolidated fuel reprocessing program
 NT1 ifip
 RT cooperation
 RT dumand project
 RT interlaboratory comparisons
 RT international agreements
 RT international cooperation
 RT international organizations
 RT planning

COORDINATES

(From December 1975 till February 1997 AZIMUTH was a valid ETDE descriptor.)

UF grids (coordinates)
 UF position (optical)

UF position (radio)
 SF azimuth
 NT1 cartesian coordinates
 NT1 curvilinear coordinates
 NT2 magnetic flux coordinates
 NT1 geomagnetic coordinates
 NT1 hylleraas coordinates
 RT center-of-mass system
 RT global positioning system
 RT laboratory system
 RT mathematics
 RT mesh generation
 RT position operators
 RT space dependence
 RT sun charts

COORDINATION NUMBER

RT complexes
 RT coordination valences
 RT ligands

COORDINATION VALENCES

BT1 valence
 RT complexes
 RT coordination number
 RT crystal lattices
 RT structural chemical analysis

copaiba

INIS: 2000-04-12; ETDE: 1983-02-09

(Prior to March 1997 COPAIFERA was used for this concept in ETDE.)

USE trees

copaifera

INIS: 2000-04-12; ETDE: 1981-06-17

Trees that produce an oil which can be used directly, without processing, in diesel engines.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE trees

COPEPODS

INIS: 1992-07-17; ETDE: 1976-05-13

(Until July 1992, this concept was indexed to CRUSTACEANS.)

*BT1 crustaceans
 RT zooplankton

COPERNICIUM

2010-05-19

(Prior to May 2010 ELEMENT 112 was used for this element.)

UF *eka-mercury*
 UF element 112
 UF ununbium
 *BT1 transactinide elements

COPERNICIUM 277

2010-05-19

(Prior to May 2010 ELEMENT 112 277 was used for this concept.)

UF element 112 277
 *BT1 alpha decay radioisotopes
 *BT1 copernicium isotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 microseconds living radioisotopes

COPERNICIUM 278

2010-05-19

*BT1 copernicium isotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 microseconds living radioisotopes

COPERNICIUM 282

2010-05-19

*BT1 copernicium isotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 microseconds living radioisotopes

*BT1 spontaneous fission radioisotopes

COPERNICIUM 283

2010-05-19

(Prior to May 2010 ELEMENT 112 283 was used for this concept.)

UF element 112 283
 *BT1 copernicium isotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 minutes living radioisotopes
 *BT1 spontaneous fission radioisotopes

COPERNICIUM 284

2010-05-19

*BT1 copernicium isotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 spontaneous fission radioisotopes

COPERNICIUM 285

2010-05-19

*BT1 alpha decay radioisotopes
 *BT1 copernicium isotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 minutes living radioisotopes
 *BT1 seconds living radioisotopes

COPERNICIUM COMPOUNDS

2010-05-19

(Prior to May 2010 ELEMENT 112 COMPOUNDS was used for this concept.)

UF element 112 compounds
 *BT1 transactinide compounds

COPERNICIUM IONS

2018-01-24

*BT1 ions

COPERNICIUM ISOTOPES

2010-05-19

(Prior to May 2010 ELEMENT 112 COMPOUNDS was used for this concept.)

UF element 112 isotopes
 BT1 isotopes
 NT1 copernicium 277
 NT1 copernicium 278
 NT1 copernicium 282
 NT1 copernicium 283
 NT1 copernicium 284
 NT1 copernicium 285

COPOLYMERIZATION

Polymerization of molecules of different types.

*BT1 polymerization

COPOLYMERS

INIS: 1975-11-07; ETDE: 1975-12-16

*BT1 organic polymers

COPPER

*BT1 transition elements

COPPER 52

2007-10-22

*BT1 copper isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 proton decay radioisotopes

COPPER 53

2007-10-22

*BT1 copper isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 proton decay radioisotopes

COPPER 54

2007-10-22

*BT1 copper isotopes
 *BT1 intermediate mass nuclei

- *BT1 odd-odd nuclei
- *BT1 proton decay radioisotopes

COPPER 55

2007-10-22

- *BT1 copper isotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

COPPER 56

INIS: 2001-09-05; ETDE: 2002-02-06

- *BT1 beta-plus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

COPPER 57

INIS: 1980-05-14; ETDE: 1977-11-09

- *BT1 beta-plus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

COPPER 58

- *BT1 beta-plus decay radioisotopes
- *BT1 copper isotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

COPPER 59

- *BT1 beta-plus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

COPPER 60

- *BT1 beta-plus decay radioisotopes
- *BT1 copper isotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

COPPER 61

- *BT1 beta-plus decay radioisotopes
- *BT1 copper isotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

COPPER 61 TARGET

ETDE: 1976-07-09

BT1 targets

COPPER 62

- *BT1 beta-plus decay radioisotopes
- *BT1 copper isotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

COPPER 63

- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 stable isotopes

RT copper 63 reactions

COPPER 63 BEAMS

INIS: 1978-11-24; ETDE: 1979-05-03

- *BT1 ion beams

COPPER 63 REACTIONS

- *BT1 heavy ion reactions

RT copper 63

COPPER 63 TARGET

ETDE: 1976-07-09

BT1 targets

COPPER 64

- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 copper isotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

COPPER 64 TARGET

INIS: 1978-04-21; ETDE: 1978-07-06

BT1 targets

COPPER 65

- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 stable isotopes

COPPER 65 REACTIONS

- *BT1 heavy ion reactions

COPPER 65 TARGET

ETDE: 1976-07-09

BT1 targets

COPPER 66

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

COPPER 67

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 days living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

COPPER 68

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

COPPER 69

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

COPPER 70

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

COPPER 71

1982-07-22

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

COPPER 72

1982-07-22

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

- *BT1 seconds living radioisotopes

COPPER 73

1982-07-22

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

COPPER 74

1989-07-19

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

COPPER 75

INIS: 1990-05-17; ETDE: 1990-06-01

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

COPPER 76

1992-03-17

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

COPPER 77

1992-03-18

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

COPPER 78

1992-03-18

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

COPPER 79

1992-03-18

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

COPPER 80

2007-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 copper isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

COPPER ADDITIONS

1996-07-17

Alloys containing not more than 1% Cu are listed here.

- *BT1 copper alloys
- NT1 alloy-ni43fe33cr16mo3
- NT2 nimonic pe16
- NT1 alloy-ni60co15cr10al6ti5mo3
- NT2 alloy-in-100
- NT1 duranickel
- NT1 steel-cr2mov
- NT1 steel-cr2nimov
- NT1 steel-crmov
- NT1 steel-crmi
- NT1 steel-mncumo
- NT2 steel-astm-a537

NT1 steel-ni3cr
 NT1 steel-ni4crw
 NT1 steel-nicr
 NT1 steel-nicrmo

COPPER ALLOYS

1996-11-13

Alloys containing more than 1% Cu.

UF alloy-ge

*BT1 transition element alloys

NT1 alloy-al95cu4

NT2 duralumin

NT1 alloy-ni43fe30cr22mo3

NT2 incoloy 825

NT1 alloy-ni66cu32

NT2 monel 400

NT1 alloy-yundk 25ba

NT1 bondur

NT1 copper additions

NT2 alloy-ni43fe33cr16mo3

NT3 nimonic pe16

NT2 alloy-ni60co15cr10al6ti5mo3

NT3 alloy-in-100

NT2 duranickel

NT2 steel-cr2mov

NT2 steel-cr2nimov

NT2 steel-crmov

NT2 steel-crmi

NT2 steel-mncumo

NT3 steel-astm-a537

NT2 steel-ni3cr

NT2 steel-ni4crw

NT2 steel-nicr

NT2 steel-nicrmo

NT1 copper base alloys

NT2 alloy-cu52ni47

NT3 constantan

NT2 alloy-cu70ni30

NT2 alloy-cu90ni10

NT2 brass

NT3 brass-alpha

NT3 brass-beta

NT2 bronze

NT2 heusler alloys

NT2 manganin

NT2 muntz metal

NT2 nickeline alloy

NT2 ounce metal

NT2 tungsten bronze

NT1 cunico

NT1 heddur

NT1 illium

NT1 lynite

NT1 magnalium

NT1 ni-o-nel

NT1 steel-cd-4mCu

NT1 steel-cr17cu4ni4nb-l

NT2 stainless steel-17-4ph

NT1 steel-in-787

NT1 zamak

COPPER ARSENIDES

INIS: 1991-09-16; ETDE: 1985-09-24

*BT1 arsenides

*BT1 copper compounds

COPPER BASE ALLOYS

1996-06-28

UF german silver

UF nickel silver

UF resistal

UF white copper

*BT1 copper alloys

NT1 alloy-cu52ni47

NT2 constantan

NT1 alloy-cu70ni30

NT1 alloy-cu90ni10

NT1 brass

NT2 brass-alpha

NT2 brass-beta

NT1 bronze
 NT1 heusler alloys
 NT1 manganin
 NT1 muntz metal
 NT1 nickeline alloy
 NT1 ounce metal
 NT1 tungsten bronze

COPPER BORIDES

*BT1 borides

*BT1 copper compounds

COPPER BROMIDES

*BT1 bromides

*BT1 copper halides

COPPER CARBIDES

*BT1 carbides

*BT1 copper compounds

COPPER CARBONATES

*BT1 carbonates

*BT1 copper compounds

COPPER CHLORIDES

*BT1 chlorides

*BT1 copper halides

COPPER COMPLEXES

*BT1 transition element complexes

NT1 ceruloplasmin

RT phthalocyanines

COPPER COMPOUNDS

BT1 transition element compounds

NT1 copper arsenides

NT1 copper borides

NT1 copper carbides

NT1 copper carbonates

NT1 copper halides

NT2 copper bromides

NT2 copper chlorides

NT2 copper fluorides

NT2 copper iodides

NT1 copper hydrides

NT1 copper hydroxides

NT1 copper nitrates

NT1 copper nitrides

NT1 copper oxides

NT1 copper perchlorates

NT1 copper phosphates

NT1 copper phosphides

NT1 copper selenides

NT1 copper silicates

NT1 copper silicides

NT1 copper sulfates

NT1 copper sulfides

NT1 copper tellurides

NT1 copper tungstates

NT1 cuprates

COPPER FLUORIDES

*BT1 copper halides

*BT1 fluorides

COPPER HALIDES

1986-04-03

*BT1 copper compounds

*BT1 halides

NT1 copper bromides

NT1 copper chlorides

NT1 copper fluorides

NT1 copper iodides

COPPER HYDRIDES

*BT1 copper compounds

*BT1 hydrides

COPPER HYDROXIDES

*BT1 copper compounds

*BT1 hydroxides

COPPER IODIDES

*BT1 copper halides

*BT1 iodides

COPPER IONS

*BT1 ions

COPPER ISOTOPES

1999-07-16

BT1 isotopes

NT1 copper 52

NT1 copper 53

NT1 copper 54

NT1 copper 55

NT1 copper 56

NT1 copper 57

NT1 copper 58

NT1 copper 59

NT1 copper 60

NT1 copper 61

NT1 copper 62

NT1 copper 63

NT1 copper 64

NT1 copper 65

NT1 copper 66

NT1 copper 67

NT1 copper 68

NT1 copper 69

NT1 copper 70

NT1 copper 71

NT1 copper 72

NT1 copper 73

NT1 copper 74

NT1 copper 75

NT1 copper 76

NT1 copper 77

NT1 copper 78

NT1 copper 79

NT1 copper 80

COPPER NITRATES

*BT1 copper compounds

*BT1 nitrates

COPPER NITRIDES

1989-12-08

*BT1 copper compounds

*BT1 nitrides

COPPER ORES

BT1 ores

COPPER OXIDE SOLAR CELLS

INIS: 2000-04-12; ETDE: 1981-08-04

*BT1 solar cells

COPPER OXIDES

*BT1 copper compounds

*BT1 oxides

RT cuprates

RT oxide minerals

RT sengierite

COPPER PERCHLORATES

*BT1 copper compounds

*BT1 perchlorates

COPPER PHOSPHATES

*BT1 copper compounds

*BT1 phosphates

RT phosphate minerals

RT torbernite

COPPER PHOSPHIDES

1991-09-16

*BT1 copper compounds

*BT1 phosphides

COPPER SELENIDE SOLAR CELLS

INIS: 1992-05-28; ETDE: 1981-07-18

*BT1 solar cells

COPPER SELENIDES

INIS: 1976-07-08; ETDE: 1975-10-01

- *BT1 copper compounds
- *BT1 selenides

COPPER SILICATES

1996-11-13

- *BT1 copper compounds
- *BT1 silicates

COPPER SILICIDES

1977-01-26

- *BT1 copper compounds
- *BT1 silicides

COPPER SULFATES

1996-07-18

- *BT1 copper compounds
- *BT1 sulfates
- RT sulfate minerals

COPPER SULFIDE SOLAR CELLS

INIS: 1992-05-28; ETDE: 1981-07-18

- *BT1 solar cells

COPPER SULFIDES

- *BT1 copper compounds
- *BT1 sulfides
- RT chalcopyrite
- RT sulfide minerals

COPPER TELLURIDES

1978-02-23

- *BT1 copper compounds
- *BT1 tellurides

COPPER TUNGSTATES

- *BT1 copper compounds
- *BT1 tungstates

copper vapor lasers

INIS: 1984-04-04; ETDE: 1984-05-10

(Until August 1992, this was indexed by GAS LASERS.)

- USE metal vapor lasers

COPPICES

INIS: 1993-07-14; ETDE: 1981-10-24

Forests or thickets originating mainly from shoots or root suckers of stumps rather than from seed.

- BT1 forests
- RT biomass plantations
- RT forest litter

COPRECIPITATION

- *BT1 precipitation
- RT coalescence
- RT flocculation

COPROCESSING

INIS: 2000-06-27; ETDE: 1988-02-26

Processing coal and petroleum residues together.

- BT1 processing

CORAL-1 REACTOR

Uncooled. Junta de Energia Nuclear, Madrid, Spain. Decommissioned since 1992.

- *BT1 enriched uranium reactors
- *BT1 fast reactors
- *BT1 research reactors
- *BT1 zero power reactors

CORAL REEFS

2013-11-27

- *BT1 reefs
- RT corals

CORAL REPROCESSING PLANT

2009-12-23

COmpact Reprocessing of Advanced fuels in Lead cell, Indira Gandhi Centre for Atomic

Energy, Kalpakkam, India. Demonstration plant for breeder reactor fuel reprocessing.

UF compact reprocessing of advanced fuels in lead cell

- BT1 demonstration plants
- *BT1 fuel reprocessing plants
- RT kalpakkam lmfr reactor
- RT mixed carbide fuels

CORALS

- *BT1 cnidaria
- RT coral reefs

CORCHORUS

- *BT1 magnoliopsida
- NT1 jute

cordillera de los andes

- USE andes

CORDOBA REACTOR

INIS: 1978-02-23; ETDE: 1978-04-28

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors

cordova quad cities-1 reactor

- USE quad cities-1 reactor

cordova quad cities-2 reactor

- USE quad cities-2 reactor

cordylite

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE carbonate minerals
- USE radioactive minerals

core (earth)

INIS: 1988-02-02; ETDE: 2002-06-13

- USE earth core

core barrel

INIS: 2000-04-12; ETDE: 1978-07-05

(Prior to April 1997 CORING EQUIPMENT was used for this concept in ETDE.)

- USE drilling equipment

CORE CATCHERS

Structures under core for retaining molten debris following meltdown accident.

- BT1 reactor components
- RT corium
- RT melt-through
- RT meltdown
- RT reactor cores

CORE FLOODING SYSTEMS

- *BT1 eccs
- RT loss of coolant

core melt

2017-07-18

- USE meltdown

core polarization (nuclei)

INIS: 1984-04-04; ETDE: 2000-11-20

- USE excitation
- USE nuclear cores

CORE SPRAY SYSTEMS

- *BT1 eccs
- RT fog cooled reactors
- RT fog cooling
- RT loss of coolant

cores (drill)

- USE drill cores

cores (magnet)

- USE magnet cores

cores (magnetic)

- USE magnetic cores

cores (nuclear)

- USE nuclear cores

cores (reactor)

- USE reactor cores

coring equipment

INIS: 2000-04-12; ETDE: 1978-07-05

(Prior to April 1997 this was a valid ETDE descriptor.)

- USE drilling equipment

CORING FLUIDS

INIS: 2000-04-12; ETDE: 1981-12-14

- RT cuttings removal
- RT drill cores
- RT drilling fluids

CORIOLIS FORCE

- RT backbending
- RT rotation

CORIUM

INIS: 1977-10-17; ETDE: 1977-06-02

Molten mixture of fuel, cladding and other core structural material resulting from a meltdown accident.

- RT core catchers
- RT meltdown
- RT reactor accidents
- RT reactor cores

CORK

- RT bark
- RT wood

corn (maize)

- USE maize

CORN OIL

- UF maize oil
- *BT1 triglycerides
- *BT1 vegetable oils

corn stover

INIS: 2000-04-12; ETDE: 1979-04-11

- USE agricultural wastes
- USE maize

CORNEA

- *BT1 eyes

CORNELL 10-GEV SYNCHROTRON

- *BT1 synchrotrons

cornell electron-positron storage ring

INIS: 1979-01-18; ETDE: 1979-02-23

- USE cesr storage ring

CORNELL TRIGA-MK-2 REACTOR

Cornell, Univ., Ithaca, New York, USA.

- UF triga-2-cornell reactor
- *BT1 training reactors
- *BT1 triga type reactors

cornell university zero power reactor

1993-11-05

- USE zpr reactor

corona (solar)

- USE solar corona

CORONA COUNTERS

- *BT1 radiation detectors
- RT proportional counters
- RT spark counters

CORONA DISCHARGES

- BT1 electric discharges
- RT lichtenberg figures

coronae (stellar)

INIS: 1984-02-22; ETDE: 2002-06-13

USE stellar coronae

CORONARIES

*BT1 arteries

RT heart

RT heart failure

RT myocardial infarction

RT myocardium

corporation law

INIS: 1990-12-15; ETDE: 2002-06-13

(Prior to December 1990, this was a valid descriptor.)

USE laws

corps of engineers

INIS: 2000-04-12; ETDE: 1980-08-25

(Prior to December 1991 this was a valid ETDE descriptor.)

USE us corps of engineers

corral canyon nuclear power reactor-1

2000-04-12

USE malibu-1 reactor

CORRECTIONSSee also *REMEDIAL ACTION*.

NT1 coulomb correction

NT1 radiative corrections

NT1 rydberg correction

RT errors

RT modifications

CORRELATED-PARTICLE MODELS

*BT1 particle models

RT correlation functions

RT multiple production

correlation energy

USE electron correlation

CORRELATION FUNCTIONS

BT1 functions

RT correlated-particle models

RT reactor noise

CORRELATIONS

NT1 angular correlation

NT2 perturbed angular correlation

NT3 differential pac

NT3 integral pac

NT1 electron correlation

NT1 kramers-kronig correlation

RT comparative evaluations

RT multivariate analysis

RT regression analysis

CORROSION

BT1 chemical reactions

NT1 crevice corrosion

NT1 electrochemical corrosion

NT1 fretting corrosion

NT1 intergranular corrosion

NT1 nodular corrosion

NT1 pitting corrosion

NT1 stress corrosion

RT antifoulants

RT corrosion denting

RT corrosion fatigue

RT corrosion pickling

RT corrosion products

RT corrosion protection

RT corrosion resistance

RT corrosive effects

RT erosion

RT failures

RT fouling

RT materials testing

RT oxidation

RT passivity

RT scaling

RT surface properties

RT thermochemical diagrams

RT weathering

CORROSION DENTING

INIS: 1979-05-28; ETDE: 1979-09-06

UF denting (corrosion)

BT1 deformation

RT corrosion

RT tubes

RT water chemistry

CORROSION FATIGUE

INIS: 1981-07-06; ETDE: 1975-12-16

*BT1 fatigue

RT corrosion

corrosion inhibition

USE corrosion protection

CORROSION INHIBITORS

UF inhibitors (corrosion)

RT corrosion protection

CORROSION PICKLING

*BT1 pickling

RT corrosion

CORROSION PRODUCTS

RT corrosion

RT electromagnetic filters

RT oxidation

RT oxides

RT scaling

CORROSION PROTECTION

UF anticorrosion

UF corrosion inhibition

UF protection (corrosion)

NT1 anodization

NT1 cathodic protection

RT coatings

RT corrosion

RT corrosion inhibitors

RT corrosion resistance

RT paints

RT passivation

RT scale control

RT surface coating

CORROSION RESISTANCE

RT corrosion

RT corrosion protection

RT passivity

CORROSION RESISTANT ALLOYS

1996-11-13

BT1 alloys

NT1 alloy-co36cr22ni22w15fe3

NT2 haynes 188 alloy

NT1 alloy-co54cr20w15ni10

NT2 alloy-hs-25

NT2 haynes 25 alloy

NT1 alloy-co60cr30w4

NT2 stellite 6

NT1 alloy-fe44ni33cr21

NT2 incoloy 800h

NT1 alloy-fe46ni33cr21

NT2 incoloy 800

NT2 incoloy 802

NT1 alloy-mo99

NT2 alloy-tzm

NT2 alloy-zm-2a

NT1 alloy-ni41fe40cr16nb3

NT2 incoloy 706

NT1 alloy-ni43fe30cr22mo3

NT2 incoloy 825

NT1 alloy-ni43fe33cr16mo3

NT2 nimonic pe16

NT1 alloy-ni45fe34cr20

NT1 alloy-ni46cr23co19ti5al4

NT2 alloy-in-939

NT1 alloy-ni49cr22fe18mo9

NT2 hastelloy x

NT1 alloy-ni50co20cr15al5mo5

NT2 nimonic 105

NT1 alloy-ni50cr22fe18mo9

NT2 hastelloy xr

NT1 alloy-ni50mo32cr15si3

NT1 alloy-ni51cr48

NT2 inconel 671

NT1 alloy-ni53co19cr15mo5al4ti3

NT2 udimet 700

NT1 alloy-ni53cr19fe19nb5mo3

NT2 inconel 718

NT1 alloy-ni54cr22co13mo9

NT2 inconel 617

NT1 alloy-ni54mo17cr16fe6w4

NT2 hastelloy c

NT1 alloy-ni55cr19co11mo10ti3

NT2 rene 41

NT1 alloy-ni58cr20co14mo4ti3

NT2 waspaloy

NT1 alloy-ni59cr20co17ti2

NT1 alloy-ni59cr30fe9

NT2 inconel 690

NT1 alloy-ni60co15cr10al6ti5mo3

NT2 alloy-in-100

NT1 alloy-ni60fe24cr16

NT2 nichrome

NT1 alloy-ni61cr16co9al3ti3w3

NT2 alloy-in-738

NT1 alloy-ni61cr22mo9nb4fe3

NT2 inconel 625

NT1 alloy-ni62cr16mo15fe3

NT2 hastelloy s

NT1 alloy-ni65cr25mo10

NT2 nimonic 86

NT1 alloy-ni65mo28fe5

NT2 hastelloy b

NT1 alloy-ni70mo17cr7fe5

NT2 hastelloy n

NT2 inor-8

NT1 alloy-ni73cr15fe7ti3

NT2 inconel x750

NT1 alloy-ni73cr20mn3nb3

NT2 inconel 82

NT1 alloy-ni74cr13al6mo4

NT2 inconel 713c

NT1 alloy-ni75cr12al6mo5

NT2 inconel 713lc

NT1 alloy-ni76cr15fe8

NT2 inconel 600

NT1 alloy-ni76cr20ti2

NT2 nimonic 80a

NT1 alloy-ni77cr20ti2

NT1 alloy-ra-333

NT1 alloy-zr98sn-2

NT2 zircaloy 2

NT1 alloy-zr98sn-4

NT2 zircaloy 4

NT1 colmonoy

NT1 heusler alloys

NT1 incoloy 901

NT1 rene 80

NT1 rene 95

NT1 steel-cd-4mcu

NT1 steel-cr11ni10mo2ti-l

NT1 steel-cr12

NT2 stainless steel-403

NT1 steel-cr12moniv

NT1 steel-cr12mov

NT2 alloy-ht-9

NT1 steel-cr13

NT2 stainless steel-410

NT1 steel-cr13al

NT2 stainless steel-405

NT1 steel-cr15ni15motib

NT1 steel-cr16
NT2 stainless steel-430
NT1 steel-cr16ni
NT1 steel-cr16ni13monbv
NT1 steel-cr16ni15mo3nb
NT1 steel-cr16ni16monb
NT1 steel-cr16ni8mo2
NT2 stainless steel-16-8-2
NT1 steel-cr17cu4ni4nb-l
NT2 stainless steel-17-4ph
NT1 steel-cr17mo
NT2 stainless steel-440
NT1 steel-cr17ni12mo3
NT2 stainless steel-316
NT1 steel-cr17ni12mo3-l
NT2 stainless steel-316l
NT2 stainless steel-zcnd17-13
NT1 steel-cr17ni12monb
NT1 steel-cr17ni13
NT1 steel-cr17ni13mo2ti
NT1 steel-cr17ni13mo3ti
NT1 steel-cr17ni4mo3
NT1 steel-cr17ni7
NT2 stainless steel-301
NT1 steel-cr18
NT1 steel-cr18ni10
NT2 stainless steel-18-10
NT1 steel-cr18ni10-l
NT1 steel-cr18ni10ti
NT2 stainless steel-321
NT1 steel-cr18ni11
NT2 steel-x6crni1811
NT1 steel-cr18ni11nb
NT2 stainless steel-347
NT1 steel-cr18ni11nbco
NT2 stainless steel-348
NT1 steel-cr18ni12
NT2 stainless steel-305
NT1 steel-cr18ni12ti
NT1 steel-cr18ni8
NT2 stainless steel-18-8
NT1 steel-cr18ni9
NT2 stainless steel-302
NT1 steel-cr18ni9ti
NT1 steel-cr19ni10
NT2 stainless steel-304
NT1 steel-cr19ni10-l
NT2 stainless steel-304l
NT1 steel-cr20ni11
NT2 stainless steel-308
NT1 steel-cr20ni11-l
NT2 stainless steel-308l
NT1 steel-cr21mn9ni6
NT2 stainless steel-21-6-9
NT1 steel-cr23ni14
NT2 stainless steel-309
NT2 stainless steel-309s
NT1 steel-cr23ni18
NT1 steel-cr25
NT2 stainless steel-446
NT1 steel-cr25ni20
NT2 alloy-hk-40
NT2 stainless steel-310
NT1 steel-ni25cr20
NT2 stainless steel-20-25
NT1 steel-ni26cr15ti2moyalb
NT2 alloy-a-286
NT1 steel-ni36cr12ti3al-l
NT1 triballoy 800
RT austenitic steels
RT ferritic steels
RT hastelloys
RT stainless steels

CORROSIVE EFFECTS

1992-03-12

RT corrosion

cortex (adrenal)

USE adrenal glands

cortex (cerebral)

USE cerebral cortex

corticoids

USE corticosteroids

CORTICOSTEROIDS

UF corticoids

***BT1** adrenal hormones

***BT1** hydroxy compounds

***BT1** ketones

***BT1** pregnanes

***BT1** steroid hormones

NT1 glucocorticoids

NT2 corticosterone

NT2 cortisone

NT2 dexamethasone

NT2 hydrocortisone

NT2 prednisolone

NT2 prednisone

NT1 mineralocorticoids

NT2 aldosterone

RT acth

RT androgens

RT cushing syndrome

CORTICOSTERONE

***BT1** glucocorticoids

cortisol

USE hydrocortisone

CORTISONE

***BT1** glucocorticoids

CORUNDUM

***BT1** oxide minerals

NT1 ruby

NT1 sapphire

RT aluminium oxides

CORVUSITE

2000-04-12

***BT1** oxide minerals

***BT1** radioactive minerals

RT vanadium oxides

CORYNEBACTERIUM FASCIANS

INIS: 1993-07-14; ETDE: 1983-05-21

***BT1** bacteria

RT microbial eor

CORYNEBACTERIUM PARVUM

INIS: 1978-09-28; ETDE: 1978-06-14

***BT1** bacteria

RT immunotherapy

cosmetics

INIS: 1984-04-04; ETDE: 1984-05-10

USE consumer products

COSMIC ALPHA PARTICLES

1983-03-14

(Prior to March 1983 this concept was indexed by coordination of COSMIC RADIATION and ALPHA PARTICLES.)

***BT1** alpha particles

***BT1** primary cosmic radiation

COSMIC DUST

BT1 dusts

RT dusty plasma

RT interstellar grains

RT interstellar space

RT nebulae

RT star accretion

COSMIC ELECTRONS

INIS: 1983-03-14; ETDE: 1975-07-29

(Prior to March 1983 this concept was indexed by coordination of COSMIC RADIATION and ELECTRONS.)

***BT1** electrons

***BT1** secondary cosmic radiation

COSMIC GAMMA BURSTS

***BT1** primary cosmic radiation

RT cosmic gamma sources

RT cosmic x-ray bursts

cosmic gamma rays

INIS: 2000-04-12; ETDE: 1979-02-23

USE cosmic photons

COSMIC GAMMA SOURCES

BT1 cosmic ray sources

RT cosmic gamma bursts

RT cosmic photons

RT gamma astronomy

RT gamma radiation

RT primary cosmic radiation

COSMIC GASES

***BT1** gases

RT interstellar grains

RT interstellar space

RT nebulae

RT optical depth curve

RT spectroscopic curve of growth

cosmic inflation

2014-02-26

USE inflationary universe

COSMIC KAONS

INIS: 1985-12-10; ETDE: 1975-07-29

(Prior to July 1975 KAONS was used for this concept in ETDE.)

***BT1** kaons

***BT1** secondary cosmic radiation

cosmic microwave background

2003-05-30

USE relict radiation

COSMIC MUONS

INIS: 1983-03-14; ETDE: 1975-07-29

(Prior to March 1983 this concept was indexed by coordination of COSMIC RADIATION and MUONS.)

***BT1** muons

***BT1** secondary cosmic radiation

COSMIC NEUTRINOS

INIS: 1983-03-14; ETDE: 1975-07-29

(Prior to July 1975 NEUTRINOS was used for this concept in ETDE.)

***BT1** cosmic radiation

***BT1** neutrinos

COSMIC NEUTRONS

INIS: 1983-03-14; ETDE: 1975-07-29

(Prior to March 1983 this concept was indexed by coordination of COSMIC RADIATION and NEUTRONS.)

***BT1** neutrons

***BT1** secondary cosmic radiation

cosmic noise

USE radio noise

COSMIC NUCLEI

INIS: 1983-03-14; ETDE: 1975-07-29

(Prior to March 1983 this concept was indexed by coordination of COSMIC RADIATION and NUCLEI.)

BT1 nuclei

***BT1** primary cosmic radiation

cosmic particles

USE cosmic radiation

COSMIC PHOTONS*INIS: 1983-03-14; ETDE: 1975-07-29*

(Prior to July 1975 PHOTONS was used for this concept in ETDE.)

*UF cosmic gamma rays**UF cosmic x rays***BT1 cosmic radiation***BT1 photons**RT cosmic gamma sources**RT cosmic x-ray sources**RT x-ray galaxies***COSMIC PIONS***INIS: 1983-03-14; ETDE: 1975-07-29*

(Prior to July 1975 PIONS was used for this concept in ETDE.)

BT1 pions*BT1 secondary cosmic radiation***COSMIC POSITRONS***INIS: 1983-03-14; ETDE: 1975-07-29*

(Prior to March 1983 this concept was indexed by coordination of COSMIC RADIATION and POSITRONS.)

BT1 positrons*BT1 secondary cosmic radiation***COSMIC PROTONS***INIS: 1983-03-14; ETDE: 1975-07-29*

(Prior to July 1975 PROTONS was used for this concept in ETDE.)

BT1 cosmic radiation*BT1 protons***COSMIC RADIATION***1996-07-08**Not for radiation from the sun for which see SOLAR RADIATION.**UF cosmic particles**SF positive excess***BT1 ionizing radiations**NT1 cosmic neutrinos**NT1 cosmic photons**NT1 cosmic protons**NT1 hard component**NT1 primary cosmic radiation**NT2 cosmic alpha particles**NT2 cosmic gamma bursts**NT2 cosmic nuclei**NT2 cosmic x-ray bursts**NT1 secondary cosmic radiation**NT2 cosmic electrons**NT2 cosmic kaons**NT2 cosmic muons**NT2 cosmic neutrons**NT2 cosmic pions**NT2 cosmic positrons**NT2 cosmic showers**NT3 extensive air showers**NT1 soft component**RT background radiation**RT centauro-type events**RT cosmic radio sources**RT cosmic ray detection**RT cosmic ray flux**RT cosmic ray propagation**RT cosmic x-ray sources**RT east-west asymmetry**RT forbush decrease**RT gamma astronomy**RT north-south asymmetry**RT relict radiation**RT solar radiation**RT space flight**RT stellar activity**RT stellar radiation**RT supersonic transport**RT threshold rigidity**RT x-ray galaxies***COSMIC RADIO SOURCES***NT1 bl lacertae objects**NT1 h1 regions**NT1 h2 regions**NT1 pulsars**NT1 quasars**NT2 blue stellar objects**NT1 radio galaxies**NT1 supernova remnants**NT2 crab nebula**RT cosmic radiation**RT cosmic ray sources**RT markarian galaxies**RT radioastronomy**RT radiowave radiation***COSMIC RAY DETECTION****BT1 radiation detection**RT charged particle detection**RT cosmic radiation**RT cosmic ray spectrometers**RT muon detection**RT radiation detectors**RT shower counters**RT telescope counters***COSMIC RAY FLUX***UF flux (cosmic ray)**BT1 radiation flux**RT cosmic radiation**RT cosmic ray propagation***COSMIC RAY PROPAGATION***RT cosmic radiation**RT cosmic ray flux***COSMIC RAY SOURCES***NT1 cosmic gamma sources**NT1 cosmic x-ray sources**NT2 cosmic x-ray bursts**NT2 x-ray galaxies**RT cosmic radio sources**RT primary cosmic radiation***COSMIC RAY SPECTROMETERS****BT1 spectrometers**RT cosmic ray detection***COSMIC SHOWERS****BT1 secondary cosmic radiation**BT1 showers**NT1 extensive air showers**RT cascade showers**RT centauro-type events***COSMIC X-RAY BURSTS***INIS: 1983-02-04; ETDE: 1981-03-17***BT1 cosmic x-ray sources***BT1 primary cosmic radiation**RT cosmic gamma bursts**RT x radiation***COSMIC X-RAY SOURCES***BT1 cosmic ray sources**NT1 cosmic x-ray bursts**NT1 x-ray galaxies**RT accretion disks**RT cosmic photons**RT cosmic radiation**RT gamma astronomy**RT x radiation****cosmic x rays****INIS: 2000-04-12; ETDE: 1979-02-23**USE cosmic photons***COSMIDS***INIS: 2000-04-12; ETDE: 1988-04-15**DNA-cloning vectors constructed of both plasmid sequences and phage factors.**RT bacteriophages**RT dna-cloning***COSMOCHEMISTRY***BT1 chemistry**RT chemical composition**RT element abundance**RT metallicity**RT nucleosynthesis****cosmogony****USE cosmology***COSMOLOGICAL CONSTANT***INIS: 1984-04-04; ETDE: 1984-05-08**Multiplicative constant for a term**proportional to the metric in Einstein's**equation relating the curvature of space to the energy-momentum tensor.**RT einstein field equations**RT general relativity theory**RT space-time***COSMOLOGICAL CRITICAL DENSITY***2014-02-26**RT cosmological models**RT universe***COSMOLOGICAL INFLATION***2015-06-05**The exponential expansion of space in the early universe.**UF inflation (cosmological)**RT branes**RT cosmological models**RT galactic evolution**RT inflationary universe**RT quantum gravity**RT string theory***COSMOLOGICAL MODELS***UF einstein-de sitter model**UF models (cosmological)**BT1 mathematical models**NT1 inflationary universe**RT branes**RT cosmological critical density**RT cosmological inflation**RT expansion**RT galactic evolution**RT general relativity theory**RT m-theory**RT planet-system accretion**RT protoplanets**RT protostars**RT solar nebula**RT star accretion**RT universe**RT vortex theory***COSMOLOGY***UF cosmogony**NT1 dirac cosmology**NT1 quantum cosmology**RT astrophysics**RT black holes**RT fundamental constants**RT galactic evolution**RT general relativity theory**RT high-energy limit**RT hubble effect**RT low-energy limit**RT mach principle**RT matter**RT origin**RT red shift**RT schwarzschild metric**RT space-time**RT star evolution**RT universe**RT white holes*

cosmos

USE universe

COSMOTRON

*BT1 synchrotrons

COSO HOT SPRINGS

INIS: 1992-06-04; ETDE: 1979-07-18

*BT1 california

cosorb process

INIS: 2000-04-12; ETDE: 1975-09-11

Process for the separation of CO from gaseous mixtures by selective adsorption in unique solvent.

(Prior to February 1995, this was a valid ETDE descriptor.)

USE carbon monoxide

USE solvent extraction

COST

UF excess costs

SF values

NT1 capitalized cost

NT1 cost overruns

NT1 external cost

NT1 life-cycle cost

NT1 operating cost

RT budgets

RT capital

RT charges

RT cost benefit analysis

RT cost effectiveness analysis

RT cost estimation

RT cost recovery

RT economics

RT energy expenses

RT expenditures

RT financing

RT fuel cycle

RT inflation

RT investment

RT nuclear materials management

RT payback period

RT present worth method

RT prices

RT procurement

COST BENEFIT ANALYSIS*Method to calculate and compare costs and benefits of a project, decision or government policy*

*BT1 economic analysis

RT comparative evaluations

RT cost

RT cost effectiveness analysis

RT cost estimation

RT cost overruns

RT external cost

RT life-cycle cost

RT technology impacts

COST EFFECTIVENESS ANALYSIS

2013-08-26

Method to compare the costs and outcomes (effects) of a project, decision or government policy

*BT1 economic analysis

RT cost

RT cost benefit analysis

RT cost overruns

RT efficiency

RT performance

COST ESTIMATION

INIS: 1985-12-10; ETDE: 1982-08-11

UF appraisal

RT cost

RT cost benefit analysis

RT forecasting

RT life-cycle cost

COST OVERRUNS

INIS: 1985-12-10; ETDE: 1983-03-24

BT1 cost

RT charges

RT cost benefit analysis

RT cost effectiveness analysis

RT procurement

COST RECOVERY

INIS: 1992-04-09; ETDE: 1983-03-23

UF reimbursement

RT charges

RT cost

RT financing

COSTA RICA

*BT1 central america

BT1 developing countries

COSTEAM PROCESS

2000-04-12

A process involving the pumping of a slurry consisting of pulverized coal in lignite-derived oil and a stream of carbon monoxide and/or synthesis gas into a stirred reactor at 400 degrees-450 degrees C and 4, 000 psig.

*BT1 coal liquefaction

COSTER-KRONIG TRANSITIONS

BT1 auger effect

BT1 energy-level transitions

COSY STORAGE RING

INIS: 1992-04-16; ETDE: 1992-08-12

*Cooled synchrotron storage ring at KFZ**Juelich, Federal Republic of Germany.*

UF juelich storage ring

BT1 storage rings

*BT1 synchrotrons

COTE D'IVOIRE

INIS: 1997-01-07; ETDE: 1996-12-24

(Until January 1997 this concept was indexed to IVORY COAST.)

UF ivory coast

BT1 africa

BT1 developing countries

COTTON

RT cotton plants

RT fibers

RT textiles

cotton-mouton effect

USE voigt effect

COTTON PLANTS

*BT1 magnoliopsida

RT boll weevil

RT bollworm

RT cotton

RT cottonseed oil

COTTONSEED OIL

INIS: 1981-08-06; ETDE: 1980-09-22

*BT1 vegetable oils

RT cotton plants

COTTONWOODS

INIS: 1992-01-10; ETDE: 1979-03-27

*BT1 poplars

RT aspens

COUETTE FLOW

*BT1 viscous flow

coulomb attraction

USE coulomb field

coulomb barrier

USE coulomb field

COULOMB CORRECTION

BT1 corrections

RT electromagnetic interactions

COULOMB ENERGY

BT1 energy

RT binding energy

RT nolen-schiffer anomaly

COULOMB EXCITATION

*BT1 excitation

RT coulomb scattering

COULOMB FIELD

UF coulomb attraction

UF coulomb barrier

UF coulomb potential

UF coulomb repulsion

BT1 electric fields

RT astrophysical s factor

RT central potential

RT coulomb ionization

RT nuclear screening

RT ponderomotive force

COULOMB IONIZATION

INIS: 1977-09-15; ETDE: 1977-11-10

Ionization produced by Coulomb forces between a projectile and the target.

BT1 ionization

RT coulomb field

RT inner-shell ionization

coulomb potential

USE coulomb field

coulomb repulsion

USE coulomb field

COULOMB SCATTERING

*BT1 elastic scattering

*BT1 electromagnetic interactions

RT coulomb excitation

RT electron cooling

RT potential scattering

coulometry

USE voltametry

COUMARIN

SF coumarins

*BT1 anticoagulants

*BT1 lactones

*BT1 pyrans

RT psoralen

coumarins

INIS: 2000-04-12; ETDE: 1981-04-20

(Prior to March 1994, this was a valid ETDE descriptor.)

SEE anticoagulants

SEE coumarin

council for mutual economic assistance

1993-11-05

USE comecon

council on environmental quality

INIS: 2000-04-12; ETDE: 1981-03-17

USE us eq

COUNTER CURRENT

RT chromatography

RT counterflow systems

RT solvent extraction

counterflow cooling towers

1985-12-10

USE cooling towers

USE counterflow systems

COUNTERFLOW SYSTEMS

1985-12-10

- UF counterflow cooling towers
- RT cooling towers
- RT counter current
- RT evaporators
- RT hydrodynamics
- RT vapor condensers

counters (radiation)

- USE radiation detectors

COUNTING CIRCUITS

- BT1 electronic circuits
- RT counting ratemeters
- RT counting tubes
- RT pulse circuits
- RT pulse techniques
- RT radiation detection
- RT radiation detectors
- RT scalers
- RT switching circuits

COUNTING RATEMETERS

- UF ratemeters (counting)
- *BT1 electronic equipment
- NT1 linear ratemeters
- NT1 logarithmic ratemeters
- RT counting circuits
- RT counting rates
- RT exposure ratemeters
- RT pulse integrators
- RT pulse techniques

COUNTING RATES

- RT counting ratemeters

COUNTING TECHNIQUES

- NT1 absolute counting
- NT1 charge plunger method
- NT1 cherenkov counting
- NT1 coincidence methods
 - NT2 coincidence spectrometry
 - NT2 tagged photon method
- NT1 dsa method
- NT1 four-pi counting
- NT1 low level counting
- NT1 photoelectron counting
- NT1 radioisotope scanning
 - NT2 scintiscanning
 - NT3 radioimmunoscintigraphy
- NT1 scintillation counting
- NT1 sequential scanning
- NT1 whole-body counting
- RT activity meters
- RT anticoincidence
- RT electronic circuits
- RT electronic equipment
- RT hodoscopes
- RT position sensitive detectors
- RT pulse techniques
- RT radiation detectors
- RT radioassay
- RT recording systems
- RT telescope counters

COUNTING TUBES

- UF dekatrons
- UF trochotrons
- BT1 electron tubes
- RT counting circuits
- RT pulse techniques
- RT scalers

county buildings

- INIS: 2000-04-12; ETDE: 1981-01-09
- USE public buildings

couple corrosion

- USE electrochemical corrosion

COUPLED CHANNEL BORN APPROXIMATION

- UF ccba
- *BT1 born approximation
- RT coupled channel theory
- RT nuclear reaction kinetics
- RT nuclear reactions
- RT scattering

COUPLED CHANNEL THEORY

- RT collisions
- RT coupled channel born approximation
- RT nuclear reactions

coupled fast reactor measurement facility

1993-11-05

- USE cfrmf reactor

COUPLED REACTOR CORES

- *BT1 reactor cores

COUPLING

Not for the concept covered by JOINING.

- NT1 electron-electron coupling
- NT1 electron-hole coupling
- NT1 electron-ion coupling
- NT1 electron-phonon coupling
- NT1 intermediate coupling
 - NT2 j-j coupling
 - NT2 l-s coupling
- NT1 pseudovector coupling
- NT1 ruderman-kittel coupling
- RT aligned coupling scheme
- RT bootstrap model
- RT bound state
- RT coupling constants
- RT decoupling
- RT goldberger-treiman relation
- RT impulse approximation
- RT interactions
- RT particle-core coupling model
- RT quasibound state
- RT strong-coupling model
- RT weak-coupling model

COUPLING CONSTANTS

- RT coupling

COUPLINGS

INIS: 1996-04-22; ETDE: 1976-09-28

(Until April 1996 this concept was indexed to MACHINE PARTS.)

- RT fasteners
- RT joining

couplings (machine parts)

INIS: 2000-04-12; ETDE: 1984-05-10

- USE machine parts

court buildings

INIS: 2000-04-12; ETDE: 1981-01-09

- USE public buildings

COURTS

INIS: 1976-12-08; ETDE: 1977-06-24

- RT dispute settlements
- RT hearings
- RT lawsuits

COVALENCE

- UF covalency
- RT binding energy

covalency

- USE covalence

COVER GAS

The inert gas blanket over the liquid metal in a liquid metal cooled reactor.

- *BT1 gases
- *BT1 inert atmosphere

COVERINGS

1999-05-27

- UF casings
- RT coatings
- RT containers
- RT double glazing
- RT glazing materials
- RT masking
- RT shells
- RT shutters
- RT triple glazing
- RT tubes

cow-milkers

- USE radioisotope generators

cowboy event

1997-01-28

(Prior to February 1996 this was a valid ETDE descriptor.)

- USE chemical explosions
- USE vela project

cowpea plants

INIS: 1992-05-07; ETDE: 2002-06-13

- USE vigna

COWS

- *BT1 cattle
- RT milk

COYOTES

INIS: 1993-02-18; ETDE: 1981-04-17

- UF canis latrans
- *BT1 mammals
- RT foxes
- RT wild animals
- RT wolves

cp-11 reactor

- USE argonaut reactor

CP-2 REACTOR

ANL, Argonne, Illinois, USA. Shut down in 1954.

- UF chicago pile-2 reactor
- *BT1 graphite moderated reactors
- *BT1 materials testing reactors
- *BT1 natural uranium reactors
- *BT1 research reactors
- *BT1 thermal reactors

cp-3' reactor

2000-04-12

- USE cp-3m reactor

CP-3 REACTOR

ANL, Argonne, Illinois, USA. Shut down in 1963.

- UF argonne heavy water reactor
- *BT1 heavy water cooled reactors
- *BT1 heavy water moderated reactors
- *BT1 natural uranium reactors
- *BT1 research reactors
- *BT1 tank type reactors
- *BT1 thermal reactors

CP-3M REACTOR

2000-04-12

ANL, Argonne, Illinois, USA.

- UF argonne heavy water modified reactor
- UF cp-3' reactor
- *BT1 enriched uranium reactors
- *BT1 heavy water cooled reactors
- *BT1 heavy water moderated reactors
- *BT1 research reactors
- *BT1 tank type reactors
- *BT1 thermal reactors

CP-5 REACTOR

ANL, Argonne, Illinois, USA. Shut down in 1979.

- UF argonne research reactor
- *BT1 enriched uranium reactors
- *BT1 heavy water cooled reactors
- *BT1 heavy water moderated reactors
- *BT1 isotope production reactors
- *BT1 research reactors
- *BT1 tank type reactors
- *BT1 test reactors
- *BT1 thermal reactors

CP-6 REACTOR

2000-04-12

ANL, Argonne, Illinois, USA.

- UF ahfr reactor
- UF argonne advanced research reactor
- UF argonne high flux reactor
- *BT1 pool type reactors
- *BT1 research reactors

CP INVARIANCE

- BT1 invariance principles
- RT kobayashi-maskawa matrix

CPB

- UF competitive protein binding
- *BT1 biochemical reaction kinetics
- RT antigen-antibody reactions
- RT enzyme immunoassay
- RT pbi
- RT proteins
- RT radioimmunoassay
- RT radiopharmaceuticals

cpdta

1996-07-18

Cyclopentanediarninetetraacetic acid.

(Until July 1996 this was a valid descriptor.)

- USE amino acids
- USE chelating agents

cpm

INIS: 1985-10-23; ETDE: 2002-06-13

Critical Path Method.

- USE pert method

CPPNM

INIS: 1985-06-10; ETDE: 1990-11-26

Convention on the Physical Protection of Nuclear Materials.

- UF convention on physical protection of nuclear material
- UF convention on the physical protection of nuclear materials
- UF nuclear materials, convention on physical protection
- UF physical protection of nuclear material, convention
- *BT1 multilateral agreements
- RT nuclear materials diversion
- RT nuclear materials management
- RT physical protection

cpr

INIS: 2000-04-12; ETDE: 1983-04-07

- USE first aid

CPT THEOREM

- BT1 invariance principles

cpu-400 combustion plant

INIS: 2000-04-12; ETDE: 1976-01-23

(Prior to February 1995, this was a valid ETDE descriptor.)

- USE waste processing plants

CRAB NEBULA

- BT1 nebulae
- *BT1 supernova remnants
- RT pulsars

CRABS

INIS: 1993-07-14; ETDE: 1981-06-15

- *BT1 decapods
- RT seafood

crack growth

INIS: 1980-09-12; ETDE: 1980-10-07

- USE crack propagation

CRACK PROPAGATION

INIS: 1980-09-12; ETDE: 1980-10-07

- UF crack growth
- SF failure propagation
- RT brittleness
- RT cracks
- RT fatigue
- RT fracture mechanics
- RT fractures
- RT stress intensity factors

CRACKING

1998-01-28

- *BT1 pyrolysis
- NT1 catalytic cracking
- NT1 hydrocracking
- NT1 thermal cracking
- RT petrochemistry

CRACKS

- RT ceramography
- RT crack propagation
- RT defects
- RT fracture mechanics
- RT fracture properties
- RT fractures
- RT geologic fissures
- RT geologic fractures
- RT hydraulic fractures
- RT notches
- RT stress intensity factors
- RT thermal fractures

CRACOW AIC-144 CYCLOTRON

INIS: 1982-07-22; ETDE: 1982-08-11

- UF aic-144 cyclotron
- *BT1 isochronous cyclotrons

cracow c-48 cyclotron

INIS: 1996-07-18; ETDE: 1979-02-23

(Until July 1996 this was a valid descriptor.)

- USE isochronous cyclotrons

CRACOW U-120 CYCLOTRON

INIS: 1979-04-27; ETDE: 1979-05-25

- *BT1 cyclotrons
- *BT1 heavy ion accelerators

CRAFTSMEN

INIS: 1996-05-15; ETDE: 1978-08-07

- UF artisans
- BT1 personnel
- RT builders
- RT occupations

CRANES

- *BT1 remote handling equipment
- RT hoists
- RT materials handling

CRANKING MODEL

- *BT1 nuclear models
- RT deformed nuclei
- RT governor model

CRATERING EXPLOSIONS

1996-07-23

- UF cabriolet event
- UF danny boy event
- UF palanquin event
- UF schooner event
- BT1 explosions
- NT1 sedan event

- RT chemical explosions
- RT craters
- RT mining
- RT nuclear excavation
- RT nuclear explosions
- RT plowshare project
- RT surface explosions
- RT surface mining
- RT underground explosions
- RT underground mining

CRATERS

- BT1 cavities
- RT cratering explosions
- RT excavation
- RT openings
- RT surface explosions
- RT underground explosions

CRAY COMPUTERS

INIS: 1980-04-02; ETDE: 1977-07-23

- BT1 computers
- RT supercomputers

crbr reactor

INIS: 1977-04-07; ETDE: 2002-06-13

- USE clinch river breeder reactor

cre

- USE cumulative radiation effects

CREATINE

- *BT1 amino acids
- RT creatinine
- RT guanidines
- RT phosphocreatine

CREATININE

- *BT1 imidazoles
- *BT1 imines
- RT creatine

CREATION OPERATORS

- *BT1 quantum operators
- RT second quantization
- RT vacuum states

credit accounts

INIS: 2000-04-12; ETDE: 1983-05-21

(Prior to March 1996 this was a valid ETDE descriptor.)

- SEE financing

credit cards

INIS: 2000-04-12; ETDE: 1979-11-23

(Prior to February 1995, this was a valid ETDE descriptor.)

- SEE financing

credits

INIS: 2000-04-12; ETDE: 1979-12-10

- SEE financial data

creeks

- USE streams

CREEP

- BT1 mechanical properties
- RT plasticity
- RT ratcheting
- RT stress relaxation

CREOSOTE

INIS: 1991-10-08; ETDE: 1980-01-24

A yellowish oily liquid containing a mixture of phenolic compounds obtained by distillation of coal or wood tars.

- RT coal tar
- RT cresols
- RT preservatives
- RT wood

CREPIS

*BT1 magnoliopsida

cresap process

INIS: 2000-04-12; ETDE: 1979-11-07

SEE coal liquefaction

CRESOLS

UF cresylic acid

UF hydroxytoluenes

UF methyl phenols

*BT1 phenols

RT creosote

cresylic acid

USE cresols

CRETACEOUS PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19

*BT1 mesozoic era

CREVICE CORROSION

1980-11-07

*BT1 corrosion

creys-malville reactor

INIS: 1977-03-01; ETDE: 2002-06-13

USE superphenix reactor

CRG PROCESSES

INIS: 2000-04-12; ETDE: 1976-03-22

UF british gas corporation process

UF catalytic rich gas process

RT high btu gas

RT synthetic fuels

cricetulus

USE hamsters

CRIME

INIS: 1993-02-18; ETDE: 1983-05-21

NT1 cyber attacks

NT1 fraud

NT1 theft

RT crime detection

RT criminology

CRIME DETECTION

UF forensic science

BT1 detection

NT1 nuclear forensics

RT activation analysis

RT chemical analysis

RT crime

RT criminology

RT tracer techniques

CRIMEA

INIS: 2000-04-12; ETDE: 1978-07-05

*BT1 ukraine

CRIMINOLOGY

INIS: 2000-04-12; ETDE: 1976-11-17

RT crime

RT crime detection

CRISTOBALITE

A mineral like quartz present in many siliceous volcanic rocks.

*BT1 oxide minerals

*BT1 silicate minerals

RT quartz

RT silicon oxides

critical assemblies

USE zero power reactors

CRITICAL CURRENT

*BT1 electric currents

RT superconductivity

critical experiments facility oak ridge

1993-11-05

USE or-cef reactor

CRITICAL FIELD

BT1 magnetic fields

RT superconductivity

CRITICAL FLOW

Fluid flow at a critical velocity, e.g. flow at the point at which it changes from laminar to turbulent.

BT1 fluid flow

RT critical velocity

RT laminar flow

RT turbulent flow

CRITICAL FREQUENCY

1982-10-29

The frequency below which radiation emitted at any angle from an antenna on the earth is reflected back.

RT ionosphere

RT radiowave radiation

critical group (icrp)

INIS: 1984-04-04; ETDE: 1984-05-10

Out of a general population, the group of persons most highly exposed to radiation by virtue of their occupations, diets, habits, etc.

USE icrp critical group

critical heat flow

USE departure nucleate boiling

CRITICAL HEAT FLUX

BT1 heat flux

RT heat transfer

CRITICAL MASS

BT1 mass

RT criticality

RT reflector savings

critical mass laboratory pnl

USE cml reactor

CRITICAL ORGANS

*BT1 organs

RT annual limit of intake

RT internal irradiation

RT nonuniform irradiation

RT radiation doses

RT radionuclide kinetics

RT retention

critical path method

USE pert method

CRITICAL PRESSURE

UF pressure (critical)

*BT1 thermodynamic properties

RT supercritical state

CRITICAL SIZE

BT1 size

RT criticality

RT reflector savings

CRITICAL TEMPERATURE

For superconducting transition use TRANSITION TEMPERATURE.

*BT1 transition temperature

RT heat treatments

RT phase diagrams

RT phase transformations

RT supercritical state

CRITICAL VELOCITY

BT1 velocity

RT critical flow

CRITICALITY

UF criticality accidents

UF subcriticality

RT buckling

RT chain reactions

RT critical mass

RT critical size

RT fission

RT multiplication factors

RT natural nuclear reactors

RT oklo phenomenon

RT reactor kinetics

RT reactor safety

RT reactors

RT reflector savings

RT response matrix method

criticality accidents

USE criticality

USE radiation accidents

CRNL MP TANDEM ACCELERATOR

INIS: 1976-06-23; ETDE: 1976-08-24

UF mp tandem accelerator

*BT1 tandem electrostatic accelerators

*BT1 van de graaff accelerators

CRNL SUPERCONDUCTING CYCLOTRON

INIS: 1982-09-21; ETDE: 1982-10-20

UF chalk river cyclotron

UF chalk river superconducting cyclotron

*BT1 heavy ion accelerators

*BT1 isochronous cyclotrons

CROATIA

1993-01-14

SF yugoslavia

*BT1 eastern europe

RT alps

CROATIAN ORGANIZATIONS

2004-03-31

BT1 national organizations

crocar

2000-04-12

USE chromium steels

CROCUS REACTOR

Atomic Engineering Lab. of the Lausanne Federal Polytechnic School, Lausanne, Switzerland.

*BT1 pool type reactors

*BT1 research reactors

*BT1 zero power reactors

CROLOY

1996-07-23

For unspecified Croloy alloys.

*BT1 steels

NT1 steel-cr13

NT2 stainless steel-410

NT1 steel-cr16

NT2 stainless steel-430

NT1 steel-cr18ni10

NT2 stainless steel-18-10

NT1 steel-cr2mo

NT2 steel-astm-a542

NT1 steel-cr5mo

croloy 12

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-cr13

croloy 18

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-cr16

croloy 2

INIS: 1983-11-07; ETDE: 2002-06-13
USE steel-cr2mo

croloy 299

INIS: 1996-07-23; ETDE: 1997-03-17
USE stainless steels

croloy 3035

INIS: 1983-11-07; ETDE: 2002-06-13
USE steel-cr18ni10

croloy 5

INIS: 1983-11-07; ETDE: 2002-06-13
USE steel-cr5mo

cropping systems

INIS: 1981-08-31; ETDE: 1981-09-22
USE cultivation techniques

CROPS

NT1 energy crops
RT agriculture
RT biomass plantations
RT cereals
RT cultivation
RT cultivation techniques
RT food
RT fruits
RT ground cover
RT harvesting
RT hydroponic culture
RT soil conservation
RT sugar cane
RT tobacco
RT vegetables
RT vernalization

CROSS-LINKING

*BT1 polymerization
RT radiation curing

cross-ridge mining

INIS: 2000-04-12; ETDE: 1978-07-05
Mining beginning and progressing perpendicularly to the long axis of a mountain ridge.
(Prior to February 1995, this was a valid ETDE descriptor.)
USE surface mining

CROSS SECTIONS

Whenever appropriate see the more specific descriptors listed below.

NT1 differential cross sections
NT2 excitation functions
NT1 group constants
NT1 integral cross sections
NT1 total cross sections
RT breit-wigner formula
RT cinda
RT detailed balance principle
RT four momentum transfer
RT giant resonance
RT giant resonance model
RT intermediate resonance
RT intermediate structure
RT mean free path
RT multilevel analysis
RT nuclear reactions
RT peierls method
RT reciprocal v law
RT rosenbluth formula
RT shadow effect
RT transfer matrix method

crossed beams

INIS: 2000-04-12; ETDE: 1978-11-14
USE colliding beams

CROSSED FIELDS

UF fields (crossed)
RT electric fields
RT magnetic fields

crossflow cooling towers

1985-12-10
USE cooling towers
USE crossflow systems

CROSSFLOW SYSTEMS

1985-12-10
UF crossflow cooling towers
RT cooling towers
RT evaporators
RT hydrodynamics
RT vapor condensers

CROSSING-OVER

RT chromosomes
RT gene recombination
RT gene recombination proteins
RT meiosis
RT mitosis
RT recombinant dna

CROSSING SYMMETRY

BT1 symmetry
RT scattering amplitudes

CROSSROADS PROJECT

1999-05-19
UF project crossroads
*BT1 nuclear explosions
RT atmospheric explosions
RT underwater explosions

CROSSTIE OPERATION

INIS: 2000-04-12; ETDE: 1979-11-23
*BT1 nuclear explosions
*BT1 underground explosions
NT1 gasbuggy event
RT contained explosions

croton oil

1996-10-22
(Until October 1996 this was a valid descriptor.)
USE triglycerides
USE vegetable oils

CROTONIC ACID

*BT1 monocarboxylic acids

CROWDIONS

*BT1 line defects
RT interstitials

crowfoot

USE ranunculaceae

CROWN ETHERS

INIS: 1992-01-28; ETDE: 1992-02-14
*BT1 ethers
RT chelating agents
RT complexes
RT ligands
RT solvent extraction

CRUAS-1 REACTOR

2010-08-17
Electricite de France, Cruas / Meysses, Ardeche, France
UF cruas meysse-1 reactor
*BT1 pwr type reactors

CRUAS-2 REACTOR

INIS: 1989-11-24; ETDE: 1989-12-08
Electricite de France, Cruas / Meysses, Ardeche, France
UF cruas meysse-2 reactor
*BT1 pwr type reactors

CRUAS-3 REACTOR

INIS: 1989-11-24; ETDE: 1989-12-08
Electricite de France, Cruas / Meysses, Ardeche, France
UF cruas meysse-3 reactor
*BT1 pwr type reactors

CRUAS-4 REACTOR

1992-09-07
Electricite de France, Cruas / Meysses, Ardeche, France
UF cruas meysse-4 reactor
*BT1 pwr type reactors

cruas meysse-1 reactor

2010-08-17
USE cruas-1 reactor

cruas meysse-2 reactor

2010-08-17
USE cruas-2 reactor

cruas meysse-3 reactor

2010-08-17
USE cruas-3 reactor

cruas meysse-4 reactor

2010-08-17
USE cruas-4 reactor

CRUCIBLES

RT casting
RT furnaces
RT melting

crude carriers

INIS: 2000-04-12; ETDE: 1976-08-04
USE tanker ships

crude oil

USE petroleum

CRUISE MISSILES

INIS: 2000-04-12; ETDE: 1979-05-02
BT1 missiles

CRUSHING

(Prior to February 1992, this descriptor was used to index the concept of pulverizing, which is now indexed by COMMINATION.)
BT1 comminution
RT coal preparation
RT fragmentation
RT ore processing
RT pulverizers

CRUSTACEANS

BT1 aquatic organisms
*BT1 arthropods
NT1 branchiopods
NT2 artemia
NT2 daphnia
NT1 copepods
NT1 decapods
NT2 crabs
NT2 lobsters
NT2 prawns
NT2 shrimp
RT zooplankton

CRYOBIOLOGY

INIS: 2000-04-12; ETDE: 1981-04-17
BT1 biology
RT cryogenics
RT freezing
RT thawing

cryocables

1985-12-10
USE cryogenic cables

CRYOGENIC BUBBLE CHAMBERS

*BT1 bubble chambers

CRYOGENIC CABLES

1985-12-10

(Prior to 1986 SUPERCONDUCTING CABLES was used for this concept.)

UF cryocables

*BT1 electric cables

RT superconducting cables

CRYOGENIC FLUIDS

INIS: 1976-03-25; ETDE: 1975-10-28

UF cryogens

BT1 fluids

RT cryogenics

RT helium

RT hydrogen

RT liquefied gases

RT methane

RT nitrogen

RT oxygen

RT refrigerants

CRYOGENIC STORAGE DEVICES

BT1 memory devices

CRYOGENICS

RT adiabatic demagnetization

RT cryobiology

RT cryogenic fluids

RT cryopumps

RT cryostats

RT cryotrons

RT dewars

RT freons

RT helium dilution refrigeration

RT hydrogen storage

RT magnetic refrigerators

RT superconductivity

RT superfluidity

RT temperature range 0000-0013 k

RT temperature range 0013-0065 k

RT temperature range 0065-0273 k

RT temperature zero k

cryogens

INIS: 1976-03-25; ETDE: 1975-10-28

USE cryogenic fluids

CRYOPUMPS

*BT1 vacuum pumps

RT cryogenics

CRYOSCOPY*Measurement of freezing-point depression produced in a solvent by a solute to determine molecular weight of the solute or properties of solutions.*

UF freezing point depression

RT molecular weight

CRYOSPHERE

INIS: 2000-04-12; ETDE: 1993-05-28

The portion of the climate system consisting of the world's ice masses and snow deposits, which include the continental ice sheets, mountain glaciers, sea ice, surface snow cover, and lake and river ice.

NT1 polar regions

NT2 antarctic regions

NT3 antarctica

NT2 arctic regions

RT boreal regions

RT glaciers

RT hydrosphere

RT ice

RT ice caps

RT icebergs

RT snow

CRYOSTATS

*BT1 thermostats

RT cryogenics

RT equipment protection devices

RT helium dilution refrigerators

RT magnetic refrigerators

RT refrigerators

CRYOTRONS*Switching devices based on the magnetic control of superconductivity.*

BT1 superconducting devices

*BT1 switches

RT cryogenics

CRYPT CELLS

*BT1 somatic cells

RT epithelium

RT intestines

CRYPTOGRAPHY

INIS: 2000-04-12; ETDE: 1984-07-20

The enciphering and deciphering of messages in secret code.

(Prior to April 1997 this was a valid ETDE descriptor; it is re-introduced into the Joint Thesaurus in October 2005.)

NT1 quantum cryptography

RT communications

RT data transmission

RT information

RT secrecy protection

RT security

CRYSTAL COUNTERS

UF diamond counters

*BT1 radiation detectors

NT1 filament crystal counters

RT bulk semiconductor detectors

CRYSTAL DEFECTS

1996-01-24

UF lattice defects

BT1 crystal structure

NT1 line defects

NT2 crowdions

NT2 dislocations

NT3 edge dislocations

NT3 screw dislocations

NT1 point defects

NT2 interstitials

NT3 i centers

NT2 vacancies

NT3 color centers

NT4 a centers

NT4 e centers

NT4 f centers

NT4 h centers

NT4 i centers

NT4 m centers

NT4 r centers

NT4 s centers

NT4 u centers

NT4 v centers

NT4 x centers

NT4 z centers

NT3 frenkel defects

NT3 schottky defects

NT1 stacking faults

RT cavities

RT crystal lattices

RT inclusions

RT internal friction

RT microstructure

RT radiation effects

RT thermal spikes

CRYSTAL DOPING

UF doping (crystal)

RT bromine additions

RT chlorine additions

RT doped materials

RT fluorine additions

RT ion implantation

RT trace amounts

crystal faces

INIS: 1995-12-11; ETDE: 1979-06-06

USE crystals

USE surfaces

CRYSTAL FIELD

RT crystal structure

RT electronic structure

CRYSTAL GROWTH

1996-04-15

UF growth (crystal)

RT bridgman method

RT cast method

RT cleavage

RT crystal growth methods

RT crystallization

RT crystals

RT czochralski method

RT dendritic web growth method

RT efg method

RT epitaxy

RT grain growth

RT heat exchanger method

RT inverted stepanov method

RT liquid phase epitaxy

RT molecular beam epitaxy

RT nucleation

RT ribbon-to-ribbon method

RT stockbarger method

RT vapor phase epitaxy

RT verneuil method

RT zone melting

CRYSTAL GROWTH METHODS

INIS: 1996-04-15; ETDE: 1980-02-11

UF lass growth method

UF low-angle silicon-sheet growth method

NT1 bridgman method

NT1 cast method

NT1 czochralski method

NT1 dendritic web growth method

NT1 efg method

NT1 epitaxy

NT2 liquid phase epitaxy

NT2 molecular beam epitaxy

NT2 vapor phase epitaxy

NT1 heat exchanger method

NT1 inverted stepanov method

NT1 ribbon-to-ribbon method

NT1 ribbon-to-sheet method

NT1 stockbarger method

NT1 verneuil method

NT1 zone melting

RT crystal growth

CRYSTAL LATTICES

UF lattices (crystal)

UF space lattices

BT1 crystal structure

NT1 three-dimensional lattices

NT2 cubic lattices

NT3 bcc lattices

NT3 fcc lattices

NT2 hexagonal lattices

NT3 hcp lattices

NT2 monoclinic lattices

NT2 orthorhombic lattices

NT2 pentagonal lattices

NT2 tetragonal lattices

NT2 triclinic lattices

NT2 trigonal lattices

NT1 two-dimensional systems

NT2 hexagonal systems

NT2 pentagonal systems

RT coordination valences

RT crystal defects

RT crystallography

RT crystals
 RT diffraction methods
 RT electron channeling
 RT electron-phonon coupling
 RT habit planes
 RT ion channeling
 RT lattice parameters
 RT laue method
 RT laves phases
 RT microstructure
 RT miller indices
 RT muon spin relaxation
 RT space groups
 RT trapping
 RT vegard law

CRYSTAL MODELS

For theories only.

UF models (crystal)
 BT1 mathematical models
 NT1 heisenberg model
 NT1 hubbard model
 NT1 ising model
 RT crystal structure
 RT replicas

CRYSTAL-PHASE TRANSFORMATIONS

UF crystal phase transitions
 BT1 phase transformations
 RT crystal structure
 RT graphitization
 RT order-disorder transformations

crystal phase transitions

INIS: 1984-04-04; ETDE: 1984-05-10
 USE crystal-phase transformations

crystal river

INIS: 2000-04-12; ETDE: 1975-11-28
 (Prior to February 1995, this was a valid ETDE descriptor.)
 USE colorado
 USE rivers

CRYSTAL RIVER-3 REACTOR

Florida Power Co., Red Level, Florida, USA.
 Permanent shutdown since 2013.
 UF red level-3 reactor
 *BT1 pwr type reactors

CRYSTAL RIVER-4 REACTOR

Florida Power Co., Red Level, Florida, USA.
 Canceled in 1972 before construction began.
 UF red level-4 reactor
 *BT1 pwr type reactors

CRYSTAL STRUCTURE

UF structure (crystal)
 NT1 beta-w structures
 NT1 crystal defects
 NT2 line defects
 NT3 crowdions
 NT3 dislocations
 NT4 edge dislocations
 NT4 screw dislocations
 NT2 point defects
 NT3 interstitials
 NT4 i centers
 NT3 vacancies
 NT4 color centers
 NT5 a centers
 NT5 e centers
 NT5 f centers
 NT5 h centers
 NT5 i centers
 NT5 m centers
 NT5 r centers
 NT5 s centers
 NT5 u centers
 NT5 v centers

NT5 x centers
 NT5 z centers
 NT4 frenkel defects
 NT4 schottky defects
 NT2 stacking faults
 NT1 crystal lattices
 NT2 three-dimensional lattices
 NT3 cubic lattices
 NT4 bcc lattices
 NT4 fcc lattices
 NT3 hexagonal lattices
 NT4 hcp lattices
 NT3 monoclinic lattices
 NT3 orthorhombic lattices
 NT3 pentagonal lattices
 NT3 tetragonal lattices
 NT3 triclinic lattices
 NT3 trigonal lattices
 NT2 two-dimensional systems
 NT3 hexagonal systems
 NT3 pentagonal systems

RT allotropy
 RT axial ratio
 RT configuration
 RT crystal field
 RT crystal models
 RT crystal-phase transformations
 RT crystallography
 RT density of states
 RT guinier-preston zones
 RT kikuchi lines
 RT lattice vibrations
 RT metamict state
 RT morphology
 RT optical activity
 RT order parameters
 RT peierls-nabarro force
 RT physical metallurgy
 RT solid state physics
 RT structure factors
 RT texture
 RT twinning

crystal violet

INIS: 2000-04-12; ETDE: 1979-07-18
 USE methyl violet

CRYSTALLINE LENS

UF lens (crystalline)
 *BT1 eyes
 RT cataracts

crystalline rocks

INIS: 2000-04-12; ETDE: 1983-02-09
 General term for igneous and metamorphic rocks as opposed to sedimentary rocks.
 USE igneous rocks
 USE metamorphic rocks

CRYSTALLIZATION

BT1 phase transformations
 RT agglomeration
 RT amorphous state
 RT cleavage
 RT crystal growth
 RT crystals
 RT epitaxy
 RT frost
 RT mineralization
 RT nucleation
 RT precipitation
 RT purification
 RT recrystallization
 RT separation processes
 RT solidification
 RT solubility
 RT zone refining

CRYSTALLOGRAPHY

UF radiocrystallography

RT atomic beam diffraction
 RT crystal lattices
 RT crystal structure
 RT crystals
 RT diffraction methods
 RT electron diffraction
 RT gamma diffractometers
 RT neutron diffraction
 RT neutron diffractometers
 RT patterson method
 RT x-ray diffraction
 RT x-ray diffractometers

CRYSTALS

1996-01-24

(From June 1979 till February 1997

CRYSTAL FACES was a valid ETDE descriptor; from February 1975 till March 1997 QUANTUM CRYSTALS was a valid ETDE descriptor; from February 1975 till February 1995 RIEHL-SCHON MODEL was a valid ETDE descriptor.)

UF crystal faces
 UF quantum crystals
 UF riehl-schon model
 NT1 anharmonic crystals
 NT1 dendrites
 NT1 ionic crystals
 NT1 liquid crystals
 NT1 molecular crystals
 NT1 monocrystals
 NT2 whiskers
 NT1 polycrystals
 NT2 bicrystals
 RT clathrates
 RT crystal growth
 RT crystal lattices
 RT crystallization
 RT crystallography
 RT ion implantation
 RT solids
 RT umklapp processes

CS-R PROCESS

INIS: 2000-04-12; ETDE: 1981-08-04
 Hydrogasification process, developed by Cities Service and Rockwell International, in which entrained coal particles are hydrogenated using hot hydrogen.
 UF rockwell flash hydroliquefaction process
 *BT1 coal gasification
 RT high btu gas
 RT hydrogenation

cs-sr process

INIS: 2000-04-12; ETDE: 1978-10-23
 Cities Service process for non-catalytic vapor-phase hydrogenation of carbonaceous feedstocks.
 (Prior to July 1993, this was a valid ETDE descriptor.)
 SEE coal gasification
 SEE coal liquefaction

CSCND

2000-10-18

Convention on Supplementary Compensation for Nuclear Damage.

UF convention on supplementary compensation for nuclear damage
 UF nuclear damage, conv. on supplementary compensation for
 *BT1 multilateral agreements
 RT iaea
 RT nuclear liability

csf process

2000-04-12

Consolidation Coal Company process for the direct conversion of coal to synthetic crude oil by hydrogenation after solvent extraction (extension and improvement over pott-broche process).

(Prior to March 1994, this was a valid ETDE descriptor.)

USE coal liquefaction

csi process

INIS: 2000-04-12; ETDE: 1975-11-28

Commonwealth Scientific and Industrial Research Organization process for fluidized-bed hydrocarbonization of non-caking brown coal to produce methane, liquor, tar, and residual char.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE coal gasification

CSREX PROCESS

*BT1 reprocessing

RT solvent extraction

CT-6B TOKAMAK

INIS: 1989-12-07; ETDE: 1990-01-03

Academia Sinica, Beijing, China.

*BT1 tokamak devices

CT-GUIDED RADIOTHERAPY

2007-11-22

Computerized tomography image-guided radiotherapy

UF tomotherapy

*BT1 radiotherapy

RT computerized tomography

ct scanning

INIS: 1978-01-16; ETDE: 1978-03-03

USE cat scanning

CTBT

INIS: 1998-06-10; ETDE: 1998-10-19

Comprehensive Nuclear-Test-Ban Treaty.

BT1 treaties

RT arms control

RT ctbt

RT non-proliferation policy

RT nuclear disarmament

RT nuclear explosion detection

RT nuclear explosions

RT nuclear freeze

RT nuclear weapons

RT safeguards

CTBTO

INIS: 1998-06-10; ETDE: 1998-10-19

Comprehensive Nuclear-Test-Ban Treaty Organization.

BT1 international organizations

RT arms control

RT austria

RT ctbt

RT non-proliferation policy

RT nuclear disarmament

RT nuclear explosions

RT nuclear freeze

RT nuclear weapons

RT safeguards

RT united nations

CTX SPHEROMAK

INIS: 1984-11-30; ETDE: 1984-05-08

A LASL facility to investigate the production, equilibrium, stability and confinement properties of compact toroids of the spheromak type in the absence of externally supported toroidal fields.

*BT1 spheromak devices

CUBA

BT1 developing countries

*BT1 greater antilles

BT1 latin america

CUBAN ORGANIZATIONS

2004-03-31

BT1 national organizations

CUBIC LATTICES

UF perovskite crystal structure

*BT1 three-dimensional lattices

NT1 bcc lattices

NT1 fcc lattices

CUCUMBERS

*BT1 magnoliopsida

*BT1 vegetables

cucurbita foetidissima

INIS: 2000-04-12; ETDE: 1980-11-25

USE buffalo gourd

CUEX

INIS: 1975-11-07; ETDE: 1975-12-16

UF cumulative exposure index

RT human populations

RT icrp

RT integral doses

CULHAM LABORATORY

INIS: 1983-02-04; ETDE: 1983-03-07

*BT1 ukaea

CULM

INIS: 2000-04-12; ETDE: 1979-09-27

Coal dust or slack; formations of shale or sandstone containing beds of impure anthracite.

*BT1 mineral wastes

RT anthracite

RT coal

RT surface mining

CULTIVATION

INIS: 1999-03-02; ETDE: 1977-12-22

RT agriculture

RT crops

RT cultivation techniques

CULTIVATION TECHNIQUES

UF cropping systems

UF plant cultivation

UF tillage

NT1 hydroponic culture

NT1 short rotation cultivation

RT agriculture

RT crops

RT cultivation

RT drought resistance

RT irrigation

CULTURAL OBJECTS

INIS: 1981-12-23; ETDE: 1982-02-09

Objects of historical and/or artistic value.

UF art objects

UF museum objects

UF paintings

RT age estimation

RT archaeological sites

RT archaeological specimens

RT historical aspects

RT preservation

CULTURAL RESOURCES

INIS: 1999-05-20; ETDE: 1978-12-11

Archaeological and historical sites.

BT1 resources

RT archaeological specimens

RT architecture

culture (safety)

2003-01-17

USE safety culture

CULTURE MEDIA

1997-06-19

RT batch culture

RT cell cultures

RT continuous culture

RT in vitro

RT nutrients

RT semibatch culture

RT single cell protein

RT tissue cultures

cultures (cells)

USE cell cultures

cultures (tissue)

USE tissue cultures

CUMBERLAND RIVER

1997-06-19

*BT1 rivers

RT kentucky

RT tennessee

CUMENE

UF isopropylbenzene

*BT1 alkylated aromatics

cumulative effect

INIS: 1984-04-04; ETDE: 1984-05-10

Production of particles in the region of limiting fragmentation of nuclei outside the limits allowed by one-nucleon collision kinematics.

USE limiting fragmentation

USE particle production

cumulative exposure index

INIS: 1975-11-07; ETDE: 1975-12-22

USE cuex

cumulative liability

INIS: 1990-12-15; ETDE: 2002-06-13

(Prior to December 1990, this was a valid descriptor.)

USE liabilities

CUMULATIVE RADIATION**EFFECTS**

UF cre

BT1 radiation effects

RT fractionated irradiation

RT radiotherapy

RT temporal dose distributions

CUNICO

2000-04-12

*BT1 cobalt alloys

*BT1 copper alloys

*BT1 nickel alloys

CUPFERRON

UF phenylhydroxylamine

*BT1 amines

*BT1 hydroxy compounds

BT1 reagents

CUPRATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

*BT1 copper compounds

BT1 oxygen compounds

RT copper oxides

cuprosklodowskite

1997-01-28

(Until October 1996 this was a valid descriptor.)

- USE silicate minerals
- USE uranium minerals

CURCUMIN

- BT1 dyes
- *BT1 ethers
- *BT1 ketones
- *BT1 polyphenols

curie law

- USE curie-weiss law

CURIE POINT

- UF curie temperature
- *BT1 transition temperature
- RT ferromagnetism
- RT magnetic susceptibility

curie temperature

- USE curie point

CURIE-WEISS LAW

- UF curie law
- RT magnetic susceptibility

CURING

INIS: 1982-10-29; ETDE: 1978-03-03

- NT1 radiation curing
- RT drying
- RT heat treatments
- RT polymerization
- RT vulcanization

curite

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE oxide minerals
- USE uranium minerals

CURIUM

- *BT1 actinides
- *BT1 transplutonium elements

CURIUM 232

INIS: 1997-02-07; ETDE: 1979-11-23

- *BT1 actinide nuclei
- *BT1 beta-plus decay radioisotopes
- *BT1 curium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei

CURIUM 233

2007-01-24

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes

CURIUM 234

2007-01-24

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes

CURIUM 235

2007-01-24

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes

CURIUM 236

INIS: 1986-03-04; ETDE: 1986-04-11

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes

CURIUM 237

2003-09-03

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes

CURIUM 238

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes

CURIUM 239

- *BT1 actinide nuclei
- *BT1 curium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes

CURIUM 240

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 days living radioisotopes
- *BT1 even-even nuclei
- *BT1 spontaneous fission radioisotopes

CURIUM 241

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 spontaneous fission radioisotopes

CURIUM 242

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 days living radioisotopes
- *BT1 even-even nuclei
- *BT1 spontaneous fission radioisotopes

CURIUM 242 TARGET

ETDE: 1976-07-09

- BT1 targets

CURIUM 243

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-odd nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

CURIUM 243 TARGET

INIS: 1976-10-29; ETDE: 1976-11-29

- BT1 targets

CURIUM 244

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-even nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

CURIUM 244 TARGET

ETDE: 1976-07-09

- BT1 targets

CURIUM 245

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-odd nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

CURIUM 245 TARGET

ETDE: 1976-07-09

- BT1 targets

CURIUM 246

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-even nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

CURIUM 246 TARGET

INIS: 1976-10-29; ETDE: 1976-09-29

- BT1 targets

CURIUM 247

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-odd nuclei
- *BT1 years living radioisotopes

CURIUM 247 TARGET

INIS: 1978-07-03; ETDE: 1978-03-08

- BT1 targets

CURIUM 248

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-even nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

CURIUM 248 TARGET

ETDE: 1976-07-09

- BT1 targets

CURIUM 249

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes

CURIUM 249 TARGET

INIS: 1992-09-22; ETDE: 1984-09-05

- BT1 targets

CURIUM 250

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-even nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

CURIUM 250 TARGET

ETDE: 1976-07-09

- BT1 targets

CURIUM 251

INIS: 1978-02-23; ETDE: 1977-05-07

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 curium isotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes

CURIUM 252

- *BT1 actinide nuclei
- *BT1 curium isotopes
- *BT1 even-even nuclei

CURIUM ADDITIONS

Alloys containing not more than 1% Cm are listed here.

- *BT1 curium alloys

CURIUM ALLOYS

1996-07-18

Alloys containing more than 1% Cm.

- UF curium base alloys
- *BT1 actinide alloys
- NT1 curium additions

CURIUM ARSENIDES

1996-07-18

(From July 1996 to February 2008 CURIUM COMPOUNDS + ARSENIDES was used for this concept.)

- *BT1 arsenides
- *BT1 curium compounds

curium base alloys

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE curium alloys

CURIUM BROMIDES

1996-07-18

(From July 1996 to September 2007 CURIUM COMPOUNDS + BROMIDES was used for this concept.)

- *BT1 bromides
- *BT1 curium halides

CURIUM CARBONATES

1996-07-18

(From July 1996 to November 2007 CURIUM COMPOUNDS + CARBONATES was used for this concept.)

- *BT1 carbonates
- *BT1 curium compounds

CURIUM CHLORIDES

- *BT1 chlorides
- *BT1 curium halides

CURIUM COMPLEXES

- *BT1 actinide complexes
- *BT1 transuranium complexes

CURIUM COMPOUNDS

1996-11-13

- BT1 actinide compounds
- *BT1 transplutonium compounds
- NT1 curium arsenides
- NT1 curium carbonates
- NT1 curium halides
- NT2 curium bromides
- NT2 curium chlorides
- NT2 curium fluorides
- NT2 curium iodides
- NT1 curium hydrides
- NT1 curium hydroxides
- NT1 curium nitrates
- NT1 curium nitrides
- NT1 curium oxides
- NT1 curium phosphides
- NT1 curium selenides
- NT1 curium silicates
- NT1 curium sulfides
- NT1 curium tellurides

CURIUM FLUORIDES

- *BT1 curium halides
- *BT1 fluorides

CURIUM HALIDES

2012-07-19

- *BT1 curium compounds
- *BT1 halides
- NT1 curium bromides
- NT1 curium chlorides
- NT1 curium fluorides
- NT1 curium iodides

CURIUM HYDRIDES

1997-01-28

(From November 1996 to November 2007 CURIUM COMPOUNDS + HYDRIDES was used for this concept.)

- *BT1 curium compounds
- *BT1 hydrides

CURIUM HYDROXIDES

1997-01-28

(From November 1996 to November 2007 CURIUM COMPOUNDS + HYDROXIDES was used for this concept.)

- *BT1 curium compounds
- *BT1 hydroxides

CURIUM IODIDES

INIS: 1987-08-27; ETDE: 1987-03-24

- *BT1 curium halides
- *BT1 iodides

CURIUM IONS

- *BT1 ions

CURIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 curium 232
- NT1 curium 233
- NT1 curium 234
- NT1 curium 235
- NT1 curium 236
- NT1 curium 237
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- NT1 curium 244
- NT1 curium 245
- NT1 curium 246
- NT1 curium 247
- NT1 curium 248
- NT1 curium 249
- NT1 curium 250
- NT1 curium 251
- NT1 curium 252

CURIUM NITRATES

- *BT1 curium compounds
- *BT1 nitrates

CURIUM NITRIDES

1997-01-28

(From November 1996 to November 2007 CURIUM COMPOUNDS + NITRIDES was used for this concept.)

- *BT1 curium compounds
- *BT1 nitrides

CURIUM OXIDES

- *BT1 curium compounds
- *BT1 oxides

CURIUM PHOSPHIDES

1996-07-18

(From July 1996 to November 2007 CURIUM COMPOUNDS + PHOSPHIDES was used for this concept.)

- *BT1 curium compounds
- *BT1 phosphides

CURIUM SELENIDES

INIS: 2000-04-12; ETDE: 1975-10-28

(From March 1997 to November 2007 CURIUM COMPOUNDS + SELENIDES was used for this concept.)

- *BT1 curium compounds
- *BT1 selenides

CURIUM SILICATES

INIS: 1997-01-28; ETDE: 1984-09-05

(From November 1996 to November 2007 CURIUM COMPOUNDS + SILICATES was used for this concept.)

- *BT1 curium compounds
- *BT1 silicates

CURIUM SULFIDES

1996-07-18

(From July 1996 to November 2007 CURIUM COMPOUNDS + SULFIDES was used for this concept.)

- *BT1 curium compounds
- *BT1 sulfides

CURIUM TELLURIDES

INIS: 2000-04-12; ETDE: 1976-11-01

(From March 1997 to February 2008 CURIUM COMPOUNDS + TELLURIDES was used for this concept.)

- *BT1 curium compounds
- *BT1 tellurides

current (alternating)

- USE alternating current

current (direct)

- USE direct current

current (leakage)

- USE leakage current

CURRENT ALGEBRA

- RT algebraic currents
- RT cabibbo angle
- RT commutation relations
- RT commutators
- RT current commutators
- RT current divergences
- RT cvc theory
- RT field algebra
- RT low-energy theorem
- RT pcac theory
- RT pcvc theory
- RT quantum field theory
- RT symmetry groups
- RT v-a theory

CURRENT COMMUTATORS

For operators in current algebra; in electric circuitry use SWITCHES.

- *BT1 commutators
- NT1 sigma terms
- RT algebraic currents
- RT current algebra
- RT schwinger terms

CURRENT DENSITY

- UF density (current)
- RT beam currents
- RT carrier density
- RT electric currents
- RT electron density

CURRENT DIVERGENCES

- RT algebraic currents
- RT current algebra

CURRENT-DRIVE HEATING

INIS: 1983-03-16; ETDE: 1982-10-05

Techniques for inducing steady-state currents in tokamaks, and thereby overcoming the problems associated with pulsed operation.

Heating mechanisms which can lend themselves efficiently to continuous current generation include neutral beams, Alfvén waves, ion-cyclotron waves, lower-hybrid waves, and electron cyclotron waves.

*BT1 joule heating

RT non-inductive current drive

CURRENT LIMITERS

INIS: 1978-08-30; ETDE: 1977-03-08

Devices that restrict the flow of current to a certain amount, regardless of the applied voltage.

UF demand limiters

*BT1 electrical equipment

RT circuit breakers

RT electric currents

RT power transmission lines

RT threshold current

current limiting fuses

INIS: 2000-04-12; ETDE: 1981-10-24

(Prior to April 1997 THRESHOLD CURRENT was used for this concept in ETDE.)

USE electric fuses

CURRENT-TO-FREQUENCY CONVERTERS

2000-04-12

*BT1 pulse converters

current-voltage curves

2006-01-19

USE electric conductivity

CURRENTS

NT1 algebraic currents

NT2 axial-vector currents

NT2 charged currents

NT3 weak charged currents

NT2 neutral currents

NT3 weak neutral currents

NT2 second-class currents

NT2 vector currents

NT1 beam currents

NT2 amp beam currents

NT2 kilo amp beam currents

NT2 mega amp beam currents

NT2 micro amp beam currents

NT2 milli amp beam currents

NT2 nano amp beam currents

NT2 pico amp beam currents

NT1 electric currents

NT2 alternating current

NT2 bootstrap current

NT2 critical current

NT2 direct current

NT2 eddy currents

NT2 electric arcs

NT2 electrojets

NT2 faraday current

NT2 leakage current

NT3 dark current

NT2 overcurrent

NT2 photocurrents

NT2 ring currents

NT2 threshold current

NT1 water currents

NT2 gulf stream

NT2 gyres

RT atmospheric circulation

RT voltammetry

currents (algebraic)

2000-04-12

USE algebraic currents

currents (beam)

2000-04-12

USE beam currents

currents (electric)

2000-04-12

USE electric currents

currents (neutral)

2000-04-12

USE neutral currents

currents (water)

INIS: 2000-04-12; ETDE: 1979-07-18

USE water currents

curriculum guides

INIS: 2000-04-12; ETDE: 1977-06-21

(Prior to April 1997 this was a valid ETDE descriptor.)

USE educational tools

curtailments

INIS: 1985-12-10; ETDE: 1978-03-03

USE allocations

CURTAINS

INIS: 2000-04-12; ETDE: 1979-02-27

UF draperies

RT air curtains

RT buildings

RT passive solar cooling systems

RT passive solar heating systems

RT screens

RT shading

RT shutters

RT sun shades

RT thermal insulation

RT windows

curve of growth (spectroscopic)

INIS: 1993-11-05; ETDE: 2002-06-13

USE spectroscopic curve of growth

curves

USE diagrams

CURVILINEAR COORDINATES

INIS: 1985-07-23; ETDE: 1985-08-09

BT1 coordinates

NT1 magnetic flux coordinates

RT metrics

RT riemann space

CUSHING SYNDROME

*BT1 endocrine diseases

RT corticosteroids

RT pituitary gland

cusp

USE cusped geometries

CUSPED GEOMETRIES

UF cusp

UF picket fence

*BT1 open configurations

RT geometry

CUTTER LOADERS

INIS: 2000-04-12; ETDE: 1977-06-02

*BT1 cutting machines

*BT1 loaders

NT1 coal plows

NT1 continuous miners

NT1 heading machines

NT1 shearer loaders

RT coal mining

CUTTING

BT1 machining

RT cutting tools

RT mechanical decladding

CUTTING FLUIDS

INIS: 1994-07-01; ETDE: 1982-05-12

BT1 fluids

RT coolants

RT lubricants

RT machining

CUTTING MACHINES

INIS: 2000-04-12; ETDE: 1985-04-09

*BT1 mining equipment

NT1 cutter loaders

NT2 coal plows

NT2 continuous miners

NT2 heading machines

NT2 shearer loaders

RT coal mining

CUTTING TOOLS

*BT1 tools

RT cutting

RT shredders

CUTTINGS REMOVAL

INIS: 1993-03-23; ETDE: 1983-03-23

UF drill cuttings removal

BT1 removal

RT coring fluids

RT drilling

RT drilling fluids

RT well drilling

CVC THEORY

RT current algebra

RT vector currents

CVTR REACTOR

Carolinas-Virginia Nuclear Power Associates, Parr, South Carolina, USA. Decommissioned in 1967.

UF carolinas virginia tube reactor

UF parr carolinas cvtr reactor

*BT1 enriched uranium reactors

*BT1 phwr type reactors

*BT1 pressure tube reactors

*BT1 thermal reactors

CWIP

INIS: 2000-04-03; ETDE: 1978-11-14

Construction work in progress.

UF construction work in progress

BT1 construction

RT accounting

RT afudc

RT public utilities

cyam process

INIS: 2000-04-12; ETDE: 1983-03-23

Proprietary US Steel Corp. process for recovering both free and fixed ammonia from waste water.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE waste processing

CYANAMIDES

*BT1 carbonic acid derivatives

*BT1 organic nitrogen compounds

CYANATES

1995-01-11

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

*BT1 carbonic acid derivatives

BT1 nitrogen compounds

RT cyanides

RT isocyanates

RT oxygen compounds

CYANIDES

Specific compounds, except those of significance to energy research and development such as the NT listed below, should be indexed by coordination of a

*descriptor of the form (CATION)
COMPOUNDS and the above anion
descriptor.*

NT1 hydrogen cyanides
RT cyanates
RT cyanogen

CYANINE DYES

INIS: 1983-06-02; ETDE: 1979-05-02

BT1 dyes
RT aromatics
RT heterocyclic compounds

cyanoacetylene

2000-04-12

USE propiolonitrile

CYANOBACTERIA

INIS: 1983-02-03; ETDE: 1983-03-07

UF blue-green algae
BT1 microorganisms

cyanocobalamin

USE vitamin b-12

cyanoferrates

INIS: 1975-10-23; ETDE: 2002-06-13

USE ferricyanides

CYANOGEN

RT cyanides

CYANURATES

***BT1** organic oxygen compounds
***BT1** triazines

CYBER ATTACKS

2018-07-12

*Malicious action that targets sensitive
information or sensitive information assets
with the intent of stealing, altering, preventing
access to or destroying a specified target
through unauthorized access to (or actions
within) a susceptible system.*

BT1 crime
BT1 sabotage
RT classified information
RT computer networks
RT computerized control systems
RT vulnerability

CYBERNETICS

RT control
RT information theory
RT man-machine systems

cycasin

2000-04-12

(Prior to April 1994, this was a valid ETDE
descriptor.)

USE azo compounds
USE carcinogens
USE hexoses

CYCLASES

INIS: 1983-02-03; ETDE: 1983-03-07

***BT1** lyases
RT phosphoproteins

cycles (thermodynamic)

USE thermodynamic cycles

CYCLIC ACCELERATORS

UF linotrons
BT1 accelerators
NT1 betatrons
NT1 bevalac
NT1 cyclotrons
NT2 cracow u-120 cyclotron
NT2 isochronous cyclotrons
NT3 aabo cyclotron
NT3 alice cyclotron
NT3 brookhaven cyclotron

NT3 cracow aic-144 cyclotron
NT3 cml superconducting cyclotron
NT3 cyclone cyclotron
NT3 debrecen cyclotron
NT3 eindhoven cyclotron
NT3 ganil cyclotron
NT3 grenoble cyclotron
NT3 haizy cyclotron
NT3 hirfl cyclotron
NT3 inr cyclotron
NT3 ipcr cyclotron
NT3 iu cyclotron
NT3 jinr cyclotrons
NT4 jinr dc-110 cyclotron
NT4 jinr u-400 cyclotron
NT4 jinr u-400m cyclotron
NT3 julic cyclotron
NT3 karlsruhe cyclotron
NT3 kazakhstan cyclotron
NT3 kiev cyclotron
NT3 kvi cyclotron
NT3 milan superconducting cyclotron
NT3 msu cyclotrons
NT3 munich compact cyclotron
NT3 munich suse cyclotron
NT3 nac cyclotron
NT3 nirs cyclotron
NT3 nrl cyclotron
NT3 ornl isochronous cyclotron
NT3 orsay cyclotron
NT3 oslo cyclotron
NT3 princeton cyclotron
NT3 rcnp cyclotron
NT3 sara cyclotron
NT3 sin cyclotron
NT3 texas a and m cyclotron
NT3 texas superconducting cyclotron
NT3 tohoku cyclotron
NT3 tokyo ins cyclotron
NT3 triumf cyclotron
NT3 uclrl cyclotrons
NT4 lbl 88-inch cyclotron
NT3 warsaw cyclotron
NT2 microtrons
NT3 racetrack microtrons
NT2 nbi cyclotron
NT2 separated orbit cyclotrons
NT2 superconducting cyclotrons
NT3 milan superconducting cyclotron
NT3 texas superconducting cyclotron
NT2 variable energy cyclotrons
NT3 calcutta cyclotron
NT3 chandigarh cyclotron
NT1 fair accelerator complex
NT2 accelerator complexes
NT3 elsa accelerator complex
NT1 nica collider
NT1 synchrocyclotrons
NT2 berkeley synchrocyclotron
NT2 cern synchrocyclotron
NT2 harvard synchrocyclotron
NT2 harwell synchrocyclotron
NT2 iko synchrocyclotron
NT2 jinr phasotron
NT2 leningrad synchrocyclotron
NT2 mcgill synchrocyclotron
NT2 orsay synchrocyclotron
NT2 uppsala synchrocyclotron
NT1 synchrotrons
NT2 bevatron
NT2 bonn synchrotron
NT2 brookhaven ags
NT2 cambridge electron accelerator
NT2 cern lhc
NT2 cern ps synchrotron
NT2 cern sps synchrotron
NT2 cornell 10-gev synchrotron
NT2 cosmotron
NT2 cosy storage ring

NT2 desy
NT2 erewan synchrotron
NT2 escar storage ring
NT2 fermilab accelerator
NT2 fermilab tevatron
NT2 fian synchrotron
NT2 frascati synchrotron
NT2 himac accelerator
NT2 itep synchrotron
NT2 j-parc synchrotrons
NT2 jefferson lab meic
NT2 jinr nuclotron
NT2 kek synchrotron
NT2 lampf ii synchrotron
NT2 lep storage rings
NT2 lusy
NT2 mura synchrotron
NT2 nimrod
NT2 nina
NT2 pakhra synchrotron
NT2 princeton synchrotron
NT2 saturne
NT2 saturne ii
NT2 serpukhov synchrotron
NT2 serpukhov tevatron
NT2 sesame storage ring
NT2 sis synchrotron
NT2 superconducting super collider
NT2 tokyo synchrotron
NT2 tomsk synchrotron
NT2 zgs
RT cavity resonators
RT rf systems
RT superconducting cavity resonators
RT waveguides

cyclic adenosine monophosphate

USE amp

cyclic amides

USE lactams

cyclic esters

USE lactones

cyclic steam injection process

INIS: 2000-04-12; ETDE: 1976-06-07
USE fluid injection processes

CYCLIZATION

INIS: 1985-06-10; ETDE: 1983-04-28
BT1 chemical reactions
NT1 diels-alder reaction

CYCLOALKANES

(From February 1975 till February 1997
ADAMANTANE was a valid ETDE
descriptor.)

UF adamantane
UF condensed cycloalkanes
***BT1** alkanes
NT1 cyclohexane
NT1 decalin

CYCLOALKENES

1997-06-17
UF camphene
***BT1** alkenes
NT1 cyclopentadiene
NT1 norbornadiene
NT1 quadricyclene

CYCLOALKYNES

INIS: 2000-04-12; ETDE: 1984-10-24
***BT1** alkynes

cycloheptatrienones

USE tropones

CYCLOHEXANE

***BT1** cycloalkanes
RT hexane

CYCLOHEXANOL

1981-12-23

*BT1 alcohols

CYCLOHEXANONE

*BT1 ketones

CYCLOHEXIMIDE

*BT1 antibiotics

*BT1 fungicides

cyclohexylenedinitrilotetraacetic acid

1995-02-16

USE cdta

CYCLONE COMBUSTORS

INIS: 2000-04-12; ETDE: 1979-09-26

BT1 combustors

CYCLONE CYCLOTRON

INIS: 1984-01-18; ETDE: 1983-03-24

Universite Catholique de Louvain Cyclotron.

UF louvain isochronous cyclotron

UF universite catholique louvain cyclotron

*BT1 heavy ion accelerators

*BT1 isochronous cyclotrons

CYCLONE SEPARATORS

UF hydrocyclones

BT1 concentrators

*BT1 inertial separators

RT scrubbers

RT separation processes

CYCLONES

2013-12-13

NOT for HURRICANES.

UF low-pressure areas

RT atmospheric pressure

RT hurricanes

RT meteorology

RT storms

RT troposphere

CYCLOPENTADIENE

*BT1 cycloalkenes

*BT1 dienes

cyclopentanediaminetetraacetic acid

1996-07-18

(Prior to March 1997 CPDTA was used for this concept in ETDE.)

USE amino acids

USE chelating agents

cyclophosphamide

USE endoxan

CYCLOSPORINE

INIS: 1992-07-16; ETDE: 1992-08-24

UF cyclosporine-a

*BT1 immunosuppressive drugs

*BT1 peptides

RT immunosuppression

cyclosporine-a

INIS: 1992-07-16; ETDE: 1992-08-24

USE cyclosporine

CYCLOTRON CENTER OF THE SLOVAK REPUBLIC

2002-12-17

UF slovak cyclotron center

*BT1 slovak organizations

CYCLOTRON FREQUENCY

UF frequency (cyclotron)

RT cyclotron harmonics

RT cyclotron instability

RT cyclotron radiation

RT gyrofrequency

CYCLOTRON HARMONICS

*BT1 harmonics

RT bernstein mode

RT cyclotron frequency

CYCLOTRON INSTABILITY

*BT1 plasma microinstabilities

RT cyclotron frequency

CYCLOTRON RADIATION

*BT1 bremsstrahlung

RT cyclotron frequency

RT cyclotron resonance

RT icr heating

RT synchrotron radiation

CYCLOTRON RESONANCE

BT1 resonance

NT1 azbel-kaner resonance

NT1 electron cyclotron-resonance

NT1 ion cyclotron-resonance

RT cyclotron radiation

RT ion cyclotron resonance spectroscopy

CYCLOTRONS

*BT1 cyclic accelerators

NT1 cracow u-120 cyclotron

NT1 isochronous cyclotrons

NT2 aabo cyclotron

NT2 alice cyclotron

NT2 brookhaven cyclotron

NT2 cracow aic-144 cyclotron

NT2 crnl superconducting cyclotron

NT2 cyclone cyclotron

NT2 debrecen cyclotron

NT2 eindhoven cyclotron

NT2 ganil cyclotron

NT2 grenoble cyclotron

NT2 haizy cyclotron

NT2 hirfl cyclotron

NT2 inr cyclotron

NT2 ipcr cyclotron

NT2 iu cyclotron

NT2 jinr cyclotrons

NT3 jinr dc-110 cyclotron

NT3 jinr u-400 cyclotron

NT3 jinr u-400m cyclotron

NT2 julic cyclotron

NT2 karlsruhe cyclotron

NT2 kazakhstan cyclotron

NT2 kiev cyclotron

NT2 kvi cyclotron

NT2 milan superconducting cyclotron

NT2 msu cyclotrons

NT2 munich compact cyclotron

NT2 munich suse cyclotron

NT2 nac cyclotron

NT2 nirs cyclotron

NT2 nrl cyclotron

NT2 orn1 isochronous cyclotron

NT2 orsay cyclotron

NT2 oslo cyclotron

NT2 princeton cyclotron

NT2 rcnp cyclotron

NT2 sara cyclotron

NT2 sin cyclotron

NT2 texas a and m cyclotron

NT2 texas superconducting cyclotron

NT2 tohoku cyclotron

NT2 tokyo ins cyclotron

NT2 triumf cyclotron

NT2 uclrl cyclotrons

NT3 lbl 88-inch cyclotron

NT2 warsaw cyclotron

NT1 microtrons

NT2 racetrack microtrons

NT1 nbi cyclotron

NT1 separated orbit cyclotrons

NT1 superconducting cyclotrons

NT2 milan superconducting cyclotron

NT2 texas superconducting cyclotron

NT1 variable energy cyclotrons

NT2 calcutta cyclotron

NT2 chandigarh cyclotron

RT dees

RT synchrocyclotrons

CYLINDERS

Objects of cylindrical shape. For containers see headings such as GAS CYLINDERS.

RT cylindrical configuration

RT pipes

RT rods

RT shape

RT tubes

cylindrical aberrations

INIS: 2000-04-12; ETDE: 1979-07-24

USE geometrical aberrations

CYLINDRICAL CONFIGURATION

BT1 configuration

RT cylinders

cylindrical parabolic collectors

INIS: 1992-03-11; ETDE: 1978-10-25

USE parabolic trough collectors

CYMENE

UF isopropyltoluene-para

*BT1 alkylated aromatics

RT thymol

CYPRUS

BT1 islands

BT1 middle east

RT mediterranean sea

cyric cyclotron

INIS: 1983-06-30; ETDE: 1983-03-24

At CyCyclotron and RadioIsotope Center, Tohoku University, Sendai, Japan.

USE tohoku cyclotron

cyrtolite

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE silicate minerals

USE uranium minerals

cystamin

INIS: 1984-05-24; ETDE: 2002-06-13

USE urotropin

CYSTAMINE

UF 2,2-dithiobisethylamine

*BT1 amines

*BT1 organic sulfur compounds

*BT1 radioprotective substances

RT cysteamine

CYSTAPHOS

1975-11-07

UF sodium aminoethylthiophosphate

*BT1 amines

*BT1 organic phosphorus compounds

*BT1 radioprotective substances

*BT1 thiophosphoric acid esters

RT thioic acids

CYSTEAMINE

ETDE: 2005-02-02

(Prior to January 2005 MEA was used for this concept.)

UF aminoethanethiol

UF mea (mercaptopethylamine)

UF mercamine

UF mercaptoethylamine

*BT1 amines

*BT1 radioprotective substances

*BT1 thiols

RT cystamine

CYSTEINE

UF mercaptoalanine-beta
 *BT1 amino acids
 *BT1 thiols
RT cystine
RT homocysteine

CYSTINE

1996-07-18
 *BT1 amino acids
 *BT1 disulfides
RT cysteine

CYSTS

INIS: 1988-11-16; *ETDE*: 1988-12-02
 BT1 pathological changes

CYTIDINE

*BT1 nucleosides
 *BT1 pyrimidines
RT cytidylic acid
RT cytosine
RT deoxycytidine

CYTIDYLIC ACID

1996-07-18
 *BT1 nucleotides
RT cytidine
RT cytosine

CYTOCHEMISTRY

1999-03-26
 *BT1 biochemistry
RT cytology
RT feulgen method

CYTOCHROME OXIDASE

*BT1 oxidases
RT cytochromes
RT mixed-function oxidases

CYTOCHROMES

1997-06-17
Electron transporting proteins that contain a heme prosthetic group.
 BT1 pigments
 *BT1 proteins
RT chlorins
RT coenzymes
RT cytochrome oxidase
RT mixed-function oxidases
RT photosynthetic reaction centers
RT redox process

cytokines

INIS: 2000-04-12; *ETDE*: 1995-07-21
 USE lymphokines

CYTOLOGICAL TECHNIQUES

INIS: 1975-10-29; *ETDE*: 1975-12-16
 NT1 banding techniques
 NT1 chromosome sorting
RT cell constituents
RT cell flow systems
RT cytology
RT electron microscopy

CYTOLOGY

BT1 biology
RT animal cells
RT cell constituents
RT cell flow systems
RT cytochemistry
RT cytological techniques
RT genetics
RT plant cells
RT ultrastructural changes

CYTOPLASM

BT1 cell constituents
RT liposomes
RT mitochondria

RT plasmids

CYTOSINE

*BT1 amines
 *BT1 organic oxygen compounds
 *BT1 pyrimidines
RT cytidine
RT cytidylic acid

cytostatics

USE antimitotic drugs

cytotoxins

INIS: 2000-04-12; *ETDE*: 1981-04-20
 USE antimitotic drugs

cytriphos

2000-04-12
 (Prior to April 1994, this was a valid ETDE descriptor.)
 USE amines
 USE nucleotides
 USE radioprotective substances

czd process

INIS: 2000-04-12; *ETDE*: 1989-05-31
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE desulfurization

CZECH ORGANIZATIONS

INIS: 1998-01-29; *ETDE*: 1994-02-24
 (Prior to February 1994, this concept in ETDE was indexed by CZECHOSLOVAK ORGANIZATIONS.)
SF czechoslovak organizations
 BT1 national organizations
 NT1 subj
 NT1 ujb
 NT1 uvvvr

CZECH REPUBLIC

INIS: 1993-01-14; *ETDE*: 1993-04-08
 (Prior to March 1994, this concept in ETDE was indexed to CZECHOSLOVAKIA.)
SF czechoslovakia
 BT1 developing countries
 *BT1 eastern europe
RT oecd
RT vltava river

czech wwr-c reactor

2000-04-12
 USE wwr-s-prague reactor

czech wwr-s reactor

INIS: 1998-09-23; *ETDE*: 2002-03-27
 USE lvr-15 reactor

czechoslovak lr-0 reactor

INIS: 1998-07-07; *ETDE*: 1995-01-03
 USE lr-0 reactor

czechoslovak organizations

1994-02-28
 (Prior to February 1994, this was a valid ETDE descriptor.)
 SEE czech organizations
 SEE slovak organizations

czechoslovak tr-0 reactor

USE tr-0 reactor

czechoslovakia

1994-08-22
 (Until August 1994 this was a valid descriptor.)
 SEE czech republic
 SEE slovakia

CZOCHEKRSKI METHOD

BT1 crystal growth methods

RT crystal growth

czr

2017-02-02
 USE cdznte semiconductor detectors

d-1285 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE f1-1285 mesons

d-1865 resonances

INIS: 1985-01-17; *ETDE*: 1977-06-03
 (Prior to January 1985 this was a valid ETDE descriptor.)
 USE d mesons

d-2007 resonances

INIS: 1987-12-21; *ETDE*: 1978-04-06
 (Prior to December 1987 this was a valid descriptor.)
 USE d*-2010 mesons

D ANTIQUARKS

2007-06-26
 *BT1 antiquarks
 *BT1 d quarks

D-BRANES

2007-08-13
Special class of branes with specified Dirichlet boundary conditions.
 BT1 branes

D CODES

BT1 computer codes

D-D REACTORS

INIS: 1983-10-14; *ETDE*: 1983-11-09
 BT1 thermonuclear reactors

D-HE REACTORS

1995-02-15
 BT1 thermonuclear reactors

D MESONS

INIS: 1985-01-17; *ETDE*: 1985-02-07
 (Prior to January 1985 D-1865 RESONANCES was used for this concept in ETDE.)
UF d-1865 resonances
 *BT1 charmed mesons
 *BT1 pseudoscalar mesons
 NT1 d minus mesons
 NT1 d neutral mesons
 NT2 anti-d neutral mesons
 NT1 d plus mesons

D MINUS MESONS

INIS: 1987-12-21; *ETDE*: 1988-02-19
 *BT1 d mesons

D NEUTRAL MESONS

INIS: 1987-12-21; *ETDE*: 1988-08-01
 (Prior to December 1987 this concept was indexed by D ZERO RESONANCES.)
UF d zero resonances
 *BT1 d mesons
 NT1 anti-d neutral mesons

D PLUS MESONS

INIS: 1987-12-21; *ETDE*: 1988-02-19
 (Prior to December 1987 this concept was indexed by D PLUS RESONANCES.)
UF d plus resonances
 *BT1 d mesons

d plus resonances

INIS: 1987-12-21; *ETDE*: 1978-12-20
 (Prior to December 1987 this was a valid descriptor.)
 USE d plus mesons

D QUARKS

INIS: 1995-09-08; ETDE: 1995-10-03

*BT1 quarks

NT1 d antiquarks

RT quarkonium

D REGION

*BT1 ionosphere

d resonances

INIS: 1988-03-08; ETDE: 1977-07-23

(Prior to December 1987 this was a valid descriptor.)

USE charmed mesons

D S-2536 MESONS

1995-07-17

*BT1 axial vector mesons

*BT1 charmed mesons

*BT1 strange mesons

D S MESONS

INIS: 1995-08-07; ETDE: 1988-02-02

(Prior to December 1987 this concept was indexed by F MESONS.)

UF d strange mesons

UF f-2030 resonances

UF f mesons

*BT1 charmed mesons

*BT1 pseudoscalar mesons

*BT1 strange mesons

D STATES

BT1 energy levels

d strange mesons

INIS: 1987-12-21; ETDE: 2002-06-13

USE d s mesons

D-T OPERATION

INIS: 1996-03-04; ETDE: 1996-02-26

RT d-t reactors

RT deuterium ions

RT thermonuclear devices

RT thermonuclear fuels

RT tritium ions

D-T REACTORS

1996-03-04

BT1 thermonuclear reactors

NT1 pulsed d-t reactors

NT2 reference theta pinch reactor

NT1 steady-state d-t reactors

RT d-t operation

D WAVES

BT1 partial waves

RT angular momentum

RT quantum mechanics

d zero resonances

INIS: 1987-12-21; ETDE: 1978-12-20

(Prior to December 1987 this was a valid descriptor.)

USE d neutral mesons

D*-2010 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02

(Prior to December 1987 this concept was indexed by D-2007RESONANCES.)

UF d-2007 resonances

*BT1 charmed mesons

*BT1 vector mesons

d*-2420 mesons

INIS: 1995-08-07; ETDE: 1988-02-02

(Until July 1995 this was a valid term.)

USE d1-2420 mesons

d* plus resonances

INIS: 1988-03-08; ETDE: 1978-12-20

(Prior to December 1987 this was a valid descriptor.)

USE baryons

d* zero resonances

INIS: 1988-03-08; ETDE: 1978-12-20

(Prior to December 1987 this was a valid descriptor.)

USE baryons

D*2-2460 MESONS

1995-07-17

*BT1 charmed mesons

*BT1 tensor mesons

d*effect

2000-04-12

SEE baryons

d*phenomenon

2000-04-12

SEE baryons

d*resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE baryons

D*S-2110 MESONS

INIS: 1995-08-07; ETDE: 1988-02-02

(Prior to December 1987 this concept was indexed by F* RESONANCES.)

UF f*resonances

*BT1 charmed mesons

*BT1 strange mesons

D1-2420 MESONS

1995-08-07

(Until July 1995 this concept was indexed by D*-2420 MESONS.)

UF d*-2420 mesons

*BT1 axial vector mesons

*BT1 charmed mesons

DACRON

UF terylene

*BT1 polyethylene terephthalate

RT fibers

RT glycols

RT terephthalic acid

RT textiles

DACUS

*BT1 fruit flies

NT1 dacus oleae

DACUS OLEAE

*BT1 dacus

RT olives

dahomey

INIS: 2000-04-12; ETDE: 1979-12-10

(Prior to September 1994, this was a valid ETDE descriptor.)

USE benin

DAILY VARIATIONS

Includes day-to-day, diurnal, and semidiurnal variations.

UF circadian variations

UF diel variations

UF diurnal variation

UF semidiurnal variation

BT1 variations

RT nocturnal variations

RT photoperiod

DAIRY INDUSTRY

INIS: 1993-01-28; ETDE: 1980-01-15

*BT1 food industry

dalat triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE triga-2-dalat reactor

DALHART BASIN

INIS: 1992-06-05; ETDE: 1984-02-10

BT1 permian basin

RT radioactive waste disposal

RT texas

dalhousie university slowpoke reactor

INIS: 1993-11-05; ETDE: 1980-01-24

USE slowpoke-dalhousie reactor

DALITZ PLOT

Phase-space plot of momentum or mass distribution of final-state particles.

*BT1 scatterplots

RT linear momentum

RT mass

RT phase space

RT resonance particles

dam

INIS: 1984-04-04; ETDE: 1984-05-10

Diantiprylmethane.

USE pyrazolines

DAMAGE

2000-04-12

Not to be used in reference to living organisms. Use more specific descriptor, if possible.

RT failures

RT fatigue

RT hazards

RT impact shock

RT nuclear damage

RT radiation effects

RT safety

damage, vienna convention on liability

INIS: 1993-11-05; ETDE: 2002-06-13

USE vcoclnd

damage (nuclear)

INIS: 1976-12-08; ETDE: 2002-06-13

USE nuclear damage

damage (radiation, biological)

INIS: 1976-12-08; ETDE: 2002-06-13

USE radiation injuries

damage (radiation, chemical)

INIS: 1976-12-08; ETDE: 2002-06-13

USE radiolysis

damage (radiation, physical)

INIS: 1976-12-08; ETDE: 2002-06-13

USE physical radiation effects

damage factor

INIS: 2000-04-12; ETDE: 1983-02-09

USE formation damage

damage ratio

INIS: 2000-04-12; ETDE: 1983-01-21

USE formation damage

damage zone

INIS: 2000-04-12; ETDE: 1983-01-21

USE formation damage

DAMAGING NEUTRON FLUENCE

INIS: 1976-05-07; ETDE: 1978-03-08

BT1 neutron fluence

NT1 equivalent fission fluence

RT interstitial helium generation
RT interstitial hydrogen generation
RT irradiation
RT neutron flux
RT neutronic damage functions
RT physical radiation effects
RT radiation hardness

DAMPA

UF diisoamyl methylphosphonate
UF diisopentyl methylphosphonate
 *BT1 phosphonic acid esters

dampers (gas flow)

INIS: 2000-04-12; ETDE: 1979-01-30
 (Prior to February 1997 DRAFT CONTROL SYSTEMS was used for this concept in ETDE.)
USE flow regulators
USE gas flow

DAMPIERRE-1 REACTOR

INIS: 1991-03-22; ETDE: 1991-04-09
Electricite de France, Dampierre-en-Burly, Loiret, France
 *BT1 pwr type reactors

DAMPIERRE-2 REACTOR

1996-09-20
Electricite de France, Dampierre-en-Burly, Loiret, France
 *BT1 pwr type reactors

DAMPIERRE-3 REACTOR

2003-07-24
Electricite de France, Dampierre-en-Burly, Loiret, France
 *BT1 pwr type reactors

DAMPIERRE-4 REACTOR

2003-07-24
Electricite de France, Dampierre-en-Burly, Loiret, France
 *BT1 pwr type reactors

DAMPING

NT1 landau damping
RT attenuation
RT energy losses
RT hydrodynamic mass effect
RT hysteresis
RT internal friction
RT mechanical vibrations
RT restraints
RT shock absorbers

DAMS

UF breakwaters
RT embankments
RT fish passage facilities
RT flood control
RT hydroelectric power plants
RT spillways
RT water reservoirs

DANCOFF CORRECTION

RT resonance escape probability

DANGER COEFFICIENT

BT1 reactivity coefficients

DANISH ATOMIC ENERGY COMMISSION

ETDE: 1975-09-11
 *BT1 danish organizations

DANISH ORGANIZATIONS

ETDE: 1975-08-19
BT1 national organizations
NT1 danish atomic energy commission
NT1 risoe national laboratory
NT2 risoe research establishment

danish reactor-1

USE dr-1 reactor

danish reactor-2

USE dr-2 reactor

danish reactor-3

USE dr-3 reactor

danny boy event

1994-10-14
A test made during OPERATION NOUGAT.
 (Prior to September 1994, this was a valid ETDE descriptor.)
USE cratering explosions
USE nuclear explosions

DANTE TOKAMAK

INIS: 1984-08-24; ETDE: 1984-10-24
DANish Tokamak Experiment.
 *BT1 tokamak devices

DANUBE RIVER

*BT1 rivers
RT austria
RT black sea
RT bulgaria
RT federal republic of germany
RT hungary
RT romania
RT serbia
RT slovakia
RT ukraine

DAPEX PROCESS

*BT1 reprocessing
RT solvent extraction

DAPHNIA

*BT1 branchiopods
RT plankton
RT zooplankton

DARCY LAW

RT fluid flow

daresbury synchrotron

USE nina

darex process

2000-04-12
 (Prior to March 1997 this was a valid ETDE descriptor.)
USE reprocessing

DARK CURRENT

2017-03-28
Relatively small electric current that flows through photosensitive devices when no photons are entering the device.
 *BT1 leakage current
RT charge-coupled devices
RT photodetectors
RT photodiodes
RT phototransistors
RT phototubes

dark matter

INIS: 1985-01-17; ETDE: 1985-03-12
In outer space.
USE nonluminous matter

dark repair

USE dna repair

DARLINGTON-1 REACTOR

INIS: 1976-11-08; ETDE: 1976-12-16
Darlington, Ontario, Canada.
 *BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors
RT darlington site

DARLINGTON-2 REACTOR

INIS: 1976-11-08; ETDE: 1976-12-16
Darlington, Ontario, Canada.
 *BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors
RT darlington site

DARLINGTON-3 REACTOR

INIS: 1976-11-08; ETDE: 1976-12-16
Darlington, Ontario, Canada.
 *BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors
RT darlington site

DARLINGTON-4 REACTOR

INIS: 1976-11-08; ETDE: 1977-05-07
Darlington, Ontario, Canada.
 *BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors
RT darlington site

DARLINGTON SITE

INIS: 1993-01-14; ETDE: 1993-05-06
Darlington, Ontario, Canada.
BT1 reactor sites
RT darlington-1 reactor
RT darlington-2 reactor
RT darlington-3 reactor
RT darlington-4 reactor

darmstadt storage ring

INIS: 1992-02-22; ETDE: 1992-03-09
USE esr storage ring

darmstadt synchrotron

1991-02-11
USE sis synchrotron

DARMSTADTIUM

2004-03-19
 (Prior to March 2004 ELEMENT 110 was used for this element.)
UF *eka-platinum*
UF *element 110*
UF *ununnilium*
 *BT1 transactinide elements

DARMSTADTIUM 267

2007-08-29
 *BT1 alpha decay radioisotopes
 *BT1 darmstadtium isotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 microseconds living radioisotopes

DARMSTADTIUM 269

2004-03-19
 (Prior to March 2004 ELEMENT 110 269 was used for this concept.)
UF *element 110 269*
 *BT1 alpha decay radioisotopes
 *BT1 darmstadtium isotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 microseconds living radioisotopes

DARMSTADTIUM 270

2004-03-19
 (Prior to March 2004 ELEMENT 110 270 was used for this concept.)
UF *element 110 270*
 *BT1 alpha decay radioisotopes
 *BT1 darmstadtium isotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes

DARMSTADTIUM 271

2004-11-30

- *BT1 alpha decay radioisotopes
- *BT1 darmstadtium isotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes

DARMSTADTIUM 272

2007-08-29

- *BT1 darmstadtium isotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 spontaneous fission radioisotopes

DARMSTADTIUM 273

2007-08-29

- *BT1 alpha decay radioisotopes
- *BT1 darmstadtium isotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 milliseconds living radioisotopes

DARMSTADTIUM 279

2007-08-29

- *BT1 alpha decay radioisotopes
- *BT1 darmstadtium isotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

DARMSTADTIUM 281

2007-08-29

- *BT1 darmstadtium isotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 spontaneous fission radioisotopes

DARMSTADTIUM COMPOUNDS

2004-03-19

(Prior to March 2004 ELEMENT 110
COUMPOUNDS was used for this concept.)

- UF *element 110 compounds*
- *BT1 transactinide compounds

DARMSTADTIUM IONS

2018-01-24

- *BT1 ions

DARMSTADTIUM ISOTOPES

2004-03-19

(Prior to March 2004 ELEMENT 110
ISOTOPES was used for this concept.)

- UF *element 110 isotopes*
- BT1 isotopes
- NT1 darmstadtium 267
- NT1 darmstadtium 269
- NT1 darmstadtium 270
- NT1 darmstadtium 271
- NT1 darmstadtium 272
- NT1 darmstadtium 273
- NT1 darmstadtium 279
- NT1 darmstadtium 281

DARRIEUS ROTORS

INIS: 2000-04-12; ETDE: 1976-02-19

- BT1 rotors
- RT vertical axis turbines

DATA

For data flagging always use a more specific term.

- UF *measured values*
- SF *recorded information*
- SF *tables*
- SF *values*
- BT1 information
- NT1 data compilation
- NT1 numerical data

- NT2 compiled data
- NT2 evaluated data
- NT2 experimental data
- NT2 financial data
- NT2 statistical data
- NT2 theoretical data
- RT cinda
- RT comparative evaluations
- RT data base management
- RT data covariances
- RT data processing
- RT information needs
- RT redundancy

DATA ACQUISITION

- UF *acquisition (data)*
- SF *gidep*
- SF *government industry data exchange program (gidep)*
- *BT1 data processing
- RT compiled data
- RT data compilation
- RT recording systems
- RT reporting requirements

DATA ACQUISITION SYSTEMS

Systems for converting data to machine readable form and gathering it into a computer store.

- RT camac system
- RT electronic equipment
- RT fastbus system
- RT identification systems
- RT nuclear instrument modules
- RT readout systems
- RT recording systems

DATA ANALYSIS

INIS: 1991-10-08; ETDE: 1975-12-16

- *BT1 data processing
- NT1 cluster analysis
- NT1 data visualization
- RT computer calculations
- RT ground truth measurements
- RT prony method

DATA BASE MANAGEMENT

INIS: 1986-07-09; ETDE: 1978-07-05

- BT1 management
- RT data
- RT data compilation
- RT data processing
- RT data tagging
- RT geographic information systems
- RT information
- RT information retrieval
- RT information systems
- RT nuclear data collections

DATA COMPILATION

1985-12-10

The process of compiling large volumes of data. For data flagging use COMPILED DATA.

- *BT1 data
- *BT1 data processing
- RT compiled data
- RT data acquisition
- RT data base management
- RT documentation
- RT fukushima accident data
- RT information centers
- RT information systems
- RT libraries
- RT nuclear data collections

data compilation (evaluated)

INIS: 1978-10-20; ETDE: 2002-06-13

- USE evaluated data

DATA COVARIANCES

INIS: 1985-12-10; ETDE: 1979-02-27

Relates to statistical uncertainties in measured quantities.

- UF *uncertainty in data values*
- RT accuracy
- RT data
- RT errors
- RT statistics

data display devices

- USE display devices

data display systems

- USE display devices

DATA-FLOW PROCESSING

INIS: 1992-08-18; ETDE: 1984-02-10

- BT1 programming
- RT algorithms
- RT computers

data forms

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to February 1997 this was a valid ETDE descriptor.)

- USE document types

DATA PROCESSING

2000-02-01

Manipulation of unit facts.

- UF *chernoff faces*
- UF *electronic data processing*
- UF *handling (data)*
- UF *processing (data)*
- SF *card punches*
- BT1 processing
- NT1 data acquisition
- NT1 data analysis
- NT2 cluster analysis
- NT2 data visualization
- NT1 data compilation
- NT1 distributed data processing
- NT1 memory management
- NT1 spectra unfolding
- NT1 task scheduling
- RT array processors
- RT calculators
- RT computerized simulation
- RT computers
- RT data
- RT data base management
- RT data transmission
- RT data transmission systems
- RT digital filters
- RT digital frequency analysis
- RT digitizers
- RT expert systems
- RT frequency analysis
- RT image processing
- RT image scanners
- RT information theory
- RT multi-parameter analysis
- RT pattern recognition
- RT personal computers
- RT prony method
- RT recording systems
- RT verification

data processors

INIS: 1984-04-04; ETDE: 1984-05-10

- USE digital computers

data storage devices

- USE memory devices

DATA TAGGING

INIS: 1999-05-13; ETDE: 1980-05-23

- UF *numerical data tagging*
- RT data base management
- RT information retrieval

RT information systems

DATA TRANSMISSION

(From July 1984 till April 1997
CRYPTOGRAPHY was a valid ETDE
descriptor.)

UF *transmission (data)*
BT1 communications
NT1 telemetry
RT camac system
RT computer networks
RT cryptography
RT data processing
RT data transmission systems
RT equipment interfaces
RT multiplexers
RT nuclear instrument modules
RT quantum teleportation
RT signal conditioning
RT signal distortion
RT signals
RT telephones

DATA TRANSMISSION SYSTEMS

INIS: 1985-03-19; ETDE: 1982-02-23
RT communications
RT data processing
RT data transmission

data validation

INIS: 2000-04-12; ETDE: 1979-12-17
USE verification

DATA VISUALIZATION

2015-03-13
UF *visualization (data)*
*BT1 data analysis
RT computer calculations
RT computer graphics
RT computerized simulation
RT computerized tomography
RT flow visualization
RT numerical data

DATASETS

2012-05-23
BT1 document types
NT1 fukushima accident data

DATES

*BT1 fruits

dating

ETDE: 1975-09-11
USE age estimation

datum pressure

INIS: 1986-07-09; ETDE: 1978-09-11
USE reservoir pressure

DAUGHTER PRODUCTS

UF *decay products*
BT1 isotopes
RT natural radioactivity
RT radioisotope generators

davidite

1997-01-28
(Until October 1996 this was a valid
descriptor.)
USE oxide minerals
USE uranium minerals

DAVIS BESSE-1 REACTOR

1975-10-29
*FirstEnergy Nuclear Operating Co., Oak
Harbor, Ohio, USA.*
UF *davis besse reactor*
UF *oak harbor ohio reactor*
*BT1 pwr type reactors

DAVIS BESSE-2 REACTOR

1977-10-17
Toledo Edison Co., Oak Harbor, Ohio, USA.
Canceled in 1980 before construction began.
*BT1 pwr type reactors

DAVIS BESSE-3 REACTOR

1977-10-17
Toledo Edison Co., Oak Harbor, Ohio, USA.
Canceled in 1980 before construction began.
*BT1 pwr type reactors

davis besse reactor

INIS: 1990-12-06; ETDE: 1976-02-19
(Prior to December 1990, this was a valid
descriptor.)
USE davis besse-1 reactor

davy s-h process

INIS: 2000-04-12; ETDE: 1984-12-26
*A lime-based, formic-acid-buffered process
using in-loop forced oxidation for flue gas
desulfurization.*
(Prior to September 1994, this was a valid
ETDE descriptor.)
USE desulfurization

DAVYDOV-FILIPOV MODEL

UF *davydov model*
*BT1 nuclear models
RT collective model

davydov model

USE davydov-filipov model

DAWSONITE

2000-04-12
*A mineral consisting of a basic sodium
aluminum carbonate occurring in white
beaded crystals.*
*BT1 carbonate minerals
RT aluminium compounds
RT hydroxides
RT sodium carbonates

DAYA BAY-1 REACTOR

2003-01-22
Shenzhen, Guangdong, China.
(Prior to January 2003 DAYA BAY
REACTOR was used.)
UF *daya bay reactor*
*BT1 pwr type reactors

DAYA BAY-2 REACTOR

2003-01-22
Shenzhen, Guangdong, China.
*BT1 pwr type reactors

daya bay reactor

INIS: 1991-09-17; ETDE: 1991-11-22
Shenzhen, Guangdong, China.
(Prior to January 2003 this was a valid
descriptor.)
USE daya bay-1 reactor

dayglow

USE airglow

DAYLIGHTING

INIS: 2000-04-12; ETDE: 1981-01-09
UF *natural lighting*
RT illuminance
RT lighting requirements
RT lighting systems
RT skylights
RT solar radiation
RT windows

DAYS LIVING RADIOISOTOPES

*BT1 radioisotopes
NT1 actinium 225
NT1 actinium 226

NT1 americium 240
NT1 antimony 119
NT1 antimony 120
NT1 antimony 122
NT1 antimony 124
NT1 antimony 126
NT1 antimony 127
NT1 argon 37
NT1 arsenic 71
NT1 arsenic 72
NT1 arsenic 73
NT1 arsenic 74
NT1 arsenic 76
NT1 arsenic 77
NT1 barium 128
NT1 barium 131
NT1 barium 133
NT1 barium 135
NT1 barium 140
NT1 berkelium 245
NT1 berkelium 246
NT1 berkelium 249
NT1 beryllium 7
NT1 bismuth 205
NT1 bismuth 206
NT1 bismuth 210
NT1 bromine 77
NT1 bromine 82
NT1 cadmium 115
NT1 calcium 45
NT1 calcium 47
NT1 californium 246
NT1 californium 248
NT1 californium 253
NT1 californium 254
NT1 cerium 134
NT1 cerium 137
NT1 cerium 139
NT1 cerium 141
NT1 cerium 143
NT1 cerium 144
NT1 cesium 129
NT1 cesium 131
NT1 cesium 132
NT1 cesium 136
NT1 chromium 51
NT1 cobalt 56
NT1 cobalt 57
NT1 cobalt 58
NT1 copper 67
NT1 curium 240
NT1 curium 241
NT1 curium 242
NT1 dubnium 268
NT1 dysprosium 159
NT1 dysprosium 166
NT1 einsteinium 251
NT1 einsteinium 253
NT1 einsteinium 254
NT1 einsteinium 255
NT1 erbium 160
NT1 erbium 169
NT1 erbium 172
NT1 europium 145
NT1 europium 146
NT1 europium 147
NT1 europium 148
NT1 europium 149
NT1 europium 156
NT1 fermium 252
NT1 fermium 253
NT1 fermium 257
NT1 gadolinium 146
NT1 gadolinium 147
NT1 gadolinium 149
NT1 gadolinium 151
NT1 gadolinium 153
NT1 gallium 67
NT1 germanium 68

NT1 germanium 69
NT1 germanium 71
NT1 gold 194
NT1 gold 195
NT1 gold 196
NT1 gold 198
NT1 gold 199
NT1 hafnium 175
NT1 hafnium 179
NT1 hafnium 181
NT1 holmium 166
NT1 indium 111
NT1 indium 114
NT1 iodine 124
NT1 iodine 125
NT1 iodine 126
NT1 iodine 131
NT1 iridium 188
NT1 iridium 189
NT1 iridium 190
NT1 iridium 192
NT1 iridium 193
NT1 iridium 194
NT1 iron 59
NT1 krypton 79
NT1 lanthanum 140
NT1 lead 203
NT1 lutetium 169
NT1 lutetium 170
NT1 lutetium 171
NT1 lutetium 172
NT1 lutetium 174
NT1 lutetium 177
NT1 manganese 52
NT1 manganese 54
NT1 mendelevium 258
NT1 mercury 195
NT1 mercury 197
NT1 mercury 203
NT1 molybdenum 99
NT1 neodymium 140
NT1 neodymium 147
NT1 neptunium 234
NT1 neptunium 238
NT1 neptunium 239
NT1 nickel 56
NT1 nickel 57
NT1 nickel 66
NT1 niobium 91
NT1 niobium 92
NT1 niobium 95
NT1 osmium 185
NT1 osmium 191
NT1 osmium 193
NT1 palladium 100
NT1 palladium 103
NT1 phosphorus 32
NT1 phosphorus 33
NT1 platinum 188
NT1 platinum 191
NT1 platinum 193
NT1 platinum 195
NT1 plutonium 237
NT1 plutonium 246
NT1 plutonium 247
NT1 polonium 206
NT1 polonium 210
NT1 praseodymium 143
NT1 promethium 143
NT1 promethium 148
NT1 promethium 149
NT1 promethium 151
NT1 protactinium 229
NT1 protactinium 230
NT1 protactinium 232
NT1 protactinium 233
NT1 radium 223
NT1 radium 224
NT1 radium 225

NT1 radon 222
NT1 rhenium 182
NT1 rhenium 183
NT1 rhenium 184
NT1 rhenium 186
NT1 rhenium 189
NT1 rhodium 101
NT1 rhodium 102
NT1 rhodium 105
NT1 rhodium 99
NT1 rubidium 83
NT1 rubidium 84
NT1 rubidium 86
NT1 ruthenium 103
NT1 ruthenium 97
NT1 samarium 145
NT1 samarium 153
NT1 scandium 44
NT1 scandium 46
NT1 scandium 47
NT1 scandium 48
NT1 selenium 72
NT1 selenium 75
NT1 silver 105
NT1 silver 106
NT1 silver 110
NT1 silver 111
NT1 strontium 82
NT1 strontium 83
NT1 strontium 85
NT1 strontium 89
NT1 sulfur 35
NT1 tantalum 177
NT1 tantalum 182
NT1 tantalum 183
NT1 technetium 95
NT1 technetium 96
NT1 technetium 97
NT1 tellurium 118
NT1 tellurium 119
NT1 tellurium 121
NT1 tellurium 123
NT1 tellurium 125
NT1 tellurium 127
NT1 tellurium 129
NT1 tellurium 131
NT1 tellurium 132
NT1 terbium 153
NT1 terbium 155
NT1 terbium 156
NT1 terbium 160
NT1 terbium 161
NT1 thallium 200
NT1 thallium 201
NT1 thallium 202
NT1 thorium 227
NT1 thorium 231
NT1 thorium 234
NT1 thulium 165
NT1 thulium 167
NT1 thulium 168
NT1 thulium 170
NT1 thulium 172
NT1 tin 113
NT1 tin 117
NT1 tin 119
NT1 tin 121
NT1 tin 123
NT1 tin 125
NT1 tungsten 178
NT1 tungsten 181
NT1 tungsten 185
NT1 tungsten 187
NT1 tungsten 188
NT1 uranium 230
NT1 uranium 231
NT1 uranium 237
NT1 vanadium 48
NT1 vanadium 49

NT1 xenon 127
NT1 xenon 129
NT1 xenon 131
NT1 xenon 133
NT1 ytterbium 166
NT1 ytterbium 169
NT1 ytterbium 175
NT1 yttrium 87
NT1 yttrium 88
NT1 yttrium 90
NT1 yttrium 91
NT1 zinc 65
NT1 zinc 72
NT1 zirconium 88
NT1 zirconium 89
NT1 zirconium 95
RT half-life
RT lifetime

DBP

UF dibutyl phosphate
 *BT1 butyl phosphates

DC AMPLIFIERS

*BT1 amplifiers

dc resins

1996-06-26

(Prior to June 1996 this was a valid ETDE descriptor.)

USE silicones

DC SYSTEMS

INIS: 1992-03-09; ETDE: 1976-05-17

Direct-current electric power systems.

*BT1 power systems
NT1 ehv dc systems
NT1 hvdc systems
NT1 uhv dc systems

dc to ac inverters

INIS: 1976-09-06; ETDE: 1975-08-19

USE inverters

DC TO DC CONVERTERS

INIS: 1983-06-02; ETDE: 1975-08-19

UF converters (electric)
 *BT1 electrical equipment
RT inverters
RT power conditioning circuits
RT power supplies
RT rectifiers
RT transformers

DCA REACTOR

JNC, Oarai, Ibaraki, Japan. Under decommissioning since 2002. Shut down since 2001.

*BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 tank type reactors
 *BT1 zero power reactors

DCI ORSAY STORAGE RING

BT1 storage rings

DCTA

Diaminocyclohexanetetraacetic acid.

UF diaminocyclohexanetetraacetic acid
 *BT1 amino acids
 BT1 chelating agents

dcx devices

1996-06-26

(Until June 1996 this was a valid descriptor.)

USE magnetic mirrors

ddg

INIS: 2000-04-12; ETDE: 1981-08-04

USE distillers dried grains

DDT

UF *dichlorodiphenyltrichloroethane*
*BT1 aromatics
*BT1 insecticides
*BT1 organic chlorine compounds
RT ethane

DE BROGLIE WAVELENGTH

1998-02-26
BT1 wavelengths
RT quantum mechanics

DE-EXCITATION

BT1 energy-level transitions
NT1 radiationless decay
RT excitation
RT relaxation

DE HAAS-VAN ALPHEN EFFECT

RT diamagnetism

DE SITTER GROUP

*BT1 lie groups
RT de sitter space

DE SITTER SPACE

2007-08-13
*BT1 mathematical space
RT de sitter group
RT lorentz groups
RT space-time
RT string theory
RT superstring theory

DEACTIVATION

1985-07-23
RT chemical activation

DEAD SEA

INIS: 1978-04-21; ETDE: 1977-01-28
*BT1 lakes

DEAD TIME

UF *live time*
BT1 timing properties
RT sensitivity
RT time measurement
RT timing circuits

DEAERATORS

INIS: 1984-04-04; ETDE: 1982-10-20
Devices that remove dissolved gases from liquids.
RT aeration
RT boilers
RT dissolved gases
RT feedwater
RT water treatment

dealers

INIS: 1992-04-03; ETDE: 1979-10-03
USE marketers

DEALKYLATION

BT1 chemical reactions

DEAMINATION

BT1 chemical reactions
RT amination

DEASHING

1992-07-07
RT ashes
RT cleaning
RT purification
RT removal

DEASPHALTING

INIS: 2000-04-12; ETDE: 1979-05-25
The process of removing asphalt from petroleum fractions.
*BT1 extraction

DEATH

RT cell killing
RT lethal irradiation
RT life span
RT mortality
RT supralethal irradiation

debts

INIS: 2000-04-12; ETDE: 1979-12-10
SEE financial data

DEBRECEN CYCLOTRON

INIS: 1985-05-15; ETDE: 1985-07-18
At ATOMKI, Debrecen, Hungary.
UF *atomki cyclotron*
*BT1 isochronous cyclotrons

debris (nuclear)

USE fission products

DEBT COLLECTION

INIS: 2000-04-12; ETDE: 1983-05-21
RT accounting
RT administrative procedures
RT audits
RT interest rate
RT procurement

debye cutoff

USE debye length

DEBYE LENGTH

1999-07-20
UF *debye cutoff*
UF *debye shield*
UF *debye shielding length*
*BT1 length
RT plasma density

DEBYE-SCHERRER METHOD

BT1 diffraction methods
RT powders
RT structural chemical analysis
RT x-ray diffraction

debye shield

USE debye length

debye shielding length

USE debye length

DEBYE TEMPERATURE

UF *temperature (debye)*
RT specific heat

DEBYE-WALLER FACTOR

RT diffraction
RT lattice vibrations

DEC COMPUTERS

INIS: 1980-09-12; ETDE: 1980-03-29
Computers manufactured by Digital Equipment Corporation.
UF *vax computers*
BT1 computers
NT1 pdp computers

DECA DEVICES

*BT1 magnetic mirrors

decahydronaphthalene

USE decalin

DECALIN

UF *decahydronaphthalene*
*BT1 cycloalkanes
RT naphthalene

decalso

USE ion exchange materials

DECANE

1984-04-04
*BT1 alkanes

DECANOIC ACID

UF *capric acid*
*BT1 monocarboxylic acids

DECANOLS

UF *decyl alcohols*
*BT1 alcohols

DECANTATION

BT1 separation processes
RT sedimentation

DECAPODS

INIS: 1993-07-14; ETDE: 1981-06-15
*BT1 crustaceans
NT1 crabs
NT1 lobsters
NT1 prawns
NT1 shrimp

DECARBONIZATION

RT carbonization
RT cleaning
RT decontamination

decarboxylase

1982-06-09
(Prior to June 1982 this was a valid term, and older material is so indexed.)
USE decarboxylases

DECARBOXYLASES

INIS: 1982-06-09; ETDE: 1980-11-12
UF *decarboxylase*
*BT1 carboxy-lyases

DECARBOXYLATION

BT1 chemical reactions
RT carboxylation
RT lyases

DECARBURIZATION

1976-06-23
BT1 chemical reactions
RT austenite
RT carbides
RT carbon
RT carburization
RT heat treatments
RT steels

DECAY

For nuclear or particle decay only. For chemical or biological decay, see DECOMPOSITION.

UF *degradation (nuclear)*
UF *disintegration (nuclear)*
UF *fragments (decay)*

NT1 nuclear decay
NT2 alpha decay
NT2 beta decay
NT3 beta-minus decay
NT4 double beta decay
NT5 neutrinoless double beta decay
NT3 beta-plus decay
NT3 electron capture decay
NT4 k capture
NT4 l capture
NT4 m capture
NT2 gamma decay
NT2 heavy ion emission decay
NT3 carbon 12 emission decay
NT3 carbon 14 emission decay
NT3 carbon 16 emission decay
NT3 magnesium 28 emission decay
NT3 magnesium 30 emission decay
NT3 neon 24 emission decay
NT3 oxygen 16 emission decay
NT3 silicon 32 emission decay
NT3 silicon 34 emission decay
NT2 internal conversion
NT3 k conversion

NT3 l conversion
NT3 m conversion
NT2 proton-emission decay
NT2 spontaneous fission
NT1 particle decay
NT2 electromagnetic particle decay
NT2 hadronic particle decay
NT2 radiative decay
NT2 weak particle decay
NT3 leptonic decay
NT3 semileptonic decay
NT3 weak hadronic decay
RT angular correlation
RT branching ratio
RT delayed alpha particles
RT delayed gamma radiation
RT delayed neutrons
RT delayed protons
RT energy-level transitions
RT forbidden transitions
RT ft value
RT half-life
RT interactions
RT internal pair production
RT isomeric transitions
RT lifetime
RT mixing ratio
RT particle kinematics
RT radioisotope generators
RT selection rules

decay (biological)

USE decomposition

DECAY AMPLITUDES

*BT1 transition amplitudes

decay heat

INIS: 1976-07-30; ETDE: 2002-06-13

SEE after-heat

decay heat removal

INIS: 2000-04-12; ETDE: 1976-03-11

USE after-heat removal

DECAY INSTABILITY

*BT1 plasma instability
RT plasma macroinstabilities
RT plasma microinstabilities
RT plasma waves

decay products

USE daughter products

deceleration

USE acceleration

dechanneling

USE channeling

DECHLORINATION

*BT1 dehalogenation
RT chlorination

DECIDUOUS TREES

1993-07-14

Trees that show seasonal shedding of leaves.

*BT1 trees

decimeter wave radiation (1-3 dm)

2000-03-31

USE ghz range 01-100

USE radiowave radiation

decimeter wave radiation (3-10dm)

2000-04-12

USE mhz range 100-1000

USE radiowave radiation

DECISION MAKING

INIS: 1996-05-06; ETDE: 1976-08-04
 For documents describing a formal process for reaching a decision, i.e., making a choice among alternatives, and its associated techniques, to establish policies or procedures.

(From September 1982 till March 1997 OPERATIONS RESEARCH was a valid ETDE descriptor.)

SF operations research
RT advisory committees
RT decision tree analysis
RT game theory
RT intervenors
RT planning
RT regional cooperation
RT time-series analysis

DECISION TREE ANALYSIS

1996-05-06

RT control
RT decision making
RT planning

decisions and orders

INIS: 2000-04-12; ETDE: 1979-12-10
 (Prior to March 1996 this was a valid ETDE descriptor.)

SEE administrative procedures

DECK EFFECT

Kinematic peak in the mass spectrum of resonance particles.

RT kinetics
RT resonance particles

DECLADDING

BT1 head end processes
NT1 chemical decladding
NT1 mechanical decladding
RT cladding
RT fuel cans
RT fuel elements
RT reprocessing

DECLASSIFICATION

INIS: 1998-07-06; ETDE: 1983-03-24

UF information declassification
RT classified information
RT public information

DECOMMISSIONING

1996-04-29

NT1 reactor decommissioning
RT cancellation
RT commissioning
RT remedial action
RT shutdown

DECOMMISSIONING LICENSES

2013-11-20

BT1 licenses

DECOMPOSITION

UF decay (biological)
UF degradation (chemical)
UF disintegration (biological)
UF disintegration (chemical)
BT1 chemical reactions
NT1 autolysis
NT2 autoradiolysis
NT1 biodegradation
NT1 carbonization
NT2 coking
NT2 electrocarbonization
NT1 depolymerization
NT1 destructive distillation
NT1 glycolysis
NT1 hemolysis
NT1 photolysis

NT2 biophotolysis

NT1 proteolysis
NT2 fibrinolysis
NT1 pyrolysis
NT2 calcination
NT2 cracking
NT3 catalytic cracking
NT3 hydrocracking
NT3 thermal cracking
NT2 flash hydropyrolysis process
NT1 radiolysis
NT2 autoradiolysis
NT1 retorting
NT2 in-situ retorting
NT1 solvolysis
NT2 acetolysis
NT2 ammonolysis
NT2 hydrolysis
NT3 acid hydrolysis
NT3 alkaline hydrolysis
NT3 autohydrolysis
NT3 enzymatic hydrolysis
NT3 saccharification
NT3 saponification
RT aerobic conditions
RT anaerobic conditions
RT catabolism
RT composting
RT dissociation
RT nucleic acid denaturation
RT strand breaks
RT thermal gravimetric analysis
RT weathering

DECONTAMINATION

UF decontamination factor
UF radiation decontamination
UF radioactive decontamination
BT1 cleaning
RT bioadsorbents
RT chelating agents
RT clays
RT coolant cleanup systems
RT decarbonization
RT detergents
RT detoxification
RT lavage
RT life support systems
RT natural attenuation
RT protective coatings
RT purification
RT radiation protection
RT remedial action
RT safety showers
RT scrubbing
RT surface cleaning
RT surface contamination
RT washout

decontamination factor

USE decontamination
 USE efficiency

DECOUPLING

RT coupling
RT ft value

decyl alcohols

USE decanols

decylamine-tris

USE tda

DEDTC

UF diethyldithiocarbamates
 *BT1 carbamates
BT1 chelating agents
 *BT1 organic sulfur compounds

DEEP INELASTIC HEAVY ION REACTIONS

INIS: 1978-08-14; ETDE: 1978-10-19

- UF deep inelastic transfer reactions
- UF strongly damped heavy ion reactions
- *BT1 heavy ion reactions
- RT compound-nucleus reactions
- RT heavy ion fusion reactions
- RT incomplete fusion reactions
- RT nuclear fragmentation
- RT precompound-nucleus emission
- RT quasi-fission

DEEP INELASTIC SCATTERING

INIS: 1975-09-16; ETDE: 1975-10-28

Lepton-nucleon inelastic scattering involving an exchange of a virtual photon.

- *BT1 inelastic scattering
- *BT1 lepton-nucleon interactions
- RT boson-exchange models
- RT emc effect
- RT resonance scattering
- RT virtual particles

deep inelastic transfer reactions

INIS: 1993-11-05; ETDE: 2002-06-13

- USE deep inelastic heavy ion reactions

DEEP LEVEL TRANSIENT SPECTROSCOPY

INIS: 1999-06-23; ETDE: 1983-04-28

Means of obtaining Fourier components of transient response of deep energy levels in semiconductors.

- UF dlts
- BT1 spectroscopy
- RT capacitance
- RT transients
- RT traps

DEEP RIVER

- *BT1 ontario

DEEP WATER OIL TERMINALS

1993-06-02

Oil terminals located in deep water for supertankers.

- BT1 terminal facilities
- RT moorings
- RT tanker ships
- RT transport

DEER

- UF caribou
- UF mule deer
- UF odocoileus
- UF reindeer
- *BT1 ruminants
- RT antlers

DEES

- BT1 electrodes
- RT cyclotrons
- RT mass spectrometers

DEFECTS

Not for the concept covered by CRYSTAL DEFECTS.

- UF flaws
- UF imperfections
- RT cracks
- RT fracture mechanics
- RT fractures
- RT porosity
- RT stress intensity factors
- RT voids

defense

INIS: 2000-04-12; ETDE: 1979-11-23

- USE national defense

defense atomic support agency trigamk-f

1993-11-05

- USE afri reactor

defense production act

INIS: 2000-04-12; ETDE: 1983-03-23

(Prior to February 1995, this was a valid ETDE descriptor.)

- SEE national defense

DEFEROXAMINE

- UF dfa
- *BT1 amines
- BT1 chelating agents

deficiency (nutritional)

- USE nutritional deficiency

DEFLOCCULATING AGENTS

2014-03-28

- BT1 additives
- RT agglomeration
- RT colloids
- RT flocculation
- RT suspensions

DEFORESTATION

INIS: 1991-10-10; ETDE: 1983-09-15

- RT biomass
- RT carbon cycle
- RT forestry
- RT forests
- RT redd
- RT revegetation

DEFORMATION

(From January 1975 till May 1996 Portevin-le Chatelier effect was a valid ETDE descriptor.)

- UF buckling (structural)
- UF portevin-le chatelier effect
- UF structural buckling
- NT1 bending
- NT1 bowing
- NT1 corrosion denting
- NT1 elongation
- NT1 nuclear deformation
- NT1 ratcheting
- NT1 swelling
- RT dilatancy
- RT dynamic loads
- RT elasticity
- RT fractures
- RT magnetostriction
- RT materials working
- RT mechanical properties
- RT plasticity
- RT rheology
- RT slip
- RT static loads
- RT strains
- RT torsion

DEFORMED NUCLEI

Nuclei which are deformed even in the ground state.

- UF nonaxial nuclei
- BT1 nuclei
- NT1 superdeformed nuclei
- RT aligned coupling scheme
- RT backbending
- RT cranking model
- RT governor model
- RT nuclear deformation
- RT nuclear models
- RT rotation-vibration model

DEFROSTING

INIS: 2000-04-12; ETDE: 1982-02-23

Removal of frost or ice from an object.

- RT freezing

- RT frost
- RT ice
- RT melting
- RT thawing

DEGASSING

- UF outgassing
- RT castings
- RT desorption
- RT fission product release

degradation (chemical)

- USE decomposition

degradation (energy)

- USE energy losses

degradation (nuclear)

- USE decay

degradation (radioinduced)

INIS: 1976-11-17; ETDE: 1975-09-11

- USE radiolysis

degradation (thermal)

INIS: 2000-04-12; ETDE: 1976-06-07

- USE thermal degradation

DEGREE DAYS

INIS: 1993-01-13; ETDE: 1975-09-30

- BT1 units
- RT air conditioning
- RT climates
- RT space heating
- RT temperature measurement

DEGREES OF FREEDOM

INIS: 1985-07-22; ETDE: 1986-10-07

- RT mechanics
- RT statistics
- RT thermodynamics
- RT variations

DEHALOGENATION

INIS: 1982-10-28; ETDE: 1982-11-30

- BT1 chemical reactions
- NT1 dechlorination
- NT1 deiodination

dehpa

- SEE hdehp
- SEE phosphonic acid esters

dehumidification

INIS: 2000-04-12; ETDE: 1978-12-11

(Prior to February 1997 this was a valid ETDE descriptor.)

- SEE dehydration
- SEE drying

DEHUMIDIFIERS

INIS: 1984-04-04; ETDE: 1977-06-21

- RT desiccants
- RT dryers
- RT electric appliances
- RT humidifiers

DEHYDRATION

(From December 1978 to February 1997 DEHUMIDIFICATION was a valid ETDE descriptor.)

- SF dehumidification
- RT desiccants
- RT drying
- RT evaporation
- RT water removal

dehydrators

INIS: 2000-04-12; ETDE: 1977-01-28

Vessels or process systems for removal of liquids from gases or solids by the use of heat, absorbents, or adsorbents.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE dryers

DEHYDRIDATION

INIS: 1999-07-12; ETDE: 1978-06-14

BT1 chemical reactions

RT hydridation

RT hydrogen

DEHYDROCYCLIZATION

INIS: 1985-06-10; ETDE: 1983-04-28

UF condensation (organic compounds)

BT1 chemical reactions

dehydroepiandrosterone

USE hydroxyandrosthenone

dehydrogenases

2000-04-12

(Prior to January 1981 this was a valid ETDE descriptor, and older material is so indexed.)

USE oxidoreductases

DEHYDROGENATION

BT1 chemical reactions

RT deuteration

RT hydrogenation

DEIODINATION

*BT1 dehalogenation

RT iodination

dekatrons

USE counting tubes

DELAWARE

*BT1 usa

RT delaware bay

RT delaware river

RT us east coast

DELAWARE BAY

INIS: 1992-01-09; ETDE: 1978-09-13

*BT1 atlantic ocean

*BT1 bays

RT delaware

DELAWARE RIVER

*BT1 rivers

RT delaware

RT new jersey

RT new york

RT pennsylvania

DELAY CIRCUITS

BT1 electronic circuits

RT pulse techniques

DELAYED ALPHA PARTICLES

*BT1 alpha particles

RT alpha decay

RT decay

DELAYED GAMMA RADIATION

*BT1 gamma radiation

RT decay

RT nuclear reactions

RT photons

DELAYED NEUTRON ANALYSIS

INIS: 1977-01-26; ETDE: 1977-04-13

*BT1 nondestructive analysis

*BT1 nuclear reaction analysis

RT delayed neutrons

RT nuclear reaction analyzers

DELAYED NEUTRON FRACTION

RT delayed neutrons

DELAYED NEUTRON PRECURSORS

UF precursors (delayed neutron)

UF precursors (delayed neutrons)

*BT1 radioisotopes

RT beta-delayed neutrons

RT delayed neutrons

DELAYED NEUTRONS

For fission neutrons only. For delayed neutrons not resulting from fission, see BETA-DELAYED NEUTRONS. (Scope note added in 1985.

*BT1 fission neutrons

RT decay

RT delayed neutron analysis

RT delayed neutron fraction

RT delayed neutron precursors

RT reactor kinetics

DELAYED PROTON PRECURSORS

INIS: 1976-10-29; ETDE: 1976-12-16

UF precursors (delayed proton)

UF precursors (delayed protons)

*BT1 radioisotopes

RT delayed protons

RT neutron-deficient isotopes

DELAYED PROTONS

UF beta-delayed protons

*BT1 protons

RT beta-plus decay

RT decay

RT delayed proton precursors

RT electron capture decay

RT neutron-deficient isotopes

DELAYED RADIATION EFFECTS

UF chronic radiation effects

UF delayed radiation injuries

UF late radiation effects

*BT1 biological radiation effects

RT a-bomb survivors

RT congenital malformations

RT dose commitments

RT early radiation effects

RT genetic radiation effects

RT latency period

RT medical surveillance

RT neoplasms

RT radiation syndrome

RT time dependence

delayed radiation injuries

USE delayed radiation effects

USE radiation injuries

DELBUECK SCATTERING

*BT1 inelastic scattering

deletions (chromosomal)

USE chromosomal aberrations

delft hoger onderwijs reactor

USE hor reactor

DELIGNIFICATION

INIS: 1992-09-04; ETDE: 1978-06-14

Removal of lignin by either enzymatic or chemical means.

RT cellulose

RT lignin

RT plant cells

RT wood

DELIVERY

INIS: 1985-12-10; ETDE: 1978-07-05

RT agreements

RT contracts

RT materials handling

RT postal services

RT transport

DELORO STELLITE 6

INIS: 2000-03-29; ETDE: 1984-07-10

UF stellite 6 (deloro)

DELPHI METHOD

INIS: 2000-04-12; ETDE: 1976-08-04

BT1 forecasting

RT management

RT planning

RT technology assessment

DELPHI REACTOR

2019-01-28

Delft University of Technology. Delft, Netherlands.

*BT1 enriched uranium reactors

*BT1 subcritical assemblies

*BT1 water moderated reactors

delphinium

USE ranunculaceae

DELTA-1232 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19

(Prior to December 1987 this concept was indexed by DELTA-1236 RESONANCES.)

UF delta-1236 resonances

*BT1 delta baryons

delta-1236 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE delta-1232 baryons

DELTA-1600 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19

(Prior to December 1987 this concept was indexed by DELTA-1650 RESONANCES.)

UF delta-1650 resonances

*BT1 delta baryons

DELTA-1620 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19

*BT1 delta baryons

delta-1650 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE delta-1600 baryons

delta-1670 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE delta-1700 baryons

DELTA-1700 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19

(Prior to December 1987 this concept was indexed by DELTA-1670 RESONANCES.)

UF delta-1670 resonances

*BT1 delta baryons

delta-1877 resonances

2000-04-12

(Prior to August 1988 this was a valid ETDE descriptor.)

SEE n*baryons

delta-1890 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE delta-1900 baryons

DELTA-1900 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
(Prior to December 1987 this concept was indexed by DELTA-1890 RESONANCES.)
UF delta-1890 resonances
*BT1 delta baryons

DELTA-1905 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
*BT1 delta baryons

DELTA-1910 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
(Prior to December 1987 this concept was indexed by DELTA-1910 RESONANCES.)
UF delta-1910 resonances
*BT1 delta baryons

delta-1910 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE delta-1910 baryons

DELTA-1920 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
*BT1 delta baryons

DELTA-1930 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
*BT1 delta baryons

DELTA-1950 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
(Prior to December 1987 this concept was indexed by DELTA-1950 RESONANCES.)
UF delta-1950 resonances
*BT1 delta baryons

delta-1950 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE delta-1950 baryons

delta-1960 resonances

1988-03-08
(Prior to December 1987 this was a valid descriptor.)
USE delta baryons

DELTA-2000 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
*BT1 delta baryons

DELTA-2150 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
*BT1 delta baryons

DELTA-2200 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
(Prior to December 1987 this concept was indexed by DELTA-2200 RESONANCES.)
UF delta-2200 resonances
*BT1 delta baryons

delta-2200 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE delta-2200 baryons

DELTA-2400 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
*BT1 delta baryons

DELTA-2420 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
(Prior to December 1987 this concept was indexed by DELTA-2420 RESONANCES.)
UF delta-2420 resonances
*BT1 delta baryons

delta-2420 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE delta-2420 baryons

delta-2850 resonances

1988-03-08
(Prior to December 1987 this was a valid descriptor.)
USE delta baryons

DELTA-3000 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
(Prior to December 1987 this concept was indexed by DELTA-3230 RESONANCES.)
UF delta-3230 resonances
*BT1 delta baryons

delta-3230 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE delta-3000 baryons

delta-966 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE a0-980 mesons

DELTA BARYONS

INIS: 1995-07-17; ETDE: 1988-02-19
UF delta-1960 resonances
UF delta-2850 resonances
*BT1 n*baryons
NT1 delta-1232 baryons
NT1 delta-1600 baryons
NT1 delta-1620 baryons
NT1 delta-1700 baryons
NT1 delta-1900 baryons
NT1 delta-1905 baryons
NT1 delta-1910 baryons
NT1 delta-1920 baryons
NT1 delta-1930 baryons
NT1 delta-1950 baryons
NT1 delta-2000 baryons
NT1 delta-2150 baryons
NT1 delta-2200 baryons
NT1 delta-2400 baryons
NT1 delta-2420 baryons
NT1 delta-3000 baryons

DELTA FUNCTION

UF dirac delta function
BT1 functions
RT schwinger terms

DELTA RAYS

BT1 radiations
RT electrons
RT ionizing radiations
RT recoils

delta resonances (baryon)

1976-08-17
USE n*baryons

delta resonances (meson)

2000-04-12
USE mesons

DEMAGNETIZATION

INIS: 1977-09-06; ETDE: 1977-10-19
NT1 adiabatic demagnetization
RT magnetic fields
RT magnetism
RT magnetization
RT magnets

demagnetization (adiabatic)

2000-04-12
USE adiabatic demagnetization

DEMAND

INIS: 1985-12-11; ETDE: 1980-02-11
NT1 energy demand
NT1 land requirements
NT1 lighting requirements
NT1 power demand
NT1 uranium requirements
NT1 water requirements
RT availability
RT energy consumption
RT fuel consumption
RT fuel supplies
RT supply and demand

DEMAND FACTORS

1985-12-10
Ratios of the maximum demand to the total connected load.
BT1 dimensionless numbers
RT electric power
RT energy consumption
RT energy demand
RT power demand
RT supply and demand

demand limiters

INIS: 1978-08-30; ETDE: 1977-03-08
USE current limiters

DEMBER EFFECT

RT charge carriers

demerol

USE pethidine

demesmaekerite

1996-06-26
(Until June 1996 this was a valid descriptor.)
USE oxide minerals
USE uranium minerals

DEMETALLIZATION

INIS: 1998-11-12; ETDE: 1976-05-13
BT1 separation processes

DEMINERALIZATION

Water softening by use of zeolites or resins to remove cations.
BT1 separation processes
NT1 desalination
RT demineralizers
RT distillation
RT feedwater
RT ion exchange
RT water chemistry

DEMINERALIZERS

RT demineralization
RT reactor cooling systems
RT water

DEMOCRATIC REPUBLIC OF THE CONGO

1997-08-20
Until August 1997 this was known as ZAIRE REPUBLIC.
UF congo democratic republic
UF republic of zaire
UF zaire republic
BT1 africa
BT1 developing countries
NT1 kinshasa

DEMOCRITUS REACTOR

Greek Atomic Energy Commission, Demokritos, Greece.
UF greek research reactor
UF grr reactor

- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 thermal reactors

demography

INIS: 1982-12-03; ETDE: 1980-08-12

The statistical study of human populations with reference to natality, mortality, migratory movements, age, and sex, among other social, ethnic, and economic factors.

USE human populations

DEMOLITION

NT1 reactor dismantling

DEMONSTRATION PLANTS

INIS: 1994-09-13; ETDE: 1977-01-10

Plants designed to establish the technical and financial feasibility of technologies proven by pilot plant testing.

- NT1 coral reprocessing plant
- RT bench-scale experiments
- RT field tests
- RT industrial plants
- RT pilot plants
- RT process development units

DEMONSTRATION PROGRAMS

INIS: 1985-12-10; ETDE: 1976-12-16

- RT commercialization
- RT experiment planning
- RT planning
- RT program management
- RT research programs
- RT us national program plans

DEMULSIFICATION

INIS: 1992-10-01; ETDE: 1976-04-19

- RT demulsifiers
- RT emulsification
- RT emulsifiers
- RT emulsions

DEMULSIFIERS

INIS: 1992-10-01; ETDE: 1996-01-09

- BT1 additives
- RT demulsification
- RT emulsification
- RT emulsifiers
- RT emulsions

denaturation (nucleic acid)

USE nucleic acid denaturation

denaturation (protein)

USE protein denaturation

DENATURED FUEL

INIS: 1978-05-19; ETDE: 1978-01-23

Fuel which has been diluted or spiked so that it is not suitable for weapons use.

- *BT1 nuclear fuels
- RT proliferation
- RT safeguards

DENDRIMERS

2014-03-28

Repetitively branched molecules.

- BT1 molecules
- RT nanomaterials
- RT polymers

DENDRITES

- BT1 crystals
- RT dendritic web growth method

DENDRITIC WEB GROWTH METHOD

INIS: 2000-04-12; ETDE: 1980-02-11

Self-shaping crystal growth method where the crystal is produced directly from the melt without the use of dies or shapers.

- UF web growth method
- BT1 crystal growth methods
- RT crystal growth
- RT dendrites
- RT monocrystals
- RT sheets

denelcor computers

INIS: 1997-01-28; ETDE: 1984-02-10

(Until October 1996 this was a valid descriptor.)

USE computers

DENITRATION

- BT1 chemical reactions
- RT nitric acid
- RT reprocessing

DENITRIFICATION

1992-03-18

- SF hitachi zosen process
- BT1 chemical reactions
- NT1 combined soxnox processes
- NT2 noxso process
- NT1 selective catalytic reduction
- RT nitrification
- RT nitrogen
- RT nitrogen compounds
- RT shell-uop copper oxide process
- RT solinox process

DENMARK

- BT1 developed countries
- *BT1 scandinavia
- RT faeroe islands
- RT greenland
- RT oecd

DENSIMETERS

- BT1 measuring instruments
- NT1 pycnometers
- RT density
- RT radiometric gages
- RT sedimentometers
- RT weight indicators

DENSITOMETERS

- *BT1 photometers
- RT photometry

DENSITY

For specific weight only; see also descriptors such as CARRIER DENSITY, CURRENT DENSITY, and FLUX DENSITY.

- UF specific gravity
- UF specific volume
- UF specific weight
- BT1 physical properties
- NT1 api gravity
- NT1 bulk density
- RT densimeters
- RT fuel densification
- RT jigs
- RT mass distribution
- RT stopping power
- RT weight

density (carrier)

USE carrier density

density (charge)

INIS: 1976-05-05; ETDE: 1976-08-26

USE charge density

density (current)

ETDE: 2002-06-13

USE current density

density (electron)

USE electron density

density (energy-level)

USE energy-level density

density (energy)

INIS: 1980-09-12; ETDE: 1979-04-11

USE energy density

density (flux)

USE flux density

density (grain)

USE grain density

density (ion)

INIS: 1976-05-05; ETDE: 2002-06-13

USE ion density

density (neutron)

USE neutron density

density (plasma)

USE plasma density

density (population)

USE population density

density (power)

USE power density

density (proton)

INIS: 1978-11-24; ETDE: 1980-10-27

USE proton density

density (spectral)

INIS: 1975-12-17; ETDE: 2002-06-13

USE spectral density

DENSITY FUNCTIONAL METHOD

INIS: 2001-02-28; ETDE: 2001-06-08

- *BT1 variational methods
- RT electron correlation
- RT functionals
- RT many-body problem
- RT probability density functions

density log

INIS: 2000-04-12; ETDE: 1979-03-27

USE gamma-gamma logging

DENSITY MATRIX

- BT1 matrices
- RT mathematical operators
- RT mixed states
- RT quantum mechanics

DENSITY OF STATES

2015-05-19

The number of allowed states per volume at a given energy. See also ENERGY-LEVEL DENSITY

- RT band theory
- RT crystal structure
- RT eigenstates
- RT electronic structure
- RT quantum states
- RT quantum systems
- RT statistical mechanics

DENTIN

- RT bone tissues
- RT teeth

denting (corrosion)

INIS: 1979-05-28; ETDE: 1979-09-06

USE corrosion denting

DENTISTRY

BT1 medicine
RT caries
RT teeth

deoxidation

USE reduction

DEOXYCYTIDINE

UF deoxycytidinuria
*BT1 nucleosides
*BT1 pyrimidines
RT cytidine

deoxycytidinuria

USE deoxycytidine
USE urine

deoxycytidylic acid

1996-07-18
(Until July 1996 this was a valid descriptor.)
USE nucleotides

deoxypentose nucleic acid

USE dna

deoxyribonuclease

USE dna-ase

deoxyribonucleic acid

USE dna

DEOXYRIBOSE

*BT1 aldehydes
*BT1 pentoses
RT ribosides

DEOXYURIDINE

*BT1 antimetabolites
*BT1 nucleosides
*BT1 uracils
RT budr
RT fudr
RT iododeoxyuridine

department of defense

INIS: 2000-04-12; ETDE: 1977-10-20
USE us dod

department of interior

INIS: 2000-04-12; ETDE: 1978-04-06
USE us doi

department of transportation

INIS: 2000-04-12; ETDE: 1977-09-20
USE us dot

DEPARTURE NUCLEATE BOILING

UF critical heat flow
UF dnb
*BT1 nucleate boiling

DEPHENOLIZATION

INIS: 2000-04-12; ETDE: 1976-03-11
BT1 chemical reactions
RT phenols

DEPLETED URANIUM

*BT1 uranium
RT fuel cycle

depletion (isotopic)

USE isotope separation

depletion (nuclear fuels)

USE burnup

depletion allowances

INIS: 2000-04-12; ETDE: 1978-01-23
Deductions allowed to federal income tax based on using up natural resources such as fossil fuels.
(Prior to February 1992 this was a valid ETDE descriptor.)
USE us depletion allowances

DEPLETION LAYER

INIS: 1992-05-28; ETDE: 1980-03-04
An electric double layer formed at the surface of contact between a metal and a semiconductor having different work functions.
UF blocking layer
UF space-charge layer
SF barrier layer
BT1 layers
RT semiconductor devices
RT semiconductor materials
RT solar cells
RT surface barrier detectors
RT surface barrier transistors

DEPOLARIZATION

RT polarization

DEPOLYMERIZATION

*BT1 decomposition
RT molecular weight
RT polymerization

DEPOSITION

For the laying down of a substance on a surface; for deposition of elements and nuclides in tissues of living organisms use RETENTION.

UF dry deposition
NT1 surface coating
NT2 chemical coating
NT3 chemical vapor deposition
NT3 electrochemical coating
NT4 anodization
NT2 cladding
NT2 diffusion coating
NT2 dip coating
NT3 hot dipping
NT2 electrodeposition
NT3 electroplating
NT2 energy beam deposition
NT2 physical vapor deposition
NT2 plating
NT3 electroplating
NT3 vapor plating
NT2 screen printing
NT2 spin-on coating
NT2 spray coating
NT3 flame spraying
NT3 plasma arc spraying
NT2 vacuum coating
RT adsorption
RT deposits
RT fouling
RT masking
RT precipitation
RT retention
RT scaling
RT sputtering
RT thin films

deposition (gravitational)

ETDE: 2002-06-13
USE sedimentation

DEPOSITS

RT antifoulants
RT coatings
RT deposition
RT fouling

deposits (geological)

USE geologic deposits

DEPRECIATION

INIS: 2000-06-27; ETDE: 1979-09-26
RT economics
RT financial incentives
RT financing

depressants (central nervous system)

INIS: 1993-11-05; ETDE: 2002-06-13
USE central nervous system depressants

DEPRESSURIZATION

RT depressurization systems
RT pressure vessels
RT pressurization
RT reactor safety

DEPRESSURIZATION SYSTEMS

1985-12-11
RT depressurization
RT eccs
RT pressure vessels
RT reactor protection systems

DEPTH

For elevation use LEVELS.
UF depth distribution
BT1 dimensions
NT1 depth 1-3 km
NT1 depth 3-6 km
NT1 depth 6-9 km
NT1 depth 9-12 km

DEPTH 1-3 KM

INIS: 2000-04-12; ETDE: 1978-12-20
*BT1 depth

DEPTH 3-6 KM

INIS: 2000-04-12; ETDE: 1978-12-20
*BT1 depth

DEPTH 6-9 KM

INIS: 2000-04-12; ETDE: 1978-12-20
*BT1 depth

DEPTH 9-12 KM

INIS: 2000-04-12; ETDE: 1978-12-20
*BT1 depth

depth distribution

INIS: 1976-09-06; ETDE: 2002-06-13
USE depth
USE spatial distribution

DEPTH DOSE DISTRIBUTIONS

UF depth doses
*BT1 spatial dose distributions
RT buildup
RT isodose curves
RT phantoms
RT radiotherapy
RT range

depth doses

USE depth dose distributions

derby zpr neptune

USE neptune reactor

DEREGULATION

INIS: 1985-12-10; ETDE: 1978-01-23
RT economic policy
RT economics
RT government policies
RT natural gas
RT petroleum
RT pricing regulations
RT regulations
RT us natural gas policy act

DERIVATIZATION

INIS: 1992-04-27; ETDE: 1980-11-08
Conversion of a chemical compound into a derivative, usually for the purpose of identification.

- BT1 chemical reactions
- RT chemical analysis
- RT structural chemical analysis

DERMATITIS

- *BT1 skin diseases
- NT1 radiodermatitis

DESALINATION

Any process for making potable water from sea water or other saline waters.

- *BT1 demineralization
- RT desalination plants
- RT desalination reactors
- RT distillation
- RT dual-purpose power plants
- RT evaporators
- RT freezing out
- RT ion exchange
- RT salinity
- RT salts
- RT seawater

DESALINATION PLANTS

INIS: 1986-04-03; ETDE: 1977-08-24

- BT1 industrial plants
- RT desalination
- RT desalination reactors
- RT dual-purpose power plants
- RT seawater

DESALINATION REACTORS

- BT1 reactors
- NT1 bn-350 reactor
- RT desalination
- RT desalination plants
- RT power reactors

DESCALING

- BT1 surface finishing
- RT scale control
- RT scaling
- RT scrubbing
- RT shot peening
- RT surface cleaning

DESERTIFICATION

2013-11-27

- RT deserts

desertron

INIS: 1985-01-18; ETDE: 1984-03-06
USE superconducting super collider

DESERTS

- BT1 arid lands
- RT climates
- RT desertification
- RT sand
- RT terrestrial ecosystems

DESICCANTS

1985-12-10

- RT dehumidifiers
- RT dehydration
- RT dryers
- RT drying
- RT resins
- RT zeolites

DESIGN

1991-10-08

For conceptual design only; use of a more specific descriptor is recommended.

- UF design reports
- NT1 computer-aided design
- NT1 reactor design

- RT diagrams
- RT engineering drawings
- RT feasibility studies
- RT planning
- RT specifications

design (technical drawings)

ETDE: 2002-06-13

- USE diagrams

design (technical specifications)

INIS: 1993-11-05; ETDE: 2002-06-13

- USE specifications

design basis accidents

(Prior to March 2017 this was a valid descriptor.)

- USE design-basis accidents

DESIGN-BASIS ACCIDENTS

2017-03-14

Accident conditions against which a nuclear power plant is designed according to established design criteria, and for which the damage to the fuel and the release of radioactive material are kept within authorized limits. Add relevant descriptors from REACTOR ACCIDENTS if appropriate. (Prior to March 2017 this descriptor was spelled DESIGN BASIS ACCIDENTS.)

- UF design basis accidents
- UF maximum credible accident
- BT1 accidents
- RT atws
- RT reactor design

design reports

2003-10-21

- USE design
- USE safety reports

desiodothyroxine

- USE thyronine

desonox process

INIS: 2000-04-12; ETDE: 1990-05-15

- USE combined soxnox processes

desorex process

2000-04-12

(Prior to September 1994, this was a valid ETDE descriptor.)

- USE desulfurization

DESORPTION

- BT1 sorption
- RT adsorption
- RT degassing
- RT fission product release
- RT thermal desorption spectroscopy

desoxycorticosterone acetate

1996-10-23

(Prior to March 1997 DOCA was used for this concept in ETDE.)

- USE mineralocorticoids

desoxyribonucleic acid

- USE dna

destructive chemical analysis

INIS: 1976-10-07; ETDE: 2002-06-13

(Prior to December 1990, this concept was indexed by DESTRUCTIVE ANALYSIS which is no longer a valid descriptor.)

- USE chemical analysis

DESTRUCTIVE DISTILLATION

INIS: 2000-04-12; ETDE: 1975-10-28

- *BT1 decomposition
- *BT1 distillation
- RT pyrolysis

- RT retorting

DESTRUCTIVE TESTING

- *BT1 materials testing
- NT1 charpy test
- RT impact tests
- RT mechanical properties
- RT post-irradiation examination

destrugas process

INIS: 2000-04-12; ETDE: 1976-11-01

Gasification in complete absence of air with indirect heating of the pyrolysis chamber with char and pyrolysis gas (fuel gas) as the only products.

(Prior to February 1995, this was a valid ETDE descriptor.)

- SEE waste processing

DESULFOVIBRIO

INIS: 1993-06-08; ETDE: 1981-11-10

Genus of strict anaerobes which reduce sulfates to hydrogen sulfide.

- *BT1 sulfate-reducing bacteria

DESULFURIZATION

- UF ai aqueous carbonate process
- UF alkazid process
- UF ames wet oxidation process
- UF amisol process
- UF amoco cba process
- UF amoco sulfur recovery process
- UF aquaclus process
- UF aqueous carbonate process
- UF as recycling process
- UF atomics international aqueous carbonate process
- UF bergbauforschung-foster wheeler process
- UF bf-wf process
- UF bom-erda process
- UF carl still process
- UF cat-ox process
- UF catacarb carbon dioxide removal process
- UF catacarb process
- UF catalytic-ifp ammonia scrubbing process
- UF cba process
- UF chemico process
- UF chemsweet process
- UF citrex process
- UF cleanair process
- UF conoco process
- UF czd process
- UF davy s-h process
- UF desorex process
- UF diamox process
- UF dowa process
- UF ferrox process
- UF fluor econamine process
- UF fluor solvent process
- UF fulham-simon-carves process
- UF fumaks process
- UF ge process
- UF girdler-girbotol process
- UF gravichem process
- UF grillo process
- UF haines process
- UF hazen process
- UF hipure process
- UF hirohax process
- UF hoelter process
- UF ici process
- UF ifp process
- UF igt dehydrodesulfurization process
- UF ionics electrolytic regeneration process
- UF jecco process
- UF koppers vacuum carbonate process

UF kureha acetate process
 UF kvb process
 UF lucas process
 UF magnex process
 UF mining research method
 UF molten carbonate process
 UF petit process
 UF phosphate process
 UF pircon-peck process
 UF pittsburgh oxydesulfurization process
 UF purasiv s process
 UF reinluft process
 UF seaboard process
 UF snpa-dea process
 UF stauffer aquaclaus process
 UF sulfox process
 UF thylox process
 UF topsoe-snpa process
 UF tyco process
 UF unicracking/hds process
 UF westvaco process
 SF syracuse chemical comminution process
 SF townsend process
 BT1 chemical reactions
 NT1 adip process
 NT1 alkalized alumina process
 NT1 ammonia-ammonium bisulfate process
 NT1 battelle hydrothermal coal process
 NT1 beavon process
 NT1 benfield process
 NT1 bergbauforschung process
 NT1 cafb process
 NT1 cea-adl dual alkali process
 NT1 chiyoda thoroughbred process
 NT1 citrate process
 NT1 claus process
 NT1 cng process
 NT1 combined soxnox processes
 NT2 noxso process
 NT1 consol fgd process
 NT1 fmc double alkali process
 NT1 giammarco vetrocoke sulfur process
 NT1 girbotol process
 NT1 gravimelt process
 NT1 gulf hds process
 NT1 holmes-stretford process
 NT1 jpl process
 NT1 ledgemont process
 NT1 lime-limestone wet scrubbing processes
 NT2 bischoff process
 NT1 magnesium slurry scrubbing process
 NT1 meyers process
 NT1 molecular sieve process
 NT1 otto process
 NT1 penelec process
 NT1 perox process
 NT1 purisol process
 NT1 rectisol process
 NT1 resox process
 NT1 ric process
 NT1 saarberg-holter process
 NT1 scot process
 NT1 selexol process
 NT1 shell-uop copper oxide process
 NT1 solinox process
 NT1 sorbent injection processes
 NT1 soxal process
 NT1 stone and webster ionics process
 NT1 stretford process
 NT1 sulf-x process
 NT1 sulfiban process
 NT1 sulfinol process
 NT1 sulfreen process
 NT1 takahax process
 NT1 thiosorbic process
 NT1 trw process

NT1 ucap process
 NT1 unisulf process
 NT1 vacuum carbonate process
 NT1 w-l sulfur dioxide recovery process
 NT1 walther process
 RT air pollution abatement
 RT catalytic hydrosolvation process
 RT dry scrubbers
 RT hot gas cleanup
 RT rhodococcus
 RT sulfate-reducing bacteria
 RT sulfur-oxidizing bacteria
 RT thiobacillus oxidans
 RT us clean coal technology program
 RT wet scrubbers

DESY

Deutsches Elektronen Synchrotron.
 UF hamburg synchrotron
 *BT1 synchrotrons

DETAILED BALANCE PRINCIPLE

*BT1 t invariance
 RT cross sections
 RT hamiltonians
 RT nuclear reactions
 RT s matrix
 RT scattering

DETECTION

INIS: 1983-09-06; ETDE: 1979-03-28

NT1 boiling detection
 NT1 crime detection
 NT2 nuclear forensics
 NT1 failed element detection
 NT1 fuel motion detection
 NT1 nuclear explosion detection
 NT1 radiation detection
 NT2 charged particle detection
 NT3 acoustic detection
 NT3 alpha detection
 NT3 beta detection
 NT3 electron detection
 NT3 ion detection
 NT3 muon detection
 NT3 positron detection
 NT3 proton detection
 NT2 cosmic ray detection
 NT2 fission fragment detection
 NT2 gamma detection
 NT2 kaon detection
 NT2 neutrino detection
 NT2 neutron detection
 NT2 pion detection
 NT2 x-ray detection
 NT1 seismic detection
 NT2 in-country detection
 RT control
 RT intrusion detection systems
 RT monitoring
 RT motion detection systems
 RT nuclear materials diversion
 RT nuclear materials management
 RT safeguards

detection (failed element)

2000-04-12
 USE failed element detection

detection (nuclear explosions)

2000-04-12
 USE nuclear explosion detection

detection (radiation)

2000-04-12
 For the detection of elementary particles and radiations refer to narrower terms to radiation detection.
 USE radiation detection

detection (seismic)

2000-04-12
 USE seismic detection

detection limits

INIS: 1976-06-23; ETDE: 2002-06-13
 USE sensitivity

detectors (radiation)

USE radiation detectors

DETERGENTS

SF chemicals
 *BT1 emulsifiers
 *BT1 wetting agents
 NT1 pluronics
 RT cleaning
 RT decontamination
 RT soaps
 RT xenobiotics

determination (chemical)

ETDE: 2002-06-13
 USE chemical analysis

DETERMINISTIC ESTIMATION

2003-12-17
 Analytical technique for calculation of unknown quantities and the uncertainty associated with the deterministic estimates of those quantities.
 UF deterministic safety assessment
 BT1 calculation methods
 RT forecasting
 RT probabilistic estimation
 RT risk assessment
 RT safety analysis

deterministic safety assessment

2003-12-17
 USE deterministic estimation
 USE risk assessment

DETONATION LIMITS

INIS: 2000-06-27; ETDE: 1977-01-28
 Bounds on regions of stable detonation.
 RT chemical explosives

DETONATION WAVES

INIS: 1985-12-11; ETDE: 1976-08-25
 Shock waves caused by release of chemical energy through chemical reactions.
 BT1 shock waves
 RT combustion
 RT combustion waves
 RT explosions
 RT ignition

detonations

(Prior to March 1996 this was a valid ETDE descriptor.)
 USE explosions

DETONATORS

(From October 1979 till February 1997 FUSES was a valid ETDE descriptor.)
 UF fuses (detonators)
 UF fuzes
 RT exploding wires
 RT explosions

DETOXIFICATION

INIS: 1984-04-04; ETDE: 1981-03-16
 RT biochemical reaction kinetics
 RT decontamination
 RT hazardous materials
 RT toxic materials
 RT toxicity
 RT toxins

DETRITUS

INIS: 1993-06-03; ETDE: 1977-08-09

Loose material (as rock fragments or organic particles) that results directly from disintegration.

RT biodegradation
RT environmental materials
RT sediments

DETROIT RIVER

2000-04-12

*BT1 rivers
RT michigan

deus

INIS: 2000-04-12; ETDE: 1978-11-14

Dual energy use systems. Term similar to cogeneration, especially for methods using both heat and electric power when both are produced simultaneously and in significant quantities.

(Prior to February 1997 this was a valid descriptor.)

USE cogeneration

DEUTERATION

BT1 chemical reactions
RT dehydrogenation
RT hydrogenation

DEUTERIDES

1986-03-04

*BT1 deuterium compounds
NT1 hydrogen deuteride
NT1 lithium deuterides

DEUTERIUM

UF hydrogen 2
*BT1 hydrogen isotopes
*BT1 light nuclei
*BT1 odd-odd nuclei
*BT1 stable isotopes
RT deuterons
RT hydrogen deuteride
RT thermonuclear fuels

DEUTERIUM COMPOUNDS

1996-06-19

UF dto
BT1 hydrogen compounds
NT1 deuterides
NT2 hydrogen deuteride
NT2 lithium deuterides
NT1 deuterium tritide
NT1 heavy water

deuterium hydride

USE hydrogen deuteride

DEUTERIUM IONS

1996-03-04

*BT1 ions
RT d-t operation

deuterium moderated pile low energy

1993-11-05

USE dimple reactor

deuterium oxide

INIS: 1976-10-07; ETDE: 1976-11-01

USE heavy water

DEUTERIUM TARGET

UF deuterium-deuteron interactions
UF deuteron target
UF lepton-deuteron interactions
UF meson-deuteron interactions
BT1 targets

DEUTERIUM TRITIDE

INIS: 1976-02-05; ETDE: 1979-05-31

*BT1 deuterium compounds

*BT1 tritides
RT muon-catalyzed fusion

DEUTERON BEAMS

*BT1 ion beams
RT deuterons

deuteron-deuteron interactions

INIS: 2000-04-12; ETDE: 1979-09-06

USE deuterium target
USE deuteron reactions

DEUTERON MICROPROBE ANALYSIS

INIS: 1981-07-08; ETDE: 1981-08-04

BT1 microanalysis
*BT1 nondestructive analysis
RT deuteron probes

DEUTERON PROBES

INIS: 1981-07-08; ETDE: 1981-08-04

BT1 probes
RT deuteron microprobe analysis
RT deuteron sources
RT ion probes

DEUTERON REACTIONS

UF deuteron-deuteron interactions
*BT1 charged-particle reactions
NT1 antideuteron reactions

DEUTERON SOURCES

*BT1 particle sources
RT deuteron probes
RT deuterons

DEUTERON SPECTRA

BT1 spectra
RT deuterons

deuteron target

ETDE: 2002-06-13

USE deuterium target

DEUTERONS

1999-03-01

BT1 charged particles
NT1 antideuterons
RT deuterium
RT deuteron beams
RT deuteron sources
RT deuteron spectra

DEVELOPED COUNTRIES

INIS: 1982-12-03; ETDE: 1978-03-03

UF industrialized countries

NT1 australia
NT2 new south wales
NT2 northern territory
NT2 queensland
NT2 south australia
NT2 tasmania
NT2 victoria
NT2 western australia
NT1 austria
NT1 belgium
NT1 canada
NT2 alberta
NT2 british columbia
NT2 manitoba
NT2 new brunswick
NT2 newfoundland
NT2 northwest territories
NT2 nova scotia
NT2 nunavut
NT2 ontario
NT3 chalk river
NT3 deep river
NT3 elliot lake
NT2 prince edward island
NT2 quebec
NT2 saskatchewan

NT2 yukon territory
NT1 denmark
NT1 federal republic of germany
NT1 finland
NT1 france
NT2 reunion island
NT1 holy see
NT1 ireland
NT1 italy
NT2 appennines
NT2 sicily
NT1 japan
NT2 hachimantai
NT2 hirosima
NT2 nagasaki
NT1 luxembourg
NT1 monaco
NT1 netherlands
NT1 new zealand
NT1 norway
NT1 san marino
NT1 south africa
NT2 transvaal
NT1 sweden
NT1 switzerland
NT1 united kingdom
NT1 usa
NT2 alabama
NT2 alaska
NT2 american samoa
NT2 arizona
NT2 arkansas
NT2 california
NT3 brawley geothermal field
NT3 coso hot springs
NT3 los angeles
NT2 colorado
NT3 mahogany zone
NT3 sand wash basin
NT2 connecticut
NT2 delaware
NT2 florida
NT3 cape kennedy
NT2 georgia (u.s. state of)
NT3 atlanta
NT2 great basin
NT2 hawaii
NT2 idaho
NT2 illinois
NT3 chicago
NT2 indiana
NT2 iowa
NT2 kansas
NT2 kentucky
NT2 louisiana
NT2 maine
NT2 maryland
NT2 massachusetts
NT2 michigan
NT2 minnesota
NT2 mississippi
NT2 missouri
NT2 montana
NT3 powder river basin
NT2 nebraska
NT2 nevada
NT3 steamboat springs
NT3 tonopah test range
NT2 new hampshire
NT2 new jersey
NT2 new mexico
NT3 los alamos
NT2 new york
NT3 new york city
NT2 north carolina
NT2 north dakota
NT2 ohio
NT3 cleveland
NT2 oklahoma

NT2 oregon
NT3 mt hood
NT2 pennsylvania
NT3 pittsburgh
NT2 puerto rico
NT2 rhode island
NT2 south carolina
NT2 south dakota
NT3 table mountain area
NT2 tennessee
NT3 chattanooga
NT3 oak ridge
NT2 texas
NT2 us east coast
NT2 us gulf coast
NT2 us west coast
NT2 utah
NT3 roosevelt hot springs
NT2 vermont
NT2 virgin islands
NT2 virginia
NT2 washington
NT3 richland
NT2 washington dc
NT2 west virginia
NT2 wisconsin
NT2 wyoming
NT3 powder river basin
NT3 rock springs sites
NT3 washakie basin
RT developing countries
RT economic development
RT oil-exporting countries
RT technology utilization

DEVELOPERS

1996-09-06

UF amidol
SF chemicals
NT1 pyrocatechol
NT1 pyrogallol
NT1 resorcinol
RT photography

DEVELOPING COUNTRIES

INIS: 1997-06-05; ETDE: 1976-11-29

NT1 afghanistan
NT1 albania
NT1 algeria
NT1 angola
NT1 argentina
NT2 mendoza
NT1 bahama islands
NT1 bahrain
NT1 bangladesh
NT1 belize
NT1 bhutan
NT1 bolivia
NT2 chacaltaya
NT1 botswana
NT1 brazil
NT1 bulgaria
NT1 burkina faso
NT1 burundi
NT1 cameroon
NT1 central african republic
NT1 chad
NT1 chile
NT1 colombia
NT1 congo peoples republic
NT2 brazzaville
NT1 costa rica
NT1 cote d'ivoire
NT1 cuba
NT1 czech republic
NT1 democratic republic of the congo
NT2 kinshasa
NT1 dominican republic
NT1 ecuador
NT1 egyptian arab republic

NT1 el salvador
NT1 eritrea
NT1 ethiopia
NT1 gabon
NT1 gambia
NT1 ghana
NT1 greece
NT1 guatemala
NT1 guyana
NT1 haiti
NT1 honduras
NT1 hungary
NT1 iceland
NT1 india
NT1 indonesia
NT1 iran
NT1 iraq
NT1 israel
NT1 jamaica
NT1 jordan
NT1 kazakhstan
NT1 kenya
NT1 kuwait
NT1 laos
NT1 lebanon
NT1 lesotho
NT1 liberia
NT1 libyan arab jamahiriya
NT1 madagascar
NT2 malagasy republic
NT1 malawi
NT1 malaysia
NT1 maldives
NT1 mali
NT1 mauritania
NT1 mauritius
NT1 mexico
NT1 montenegro
NT1 morocco
NT1 mozambique
NT1 myanmar
NT1 nepal
NT1 nicaragua
NT1 niger
NT1 nigeria
NT1 north korea
NT1 oman
NT1 pakistan
NT1 panama
NT1 paraguay
NT1 peru
NT1 philippines
NT1 poland
NT1 portugal
NT2 azores islands
NT1 qatar
NT1 republic of korea
NT1 republic of seychelles
NT1 romania
NT1 rwanda
NT1 saint lucia
NT1 saint vincent and the grenadines
NT1 samoa
NT1 saudi arabia
NT1 senegal
NT1 serbia
NT1 sierra leone
NT1 singapore
NT1 slovakia
NT1 solomon islands
NT1 somalia
NT1 spain
NT2 canary islands
NT1 sri lanka
NT1 sudan
NT1 surinam
NT1 swaziland
NT1 syria
NT1 thailand

NT1 the former yugoslav republic of macedonia
NT1 togo
NT1 tonga
NT1 tunisia
NT1 turkey
NT1 uganda
NT1 united republic of tanzania
NT1 uruguay
NT1 vanuatu
NT1 venezuela
NT1 viet nam
NT1 yemen
NT1 zambia
NT1 zimbabwe
NT2 southern rhodesia
RT developed countries
RT industry
RT input-output analysis
RT oil-exporting countries
RT oil-importing countries
RT rural energy centers
RT technology transfer

devices

1982-12-06

USE equipment

DEVOLATILIZATION

INIS: 1993-02-18; ETDE: 1978-02-14

RT volatile matter
RT volatility

DEVONIAN PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19

*BT1 paleozoic era

devonian shales

INIS: 1992-07-22; ETDE: 1980-10-27

USE black shales

DEW POINT

INIS: 1976-10-07; ETDE: 1975-10-01

The temperature at which a vapor begins to condense.

*BT1 transition temperature
RT humidity
RT phase transformations
RT vapor condensation

dewar flasks

INIS: 1985-07-18; ETDE: 1977-06-30

(Prior to August 1985 this was a valid descriptor.)

USE dewars

DEWARS

INIS: 1985-07-18; ETDE: 1976-08-24

(Prior to August 1985 DEWAR FLASKS was used.)

UF dewar flasks
BT1 containers
RT cryogenics

dewatering

INIS: 2000-04-12; ETDE: 1977-06-24

USE water removal

DEWATERING EQUIPMENT

INIS: 1994-06-27; ETDE: 1985-04-09

BT1 concentrators
RT dryers
RT water removal

DEWAXING

INIS: 2000-04-12; ETDE: 1975-10-01

UF paraffin removal
BT1 separation processes
RT refining
RT scrapers
RT waxes

DEWINDTITE

2000-04-12

- *BT1 uranium minerals
- RT lead phosphates
- RT uranium phosphates

DEXAMETHASONE

- *BT1 glucocorticoids

DEXTRAN

- *BT1 blood substitutes
- *BT1 polysaccharides

DEXTRIN

- UF starch gum
- *BT1 polysaccharides

dextro and levo optical isomers

INIS: 2000-04-12; ETDE: 1976-02-23
USE enantiomorphs

dextronic acid

- USE gluconic acid

dfa

- USE deferoxamine

dfr-350 reactor

- USE dfr reactor

DFR REACTOR

Permanent shutdown since 1977. Under decommissioning.

- UF dfr-350 reactor
- UF downreay fast reactor
- *BT1 enriched uranium reactors
- *BT1 experimental reactors
- *BT1 lmfr type reactors
- *BT1 power reactors

DHDECMP

INIS: 1981-07-06; ETDE: 1980-06-23

Dihexyl-n, n-diethylcarbaryl methylenephosphonate.

- UF dihexyl-n,n-diethylcarbaryl-methylenephosphonate
- *BT1 phosphonic acid esters
- RT organic solvents

dhr systems

2018-08-30

- USE rhr systems

DHRUVA REACTOR

INIS: 1986-03-04; ETDE: 1989-06-23

Bhabha Atomic Research Centre, Trombay, Maharashtra, India.

(This reactor was indexed as TROMBAY R-5 REACTOR by INIS prior to March 1986 and by ETDE prior to June 1989.)

- UF trombay r-5 reactor
- *BT1 heavy water cooled reactors
- *BT1 heavy water moderated reactors
- *BT1 isotope production reactors
- *BT1 natural uranium reactors
- *BT1 research reactors
- *BT1 test reactors
- *BT1 thermal reactors

di-(2-propyl) ether

- USE isopropyl ether

di-2-ethylhexylphosphoric acid

- USE hdehp

DIABASES

INIS: 2000-04-12; ETDE: 1981-11-10

- *BT1 basalt

DIABATIC APPROXIMATION

- *BT1 approximations
- RT adiabatic approximation
- RT electron-promotion model

- RT quantum mechanics

- RT scattering

DIABETES MELLITUS

- *BT1 endocrine diseases
- *BT1 metabolic diseases
- RT insulin
- RT metabolism

DIABLO CANYON-1 REACTOR

Pacific Gas and Electric Co., Avila Beach, California, USA.

- UF pacific gas diablo canyon-1 reactor
- *BT1 pwr type reactors

DIABLO CANYON-2 REACTOR

Pacific Gas and Electric Co., Avila Beach, California, USA.

- UF pacific gas diablo canyon-2 reactor
- *BT1 pwr type reactors

diacetylmorphine

- USE heroin

DIAGENESIS

Any change occurring within sediments subsequent to deposition and before complete lithification that alters the mineral content and physical properties of the sediments.

- RT catagenesis
- RT coalification
- RT origin
- RT petrogenesis
- RT sediments

DIAGNOSIS

- UF radiodiagnosis (radionuclides)
- RT diagnostic techniques
- RT diagnostic uses
- RT labelled compounds
- RT medical examinations
- RT medicine
- RT nuclear medicine
- RT radiology
- RT radiopharmaceuticals
- RT scintiscanning
- RT symptoms
- RT tracer techniques

DIAGNOSTIC TECHNIQUES

- NT1 autopsy
- NT1 biomedical radiography
- NT2 fluoroscopy
- NT2 ionographic imaging
- NT2 osteodensitometry
- NT2 renography
- NT1 biopsy
- NT1 cardiography
- NT2 radiocardiography
- NT1 electroencephalography
- NT1 nmr imaging
- NT1 photon emission scanning
- NT2 ecat scanning
- NT1 photon transmission scanning
- NT1 radioimmunodetection
- NT2 radioimmunoassay
- NT2 radioimmunoscintigraphy
- NT1 scintiscanning
- NT2 radioimmunoscintigraphy
- NT1 tomography
- NT2 compton scattering tomography
- NT2 computerized tomography
- NT3 cat scanning
- NT3 emission computed tomography
- NT4 ecat scanning
- NT4 positron computed tomography
- NT4 single photon emission computed tomography
- NT3 photon computed tomography
- NT3 proton computed tomography
- NT2 grazing incidence tomography

- NT1 ultrasonography
- RT autoradiography
- RT blood-plasma clearance
- RT diagnosis
- RT diagnostic uses
- RT electrocardiograms
- RT medicine
- RT nuclear medicine
- RT radioisotope generators
- RT radiology
- RT tracer techniques
- RT x-ray equipment

DIAGNOSTIC USES

INIS: 1993-07-21; ETDE: 1978-08-07

For medical applications.

- BT1 uses
- RT clinical trials
- RT diagnosis
- RT diagnostic techniques
- RT medicine

diagnostics (fusion)

INIS: 1998-10-28; ETDE: 1998-12-18

- USE plasma diagnostics

DIAGRAMS

1996-01-24

FOR SIGNIFICANT DIAGRAMS, CHARTS, GRAPHS, AND DRAWINGS ONLY.

- UF charts
- UF curves
- UF design (technical drawings)
- SF graphs
- BT1 information
- NT1 bragg curve
- NT1 electrocardiograms
- NT1 engineering drawings
- NT1 fermi plot
- NT1 feynman diagram
- NT1 flowsheets
- NT1 goldstone diagrams
- NT1 hertzprung-russell diagram
- NT1 mollier diagrams
- NT1 nomograms
- NT1 nyquist diagrams
- NT1 optical depth curve
- NT2 spectroscopic curve of growth
- NT1 phase diagrams
- NT1 s-n diagram
- NT1 scatterplots
- NT2 argand diagrams
- NT2 dalitz plot
- NT2 prism plot
- NT1 sun charts
- NT1 thermochemical diagrams
- NT1 young diagram
- RT computer graphics
- RT computer-graphics devices
- RT design
- RT maps
- RT pattern recognition

DIAL PAINTERS

- BT1 personnel
- RT luminous paints

DIALYSIS

- BT1 separation processes
- NT1 electro dialysis
- RT colloids
- RT diffusion
- RT mass transfer
- RT membranes
- RT permeability
- RT proteins

DIAMAGNETISM

- BT1 magnetism
- NT1 plasma diamagnetism
- RT de haas-van alphen effect

DIAMEX PROCESS

INIS: 1998-06-30; ETDE: 1998-10-20

- *BT1 reprocessing
- RT amides
- RT solvent extraction

diaminobiphenyl

- USE benzidine

diaminocaproic acid

- USE lysine

diaminocyclohexanetetraacetic acid

1995-02-16

- USE dcta

diamond counters

- USE crystal counters

diamond drilling equipment

INIS: 2000-04-12; ETDE: 1977-08-09

- USE drilling equipment

DIAMONDS

- *BT1 carbon
- BT1 minerals

diamox process

INIS: 2000-04-12; ETDE: 1979-01-30

In this process, ammonia is used as absorbent and stripped hydrogen sulfide is fed to a Claus process.

(Prior to September 1994, this was a valid ETDE descriptor.)

- USE desulfurization

diamyl sulfoxide

- USE dpso

dianabol

1996-10-23

(Until October 1996 this was a valid descriptor.)

- USE androgens
- USE hydroxy compounds
- USE ketones

diantipyrylmethane

INIS: 1984-04-04; ETDE: 1984-05-10

- USE pyrazolines

DIAPHORASE

INIS: 2000-04-03; ETDE: 1981-01-12

- UF diaphorases
- UF flavoprotein enzymes
- *BT1 isoalloxazines
- *BT1 oxidoreductases

diaphorases

2000-04-03

(Until July 1996 this was a valid descriptor.)

- USE diaphorase

DIAPHRAGM

INIS: 1980-09-12; ETDE: 1980-10-07

Partition separating the chest and abdominal cavities.

- BT1 muscles
- *BT1 organs
- RT abdomen
- RT chest
- RT lungs
- RT respiration

diaphragms (thermonuclear device)

2000-04-12

- USE limiters

DIARRHEA

- BT1 symptoms
- RT constipation
- RT digestive system diseases

- RT enteritis
- RT intestines

DIATOMACEOUS EARTH

1992-11-03

A white, yellow, or light gray siliceous earth composed predominantly of the opaline frustules of diatoms.

- UF kieselguhr
- RT adsorbents
- RT diatoms
- RT filters

DIATOMS

INIS: 1991-12-11; ETDE: 1976-05-13

Algae of the class Bacillariophyceae.

(Prior to January 1992, this was indexed by ALGAE and PLANKTON.)

- *BT1 chromophycota
- RT diatomaceous earth
- RT phytoplankton

DIAZO COMPOUNDS

- *BT1 organic nitrogen compounds
- NT1 pyridylazonaphthol
- NT1 pyridylazoresorcinol
- NT1 thorin
- RT azo dyes
- RT dyes

DIAZOTIZATION

- BT1 chemical reactions
- RT organic nitrogen compounds

dibaryon resonances

INIS: 1987-12-21; ETDE: 1979-02-27

(Prior to December 1987 this was a valid descriptor.)

- USE dibaryons

DIBARYONS

INIS: 1987-12-21; ETDE: 1988-02-19

(Prior to December 1987 this concept was indexed by DIBARYON RESONANCES.)

- UF baryon number 2 resonances
- UF dibaryon resonances
- *BT1 baryons
- NT1 dineutrons
- NT1 diprotons
- NT1 lambda-n-2130 dibaryons
- NT1 nn-2170 dibaryons
- NT1 nn-2250 dibaryons

dibenzopyrroles

- USE carbazoles

diborane

- USE boranes

dibutyl ether

- USE butyl ether

dibutyl phosphate

- USE dbp

DICARBOXYLIC ACIDS

1996-07-18

- UF beryllon
- UF dsnadns
- *BT1 carboxylic acids
- NT1 adipic acid
- NT1 fumaric acid
- NT1 glutaric acid
- NT1 itaconic acid
- NT1 maleic acid
- NT1 malonic acid
- NT1 oxalic acid
- NT1 phthalic acid
- NT1 sebacic acid
- NT1 succinic acid
- NT1 terephthalic acid
- RT imides

DICENTRIC CHROMOSOMES

- UF dicentrics
- BT1 chromosomes
- RT chromosomal aberrations

dicentrics

- USE dicentric chromosomes

dichlorodiethylamine

- USE nitrogen mustard

dichlorodiphenyltrichloroethane

- USE ddt

dichloromethane

1982-02-09

- USE methylene chloride

DICHOISM

- NT1 magnetic circular dichroism
- RT color
- RT optical properties

DICHROMATES

INIS: 1983-10-14; ETDE: 1983-11-09

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- *BT1 chromium compounds
- BT1 oxygen compounds
- RT chromium oxides

dicotyledons

INIS: 2000-04-12; ETDE: 1988-12-21

- USE magnoliopsida

DICTIONARIES

INIS: 1994-09-29; ETDE: 1976-11-01

- UF glossaries
- BT1 document types
- RT machine translations

DICTYOCAULUS

- *BT1 nematodes
- BT1 parasites
- RT parasitic diseases
- RT sheep

DICTYOPTERA

INIS: 1993-07-14; ETDE: 1981-06-16

- *BT1 insects
- NT1 cockroaches

dictyosomes

INIS: 2000-04-12; ETDE: 1991-08-21

- USE golgi complexes

dicumarol

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE anticoagulants

DIDERICHITE

2000-04-12

- *BT1 carbonate minerals
- *BT1 uranium minerals
- RT uranium carbonates

dido-juelich reactor

- USE frj-2 reactor

DIDO REACTOR

UKAEA, Harwell, United Kingdom.
Decommissioned since 1995.

- UF ukaea-dido reactor
- *BT1 enriched uranium reactors
- *BT1 heavy water cooled reactors
- *BT1 heavy water moderated reactors
- *BT1 isotope production reactors
- *BT1 materials testing reactors
- *BT1 research reactors
- *BT1 tank type reactors

*BT1 thermal reactors

diel variations

INIS: 2000-04-12; ETDE: 1980-10-07

USE daily variations

DIELDRIN

*BT1 insecticides

DIELECTRIC AMPLIFIERS

*BT1 amplifiers

dielectric constant

INIS: 1977-06-13; ETDE: 2002-06-13

USE permittivity

DIELECTRIC MATERIALS

UF dielectrics

UF materials (dielectric)

BT1 materials

NT1 antiferroelectric materials

NT1 electrets

NT1 ferroelectric materials

RT capacitors

RT dielectric properties

RT dielectric tensor

RT dielectric track detectors

RT electrical insulation

RT electrical insulators

RT insulating oils

RT lichtenberg figures

RT mica

RT natural rubber

RT organic insulators

RT paper

RT potting

RT potting materials

RT ritad dosimeters

RT rubbers

RT varnishes

DIELECTRIC PROPERTIES

*BT1 electrical properties

NT1 kerr effect

NT1 permittivity

RT capacitance

RT dielectric materials

RT dielectric tensor

RT insulating oils

RT relaxation losses

DIELECTRIC TENSOR

INIS: 1981-08-31; ETDE: 1981-09-22

BT1 tensors

RT dielectric materials

RT dielectric properties

DIELECTRIC TRACK DETECTORS

UF track detectors (dielectric)

*BT1 radiation detectors

RT ceramics

RT dielectric materials

RT electron microscopy

RT etching

RT fission foil detectors

RT glass

RT latent images

RT lithium fluorides

RT luminescent dosimeters

RT mica

RT olivine

RT particle tracks

RT polymers

RT tourmaline

dielectrics

USE dielectric materials

DIELS-ALDER REACTION

*BT1 cyclization

DIENES

*BT1 polyenes

NT1 allene

NT1 butadiene

NT1 cyclopentadiene

NT1 ferrocene

NT1 isoprene

NT1 pentadienes

DIENG GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1983-04-28

BT1 geothermal fields

RT indonesia

DIES

RT casting

RT casting molds

RT extrusion

RT forging

RT pressing

DIESEL ENGINES

1990-12-06

(Prior to December 1990, this concept was indexed by DIESEL MOTORS.)

UF diesel motors

*BT1 internal combustion engines

RT dual-fuel engines

RT fuel injection systems

DIESEL FUELS

1991-10-10

UF diesel oil (fraction)

*BT1 gas oils

*BT1 liquid fuels

RT biodiesel fuels

RT ethanol fuels

diesel motors

1990-12-06

(Prior to December 1990, this was a valid descriptor.)

USE diesel engines

diesel oil (fraction)

INIS: 1992-01-09; ETDE: 1976-03-11

USE diesel fuels

DIET

RT animal feeds

RT beverages

RT drinking water

RT fasting

RT feeding

RT food

RT food additives

RT food chains

RT icrp critical group

RT ingestion

RT mass rearing

RT nutrients

RT nutrition

RT nutritional deficiency

RT rearing

RT therapy

RT vitamins

diethyl ether

USE ethyl ether

diethyldithiocarbamates

USE dedtc

diethylenetriaminepentaacetic acid

1995-02-16

USE dtpa

DIFFERENTIAL CALCULUS

UF calculus (differential)

BT1 mathematics

RT differential geometry

DIFFERENTIAL CROSS SECTIONS

BT1 cross sections

NT1 excitation functions

RT angular distribution

DIFFERENTIAL EQUATIONS

UF canonical equations

UF equations (differential)

BT1 equations

NT1 bbgky equation

NT1 chapman-kolmogorov equation

NT1 dirac-hestenes equation

NT1 evolution equations

NT1 hill equation

NT1 joos-weinberg equation

NT1 mathieu equation

NT1 partial differential equations

NT2 boltzmann equation

NT2 boltzmann-vlasov equation

NT3 plasma fluid equations

NT2 continuity equations

NT2 diffusion equations

NT3 neutron diffusion equation

NT2 equations of motion

NT2 fokker-planck equation

NT2 fourier heat equation

NT2 grad-shafranov equation

NT2 hamilton-jacobi equations

NT2 korteweg-de vries equation

NT2 lagrange equations

NT2 laplace equation

NT2 maxwell equations

NT2 navier-stokes equations

NT2 poisson equation

NT2 proca equations

NT2 wave equations

NT3 dirac equation

NT4 dirac spinors

NT3 klein-gordon equation

NT3 majorana equation

NT3 schroedinger equation

NT1 riccati equation

NT1 schwinger functional equations

NT1 sturm-liouville equation

RT airy functions

RT analytical solution

RT bifurcation

RT boundary conditions

RT boundary-value problems

RT cluster expansion

RT control theory

RT dirichlet problem

RT finite difference method

RT finite element method

RT floquet function

RT green function

RT integral equations

RT limit cycle

RT lyapunov method

RT mathematics

RT recursion relations

RT riemann function

RT runge-kutta method

DIFFERENTIAL GEOMETRY

1983-03-15

*BT1 geometry

RT differential calculus

RT mathematical space

DIFFERENTIAL OPERATORS

2018-02-16

BT1 mathematical operators

RT dynamical systems

DIFFERENTIAL PAC

UF perturbed angular correlation (differential)

*BT1 perturbed angular correlation

RT time dependence

DIFFERENTIAL THERMAL ANALYSISUF *dta*

BT1 thermal analysis

RT transition heat

DIFFERENTIAL TOPOLOGY

*BT1 topology

RT mapping fibration

RT smooth manifolds

RT topological foliation

DIFFRACTION

*BT1 coherent scattering

NT1 atomic beam diffraction

NT1 diffuse scattering

NT1 electron diffraction

NT1 neutron diffraction

NT1 x-ray diffraction

RT debye-waller factor

RT diffraction gratings

RT diffractometers

RT gamma diffractometers

RT gratings

RT optical dispersion

RT optical properties

diffraction (electron)

2000-04-12

USE electron diffraction

diffraction (neutron)

2000-04-12

USE neutron diffraction

diffraction (x-ray)

2000-04-12

USE x-ray diffraction

diffraction dissociation

USE diffraction models

DIFFRACTION GRATINGS

INIS: 1984-01-18; ETDE: 1984-02-10

(Prior to November 1989 this concept in ETDE was indexed by GRATINGS.)

UF *echelle gratings*UF *echelon gratings*

RT diffraction

RT diffractometers

RT optical systems

RT spectrometers

RT x-ray equipment

DIFFRACTION METHODS

NT1 debye-scherrer method

NT1 laue method

NT1 rotating crystal method

RT crystal lattices

RT crystallography

RT patterson method

RT schulz method

RT x-ray diffractometers

DIFFRACTION MODELSUF *diffraction dissociation*UF *diffraction production*

*BT1 particle models

diffraction production

USE diffraction models

diffractive dissociation

INIS: 1975-10-23; ETDE: 2002-06-13

In high-energy hadron collisions.

USE multiperipheral model

USE particle production

DIFFRACTOMETERS

BT1 measuring instruments

NT1 gamma diffractometers

NT1 neutron diffractometers

NT1 x-ray diffractometers

RT diffraction

RT diffraction gratings

DIFFUSE SCATTERING

2002-11-21

Broad diffraction spread in reciprocal space indicated by halos or streaks that appear around intense Bragg reflections.

*BT1 diffraction

RT bragg reflection

RT elastic scattering

RT electron diffraction

RT incoherent scattering

RT neutron diffraction

RT x-ray diffraction

DIFFUSE SOLAR RADIATION

INIS: 1992-07-06; ETDE: 1979-10-23

Solar radiation that has been scattered or reflected in traversal of the atmosphere.

*BT1 solar flux

*BT1 solar radiation

RT direct solar radiation

RT insolation

RT light scattering

DIFFUSER AUGMENTED TURBINES

INIS: 2000-04-12; ETDE: 1977-06-02

Horizontal axis turbines enclosed in shroud of duct to create venturi effect.

*BT1 wind turbines

RT horizontal axis turbines

DIFFUSERS

INIS: 2000-04-12; ETDE: 1977-11-29

Ducts, chambers, or sections in which a high-velocity, low-pressure stream of fluid is converted into a low-velocity, high-pressure flow.

RT baffles

RT ducts

RT fluid flow

RT mhd channels

RT pipes

DIFFUSIONUF *effusion*

NT1 ambipolar diffusion

NT1 gaseous diffusion

NT1 osmosis

NT1 self-diffusion

NT1 thermal diffusion

RT advection

RT atom transport

RT dialysis

RT donnan theory

RT fick laws

RT kirkendall effect

RT leaching

RT mass transfer

RT mean free path

RT membrane transport

RT mixing

RT particle resuspension

RT prandtl number

RT radionuclide migration

RT sinks

RT turbulence

diffusion area

USE diffusion length

DIFFUSION BARRIERS

1975-11-07

Porous barriers through which gaseous mixtures are passed for enrichment of the lighter-molecular-weight constituent of the diffusate; used as a many-stage cascade system for the separation of uranium 235 from uranium 238 in uranium hexafluoride.

SF barriers

RT gaseous diffusion plants

RT gaseous diffusion process

DIFFUSION CHAMBERS

*BT1 cloud chambers

RT aerosols

DIFFUSION COATING*The process.*UF *calorizing*UF *chromizing*UF *sherardizing*UF *siliconizing*

*BT1 surface coating

RT diffusion coatings

DIFFUSION COATINGS

BT1 coatings

RT diffusion coating

DIFFUSION EQUATIONS

INIS: 2003-07-24; ETDE: 2003-09-02

*BT1 partial differential equations

NT1 neutron diffusion equation

RT laplacian

DIFFUSION LENGTH

1999-07-20

UF *diffusion area*

*BT1 length

RT migration length

DIFFUSION MONTE CARLO METHOD

2018-03-01

*BT1 quantum monte carlo method

DIFFUSION WELDING

*BT1 welding

digallic acid

USE tannic acid

digester gas

INIS: 2000-04-12; ETDE: 1984-10-24

USE methane

DIGESTION

NT1 aerobic digestion

NT1 anaerobic digestion

NT2 biogas process

NT1 intracellular digestion

RT amylase

RT assimilation

RT chymotrypsin

RT digestive system

RT enzymes

RT gastric acid

RT ingestion

RT intestinal absorption

RT pepsin

RT physiology

RT trypsin

DIGESTIVE SYSTEM

NT1 biliary tract

NT1 esophagus

NT1 gastrointestinal tract

NT2 intestines

NT3 large intestine

NT4 rectum

NT3 small intestine

NT2 stomach

NT1 liver
 NT1 oral cavity
 NT2 teeth
 NT2 tongue
 NT1 pancreas
 NT1 pharynx
 RT anorexia
 RT digestion
 RT digestive system diseases
 RT organs

DIGESTIVE SYSTEM DISEASES

BT1 diseases
 NT1 enteritis
 NT1 hepatitis
 NT2 infectious hepatitis
 NT1 liver cirrhosis
 NT1 peritonitis
 NT1 proctitis
 RT anorexia
 RT constipation
 RT diarrhea
 RT digestive system
 RT gastrectomy
 RT hepatectomy
 RT nausea
 RT vomiting

DIGITAL CIRCUITS

UF coding circuits
 BT1 electronic circuits
 RT sequential circuits

DIGITAL COMPUTERS

1996-11-13

(CII COMPUTERS and PARAMETER COMPUTERS have been valid ETDE descriptors.)

UF cii computers
 UF data processors
 UF parameter computers
 BT1 computers
 NT1 array processors
 NT1 calculators
 NT1 fault tolerant computers
 NT1 microcomputers
 NT2 personal computers
 NT1 supercomputers

DIGITAL FILTERS

INIS: 1986-03-04; ETDE: 1977-07-23

Computational means of attenuating undesired frequencies in a set of time-dependent data.

RT array processors
 RT data processing
 RT digital frequency analysis
 RT frequency analysis
 RT image processing

DIGITAL FREQUENCY ANALYSIS

INIS: 2000-04-12; ETDE: 1977-07-23

Computational procedure for estimating frequency content for set of time-dependent data.

BT1 frequency analysis
 RT data processing
 RT digital filters
 RT mathematical operators

DIGITAL SYSTEMS

RT analog-to-digital converters
 RT computer architecture
 RT computers
 RT digital-to-analog converters
 RT electronic circuits
 RT electronic equipment
 RT time-to-digital converters

DIGITAL-TO-ANALOG CONVERTERS

UF converters (digital-analog)
 *BT1 electronic equipment
 RT analog systems
 RT digital systems

DIGITALIS

*BT1 magnoliopsida
 *BT1 medicinal plants

DIGITALIS GLYCOSIDES

2000-03-27

*BT1 cardiac glycosides
 NT1 digitoxin
 NT1 digoxin

DIGITIZERS

Devices for converting non-digital information into digits.

*BT1 signal conditioners
 NT1 cathode ray tube digitizers
 NT1 flying spot digitizers
 NT1 scanning measuring projectors
 NT1 spiral reader digitizers
 RT analog-to-digital converters
 RT bubble chambers
 RT data processing
 RT electronic equipment
 RT image scanners
 RT on-line measurement systems
 RT signal conditioning
 RT spark chambers
 RT time-to-digital converters
 RT video tapes

DIGITOXIN

*BT1 digitalis glycosides
 RT digitoxin

diglycol monoalkyl ethers

1996-06-26

(Prior to June 1996 CARBITOLS was a valid ETDE descriptor.)

USE ethers
 USE glycols
 USE organic solvents

DIGOXIN

UF lanoxin
 *BT1 digitalis glycosides
 RT digitoxin

dihexyl-n,n-diethylcarbaryl-methylenephosphonate

INIS: 2000-04-12; ETDE: 1980-06-23

USE dhdecmp

dihydroxyaromatics

USE polyphenols

dihydroxybenzene-meta

USE resorcinol

dihydroxybenzene-ortho

USE pyrocatechol

dihydroxypropionic acid

USE glyceric acid

dihydroxysuccinic acid

USE tartaric acid

diii-d

1998-08-28

USE doublet-3 device

DIHODOTHYRONINE

1983-09-06

*BT1 thyroid hormones
 RT thyronine
 RT triiodothyronine

DIHODOTYROSINE

*BT1 amino acids
 *BT1 hydroxy acids
 *BT1 organic iodine compounds
 RT tyrosine

diisoamyl methylphosphonate

USE dampa

diisopentyl methylphosphonate

USE dampa

diisopropyl ether

USE isopropyl ether

dikes

INIS: 2000-04-12; ETDE: 1980-12-08

Vertical tabular bodies of rock that fill fissures in host rock. Use the descriptor below (or geologic formations, if more appropriate). (Prior to February 1997 this was a valid ETDE descriptor.)

USE geologic structures

DILATANCY

INIS: 1999-05-14; ETDE: 1982-11-08

The increase in volume during application of differential stresses to a noncompacting material.

BT1 mechanical properties
 RT compressibility
 RT deformation
 RT rock mechanics
 RT stresses
 RT volume

DILATINOS

2013-11-07

*BT1 sparticles
 RT dilatons

DILATOMETRY

BT1 thermal analysis
 RT extensometers
 RT shrinkage
 RT thermal expansion

DILATONS

2013-10-24

*BT1 postulated particles
 RT dilatinos
 RT kaluza-klein theory
 RT string models

diluents

INIS: 1975-10-23; ETDE: 2002-06-13

USE solvents

DILUTE ALLOYS

BT1 alloys

DILUTION

RT isotope dilution
 RT solutions

dimensional compactification

INIS: 1985-10-23; ETDE: 2002-06-13

USE compactification

DIMENSIONLESS NUMBERS

INIS: 2005-06-08; ETDE: 2005-05-26

Numbers with no associated unit of measure such as grams or meters; often the ratio of two numbers with the same unit of measure.

NT1 aspect ratio
 NT1 axial ratio
 NT1 beta ratio
 NT1 branching ratio
 NT1 capture-to-fission ratio
 NT1 compression ratio
 NT1 concentration ratio
 NT1 conversion ratio

NT2 breeding ratio
 NT1 demand factors
 NT1 disadvantage factor
 NT1 dissipation factor
 NT1 fano factor
 NT1 fast fission factor
 NT1 fill factors
 NT1 fission ratio
 NT1 form factors
 NT2 dirac form factors
 NT2 electromagnetic form factors
 NT2 pauli form factors
 NT1 friction factor
 NT1 froude number
 NT1 fuel-air ratio
 NT1 grashof number
 NT1 hartmann number
 NT1 hot channel factor
 NT1 hot spot factor
 NT1 isomer ratio
 NT1 isotope ratio
 NT1 lande factor
 NT1 lewis number
 NT1 mach number
 NT1 minus-plus ratio
 NT1 mirror ratio
 NT1 mixing ratio
 NT1 moderating ratio
 NT1 moderator-fuel ratio
 NT1 multiplication factors
 NT1 nusselt number
 NT1 order parameters
 NT1 oxygen enhancement ratio
 NT1 panofsky ratio
 NT1 poisson ratio
 NT1 polarization-asymmetry ratio
 NT1 power factor
 NT1 prandtl number
 NT1 quality factor
 NT1 rayleigh number
 NT1 reynolds number
 NT2 magnetic reynolds number
 NT1 richardson number
 NT1 sex ratio
 NT1 signal-to-noise ratio
 NT1 slip ratio
 NT1 sommerfeld constant
 NT1 spectroscopic factors
 NT1 stokes number
 NT1 structure factors
 NT1 thermal fission factor
 NT1 wolfenstein parameters

DIMENSIONS

NT1 depth
 NT2 depth 1-3 km
 NT2 depth 3-6 km
 NT2 depth 6-9 km
 NT2 depth 9-12 km
 NT1 height
 NT2 scale height
 NT2 virtual height
 NT1 length
 NT2 bond lengths
 NT2 coherence length
 NT2 debye length
 NT2 diffusion length
 NT2 elementary length
 NT2 extrapolation length
 NT2 migration length
 NT2 radiation length
 NT2 scattering lengths
 NT2 slowing-down length
 NT1 thickness
 NT1 width
 RT amplitudes
 RT compactification
 RT distance
 RT shape

RT size
 RT tolerance
 RT topology
 RT volume

DIMERCAPROL

ETDE: 2005-02-01

(Prior to January 2005 BAL was used for this concept.)

UF bal (british anti-lewisite)
 UF british anti-lewisite
 UF dimercaptopropanol
 BT1 chelating agents
 *BT1 dithiols
 *BT1 radioprotective substances
 RT unithiol

dimercaptoethane

USE dithiols

dimercaptopropanol

USE dimercaprol

DIMERIZATION

*BT1 polymerization

DIMERS

NT1 pyrimidine dimers
 RT monomers
 RT polymers

dimethoxymethane

2002-06-07

USE methylal

dimethyl ether

INIS: 1976-07-30; ETDE: 2002-06-13

USE methyl ether

dimethyl ketone

USE acetone

DIMETHYL SULFIDE

1992-01-07

UF dimethylsulfide
 *BT1 organic sulfur compounds
 *BT1 sulfides

dimethyl sulfoxide

USE dmso

DIMETHYLBENZANTHRACENE

INIS: 1980-05-14; ETDE: 1979-07-18

UF dmba
 *BT1 polycyclic aromatic hydrocarbons
 RT carcinogens
 RT neoplasms

dimethylbenzenes

USE xylenes

DIMETHYLFORMAMIDE

2018-01-24

UF dmf
 *BT1 amides
 RT organic solvents

DIMETHYLGLYOXIME

*BT1 oximes
 BT1 reagents

dimethylphenols

2000-04-12

USE xylenols

dimethylpropane (2,2-)

ETDE: 2002-06-13

USE 2-2-dimethylpropane

dimethylpropionic acid

USE pivalic acid

dimethylsulfide

1992-01-07

USE dimethyl sulfide

DIMPLE REACTOR

Uncooled, variably fueled reactor. UKAEA, Winfrith, United Kingdom. Decommissioned since 2000.

UF deuterium moderated pile low energy
 *BT1 heavy water moderated reactors
 *BT1 test reactors
 *BT1 thermal reactors
 *BT1 zero power reactors

DINEUTRONS

1978-01-16

*BT1 dibaryons
 *BT1 polynutrons

dining car event

INIS: 1994-10-14; ETDE: 1975-11-11

A test made during project bedrock.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions
 USE underground explosions

dining halls

INIS: 2000-04-12; ETDE: 1981-01-09

USE restaurants

DINITROPHENOL

UF dnp

*BT1 nitro compounds
 *BT1 phenols
 RT nitrophenol

dinitrosoresorcinol

INIS: 2000-04-12; ETDE: 1981-07-18

USE nitroso compounds

DINOFLAGELLATE

INIS: 1980-09-12; ETDE: 1980-10-07

*BT1 mastigophora

DIODE-PUMPED SOLID STATE LASERS

INIS: 1996-04-17; ETDE: 1997-05-08

*BT1 solid state lasers
 RT icf devices

diode transistors

ETDE: 1975-09-11

USE transistors

DIODE TUBES

BT1 electron tubes
 NT1 thermionic diodes

diodes (semiconductor)

USE semiconductor diodes

diodrast

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE contrast media
 USE heterocyclic acids
 USE organic iodine compounds
 USE pyridines

diols

USE glycols

DIOPSIDE

INIS: 2000-04-12; ETDE: 1976-01-07

A mineral of the clinopyroxene group.

*BT1 silicate minerals

DIORIT REACTOR

Eidgenoessisches Institut fuer Reaktorforschung, Wuerenlingen, Switzerland. Decommissioned since 2019.

*BT1 heavy water cooled reactors

- *BT1 heavy water moderated reactors
- *BT1 mixed spectrum reactors
- *BT1 natural uranium reactors
- *BT1 research reactors
- *BT1 tank type reactors
- *BT1 test reactors

DIORITES

INIS: 2000-04-12; ETDE: 1980-08-12

- *BT1 plutonic rocks

DIOXANE

UF 1,4-dioxane

UF dioxyethylene ether

- *BT1 heterocyclic compounds

- *BT1 organic oxygen compounds

DIOXIN

INIS: 1987-02-25; ETDE: 1980-03-29

- *BT1 heterocyclic compounds

- *BT1 organic oxygen compounds

RT preservatives

dioxyethylene ether

USE dioxane

DIP COATING

- *BT1 surface coating

NT1 hot dipping

RT dipped coatings

dip logging

INIS: 2000-04-12; ETDE: 1976-08-25

USE dipmeter logging

dipentyl sulfoxide

USE dpso

diphenyl ketone

USE benzophenone

diphenylacetylene

2017-04-21

USE tolan

diphenylcarbazides

USE dpca

diphenylcarbazones

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE carbazones

diphenylcarbinol

USE benzhydrol

diphenylethane (1,2-)

ETDE: 2002-06-13

USE bibenzyl

diphenylglycolic acid

USE benzoic acid

diphenylmethanol

USE benzhydrol

diphenylphosphine oxide

USE organic phosphorus compounds

diphenylpicrylhydrazyl

USE dpqh

diphenylthiocarbazon

USE dithizone

diphosphodihydropyridine nucleotide

INIS: 1995-02-16; ETDE: 1976-05-17

USE nadh2

DIPHThERIA

- *BT1 bacterial diseases

diplococcus pneumoniae

USE pneumococcus

DIPLOIDY

BT1 ploidy

DIPMETER LOGGING

INIS: 2000-04-12; ETDE: 1976-08-24

UF dip logging

BT1 well logging

DIPOLE MOMENTS

NT1 electric dipole moments

NT1 magnetic dipole moments

RT dipoles

DIPOLES

BT1 multipoles

NT1 electric dipoles

NT1 magnetic dipoles

RT dipole moments

RT polar compounds

RT relaxation losses

DIPPED COATINGS

BT1 coatings

RT dip coating

DIPROTONS

- *BT1 dibaryons

- *BT1 protons

RT helium 2

DIPTERA

INIS: 1993-07-14; ETDE: 1981-06-16

- *BT1 insects

NT1 flies

NT2 fruit flies

NT3 anastrepha

NT3 ceratitis capitata

NT3 dacus

NT4 dacus oleae

NT3 drosophila

NT2 glossina

NT2 hylemya antiqua

NT2 screwworm fly

NT1 mosquitoes

DIPYRIDAMOLE

INIS: 1992-08-06; ETDE: 1992-09-10

- *BT1 piperidines

- *BT1 vasodilators

DIRAC APPROXIMATION

- *BT1 approximations

RT quantum mechanics

DIRAC COSMOLOGY

BT1 cosmology

dirac delta function

USE delta function

DIRAC EQUATION

- *BT1 field equations

- *BT1 wave equations

NT1 dirac spinors

RT dirac operators

RT electrons

RT foldy-wouthuysen transform

RT joos-weinberg equation

RT majorana equation

RT quantum electrodynamics

RT schroedinger equation

RT special relativity theory

DIRAC FORM FACTORS

- *BT1 form factors

DIRAC-HESTENES EQUATION

- *BT1 differential equations

dirac matrices

USE dirac operators

dirac monopoles

USE magnetic monopoles

DIRAC OPERATORS

UF dirac matrices

- *BT1 quantum operators

RT dirac equation

RT quantum electrodynamics

DIRAC SPINORS

2016-05-10

- *BT1 dirac equation

BT1 spinors

DIRECT COLLECTION CONVERTERS

UF radioelectric cells

BT1 direct energy converters

NT1 betavoltaic cells

RT radioisotope batteries

DIRECT CONTACT HEAT EXCHANGERS

INIS: 2000-04-12; ETDE: 1977-12-22

BT1 heat exchangers

DIRECT CURRENT

UF current (direct)

- *BT1 electric currents

RT homopolar generators

DIRECT CYCLE COOLING SYSTEMS

- *BT1 reactor cooling systems

DIRECT DRIVE ICF

1999-09-15

Inertial confinement fusion in which the driver energy is directly absorbed by the target capsule.

RT direct drive laser implosion

RT inertial confinement

DIRECT DRIVE LASER IMPLOSION

INIS: 1995-07-21; ETDE: 1992-06-11

Laser implosion where the driver energy is directly absorbed by the target capsule.

- *BT1 laser implosions

RT direct drive icf

RT indirect drive laser implosion

RT inertial fusion drivers

RT laser fusion reactors

RT laser-produced plasma

RT laser-radiation heating

RT laser targets

RT pulsed fusion reactors

DIRECT ENERGY CONVERSION

- *BT1 energy conversion

NT1 photovoltaic conversion

NT1 thermionic conversion

NT1 thermoelectric conversion

NT1 thermomagnetic conversion

NT1 thermophotovoltaic conversion

RT direct energy converters

RT electrohydrodynamics

RT magnetohydrodynamics

DIRECT ENERGY CONVERTERS

NT1 direct collection converters

NT2 betavoltaic cells

NT1 efd wind generators

NT1 ehd generators

NT1 ferroelectric converters

NT1 fuel cells

NT2 acid electrolyte fuel cells

NT2 alcohol fuel cells

NT3 direct ethanol fuel cells

NT3 direct methanol fuel cells

NT2 alkaline electrolyte fuel cells
 NT2 ammonia fuel cells
 NT2 biochemical fuel cells
 NT2 coal fuel cells
 NT2 formaldehyde fuel cells
 NT2 formate fuel cells
 NT2 formic acid fuel cells
 NT2 high-temperature fuel cells
 NT3 molten carbonate fuel cells
 NT3 solid oxide fuel cells
 NT2 hydrazine fuel cells
 NT2 hydrocarbon fuel cells
 NT2 hydrogen fuel cells
 NT2 natural gas fuel cells
 NT2 regenerative fuel cells
 NT3 redox fuel cells
 NT2 solid electrolyte fuel cells
 NT3 proton exchange membrane fuel cells
 NT3 solid oxide fuel cells
 NT1 mhd generators
 NT2 closed-cycle mhd generators
 NT3 liquid-metal mhd generators
 NT2 coal-fired mhd generators
 NT3 mhd generator cdif
 NT3 mhd generator cfff
 NT3 mhd generator etf
 NT3 mhd generator utsi
 NT2 disk mhd generators
 NT2 mhd generator aedc
 NT2 mhd generator aerl mark vi
 NT2 mhd generator aerl mark vii
 NT2 mhd generator u-02
 NT2 mhd generator u-25
 NT2 open-cycle mhd generators
 NT2 pulsed mhd generators
 NT1 photoelectric cells
 NT2 photoconductive cells
 NT2 photovoltaic cells
 NT3 solar cells
 NT4 aluminium arsenide solar cells
 NT4 back contact solar cells
 NT4 cadmium arsenide solar cells
 NT4 cadmium selenide solar cells
 NT4 cadmium sulfide solar cells
 NT4 cadmium telluride solar cells
 NT4 cascade solar cells
 NT4 concentrator solar cells
 NT4 copper oxide solar cells
 NT4 copper selenide solar cells
 NT4 copper sulfide solar cells
 NT4 gallium arsenide solar cells
 NT4 gallium phosphide solar cells
 NT4 indium phosphide solar cells
 NT4 indium selenide solar cells
 NT4 mi solar cells
 NT4 mis solar cells
 NT4 mos solar cells
 NT4 ms solar cells
 NT4 organic solar cells
 NT4 pis solar cells
 NT4 ps solar cells
 NT4 schottky barrier solar cells
 NT4 selenium solar cells
 NT4 silicon arsenide solar cells
 NT4 silicon solar cells
 NT5 soc solar cells
 NT4 zinc phosphide solar cells
 NT4 zinc sulfide solar cells
 NT1 radioisotope batteries
 NT2 snap batteries
 NT3 snap 19 battery
 NT3 snap 27 battery
 NT3 snap 9 battery
 NT1 thermionic converters
 NT1 thermoelectric generators
 NT1 thermoelectric heaters
 NT1 thermoelectric refrigerators
 NT1 thermophotovoltaic converters

RT direct energy conversion
 RT power supplies

DIRECT ETHANOL FUEL CELLS

2006-08-30

*BT1 alcohol fuel cells

DIRECT GAIN SYSTEMS

INIS: 2000-04-12; ETDE: 1980-09-04

(Prior to September 1980 HEAT GAIN was used to index this concept in ETDE.)

*BT1 passive solar heating systems

RT heat gain

DIRECT INJECTION ENGINES

2004-08-26

*BT1 internal combustion engines

DIRECT METHANOL FUEL CELLS

INIS: 2000-04-12; ETDE: 1999-09-09

*BT1 alcohol fuel cells

RT proton exchange membrane fuel cells

DIRECT REACTIONS

BT1 nuclear reactions

NT1 knock-on reactions

NT1 knock-out reactions

NT1 quasi-free reactions

 NT2 quasi-elastic scattering

NT1 transfer reactions

 NT2 multi-nucleon transfer reactions

 NT3 four-nucleon transfer reactions

 NT4 alpha-transfer reactions

 NT3 many-nucleon transfer reactions

 NT3 three-nucleon transfer reactions

 NT3 two-nucleon transfer reactions

 NT2 one-nucleon transfer reactions

 NT2 pickup reactions

 NT2 stripping

RT oppenheimer-phillips process

DIRECT SOLAR RADIATION

INIS: 1997-06-19; ETDE: 1979-10-23

Solar radiation that has not been scattered or reflected in traversal of the atmosphere.

*BT1 solar flux

*BT1 solar radiation

RT diffuse solar radiation

RT insolation

RT solar access

DIRECTED-ENERGY WEAPONS

INIS: 2000-04-12; ETDE: 1981-08-21

UF particle-beam weapons

BT1 weapons

NT1 laser weapons

RT ballistic missile defense

RT charged particles

RT particle beams

RT space weapons

directional correlation

USE angular correlation

DIRECTIONAL DRILLING

INIS: 1992-07-06; ETDE: 1977-04-12

Drilling at a deviated angle. The drilling usually starts out vertically and is then deflected gradually.

BT1 drilling

RT enhanced recovery

RT geothermal wells

RT well drilling

DIRECTIONAL RADIATION DETECTORS

*BT1 radiation detectors

DIRECTORIES

INIS: 1999-03-02; ETDE: 1978-10-23

(Until March 1999 this concept was indexed by INDEXES.)

BT1 document types

RT catalogs

RT indexes

DIRICHLET PROBLEM

BT1 boundary-value problems

RT differential equations

RT partial differential equations

dirigibles

INIS: 2000-04-12; ETDE: 1980-01-15

(Prior to March 1996 AIRSHIPS was used for this concept in ETDE.)

USE aircraft

dirty bombs

2009-09-08

USE radiological dispersal devices

DISACCHARIDES

1996-06-28

(Prior to July 1996 MELIBIOSE was a valid ETDE descriptor.)

UF melibiose

*BT1 oligosaccharides

NT1 cellobiose

NT1 lactose

NT1 maltose

NT1 saccharose

DISADVANTAGE FACTOR

BT1 dimensionless numbers

RT multiplication factors

RT neutron flux

disarmament

INIS: 1992-01-30; ETDE: 1985-08-09

SEE arms control

SEE nuclear disarmament

disaster (exceptional natural)

INIS: 1985-12-10; ETDE: 2002-01-30

USE exceptional natural disaster

disasters

INIS: 2000-03-27; ETDE: 1978-06-14

Large-scale drought, glacier movement, floods, fires, storms, etc.

(Prior to March 1996 this was a valid ETDE descriptor.)

SEE accidents

SEE natural disasters

disbursements

INIS: 2000-04-12; ETDE: 1983-05-21

Funds paid out, payments in settlement, or expenditures from a fund.

(Prior to September 1994, this was a valid ETDE descriptor.)

SEE administrative procedures

SEE financing

DISCALOY

2000-04-12

*BT1 aluminium additions

*BT1 carbon additions

*BT1 chromium alloys

*BT1 iron base alloys

*BT1 manganese additions

*BT1 molybdenum alloys

*BT1 nickel alloys

*BT1 silicon additions

*BT1 titanium alloys

DISCHARGE CANALS

2000-04-12

RT auxiliary water systems

RT cooling systems

DISCHARGE QUENCHING

1996-04-16

The stifling of a discharge by suddenly applying a load to lower its thermal energy.

UF quenching (discharge)

RT electric discharges

RT thermonuclear devices

discharges (electric)

USE electric discharges

discharges (ionization)

USE ionization

discharges (wastes)

USE waste disposal

discharging (fission reactor)

1982-11-29

USE reactor fueling

discount rate

INIS: 2000-04-12; ETDE: 1978-06-14

USE interest rate

DISCRETE ORDINATE METHOD

UF carlson method

UF discrete ordinates

UF sn method

BT1 calculation methods

RT neutron transport theory

RT transport theory

discrete ordinates

ETDE: 1978-05-01

USE discrete ordinate method

DISCRIMINATORS

BT1 electronic circuits

NT1 pulse discriminators

RT timing circuits

disease free period

INIS: 1985-03-19; ETDE: 1985-04-09

The time between disease treatment and recurrence of symptoms.

USE latency period

DISEASE INCIDENCE

INIS: 1985-01-18; ETDE: 1981-06-16

UF morbidity

RT disease resistance

RT diseases

RT epidemiology

RT plant diseases

DISEASE RESISTANCE

RT disease incidence

RT diseases

RT epidemiology

RT immunity

RT mutants

RT plant breeding

RT plant diseases

DISEASE VECTORS

RT diseases

RT glossina

RT insects

RT mites

RT parasites

RT pathogens

RT rodents

RT snails

DISEASES*Limited to diseases of man and animals; see also PLANT DISEASES.*

NT1 cardiovascular diseases

NT2 gas bubble disease

NT2 myocardial infarction

NT2 thrombosis

NT2 vascular diseases

NT3 arteriosclerosis

NT3 hypertension

NT3 ischemia

NT3 nephrosclerosis

NT3 telangiectasis

NT3 thrombosis

NT1 congenital diseases

NT2 downs syndrome

NT1 digestive system diseases

NT2 enteritis

NT2 hepatitis

NT3 infectious hepatitis

NT2 liver cirrhosis

NT2 peritonitis

NT2 proctitis

NT1 endocrine diseases

NT2 acromegaly

NT2 cushing syndrome

NT2 diabetes mellitus

NT2 goiter

NT2 hyperparathyroidism

NT2 hyperthyroidism

NT2 hypothyroidism

NT2 thyroiditis

NT1 hemic diseases

NT2 anemias

NT3 ischemia

NT3 megaloblastic anemia

NT3 sickle cell anemia

NT3 thalassemia

NT2 hemophilia

NT2 leukopenia

NT3 lymphopenia

NT2 polycythemia

NT2 purpura

NT1 hereditary diseases

NT2 downs syndrome

NT2 hemophilia

NT1 immune system diseases

NT2 aids

NT2 leukemia

NT3 myeloid leukemia

NT2 leukopenia

NT3 lymphopenia

NT2 lupus

NT2 lymphomas

NT3 hodgkins disease

NT3 lymphosarcomas

NT1 infectious diseases

NT2 bacterial diseases

NT3 cholera

NT3 diphtheria

NT3 gonorrhea

NT3 leprosy

NT3 syphilis

NT3 tetanus

NT3 tuberculosis

NT3 typhoid

NT2 fungal diseases

NT3 mycoses

NT3 tinea

NT2 parasitic diseases

NT3 fascioliasis

NT3 filariasis

NT3 hydatidosis

NT3 malaria

NT3 schistosomiasis

NT3 trichinosis

NT3 trypanosomiasis

NT2 rickettsial diseases

NT3 typhus

NT2 viral diseases

NT3 aids

NT3 herpes simplex

NT3 herpes zoster

NT3 infectious hepatitis

NT3 influenza

NT3 measles

NT3 newcastle disease

NT3 poliomyelitis

NT3 rabies

NT1 injuries

NT2 bone fractures

NT2 burns

NT3 flash burns

NT3 radiation burns

NT2 radiation injuries

NT3 osteoradionecrosis

NT3 radiation burns

NT3 radiodermatitis

NT2 wounds

NT1 metabolic diseases

NT2 diabetes mellitus

NT2 rickets

NT1 neoplasms

NT2 carcinomas

NT3 adenomas

NT3 angiomas

NT3 epitheliomas

NT4 melanomas

NT3 hepatomas

NT2 experimental neoplasms

NT3 ehrlich ascites tumor

NT2 gliomas

NT3 astrocytomas

NT2 granulomas

NT2 leukemia

NT3 myeloid leukemia

NT2 lymphomas

NT3 hodgkins disease

NT3 lymphosarcomas

NT2 sarcomas

NT3 fibrosarcomas

NT3 lymphosarcomas

NT3 myosarcomas

NT4 rhabdomyosarcomas

NT3 osteosarcomas

NT1 nervous system diseases

NT2 encephalitis

NT3 rabies

NT2 epilepsy

NT2 gliomas

NT3 astrocytomas

NT2 herpes zoster

NT2 myelitis

NT3 poliomyelitis

NT1 occupational diseases

NT1 respiratory system diseases

NT2 asthma

NT2 bronchitis

NT2 emphysema

NT2 pneumoconioses

NT3 berylliosis

NT2 pneumonia

NT3 bronchopneumonia

NT1 rheumatic diseases

NT2 spondylitis

NT1 sense organs diseases

NT2 cataracts

NT2 conjunctivitis

NT1 skeletal diseases

NT2 osteomyelitis

NT2 osteoporosis

NT2 osteoradionecrosis

NT2 osteosarcomas

NT2 rickets

NT2 spondylitis

NT1 skin diseases

NT2 dermatitis

NT3 radiodermatitis

NT2 eczema

NT2 herpes simplex

NT2 psoriasis

NT2 telangiectasis

NT1 urogenital system diseases

NT2 gonorrhea

NT2 menstruation disorders

NT2 nephritis
NT2 nephrosclerosis
NT2 reproductive disorders
NT2 uremia
RT disease incidence
RT disease resistance
RT disease vectors
RT epidemiology
RT etiology
RT medicine
RT pathogenesis
RT pathogens
RT pathological changes
RT pathology
RT quarantine
RT symptoms

DISHWASHERS

INIS: 1993-07-29; ETDE: 1977-01-28

***BT1** electric appliances
RT cleaning
RT washing

DISINFECTANTS

INIS: 1997-06-17; ETDE: 1975-10-01

BT1 germicides
RT antiseptics
RT bacteria
RT drugs
RT infectivity
RT pesticides

disinfection

INIS: 1975-12-19; ETDE: 2002-06-13

USE sterilization

DISINFESTATION

NT1 grain disinfection
NT1 radiodisinfection
RT pesticides
RT preservation
RT sterilization

disintegration (biological)

USE decomposition

disintegration (chemical)

USE decomposition

disintegration (fission)

USE fission

disintegration (nuclear particles)

1993-11-05

SEE annihilation
 SEE particle decay

disintegration (nuclear)

USE decay

DISK MHD GENERATORS

INIS: 1993-02-19; ETDE: 1979-05-03

UF radial flow mhd generators
***BT1** mhd generators

disks (accretion)

INIS: 1984-04-04; ETDE: 2002-06-13

USE accretion disks

disks (intervertebral)

INIS: 1984-04-04; ETDE: 2002-06-13

USE cartilage
 USE vertebrae

disks (magnetic)

USE magnetic disks

DISLOCATION PINNING

RT cold working
RT dislocations
RT grain boundaries

DISLOCATIONS

SF frank-read source
***BT1** line defects
NT1 edge dislocations
NT1 screw dislocations
RT bordoni peak
RT burgers vector
RT dislocation pinning
RT kikuchi lines
RT peierls-nabarro force
RT slip
RT stacking faults
RT superdislocations

dismantlement (nuclear weapons)

1994-09-30

USE nuclear weapons dismantlement

dismantling (fission reactor)

INIS: 1982-11-30; ETDE: 2002-06-13

USE reactor dismantling

dismantling (fuel assembly)

USE fuel assembly dismantling

dismantling (reactor)

2000-04-12

USE reactor dismantling

dispersal (insect)

USE insect dispersal

dispersants (chemical)

INIS: 2000-04-12; ETDE: 1979-07-24

USE surfactants

disperse systems

USE dispersions

DISPERSED STORAGE AND GENERATION

INIS: 1999-05-13; ETDE: 1980-03-04

RT electric power
RT electric utilities
RT energy storage
RT load management
RT on-site power generation
RT power generation
RT power systems

DISPERSION HARDENING

BT1 hardening

DISPERSION NUCLEAR FUELS

A dispersion of nuclear fuel particles in a solid.

***BT1** nuclear fuels
***BT1** solid fuels
RT fuel dispersion reactors
RT fuel particles

DISPERSION RELATIONS

For dispersion of light use OPTICAL DISPERSION.

UF dispersion theory
UF fraser-fulco method
SF khuri representation
RT bifurcation
RT cdd poles
RT mandelstam representation
RT n-d method
RT partial waves
RT plasma instability
RT plasma waves
RT quantum field theory
RT scattering
RT scattering amplitudes
RT spectral functions

dispersion theory

USE dispersion relations

DISPERSIONS

For the state of aggregation in materials; if related to wave phenomena see DISPERSION RELATIONS or OPTICAL DISPERSION.

UF disperse systems

NT1 colloids
NT2 agar
NT2 alginic acid
NT2 emulsions
NT3 microemulsions
NT3 photographic emulsions
NT2 foams
NT3 plastic foams
NT3 urea-formaldehyde foams
NT2 gelatin
NT2 gels
NT3 hydrogels
NT3 hydrophilic polymers
NT2 radiocolloids
NT3 thorotrast
NT2 sols
NT3 aerosols
NT4 radioactive aerosols
NT4 smokes
NT5 tobacco smokes

NT1 mixtures

NT2 binary mixtures

NT2 homogeneous mixtures

NT3 solutions

NT4 aqueous solutions

NT4 fuel solutions

NT4 hypertonic solutions

NT4 isotonic solutions

NT4 leachates

NT4 process solutions

NT4 solid solutions

NT2 mixed solvents

NT2 slurries

NT3 fuel slurries

NT1 suspensions

NT2 nanofluids

NT2 slurries

NT3 fuel slurries

NT1 td-nickel

NT1 td-nickel chromium

RT dusts

RT elutriation

RT gases

RT liquids

RT microspheres

RT particle resuspension

RT particle size

RT particles

RT particulates

RT solids

RT sprays

RT total suspended particulates

dispersive ion waves

USE ion plasma waves

DISPLACEMENT FLUIDS

INIS: 1992-02-03; ETDE: 1983-11-09

UF flooding fluids

UF injection fluids

BT1 fluids

RT enhanced recovery

RT fluid injection

RT well stimulation

DISPLACEMENT GAGES

UF position indicators

BT1 measuring instruments

displacement rates

INIS: 2000-04-12; ETDE: 1979-09-26

(Prior to February 1997 this was a valid ETDE descriptor.)

SEE atomic displacements

SEE fluid flow

SEE ground motion
SEE seismology

DISPLACEMENT VENTILATION

2004-05-28

Ventilation technique in which fresh air is introduced at floor level and used air is extracted at ceiling level on the opposite side of the room, or vice versa.

BT1 ventilation
RT natural convection
RT ventilation systems

displacements (atomic)

INIS: 1982-11-29; ETDE: 2002-06-13

USE atomic displacements

displacements (seismic)

INIS: 1982-11-29; ETDE: 2002-06-13

USE ground motion

DISPLAY DEVICES

UF data display devices
UF data display systems
*BT1 computer-graphics devices
NT1 interactive display devices
RT cathode ray tubes
RT computer graphics
RT consoles
RT control rooms
RT electronic equipment
RT image tubes
RT images
RT man-machine systems
RT pattern recognition
RT plotters
RT semiconductor devices

disposable income

INIS: 2000-04-12; ETDE: 1981-03-17

(Prior to September 1994, this was a valid ETDE descriptor.)

USE income

disposal (wastes)

USE waste disposal

DISPOSAL WELLS

INIS: 1992-03-25; ETDE: 1984-05-23

BT1 wells
RT brines
RT radioactive waste disposal
RT underground disposal

disproportionation

USE oxidation
USE reduction

DISPUTE SETTLEMENTS

INIS: 1976-12-08; ETDE: 1993-11-01

(From March 1981 till March 1997

MEDIATION was a valid ETDE descriptor.)

UF settlements (disputes)
SF mediation
RT arbitration
RT courts
RT hearings
RT lawsuits

DISSIPATION FACTOR

BT1 dimensionless numbers
RT energy losses
RT heat losses

DISSOCIATING GASES

INIS: 1985-12-10; ETDE: 1976-03-11

*BT1 gases
RT dissociation

DISSOCIATION

NT1 predissociation
RT decomposition

RT dissociating gases
RT dissociation energy
RT dissociation heat
RT electrolysis
RT electrolytes
RT ionization
RT photolysis
RT pyrolysis
RT radiolysis
RT reaction kinetics

DISSOCIATION ENERGY

For the bond property only; for the reaction property see DISSOCIATION HEAT.

UF energy of dissociation
BT1 energy
RT dissociation
RT formation heat
RT molecular structure

DISSOCIATION HEAT

UF heat of dissociation
*BT1 reaction heat
RT dissociation
RT formation heat
RT thermochemical heat storage

DISSOLUTION

NT1 leaching
NT2 microbial leaching
RT dissolvers
RT fractionation
RT solubility
RT solutes
RT solutions
RT solvent extraction
RT solvent properties
RT solvents

DISSOLVED GASES

INIS: 1983-10-14; ETDE: 1980-09-22

UF dissolved oxygen
*BT1 gases
BT1 solutes
RT anaerobic conditions
RT biochemical oxygen demand
RT deaerators
RT partial pressure
RT water chemistry
RT water pollution
RT water treatment

dissolved materials

INIS: 2000-04-12; ETDE: 1982-03-10

USE solutes

dissolved oxygen

INIS: 2000-04-12; ETDE: 1980-09-22

USE dissolved gases
USE oxygen

dissolved solids

INIS: 1986-05-23; ETDE: 2002-06-13

USE solutes

DISSOLVERS

INIS: 1993-03-24; ETDE: 1976-01-23

BT1 equipment
RT dissolution

DISTANCE

NT1 elementary length
NT1 interaction range
NT1 interatomic distances
RT automation
RT dimensions
RT manipulators
RT radiation protection
RT range
RT remote handling
RT shielding
RT thickness

distillate fuel

INIS: 2000-04-12; ETDE: 1976-03-11

USE heating oils

distillate fuel oil

INIS: 2000-04-12; ETDE: 1976-03-11

USE heating oils

DISTILLATES

2000-04-12

NT1 naphtha
NT2 ligroin
NT1 petroleum distillates
NT2 gas oils
NT3 diesel fuels
NT3 fuel oils
NT4 heating oils
NT4 residual fuels
NT3 kerosene
RT distillation
RT oils
RT vapors

DISTILLATION

1999-07-13

BT1 separation processes
NT1 destructive distillation
NT1 solar distillation
NT1 vacuum distillation
RT azeotrope
RT chloride volatility process
RT demineralization
RT desalination
RT distillates
RT distillation equipment
RT evaporation
RT evaporators
RT flash heating
RT fluoride volatility process
RT fractionation
RT petroleum
RT petroleum refineries
RT stillage
RT volatility

DISTILLATION EQUIPMENT

INIS: 2000-07-11; ETDE: 1976-09-28

BT1 equipment
NT1 retorts
RT distillation
RT petroleum refineries

DISTILLERS DRIED GRAINS

INIS: 2000-04-12; ETDE: 1981-08-04

Residue produced by drying the solid portion of the mash obtained after alcoholic fermentation prior to distillation.

UF ddg
RT animal feeds
RT by-products
RT fermentation
RT stillage

distorted wave born approximation

USE dwba

DISTORTED WAVE THEORY

RT dwba
RT nuclear reaction kinetics

DISTRIBUTED COLLECTOR**POWER PLANTS**

INIS: 1992-03-11; ETDE: 1978-09-11

*BT1 solar thermal power plants
RT msstf

DISTRIBUTED DATA PROCESSING

INIS: 1992-03-12; ETDE: 1980-10-27

*BT1 data processing
RT information systems

DISTRIBUTED STRUCTURES

2004-09-03

Coordinate with relevant descriptor(s) for what is distributed, e.g. THERMAL POWER PLANTS, WASTE PROCESSING PLANTS, HOSPITALS.

RT buildings
RT computer architecture
RT energy facilities
RT modular structures
RT nuclear facilities
RT test facilities

DISTRIBUTION

1996-03-04

For energy distribution use ENERGY SPECTRA.

UF inclusive distribution
UF kurtosis
UF skewness
NT1 angular distribution
NT1 spatial distribution
NT2 mass distribution
NT1 subcellular distribution
NT1 tissue distribution
RT allocations
RT anisotropy
RT asymmetry
RT boltzmann statistics
RT gauss function
RT gaussian processes
RT isotropy
RT particle kinematics
RT symmetry

distribution constants

ETDE: 2002-06-13

USE distribution functions

distribution factor (rad doses)

USE spatial dose distributions

DISTRIBUTION FUNCTIONS

UF distribution constants
UF residence time distribution
BT1 functions
RT ion exchange
RT ion exchange chromatography
RT plasma
RT solvent extraction
RT tail electrons
RT tail ions

DISTRICT COOLING

INIS: 1993-01-15; ETDE: 1975-11-11

BT1 cooling
RT central heating plants

DISTRICT HEATING

BT1 heating
NT1 geothermal district heating
NT1 solar district heating
RT boilers
RT central heating plants
RT cogeneration
RT dual-purpose power plants
RT geothermal heating systems
RT heat distribution systems
RT heat islands
RT heat transfer
RT heating systems
RT hot water
RT slowpoke-wmre reactor
RT space heating
RT steam
RT steam generation plants
RT thermal power plants
RT thermal transmission ices
RT waste heat

district of columbia

ETDE: 1978-09-11

USE washington dc

DISTURBANCES

UF ionospheric effects
UF perturbations
NT1 ionospheric storms
NT2 sudden ionospheric disturbance
NT2 travelling ionospheric disturbance
RT magnetic bays
RT magnetic storms
RT oscillations
RT pulsations
RT variations

DISULFIDES

*BT1 organic sulfur compounds
NT1 cystine
NT1 thioctic acid

disused mineshafts

INIS: 2000-04-12; ETDE: 1978-05-01

USE abandoned shafts

DITE TOKAMAK

INIS: 1981-07-06; ETDE: 1981-08-04

*BT1 tokamak devices

DITHIOLS

UF 1,2-ethanedithiol
UF dimercaptoethane
BT1 reagents
*BT1 thiols
NT1 dimercaprol
NT1 unithiol

DITHIZONE

UF diphenylthiocarbazone
*BT1 carbazones
BT1 chelating agents
*BT1 organic sulfur compounds
BT1 reagents

DIURETICS

1996-07-18

(Prior to March 1997 CHLOROTHIAZIDE was a valid ETDE descriptor.)

UF chlorothiazide
BT1 drugs
NT1 neohydrin
NT1 sorbitol
NT1 theobromine
NT1 theophylline
RT antihypertensive agents
RT edema
RT kidneys
RT urine
RT urogenital system diseases

diurnal variation

USE daily variations

diva tokamak

INIS: 1981-09-17; ETDE: 1981-08-04

USE jft-2a tokamak

divergences (infrared)

USE infrared divergences

divergences (ultraviolet)

USE ultraviolet divergences

DIVERSIFICATION

INIS: 2000-01-13; ETDE: 1980-03-29

RT economy
RT investment
RT technology impacts

DIVERTORS

1995-11-21

NT1 bundle divertors

NT1 ergodic divertors
NT1 poloidal field divertors
NT1 toroidal field divertors
RT exhaust systems
RT h-mode plasma confinement
RT magnetic field configurations
RT magnetic surfaces
RT plasma impurities
RT stellarators

DIVING OPERATIONS

INIS: 1993-03-25; ETDE: 1976-03-11

BT1 underwater operations
RT life support systems
RT offshore operations
RT underwater facilities

DIVINYLBENZENE

INIS: 1982-06-09; ETDE: 1979-07-18

*BT1 aromatics

djakarta irt-2000 reactor

USE irt-2000 djakarta reactor

DJALMAITE

2000-04-12

*BT1 uranium minerals

DJIBOUTI

INIS: 1992-05-07; ETDE: 1981-01-30

Formerly AFARS AND ISSAS. Material published before 1981 would be so indexed.

UF afars and issas
BT1 africa
BT1 arab countries

dlts

INIS: 1999-06-23; ETDE: 1983-04-28

USE deep level transient spectroscopy

dmba

INIS: 1980-05-14; ETDE: 1979-07-18

USE dimethylbenzantracene

DME

UF 1,2-dimethoxyethane
*BT1 ethers
RT organic solvents

dmf

2018-01-24

USE dimethylformamide

DMSO

UF dimethyl sulfoxide
*BT1 sulfoxides

DMTR REACTOR

Decommissioned since 2015.

UF downreay materials testing reactor
*BT1 enriched uranium reactors
*BT1 heavy water cooled reactors
*BT1 heavy water moderated reactors
*BT1 isotope production reactors
*BT1 materials testing reactors
*BT1 research reactors
*BT1 tank type reactors
*BT1 thermal reactors

DNA

1997-06-17

UF deoxypentose nucleic acid
UF deoxyribonucleic acid
UF desoxyribonucleic acid
*BT1 nucleic acids
NT1 contigs
NT1 oligonucleotides
NT1 recombinant dna
RT chromosomes
RT dna adducts
RT dna-ase
RT dna-cloning

RT dna polymerases
 RT dna repair
 RT dna replication
 RT dna sequencing
 RT exons
 RT feulgen method
 RT gene operons
 RT genetic engineering
 RT helical configuration
 RT host-cell reactivation
 RT human chromosomes
 RT in-situ hybridization
 RT introns
 RT nucleosomes
 RT strand breaks

DNA ADDUCTS

INIS: 1984-04-04; ETDE: 1983-11-09

BT1 adducts
 RT carcinogenesis
 RT carcinogens
 RT chemical bonds
 RT dna
 RT metabolism
 RT mutagenesis
 RT mutagens
 RT radiomimetic drugs

DNA-ASE

Code number 3.1.4.5.

UF deoxyribonuclease
 UF nuclease (deoxyribonuclease)
 *BT1 nucleases
 NT1 endonucleases
 RT dna
 RT nucleoproteins

DNA BASE TRANSITIONS

INIS: 2000-04-12; ETDE: 1987-12-17

Changes in the genetic message of an organism by substitution of (usually) one nucleotide for another.

RT dna repair
 RT mutations

DNA-CLONING

INIS: 1997-06-17; ETDE: 1977-11-10

BT1 cloning
 *BT1 dna hybridization
 RT cosmids
 RT dna
 RT dna replication
 RT oligonucleotides
 RT polymerase chain reaction
 RT transposons

DNA DAMAGES

INIS: 1998-02-16; ETDE: 1999-08-24

NT1 strand breaks
 RT chromosomal aberrations
 RT dna repair
 RT dna replication
 RT radiation injuries

DNA HELICASES

INIS: 1993-08-16; ETDE: 1984-06-29

An enzyme that unwinds segments of damaged DNA in preparation for DNA repair.

*BT1 enzymes
 RT dna repair

DNA HYBRIDIZATION

INIS: 2000-01-11; ETDE: 1988-10-27

BT1 hybridization
 *BT1 nucleic acid hybridization
 NT1 dna-cloning
 RT genetic mapping
 RT hybridomas
 RT in-situ hybridization
 RT messenger-rna
 RT oligonucleotides

RT recombinant dna

DNA METHYLASES

INIS: 1993-08-16; ETDE: 1988-04-15

*BT1 lyases
 RT endonucleases
 RT methyl transferases
 RT nucleoproteins

DNA MISMATCH

INIS: 2000-04-12; ETDE: 1984-06-29

DNA containing mismatched base pairs can be formed as a result of DNA exchange between non-identical sequences or as a result of errors in DNA replication.

RT dna replication
 RT gene recombination
 RT mutations

DNA POLYMERASES

INIS: 1984-06-21; ETDE: 1984-01-27

*BT1 polymerases
 RT biological repair
 RT dna
 RT dna repair
 RT dna replication
 RT nucleoproteins
 RT rna polymerases
 RT transcription

DNA REPAIR

INIS: 1998-02-16; ETDE: 1984-05-09

UF dark repair
 *BT1 biological repair
 NT1 excision repair
 RT chromosomes
 RT dna
 RT dna base transitions
 RT dna damages
 RT dna helicases
 RT dna polymerases
 RT endonucleases
 RT gene recombination proteins
 RT human chromosomes
 RT methyl transferases
 RT pyrimidine dimers
 RT strand breaks

DNA REPLICATION

1998-02-16

BT1 nucleic acid replication
 RT cell cycle
 RT dna
 RT dna-cloning
 RT dna damages
 RT dna mismatch
 RT dna polymerases
 RT telomeres
 RT transcription

DNA SEQUENCERS

1994-02-28

*BT1 laboratory equipment
 RT automation
 RT dna sequencing
 RT measuring instruments

DNA SEQUENCING

INIS: 1984-12-04; ETDE: 1984-01-27

The chemical determination of the sequence of the nucleotides in a strand of DNA.

BT1 structural chemical analysis
 RT dna
 RT dna sequencers
 RT molecular biology
 RT molecular structure
 RT nucleotides

DNAPL

2014-03-28

*BT1 liquids
 RT pollution

dnb

USE departure nucleate boiling

dnepr river

INIS: 1992-05-13; ETDE: 2002-06-13

USE dneper river

DNIEPER RIVER

INIS: 1992-05-13; ETDE: 1992-06-22

UF dnepr river
 *BT1 rivers
 RT black sea
 RT pripet river
 RT ukraine

dnp

USE dinitrophenol

doca

1996-10-23

Desoxycorticosterone acetate.

(Until October 1996 this was a valid descriptor.)

USE mineralocorticoids

document destruction

INIS: 2000-04-12; ETDE: 1983-03-23

(Prior to September 1994, this was a valid ETDE descriptor.)

SEE legal aspects

SEE security

document retrieval

USE information retrieval

DOCUMENT TYPES

See scope note for each of the descriptors below for its proper usage.

UF data forms
 SF technical writing
 NT1 audio files
 NT1 bibliographies
 NT1 catalogs
 NT1 datasets
 NT2 fukushima accident data
 NT1 dictionaries
 NT1 directories
 NT1 environmental impact statements
 NT1 hearings
 NT1 indexes
 NT1 lectures
 NT1 manuals
 NT1 patents
 NT1 proceedings
 NT1 progress report
 NT1 regulatory guides
 NT1 reviews
 NT1 video files
 NT1 websites
 RT abstracts
 RT safety reports

DOCUMENTATION

The assembling, coding, and disseminating of recorded knowledge.

RT data compilation
 RT information retrieval
 RT information systems
 RT knowledge preservation
 RT privacy act
 RT reporting requirements

DODECANE

*BT1 alkanes

DODECANOIC ACID

UF lauric acid
 *BT1 monocarboxylic acids

DODECYL RADICALS

UF lauryl radicals
 *BT1 alkyl radicals

DODEWAARD REACTOR

Dodewaard, Gelderland, Netherlands.
Permanent shutdown since March 1997.
UF gkn reactor (dodewaard)
**BT1 bwr type reactors*

DOEL-1 REACTOR

Doel-Beveren, Flandre, Belgium.
**BT1 pwr type reactors*

DOEL-2 REACTOR

Doel-Beveren, Flandre, Belgium.
**BT1 pwr type reactors*

DOEL-3 REACTOR

INIS: 1977-09-15; ETDE: 1977-11-10
Doel-Beveren, Flandre, Belgium.
**BT1 pwr type reactors*

DOEL-4 REACTOR

INIS: 1981-05-11; ETDE: 1981-06-13
Doel-Beveren, Flandre, Belgium.
**BT1 pwr type reactors*

DOGS

UF canines
UF mongrels
**BT1 mammals*
NT1 beagles
RT foxes
RT wolves

dolantal

USE pethidine

DOLLARS

**BT1 reactivity units*

DOLOMITE

A common rock-forming rhombohedral mineral.
UF bitter spar
SF pearl spar
**BT1 carbonate minerals*
RT calcite
RT calcium carbonates
RT limestone
RT magnesium carbonates

dolomite rock

INIS: 1985-12-10; ETDE: 2002-06-13
USE limestone

dolphins

INIS: 1991-09-30; ETDE: 1981-06-15
USE cetaceans

DOMAIN STRUCTURE

(From January 1975 until March 1996 LANDAU DOMAIN STRUCTURE was a valid ETDE descriptor.)
UF landau domain structure
NT1 bloch wall
RT magnetic properties

DOMED STRUCTURES

INIS: 2000-04-12; ETDE: 1980-05-06
UF domes (structures)
BT1 mechanical structures
RT buildings
RT high rooms
RT shells

domes (structures)

INIS: 2000-04-12; ETDE: 1980-05-06
USE domed structures

DOMESTIC ANIMALS

UF farm animals
UF livestock
BT1 animals
NT1 cattle
NT2 calves

NT2 cows
NT1 goats
NT1 sheep
NT1 swine
NT2 miniature swine
RT agriculture
RT animal breeding
RT buffalo
RT camels
RT grazing
RT rangelands
RT rearing
RT screwworm fly

domestic crude oil entitlements program

INIS: 2000-04-12; ETDE: 1979-03-28
USE entitlements program

DOMESTIC SAFEGUARDS

BT1 safeguards

DOMESTIC SUPPLIES

INIS: 1986-07-09; ETDE: 1978-12-11
Goods whose source country is the same as the place of use, i.e. native goods not requiring import from another country.
RT availability
RT exports
RT gross national product
RT imports
RT market
RT shortages
RT supply and demand
RT trade

domestic wastes

INIS: 1985-07-18; ETDE: 1980-07-23
(Prior to August 1985 this was a valid descriptor.)
USE municipal wastes

DOMINANT MUTATIONS

BT1 mutations

DOMINIC PROJECT

UF project dominic
**BT1 nuclear explosions*
RT atmospheric explosions
RT underwater explosions

DOMINICAN REPUBLIC

BT1 developing countries
**BT1 hispaniola*
BT1 latin america

donald c. cook-1 reactor

USE cook-1 reactor

donald c. cook-2 reactor

USE cook-2 reactor

donkeys

INIS: 2000-04-12; ETDE: 1978-04-05
USE burros

DONNAN THEORY

RT diffusion
RT electrolytes
RT osmosis

DOORS

BT1 openings
NT1 storm doors
RT air curtains
RT buildings

DOPA

UF 3,4-dihydroxyphenylalanine
**BT1 amino acids*
**BT1 hydroxy acids*
**BT1 neuroregulators*

RT dopamine
RT phenylalanine

DOPAMINE

**BT1 amines*
**BT1 cardiotonics*
**BT1 neuroregulators*
**BT1 polyphenols*
**BT1 sympathomimetics*
RT dopa
RT pyrocatechol
RT spiperone

DOPED MATERIALS

UF materials (doped)
BT1 materials
RT bromine additions
RT chlorine additions
RT crystal doping
RT fluorine additions
RT ion implantation
RT semiconductor materials
RT trace amounts

doping (crystal)

USE crystal doping

DOPPLER BROADENING

BT1 line broadening
RT doppler coefficient
RT doppler effect

DOPPLER COEFFICIENT

BT1 reactivity coefficients
RT doppler broadening
RT temperature coefficient

DOPPLER EFFECT

RT doppler broadening
RT dsa method
RT red shift
RT spectral shift

doppler shift attenuation method

INIS: 1979-12-20; ETDE: 1980-01-24
USE dsa method

dopplerons

2000-04-12
USE quasi particles

DORIS STORAGE RING

BT1 storage rings

dormitories

INIS: 2000-04-12; ETDE: 1981-01-09
USE residential buildings

DOSE COMMITMENTS

RT delayed radiation effects
RT dose equivalents
RT dose limits
RT internal irradiation
RT life span
RT medical surveillance
RT radiation doses
RT radionuclide kinetics

dose distributions

USE radiation dose distributions

DOSE EQUIVALENTS

A measure of the biological damage to living tissue as a result of radiation exposure expressed in rems or Sivierts.
(From January 1975 till April 1997 SIEVERT UNIT was a valid ETDE descriptor.)
NT1 ambient dose equivalents
RT dose commitments
RT dose limits
RT dosimetry
RT effective radiation doses
RT ionizing radiations

RT let
 RT quality factor
 RT radiation doses
 RT tissue-equivalent detectors

dose fractionation

USE fractionated irradiation

DOSE LIMITS

*BT1 safety standards
 RT dose commitments
 RT dose equivalents
 RT maximum permissible dose
 RT radiation doses
 RT unscear

DOSE RATEMETERS

UF ratemeters (dose)
 RT dosimetry

DOSE RATES

RT low dose irradiation
 RT pulsed irradiation
 RT radiation dose rate ranges
 RT radiation doses
 RT radiation effects
 RT temporal dose distributions
 RT time dependence

dose reduction factor

INIS: 1984-04-04; ETDE: 1984-05-10
 USE efficiency
 USE radioprotective substances

dose relative factor

INIS: 1984-04-04; ETDE: 1984-05-10
 USE efficiency
 USE radioprotective substances

DOSE-RESPONSE RELATIONSHIPS

RT acute exposure
 RT biological effects
 RT biological indicators
 RT fractionated irradiation
 RT genetically significant dose
 RT lethal irradiation
 RT low dose irradiation
 RT radiation dose distributions
 RT radiation doses
 RT radiation effects
 RT radiosensitivity
 RT sublethal irradiation
 RT supralethal irradiation
 RT survival curves
 RT toxicity

DOSEMETERS

UF dosimeters
 UF radiation dosimeters
 BT1 measuring instruments
 NT1 albedo-neutron dosimeters
 NT1 biological dosimeters
 NT1 bragg gray chambers
 NT1 bubble dosimeters
 NT1 calorimetric dosimeters
 NT1 chemical dosimeters
 NT2 polymer gel dosimeters
 NT1 colorimetric dosimeters
 NT1 condenser ionization chambers
 NT1 exoelectron dosimeters
 NT1 extrapolation chambers
 NT1 luminescent dosimeters
 NT2 rpl dosimeters
 NT2 thermoluminescent dosimeters
 NT1 photographic film dosimeters
 NT1 ritac dosimeters
 NT1 ritad dosimeters
 RT dosimetry
 RT radiation detection
 RT radiation detectors
 RT radiation doses

RT radiation monitoring
 RT radiation monitors
 RT scintillation counters
 RT semiconductor detectors

DOSES

INIS: 2000-04-12; ETDE: 1976-04-19

NT1 lethal doses
 NT2 lethal radiation dose
 NT1 radiation doses
 NT2 absorbed radiation doses
 NT2 effective radiation doses
 NT2 equivalent radiation doses
 NT2 genetically significant dose
 NT2 integral doses
 NT2 lethal radiation dose
 NT2 somatically significant dose
 NT2 threshold dose
 NT1 therapeutic doses

doses (lethal)

INIS: 1986-03-04; ETDE: 2002-06-13
 USE lethal doses

doses (radiation)

ETDE: 2002-06-13
 USE radiation doses

dosimeters

USE dosemeters

DOSIMETRY

UF radiation dosimetry
 NT1 alpha dosimetry
 NT1 beta dosimetry
 NT1 electron dosimetry
 NT1 film dosimetry
 NT1 gamma dosimetry
 NT1 ion dosimetry
 NT1 microdosimetry
 NT1 neutron dosimetry
 NT1 personnel dosimetry
 NT1 pion dosimetry
 NT1 polymer gel dosimetry
 NT1 proton dosimetry
 NT1 thermoluminescent dosimetry
 NT1 x-ray dosimetry
 RT ambient dose equivalents
 RT dose equivalents
 RT dose ratemeters
 RT doseimeters
 RT icru
 RT lyoluminescence
 RT measuring methods
 RT radiation detection
 RT radiation dose units
 RT radiation doses
 RT radiation metrology
 RT radiation monitoring
 RT radiation protection
 RT radiations
 RT skyshine
 RT ssdl

DOUBLE BETA DECAY

INIS: 1983-06-30; ETDE: 1983-07-20
 Decay (A, Z) yields (A, Z+2), and related reactions.
 *BT1 beta-minus decay
 NT1 neutrinoless double beta decay

DOUBLE BONDS

BT1 chemical bonds
 RT binding energy

DOUBLE ENVELOPE BUILDINGS

INIS: 1992-08-25; ETDE: 1981-06-13
 UF convective loop houses
 UF double shell houses
 UF double wall houses
 UF envelope houses

UF thermal envelope houses
 BT1 buildings
 RT passive solar heating systems

double focusing spectrometers

USE flat magnetic spectrometers

DOUBLE GLAZING

INIS: 2000-04-12; ETDE: 1983-03-23
 Two layers of glass or other material used on windows or solar collectors to reduce heat loss. The still air in the space between the windows acts as a good insulator.
 SF thermal insulating glass
 RT coverings
 RT glass
 RT glazing materials
 RT triple glazing
 RT windows

DOUBLE LABELLING

BT1 labelling
 RT labelled compounds

DOUBLE RESONANCE METHODS

INIS: 1977-03-01; ETDE: 1977-04-12
 Simultaneous excitation of two resonance transitions of different frequencies increasing the sensitivity of high frequency spectroscopy.
 RT absorption spectroscopy
 RT eldor
 RT electron spin resonance
 RT endor
 RT nuclear magnetic resonance
 RT optical pumping
 RT zeeman effect

double shell houses

INIS: 1992-08-25; ETDE: 1981-06-13
 USE double envelope buildings

double wall houses

INIS: 1992-08-25; ETDE: 1981-06-13
 USE double envelope buildings

DOUBLET-2 DEVICE

Octupolar configuration.
 *BT1 tokamak devices

DOUBLET-3 DEVICE

INIS: 1976-05-05; ETDE: 1979-04-12
 UF diiii-d
 *BT1 tokamak devices

DOUBLET REACTORS

INIS: 2000-04-12; ETDE: 1978-04-27
 *BT1 tokamak type reactors

DOUGLAS POINT-1 REACTOR

Potomac Electric Power Co., Nanjamoy, Maryland, USA. Canceled in 1977 before construction began.
 *BT1 bwr type reactors

DOUGLAS POINT-2 REACTOR

Potomac Electric Power Co., Nanjamoy, Maryland, USA. Canceled in 1977 before construction began.
 *BT1 bwr type reactors

DOUGLAS POINT ONTARIO REACTOR

INIS: 1975-09-25; ETDE: 1975-12-16
 Permanent shutdown since 1984.
 (For information indexed before 1976 CANDU TYPE REACTORS was used.)
 UF douglas point power station
 *BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors

douglas point power station

USE douglas point ontario reactor

douglas point site

INIS: 2000-04-12; ETDE: 1980-01-24
(Prior to September 1994, this was a valid ETDE descriptor.)
USE maryland
USE power plants

dounreay fast reactor

USE dfr reactor

dounreay materials testing reactor

1993-11-05
USE dmttr reactor

dounreay prototype fast reactor

2000-04-12
USE pfr reactor

dow chemical triga-mk-1 reactor

1993-11-05
USE dow triga-mk-1 reactor

DOW GASIFICATION PROCESS

INIS: 1992-07-06; ETDE: 1986-03-04
Pressurized, entrained flow, slagging, slurry-fed gasification.
*BT1 coal gasification
RT entrainment

DOW LIQUEFACTION PROCESS

INIS: 2000-04-12; ETDE: 1979-07-18
Expendable catalyst system based on emulsion technology, hydrocyclones for partial solids removal, and liquid-liquid extractor.
*BT1 coal liquefaction

dow pusher 700

INIS: 2000-04-12; ETDE: 1977-03-04
USE polyamides

DOW TRIGA-MK-1 REACTOR

The Dow Chemical Co., Midland, Michigan, USA.
UF dow chemical triga-mk-1 reactor
*BT1 isotope production reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 training reactors
*BT1 triga type reactors

dowa process

INIS: 2000-04-12; ETDE: 1981-08-21
This process is a dual-alkali flue gas desulfurization process which utilizes basic aluminium sulfate solution for sulfur dioxide absorption and limestone for regeneration of the absorbent.
(Prior to March 1994, this was a valid ETDE descriptor.)
USE desulfurization

dowex

USE organic ion exchangers

downhole information systems

INIS: 2000-04-12; ETDE: 1978-12-11
USE mwd systems

DOWNS SYNDROME

UF mongolism
*BT1 congenital diseases
*BT1 congenital malformations
*BT1 hereditary diseases
RT chromosomal aberrations

DOWNWELLING

INIS: 2000-04-12; ETDE: 1987-02-13
Process by which a water mass sinks from a shallower to a deeper level.
RT environmental transport
RT upwelling
RT water currents

dowtherm

2000-04-12
USE biphenyl
USE phenyl ether

DOXORUBICIN

INIS: 1980-11-07; ETDE: 1980-04-14
UF adriamycin
*BT1 antibiotics
*BT1 antineoplastic drugs
RT mutagenesis

dpa

INIS: 1982-11-29; ETDE: 1980-05-06
Displacements per atom.
USE atomic displacements

DPCA

UF diphenylcarbazines
*BT1 carbonic acid derivatives
*BT1 organic nitrogen compounds

dpo

Diphenylphosphine oxide.
USE organic phosphorus compounds

DPPH

UF diphenylpicrylhydrazyl
*BT1 nitro compounds
BT1 radicals
RT hydrazine

DPSO

UF diamyl sulfoxide
UF dipentyl sulfoxide
*BT1 sulfoxides

DR-1 REACTOR

Risoe National Lab., Roskilde, Denmark.
Decommissioned since 2006.
UF danish reactor-1
*BT1 aqueous homogeneous reactors
*BT1 enriched uranium reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 training reactors

DR-2 REACTOR

Risoe National Lab., Roskilde, Denmark.
Decommissioned since 2011.
UF danish reactor-2
*BT1 enriched uranium reactors
*BT1 isotope production reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors

DR-3 REACTOR

Risoe National Lab., Roskilde, Denmark.
Permanent shutdown since 2000. Under decommissioning since 2006.
UF danish reactor-3
*BT1 enriched uranium reactors
*BT1 heavy water cooled reactors
*BT1 heavy water moderated reactors
*BT1 isotope production reactors
*BT1 materials testing reactors
*BT1 research reactors
*BT1 tank type reactors
*BT1 thermal reactors

draft control systems

INIS: 2000-04-12; ETDE: 1979-01-30
(Prior to February 1997 this was a valid ETDE descriptor.)
USE flow regulators
USE gas flow

DRAG

UF drag coefficient
RT fluid mechanics
RT hartmann number

RT stokes number

drag coefficient

USE drag

drag effect

USE electrophoresis

DRAGLINES

INIS: 2000-04-12; ETDE: 1981-10-24
Excavators operated by pulling buckets on cables toward jibs from which they are suspended.
*BT1 earthmoving equipment
RT excavation
RT mining equipment

DRAGON REACTOR

under decommissioning
*BT1 enriched uranium reactors
*BT1 experimental reactors
*BT1 helium cooled reactors
*BT1 htgr type reactors
*BT1 power reactors
*BT1 thermal reactors
*BT1 thorium reactors

drain-down systems

INIS: 2000-04-12; ETDE: 1978-03-03
Components of equipment, e.g. solar collectors, using a method of freeze protection by draining out water when the equipment reaches a dangerously low temperature. Use descriptor for equipment involved, e.g. SOLAR COLLECTORS or SOLAR WATER HEATERS, and the descriptor below.
(Until March 1996 this was a valid ETDE descriptor.)
USE freeze protection

DRAINAGE

INIS: 1984-08-24; ETDE: 1980-03-29
UF drainage areas
UF drainage systems
RT floods
RT fluid flow
RT hydrology
RT mine draining
RT rivers
RT runoff
RT settling ponds
RT waste water
RT watersheds

drainage areas

INIS: 2000-04-12; ETDE: 1980-03-29
USE drainage

drainage systems

INIS: 2000-04-12; ETDE: 1980-03-29
USE drainage

draperies

INIS: 2000-04-12; ETDE: 1979-02-27
USE curtains

DRAWDOWN

1992-04-08
Reduction of fluid level in reservoirs by intentional withdrawal.
RT ground water
RT pumping
RT reservoir fluids

DRAWING

*BT1 materials working
RT cold working

DREDGE SPOIL

INIS: 1991-10-11; ETDE: 1978-04-05
RT dredging
RT mineral wastes

RT sediments
RT solid wastes
RT spoil banks

DREDGING

INIS: 1991-10-11; ETDE: 1978-04-05

RT dredge spoil
RT excavation

DRELL MODEL

RT photoproduction

DRESDEN-1 REACTOR

Commonwealth Edison Co., LLC, Morris, Illinois, USA. Shut down in 1978; decommissioned in 1993.

*BT1 bwr type reactors

DRESDEN-2 REACTOR

Exelon Generation Co., LLC, Morris, Illinois, USA.

*BT1 bwr type reactors

DRESDEN-3 REACTOR

Exelon Generation Co., LLC, Morris, Illinois, USA.

*BT1 bwr type reactors

drf

INIS: 1984-04-04; ETDE: 1984-05-10

Dose Reduction Factor.

USE efficiency
USE radioprotective substances

drift (electron)

USE electron drift

drift (ion)

USE ion drift

drift (plasma)

USE plasma drift

DRIFT CHAMBERS

UF multiwire drift chambers
*BT1 multiwire proportional chambers
NT1 time projection chambers
RT fermilab collider detector
RT ion-mobility detectors
RT projection spark chambers
RT stanford linear collider detector

DRIFT INSTABILITY

*BT1 plasma microinstabilities
RT plasma drift

drift pumping

INIS: 2000-04-12; ETDE: 1984-11-09

A subset of plasma rf pumping that pumps perpendicular energy into the trapped ion population at frequencies near the trapped ion bounce frequency. Radial displacements by geodesic curvature drifts are enhanced so that the ions drift out to a limiter.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE high-frequency heating

DRIFT TUBES

RT linear accelerators

DRILL BITS

INIS: 1976-03-25; ETDE: 1975-09-11

*BT1 drilling equipment
*BT1 tools
RT drilling
RT drills
RT jet drills
RT machine tools
RT materials drilling
RT percussive drills
RT rotary drills
RT spark drills

DRILL CORES

Cylindrical or columnar pieces of solid rock or sections of soil, taken as samples of an underground formation by a special hollow-type drill bit.

UF cores (drill)
RT coring fluids
RT well logging

drill cuttings removal

INIS: 1993-03-23; ETDE: 1983-03-23

USE cuttings removal

drill holes

INIS: 2000-04-12; ETDE: 1985-05-31

USE boreholes

DRILL PIPES

INIS: 1992-03-25; ETDE: 1977-03-08

*BT1 drilling equipment
*BT1 pipes
RT drills

drill ships

INIS: 2000-04-12; ETDE: 1976-08-04

USE offshore platforms
USE ships

DRILL STEM TESTING

INIS: 2000-04-12; ETDE: 1977-06-02

Testing involving temporary completion of a well to prove the productive possibilities of an oil or gas strike with the drill stem in the hole.

BT1 testing
RT natural gas wells
RT oil wells

DRILLING

1991-08-14

NT1 directional drilling
NT1 offshore drilling
NT1 rock drilling
NT1 rotary drilling
NT1 well drilling
RT cuttings removal
RT drill bits
RT drilling fluids
RT mwd systems
RT turbodrills
RT wells

drilling (materials)

USE materials drilling

drilling (rock)

USE rock drilling

DRILLING EQUIPMENT

INIS: 1992-03-11; ETDE: 1976-03-11

(From July 1978 till April 1997 CORING EQUIPMENT was a valid ETDE descriptor.)

UF core barrel
UF coring equipment
UF diamond drilling equipment
BT1 equipment
NT1 blowout preventers
NT1 drill bits
NT1 drill pipes
NT1 drilling rigs
NT1 drills
NT2 jet drills
NT2 percussive drills
NT2 rotary drills
NT3 turbodrills
NT2 spark drills
NT2 subterrene penetrators
RT drilling fluids
RT rotary drilling
RT well drilling

DRILLING FLUIDS

1991-10-11

Limited to materials used in well drilling.

UF drilling mud
UF lost circulation
BT1 fluids
RT coring fluids
RT cuttings removal
RT drilling
RT drilling equipment
RT rotary drilling
RT suspensions

drilling mud

1991-10-11

USE drilling fluids

drilling platforms

INIS: 1992-04-09; ETDE: 1976-03-11

USE offshore platforms

DRILLING RIGS

INIS: 1992-03-25; ETDE: 1975-10-01

A drill machine complete with all tools and accessory equipment needed to drill boreholes.

*BT1 drilling equipment
RT well drilling

drilling risers

INIS: 2000-04-12; ETDE: 1977-04-12

USE marine risers

DRILLS

INIS: 1992-05-08; ETDE: 1977-03-08

*BT1 drilling equipment
NT1 jet drills
NT1 percussive drills
NT1 rotary drills
NT2 turbodrills
NT1 spark drills
NT1 subterrene penetrators
RT drill bits
RT drill pipes
RT rock drilling
RT well drilling

DRINKING WATER

UF potable water
*BT1 water
RT auxiliary water systems
RT beverages
RT diet
RT food
RT fresh water
RT ingestion
RT water coolers
RT water treatment

drone

2019-02-25

USE unmanned aerial vehicles

DROPLET MODEL

*BT1 nuclear models

DROPLETS

BT1 particles
RT aerosols
RT atmospheric precipitations
RT atomization
RT liquids
RT particle size
RT rain
RT spray cooling
RT sprays
RT washout

DROPWISE CONDENSATION

BT1 vapor condensation

DROSOPHILA

*BT1 fruit flies

DROUGHT RESISTANCE

INIS: 1997-03-14; ETDE: 1997-04-01

RT agriculture
RT biological stress
RT cultivation techniques
RT irrigation
RT plant breeding
RT plant growth
RT water requirements

DROUGHTS

INIS: 1992-07-23; ETDE: 1986-07-25

Extensive periods of abnormally dry weather causing serious hydrologic imbalances.

RT arid lands
RT atmospheric precipitations
RT climates
RT heat stress
RT weather

DRUG ABUSE

INIS: 1988-05-13; ETDE: 1982-08-11

RT drugs
RT health hazards
RT human factors
RT occupational safety

DRUG DELIVERY

2017-09-25

RT drugs
RT patients
RT therapy

DRUGS

(From April 1981 to March 1997 HORMONE ANTAGONISTS was a valid ETDE descriptor.)

UF *hormone antagonists*
UF *medicines*
UF *pharmaceuticals*
UF *therapeutic agents*

NT1 anti-infective agents

NT2 antibiotics

NT3 actinomycin

NT3 bleomycin

NT3 chloramphenicol

NT3 cycloheximide

NT3 doxorubicin

NT3 erythromycin

NT3 mitomycin

NT3 neocarcinostatin

NT3 neomycin

NT3 penicillin

NT3 puromycin

NT3 streptomycin

NT3 streptozocin

NT3 tetracyclines

NT4 oxytetracycline

NT3 valinomycin

NT2 antimicrobial agents

NT3 fudr

NT3 isoniazid

NT3 methylene blue

NT3 quinine

NT3 sulfonamides

NT1 antiandrogens

NT1 antihistaminics

NT1 antimetabolites

NT2 adenines

NT3 kinetin

NT2 aminopterin

NT2 bromouracils

NT3 budr

NT2 deoxyuridine

NT2 ethionine

NT2 fluorodeoxyglucose

NT2 fluorouracils

NT3 fudr

NT2 iodouracils

NT3 iododeoxyuridine

NT2 mercaptopurine

NT2 methotrexate

NT2 thiouracil

NT1 antimitotic drugs

NT2 actinomycin

NT2 bleomycin

NT2 colchicine

NT2 mitomycin

NT2 nem

NT2 oncovin

NT2 vinblastine

NT1 antineoplastic drugs

NT2 actinomycin

NT2 aminopterin

NT2 bleomycin

NT2 chlorambucil

NT2 doxorubicin

NT2 metronidazole

NT2 misonidazole

NT2 mitomycin

NT2 neocarcinostatin

NT2 puromycin

NT2 streptozocin

NT1 antithyroid drugs

NT2 thiocyanates

NT3 ammonium thiocyanates

NT2 thiouracil

NT2 thiourea

NT1 autonomic nervous system agents

NT2 neuroregulators

NT3 acetylcholine

NT3 adrenaline

NT3 aminobutyric acid

NT3 dopa

NT3 dopamine

NT3 endorphins

NT4 enkephalins

NT3 noradrenaline

NT3 serotonin

NT4 bufotenine

NT2 parasympatholytics

NT3 atropine

NT3 nicotine

NT2 parasympathomimetics

NT3 acetylcholine

NT3 eserine

NT3 nicotine

NT3 pilocarpine

NT2 spiperone

NT2 sympatholytics

NT3 ergotamine

NT3 reserpine

NT2 sympathomimetics

NT3 adrenaline

NT3 amphetamines

NT4 benzedrine

NT3 dopamine

NT3 ephedrine

NT3 noradrenaline

NT3 serotonin

NT4 bufotenine

NT3 tyramine

NT1 cardiovascular agents

NT2 antihypertensive agents

NT3 reserpine

NT2 cardiotonics

NT3 adrenaline

NT3 cardiac glycosides

NT4 digitalis glycosides

NT5 digitoxin

NT5 digoxin

NT4 strophanthins

NT5 ouabain

NT3 dopamine

NT3 noradrenaline

NT2 vasoconstrictors

NT3 angiotensin

NT3 ephedrine

NT2 vasodilators

NT3 dipyridamole

NT3 theobromine

NT3 theophylline

NT1 central nervous system agents

NT2 analeptics

NT3 amphetamines

NT4 benzedrine

NT3 caffeine

NT2 central nervous system depressants

NT3 analgesics

NT4 acetylsalicylic acid

NT4 antipyrine

NT4 codeine

NT4 opium

NT5 morphine

NT6 thebaine

NT4 pethidine

NT3 anesthetics

NT4 barbiturates

NT5 nembutal

NT5 phenobarbital

NT4 cocaine

NT4 procaine

NT3 anticonvulsants

NT4 phenobarbital

NT3 antipyretics

NT4 acetylsalicylic acid

NT4 antipyrine

NT4 colchicine

NT4 quinine

NT3 hypnotics and sedatives

NT4 barbiturates

NT5 nembutal

NT5 phenobarbital

NT4 chlorpromazine

NT4 codeine

NT4 reserpine

NT3 narcotics

NT4 heroin

NT4 methadone hydrochloride

NT4 opium

NT5 morphine

NT6 thebaine

NT4 pethidine

NT2 psychotropic drugs

NT3 antidepressants

NT4 cocaine

NT4 imipramine

NT3 hallucinogens

NT4 bufotenine

NT3 tranquilizers

NT4 chlorpromazine

NT4 reserpine

NT1 diuretics

NT2 neohydrin

NT2 sorbitol

NT2 theobromine

NT2 theophylline

NT1 hematologic agents

NT2 anticoagulants

NT3 coumarin

NT3 heparin

NT3 psoralen

NT2 blood substitutes

NT3 dextran

NT3 pectins

NT3 pvp

NT2 coagulants

NT3 protamines

NT2 fibrinolytic agents

NT3 fibrinolysin

NT3 plasminogen

NT3 urokinase

NT2 hematinics

NT3 folic acid

NT3 intrinsic factor

NT3 vitamin b-12
NT1 immunosuppressive drugs
NT2 cyclosporine
NT2 endoxan
NT1 lipotropic factors
NT2 betaine
NT2 choline
NT2 ethionine
NT2 inositol
NT2 methionine
NT2 phytic acid
NT2 thioctic acid
NT1 radiomimetic drugs
NT2 neocarcinostatin
NT1 radiopharmaceuticals
NT1 radioprotective substances
NT2 beta-aminoethyl isothiourae
NT2 cystamine
NT2 cystaphos
NT2 cysteamine
NT2 dimercaprol
NT2 dtpa
NT2 gammaphos
NT2 glutathione
NT2 hydroxytryptophan
NT2 kallikrein
NT2 mercaptoethylguanidine
NT2 mercaptopropylamine
NT2 mexamine
NT2 mpg
NT2 penicillamine
NT2 serotonin
NT3 bufotenine
NT1 radiosensitizers
NT2 fudr
NT2 metronidazole
NT2 misonidazole
NT2 nem
NT2 triacetoneamine-n-oxyl
RT antiseptics
RT chelating agents
RT chemotherapy
RT clinical trials
RT consumer products
RT disinfectants
RT drug abuse
RT drug delivery
RT food additives
RT medical supplies
RT medicinal plants
RT microbial drug resistance
RT mutagens
RT ointments
RT pharmacology
RT teratogens
RT therapeutic doses
RT therapy
RT toxicity
RT vitamins
RT xenobiotics

DRUM WALLS

INIS: 1992-08-25; ETDE: 1979-02-27
UF baer walls
***BT1** passive solar cooling systems
***BT1** passive solar heating systems
BT1 walls
RT buildings

DRY ASHING

UF ashing (dry)
RT combustion
RT sample preparation

dry deposition

INIS: 2000-04-12; ETDE: 1980-01-15
USE deposition

DRY HOLES

INIS: 2000-04-12; ETDE: 1977-06-02
Wells that are not expected to produce hydrocarbons in sufficient quantities to make their development into producing wells a worthwhile proposition. They may or may not have shown the presence of oil or gas.
BT1 wells
RT natural gas wells
RT oil wells

DRY SCRUBBERS

INIS: 1992-07-06; ETDE: 1981-07-18
Scrubbers in which a slurry is sprayed, or dry powder is injected, into the flue gas to react with the sulfur dioxide and collected in a baghouse or precipitator.
***BT1** scrubbers
RT desulfurization
RT flue gas
RT spray drying

dry-steam systems

INIS: 2000-04-12; ETDE: 1976-03-25
USE vapor-dominated systems

DRY STORAGE

INIS: 1996-04-16; ETDE: 1981-06-13
BT1 storage
RT away-from-reactor storage
RT radioactive waste storage
RT spent fuel storage
RT wet storage

dry-type cooling towers

2000-04-12
USE closed-cycle cooling systems
USE cooling towers

DRYERS

INIS: 1976-10-07; ETDE: 1975-10-01
(From January 1977 to February 1997 DEHYDRATORS was a valid ETDE descriptor.)
UF dehydrators
NT1 clothes dryers
NT1 microwave dryers
NT1 solar dryers
RT dehumidifiers
RT desiccants
RT dewatering equipment
RT drying
RT evaporators

DRYING

(From December 1978 to February 1997 DEHUMIDIFICATION was a valid ETDE descriptor.)

SF dehumidification
NT1 solar drying
NT1 spray drying
RT coal preparation
RT curing
RT dehydration
RT desiccants
RT dryers
RT evaporation
RT lyophilization
RT solar kilns

DRYOUT

RT burnout
RT heat flux
RT hot spots
RT rewetting

DSA METHOD

INIS: 1979-12-20; ETDE: 1980-01-24
Used for the determination of lifetimes of nuclear levels.
UF doppler shift attenuation method

BT1 counting techniques
RT doppler effect
RT lifetime

dsnadns

2000-04-12
(Prior to June 1996 BERYLLON was a valid ETDE descriptor.)
USE arsonic acids
USE azo dyes
USE dicarboxylic acids
USE naphthols
USE sulfonic acids

dta

USE differential thermal analysis

dto

1996-06-19
USE deuterium compounds
USE tritium oxides

DTPA

Diethylenetriaminepentaacetic acid.
UF diethylenetriaminepentaacetic acid
***BT1** amino acids
BT1 chelating agents
***BT1** radioprotective substances

DUAL ABSORPTION MODEL

***BT1** particle models

DUAL CYCLE COOLING SYSTEMS

***BT1** reactor cooling systems

dual energy use systems

INIS: 2000-04-12; ETDE: 1978-11-14
(From November 1978 till February 1997 DEUS was used for this concept in ETDE.)
USE cogeneration

DUAL-FUEL ENGINES

INIS: 1992-07-22; ETDE: 1977-07-23
Usually diesel engines modified to include a gas supply system for operation in dual mode.
***BT1** internal combustion engines
RT diesel engines
RT fuel gas

DUAL-ISOTOPE SUBTRACTION TECHNIQUE

1992-07-10
(Until July 1992, this descriptor was spelled DUAL-ISOTOPESUBTRACTION TEC.)
***BT1** tracer techniques
RT radiopharmaceuticals
RT scintiscanning

DUAL-PURPOSE POWER PLANTS

INIS: 1977-01-26; ETDE: 1976-03-22
UF cogeneration plants
SF mcpp
SF modular cogeneration power plants
BT1 power plants
RT cogeneration
RT desalination
RT desalination plants
RT district heating
RT power generation
RT process heat
RT refuse-fueled power plants

DUAL RESONANCE MODEL

***BT1** veneziano model
RT duality

DUAL TEMPERATURE PROCESS

ETDE: 1975-09-11
UF gs process
***BT1** isotope separation
BT1 isotopic exchange
RT heavy water

DUAL-USE TECHNOLOGIES

2013-12-06

Products and technologies normally used for civilian purposes but which may have military applications.

- RT non-proliferation treaty
- RT nuclear engineering
- RT nuclear materials diversion
- RT proliferation
- RT safeguards
- RT technology transfer

DUALITY

Correlation between resonance poles and scattering amplitudes.

- RT dual resonance model
- RT scattering amplitudes

DUANE ARNOLD-1 REACTOR

Nuclear Management Co., LLC, Palo, Iowa, USA.

- *BT1 bwr type reactors

dubai

INIS: 1992-05-07; ETDE: 1976-08-05

- USE united arab emirates

DUBNA

2000-04-12

- *BT1 russian federation

dubna, jinr

INIS: 1975-10-09; ETDE: 2002-06-13

- USE jinr

dubna ibr-2 reactor

INIS: 1978-01-13; ETDE: 2002-06-13

- USE ibr-2 reactor

dubna pulsed reactor

2000-04-12

- USE ibr-2 reactor

dubna synchrocyclotron

- USE jinr phasotron

DUBNIUM

2004-03-18

(Prior to March 2004 ELEMENT 105 was used for this element.)

- UF *eka-tantalum*
- UF *element 105*
- UF *hahnium*
- UF *unnilpentium*
- *BT1 transactinide elements

DUBNIUM 255

2004-03-18

(Prior to March 2004 ELEMENT 105 255 was used for this concept.)

- UF *element 105 255*
- *BT1 alpha decay radioisotopes
- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

DUBNIUM 256

2004-03-18

(Prior to March 2004 ELEMENT 105 256 was used for this concept.)

- UF *element 105 256*
- *BT1 alpha decay radioisotopes
- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

DUBNIUM 257

2004-03-18

(Prior to March 2004 ELEMENT 105 257 was used for this concept.)

- UF *element 105 257*
- *BT1 alpha decay radioisotopes
- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

DUBNIUM 258

2004-03-19

(Prior to March 2004 ELEMENT 105 258 was used for this concept.)

- UF *element 105 258*
- *BT1 alpha decay radioisotopes
- *BT1 dubnium isotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

DUBNIUM 259

2004-03-19

(Prior to March 2004 ELEMENT 105 259 was used for this concept.)

- UF *element 105 259*
- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

DUBNIUM 260

2004-03-19

(Prior to March 2004 ELEMENT 105 260 was used for this element.)

- UF *element 105 260*
- *BT1 alpha decay radioisotopes
- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

DUBNIUM 261

2004-03-19

(Prior to March 2004 ELEMENT 105 261 was used for this concept.)

- UF *element 105 261*
- *BT1 alpha decay radioisotopes
- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

DUBNIUM 262

2004-03-19

(Prior to March 2004 ELEMENT 105 262 was used for this concept.)

- UF *element 105 262*
- *BT1 alpha decay radioisotopes
- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

DUBNIUM 263

2004-03-19

(Prior to March 2004 ELEMENT 105 263 was used for this concept.)

- UF *element 105 263*
- *BT1 alpha decay radioisotopes
- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei

- *BT1 seconds living radioisotopes

- *BT1 spontaneous fission radioisotopes

DUBNIUM 264

2007-01-24

- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

DUBNIUM 265

2007-01-24

- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

DUBNIUM 266

2007-01-24

- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

DUBNIUM 267

2007-01-24

- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes

DUBNIUM 268

2006-10-11

- *BT1 days living radioisotopes
- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 spontaneous fission radioisotopes

DUBNIUM 269

2007-01-24

- *BT1 dubnium isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei

DUBNIUM COMPOUNDS

2004-03-19

(Prior to March 2004 ELEMENT 105 COMPOUNDS was used for this concept.)

- UF *element 105 compounds*
- *BT1 transactinide compounds

DUBNIUM IONS

2018-01-24

- *BT1 ions

DUBNIUM ISOTOPES

2004-03-18

(Prior to March 2004 ELEMENT 105 ISOTOPES was used for this concept.)

- UF *element 105 isotopes*
- BT1 isotopes
- NT1** dubnium 255
- NT1** dubnium 256
- NT1** dubnium 257
- NT1** dubnium 258
- NT1** dubnium 259
- NT1** dubnium 260
- NT1** dubnium 261
- NT1** dubnium 262
- NT1** dubnium 263
- NT1** dubnium 264
- NT1** dubnium 265
- NT1** dubnium 266
- NT1** dubnium 267
- NT1** dubnium 268
- NT1** dubnium 269

DUCKS

*BT1 fowl

DUCTILE-BRITTLE TRANSITIONS

UF *transitions (ductile-brittle)*
 RT brittleness
 RT ductility
 RT embrittlement
 RT transition temperature

DUCTILITY

*BT1 tensile properties
 RT brittle-ductile transitions
 RT ductile-brittle transitions
 RT plasticity

DUCTS

UF *ventilation ducts*
 RT diffusers
 RT fuel channels
 RT openings
 RT pipes
 RT tubes
 RT wind tunnels

ducts (tear)

INIS: 1977-07-05; ETDE: 2002-06-13
 USE lacrimal ducts

DUDVAH RIVER

INIS: 2001-12-06; ETDE: 2002-01-18
 *BT1 rivers
 RT slovakia

DUKOVANY-1 REACTOR

1997-08-20
Dukovany, South Moravia, Czech Republic.
 SF *dukovany v-2 reactor*
 SF *v-2 reactor (dukovany)*
 *BT1 wwer type reactors

DUKOVANY-2 REACTOR

1997-08-20
Dukovany, South Moravia, Czech Republic.
 SF *dukovany v-2 reactor*
 SF *v-2 reactor (dukovany)*
 *BT1 wwer type reactors

DUKOVANY-3 REACTOR

1997-08-20
Dukovany, South Moravia, Czech Republic.
 SF *dukovany v-2 reactor*
 SF *v-2 reactor (dukovany)*
 *BT1 wwer type reactors

DUKOVANY-4 REACTOR

1997-08-20
Dukovany, South Moravia, Czech Republic.
 SF *dukovany v-2 reactor*
 SF *v-2 reactor (dukovany)*
 *BT1 wwer type reactors

dukovany v-2 reactor

1997-08-20
 (Until August 1997 this was a valid descriptor.)
 SEE dukovany-1 reactor
 SEE dukovany-2 reactor
 SEE dukovany-3 reactor
 SEE dukovany-4 reactor

DUMAND PROJECT

INIS: 1980-04-02; ETDE: 1979-09-06
Deep Underwater Muon And Neutrino Detection Project.
 RT acoustic detection
 RT coordinated research programs
 RT international cooperation
 RT muon detection
 RT neutrino detection
 RT underwater
 RT underwater facilities

dumontite

1996-07-18
 (Until July 1996 this was a valid descriptor.)
 USE phosphate minerals
 USE uranium minerals

dunes

INIS: 2000-04-12; ETDE: 1984-08-20
Low mounds, ridges, banks, or hills of loose, windblown granular material, usually sand, capable of movement.
 (Prior to February 1997 this was a valid ETDE descriptor.)
 SEE sand

DUNGENESS-A REACTOR

Dungeness Point, Kent, United Kingdom. Permanently shut down since 1990.
 *BT1 carbon dioxide cooled reactors
 *BT1 magnox type reactors
 *BT1 thermal reactors

DUNGENESS-B REACTOR

Romney Marsh, Kent, United Kingdom.
 *BT1 agr type reactors
 *BT1 carbon dioxide cooled reactors
 *BT1 power reactors
 *BT1 thermal reactors

duodenum

USE small intestine

DUOPLASMATRONS

*BT1 plasmatron ion sources

durability

2008-05-23
Ability of equipment or materials to remain useful after a great amount of usage or a long period of time.
 SEE hardness
 SEE service life
 SEE wear resistance

DURALUMIN

1993-10-03
 *BT1 alloy-al95cu4

DURANALIUM

2000-04-12
 *BT1 aluminium base alloys
 *BT1 magnesium alloys

DURANICKEL

2000-04-12
 *BT1 aluminium alloys
 *BT1 copper additions
 *BT1 iron additions
 *BT1 manganese additions
 *BT1 nickel base alloys
 *BT1 silicon additions
 *BT1 titanium additions

DURCO

2000-04-12
 *BT1 chromium-nickel steels

DURENE

UF *1,2,4,5-tetramethylbenzene*
 *BT1 alkylated aromatics

DURIRON

2000-04-12
 *BT1 carbon additions
 *BT1 iron base alloys
 *BT1 manganese additions
 *BT1 silicon alloys

DUST COLLECTORS

INIS: 1976-10-07; ETDE: 1976-02-19
 UF *collectors (dust)*
 RT dusts
 RT electrostatic precipitators

RT fabric filters
 RT filters
 RT inertial separators
 RT scrubbers
 RT separation processes

DUST COOLED REACTORS

BT1 reactors

dust fueled reactors

USE fluid fueled reactors

DUSTS

UF *respirable dusts*
 NT1 cosmic dust
 RT acoustic agglomerators
 RT aerosols
 RT dispersions
 RT dust collectors
 RT elutriation
 RT filters
 RT inhalation
 RT lunar materials
 RT overburden
 RT particle resuspension
 RT particle size
 RT particles
 RT particulates
 RT pneumoconioses
 RT powders
 RT respirators
 RT rock dusting
 RT sedimentation

DUSTY PLASMA

2018-10-04
Plasma containing charged dust particles
 BT1 plasma
 RT astrophysics
 RT cosmic dust

DWARF STARS

BT1 stars
 NT1 black dwarf stars
 NT1 red dwarf stars
 NT1 white dwarf stars
 RT helium burning

DWBA

UF *approximation (distorted-wave)*
 UF *distorted wave born approximation*
 *BT1 born approximation
 RT distorted wave theory
 RT nuclear reaction kinetics
 RT scattering

DYE LASERS

1999-08-16
Based on transitions between vibrationally broadened electronic states of polyatomic molecules.
 *BT1 liquid lasers
 RT chemical lasers

DYES

1996-07-18
 UF *murexide*
 UF *purpuric acid*
 SF *chemicals*
 NT1 acridine orange
 NT1 alizarin
 NT1 azo dyes
 NT2 eriochrome dyes
 NT2 evans blue
 NT2 methyl orange
 NT2 methyl red
 NT2 toluidine blue
 NT2 trypan blue
 NT1 curcumin
 NT1 cyanine dyes
 NT1 eosin
 NT1 fluorescein

NT2 erythrosine
NT1 hematoxylin
NT1 indigo
NT1 indocyanine green
NT1 morin
NT1 phthalocyanines
NT1 pyrocatechol violet
NT1 quinizarin
NT1 rhodamines
NT1 rose bengal
NT1 squarylium dyes
NT1 triphenylmethane dyes
NT2 methyl violet
NT2 methylthymol blue
NT1 xlenol orange
RT anthraquinones
RT carminic acid
RT chromotropic acid
RT colorimetric dosimeters
RT diazo compounds
RT inks
RT organic solar cells
RT photochromic materials
RT stains

dymac system

INIS: 2000-04-12; ETDE: 1982-11-08
 USE nuclear materials management
 USE plutonium

DYNAMIC FUNCTION STUDIES

INIS: 1975-10-29; ETDE: 1975-12-16
UF *dynamic studies (biological)*
RT biological functions
RT biological markers
RT equilibrium
RT flow rate
RT radionuclide kinetics
RT radiopharmaceuticals
RT sequential scanning
RT structure-activity relationships
RT tracer techniques

dynamic inducer rotors

INIS: 2000-04-12; ETDE: 1978-09-13
 USE tipvane rotors

DYNAMIC LOADS

INIS: 1981-02-27; ETDE: 1976-08-04
UF *load (dynamic)*
UF *loads (dynamic)*
NT1 wind loads
RT deformation
RT mechanical tests
RT mechanical vibrations
RT pipe whip
RT ratcheting
RT soil-structure interactions
RT static loads
RT stresses

DYNAMIC MAGNETIC FIELDS

2018-03-01
UF *magnetodynamics*
BT1 magnetic fields

DYNAMIC MASS SPECTROMETERS

UF *r-f mass spectrometers*
***BT1** mass spectrometers
NT1 energy balance mass spectrometers
NT1 time-of-flight mass spectrometers

dynamic materials accountability system

INIS: 2000-04-12; ETDE: 1982-11-08
 USE nuclear materials management
 USE plutonium

DYNAMIC PROGRAMMING

BT1 calculation methods
RT econometrics

RT linear programming
RT mathematical models
RT nonlinear programming
RT optimization

dynamic studies (biological)

INIS: 1975-10-29; ETDE: 1975-12-16
 USE dynamic function studies

dynamical boson-fermion symmetry

1984-12-04
 USE boson-fermion symmetry

DYNAMICAL GROUPS

BT1 symmetry groups
NT1 o groups
RT boson-fermion symmetry

DYNAMICAL SYSTEMS

2018-02-16
A system in which a function describes the time dependence of a point in a geometrical space
NT1 integrable systems
RT differential operators
RT mathematical manifolds

DYNAMICS

INIS: 1982-12-06; ETDE: 1979-02-27
Study of the motion of a system of particles under the influence of forces.
BT1 mechanics
NT1 beam dynamics
NT2 beam bunching
NT2 betatron oscillations
NT2 phase oscillations
NT2 synchrotron oscillations
RT bifurcation
RT collisions
RT kinetics
RT limit cycle

dynamics (beam)

2000-04-12
 USE beam dynamics

DYNAMITE

***BT1** chemical explosives

DYNAMITRONS

***BT1** electrostatic accelerators
RT tandem electrostatic accelerators

DYNAMOMETERS

BT1 measuring instruments

DYNODES

RT electron multipliers

DYONS

Hypothetical particles endowed with both electric and magnetic charges.
***BT1** postulated particles

DYSON REPRESENTATION

RT boson expansion
RT quantum field theory

DYSPROSIUM

***BT1** rare earths

DYSPROSIUM 138

2007-10-22
***BT1** dysprosium isotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** milliseconds living radioisotopes
***BT1** rare earth nuclei

DYSPROSIUM 139

2007-10-22
***BT1** dysprosium isotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei

***BT1** milliseconds living radioisotopes
***BT1** rare earth nuclei

DYSPROSIUM 140

2004-10-19
***BT1** beta-plus decay radioisotopes
***BT1** dysprosium isotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** isomeric transition isotopes
***BT1** microseconds living radioisotopes
***BT1** rare earth nuclei
***BT1** seconds living radioisotopes

DYSPROSIUM 141

INIS: 1984-08-23; ETDE: 1984-09-05
***BT1** dysprosium isotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** rare earth nuclei
***BT1** seconds living radioisotopes

DYSPROSIUM 142

INIS: 1987-02-25; ETDE: 1987-05-01
***BT1** dysprosium isotopes
***BT1** even-even nuclei
***BT1** rare earth nuclei
***BT1** seconds living radioisotopes

DYSPROSIUM 143

INIS: 1984-08-23; ETDE: 1984-09-05
***BT1** dysprosium isotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** rare earth nuclei
***BT1** seconds living radioisotopes

DYSPROSIUM 144

INIS: 1986-10-29; ETDE: 1986-11-20
***BT1** dysprosium isotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** rare earth nuclei
***BT1** seconds living radioisotopes

DYSPROSIUM 145

INIS: 1982-08-27; ETDE: 1982-07-08
***BT1** beta-plus decay radioisotopes
***BT1** dysprosium isotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** rare earth nuclei
***BT1** seconds living radioisotopes

DYSPROSIUM 146

1981-09-17
***BT1** beta-plus decay radioisotopes
***BT1** dysprosium isotopes
***BT1** even-even nuclei
***BT1** rare earth nuclei
***BT1** seconds living radioisotopes

DYSPROSIUM 147

ETDE: 1975-07-29
***BT1** beta-plus decay radioisotopes
***BT1** dysprosium isotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** isomeric transition isotopes
***BT1** minutes living radioisotopes
***BT1** rare earth nuclei
***BT1** seconds living radioisotopes

DYSPROSIUM 148

***BT1** beta-plus decay radioisotopes
***BT1** dysprosium isotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** minutes living radioisotopes
***BT1** rare earth nuclei

DYSPROSIUM 149

- *BT1 beta-plus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 150

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 151

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 152

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 153

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 154

- *BT1 alpha decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 years living radioisotopes

DYSPROSIUM 154 TARGET

INIS: 1977-09-15; ETDE: 1977-11-10
BT1 targets

DYSPROSIUM 155

- *BT1 beta-plus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 156

- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

DYSPROSIUM 156 TARGET

INIS: 1976-02-11; ETDE: 1976-07-12
BT1 targets

DYSPROSIUM 157

- *BT1 beta-plus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 158

- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

DYSPROSIUM 158 TARGET

INIS: 1975-09-26; ETDE: 1976-07-09
BT1 targets

DYSPROSIUM 159

- *BT1 days living radioisotopes
- *BT1 dysprosium isotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 internal conversion radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 160

- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

DYSPROSIUM 160 TARGET

ETDE: 1976-07-09
BT1 targets

DYSPROSIUM 161

- *BT1 dysprosium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

DYSPROSIUM 161 REACTIONS

1984-11-30
*BT1 heavy ion reactions

DYSPROSIUM 161 TARGET

ETDE: 1976-07-09
BT1 targets

DYSPROSIUM 162

- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

DYSPROSIUM 162 TARGET

ETDE: 1976-07-09
BT1 targets

DYSPROSIUM 163

- *BT1 dysprosium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

DYSPROSIUM 163 TARGET

ETDE: 1976-07-09
BT1 targets

DYSPROSIUM 164

- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

DYSPROSIUM 164 TARGET

ETDE: 1976-07-09
BT1 targets

DYSPROSIUM 165

- *BT1 beta-minus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 165 TARGET

INIS: 1981-08-06; ETDE: 1981-09-22
BT1 targets

DYSPROSIUM 166

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei

DYSPROSIUM 167

- *BT1 beta-minus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 168

INIS: 1982-08-27; ETDE: 1980-05-06

- *BT1 beta-minus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

DYSPROSIUM 169

INIS: 1990-12-05; ETDE: 1991-01-15

- *BT1 beta-minus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

DYSPROSIUM 170

2007-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

DYSPROSIUM 171

2007-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

DYSPROSIUM 172

2007-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei

DYSPROSIUM 173

2007-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 dysprosium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei

DYSPROSIUM ADDITIONS

Alloys containing not more than 1% Dy are listed here.

- *BT1 dysprosium alloys
- *BT1 rare earth additions

DYSPROSIUM ALLOYS

Alloys containing more than 1% Dy.

- *BT1 rare earth alloys
- NT1 dysprosium additions
- NT1 dysprosium base alloys

DYSPROSIUM BASE ALLOYS

- *BT1 dysprosium alloys

DYSPROSIUM BORIDES

- *BT1 borides
- *BT1 dysprosium compounds

DYSPROSIUM BROMIDES

- *BT1 bromides
- *BT1 dysprosium halides

DYSPROSIUM CARBIDES

- *BT1 carbides
- *BT1 dysprosium compounds

DYSPROSIUM CHLORIDES

- *BT1 chlorides
- *BT1 dysprosium halides

DYSPROSIUM COMPLEXES

- *BT1 rare earth complexes

DYSPROSIUM COMPOUNDS

1997-06-17

- BT1 rare earth compounds
- NT1 dysprosium borides
- NT1 dysprosium carbides
- NT1 dysprosium halides
- NT2 dysprosium bromides
- NT2 dysprosium chlorides
- NT2 dysprosium fluorides
- NT2 dysprosium iodides
- NT1 dysprosium hydrides
- NT1 dysprosium hydroxides
- NT1 dysprosium nitrates
- NT1 dysprosium nitrides
- NT1 dysprosium oxides
- NT1 dysprosium perchlorates
- NT1 dysprosium phosphates
- NT1 dysprosium phosphides
- NT1 dysprosium selenides
- NT1 dysprosium silicates
- NT1 dysprosium silicides
- NT1 dysprosium sulfates
- NT1 dysprosium sulfides
- NT1 dysprosium tellurides
- NT1 dysprosium tungstates

DYSPROSIUM FLUORIDES

- *BT1 dysprosium halides
- *BT1 fluorides

DYSPROSIUM HALIDES

2012-07-19

- *BT1 dysprosium compounds
- *BT1 halides
- NT1 dysprosium bromides
- NT1 dysprosium chlorides
- NT1 dysprosium fluorides
- NT1 dysprosium iodides

DYSPROSIUM HYDRIDES

- *BT1 dysprosium compounds
- *BT1 hydrides

DYSPROSIUM HYDROXIDES

- *BT1 dysprosium compounds
- *BT1 hydroxides

DYSPROSIUM IODIDES

- *BT1 dysprosium halides
- *BT1 iodides

DYSPROSIUM IONS

- *BT1 ions

DYSPROSIUM ISOTOPES

- BT1 isotopes
- NT1 dysprosium 138
- NT1 dysprosium 139
- NT1 dysprosium 140
- NT1 dysprosium 141
- NT1 dysprosium 142
- NT1 dysprosium 143
- NT1 dysprosium 144
- NT1 dysprosium 145
- NT1 dysprosium 146
- NT1 dysprosium 147
- NT1 dysprosium 148
- NT1 dysprosium 149
- NT1 dysprosium 150
- NT1 dysprosium 151
- NT1 dysprosium 152

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- NT1 dysprosium 169
- NT1 dysprosium 170
- NT1 dysprosium 171
- NT1 dysprosium 172
- NT1 dysprosium 173

DYSPROSIUM NITRATES

- *BT1 dysprosium compounds
- *BT1 nitrates

DYSPROSIUM NITRIDES

- *BT1 dysprosium compounds
- *BT1 nitrides

DYSPROSIUM OXIDES

- *BT1 dysprosium compounds
- *BT1 oxides

DYSPROSIUM PERCHLORATES

1996-07-18

(From July 1996 to November 2007

DYSPROSIUM COMPOUNDS + PERCHLORATES was used for this concept.)

- *BT1 dysprosium compounds
- *BT1 perchlorates

DYSPROSIUM PHOSPHATES

1975-10-23

- *BT1 dysprosium compounds
- *BT1 phosphates

DYSPROSIUM PHOSPHIDES

INIS: 2000-04-12; ETDE: 1977-04-12

- *BT1 dysprosium compounds
- *BT1 phosphides

DYSPROSIUM SELENIDES

INIS: 1982-02-10; ETDE: 1977-12-22

- *BT1 dysprosium compounds
- *BT1 selenides

DYSPROSIUM SILICATES

INIS: 1991-09-16; ETDE: 1982-12-01

- *BT1 dysprosium compounds
- *BT1 silicates

DYSPROSIUM SILICIDES

- *BT1 dysprosium compounds
- *BT1 silicides

DYSPROSIUM SULFATES

- *BT1 dysprosium compounds
- *BT1 sulfates

DYSPROSIUM SULFIDES

- *BT1 dysprosium compounds
- *BT1 sulfides

DYSPROSIUM TELLURIDES

INIS: 1978-02-23; ETDE: 1977-10-20

- *BT1 dysprosium compounds
- *BT1 tellurides

DYSPROSIUM TUNGSTATES

INIS: 2000-04-12; ETDE: 1977-06-02

- *BT1 dysprosium compounds
- *BT1 tungstates

e-1422 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE f1-1420 mesons

e-beam type reactors

INIS: 1982-11-29; ETDE: 1976-09-15

USE electron beam fusion reactors

E CENTERS

- *BT1 color centers

E CODES

- BT1 computer codes

e layer

- USE e region

E-LEARNING

2016-06-24

- UF computer-aided instruction
- UF electronic learning
- BT1 learning
- *BT1 training

E REGION

- UF e layer
- *BT1 ionosphere
- NT1 sporadic e

E STATES

- BT1 energy levels

e-wastes

2016-03-21

USE electronic wastes

E0-TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-04-28

Electric monopole transitions.

- UF electric monopole transitions
- *BT1 multipole transitions

E1-TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-04-28

Electric dipole transitions.

- UF electric dipole transitions
- *BT1 multipole transitions

E2-TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-04-28

Electric quadrupole transitions.

- UF electric quadrupole transitions
- *BT1 multipole transitions

E3-TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-04-28

Electric octupole transitions.

- UF electric octupole transitions
- *BT1 multipole transitions

E4-TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-04-28

Electric hexadecapole transitions.

- UF electric hexadecapole transitions
- *BT1 multipole transitions

early notification convention

INIS: 1989-02-24; ETDE: 1989-03-20

USE cenna

EARLY RADIATION EFFECTS

- UF early radiation injuries
- UF immediate radiation effects
- *BT1 biological radiation effects
- RT biological indicators
- RT delayed radiation effects
- RT time dependence

early radiation injuries

- USE early radiation effects
- USE radiation injuries

ears

USE auditory organs

earth (electric grounds)

INIS: 1982-06-09; ETDE: 2002-06-13

USE electric grounds

EARTH ATMOSPHERE

NT1 earth magnetosphere

NT2 magnetotail

NT2 plasma sheet

NT2 plasmopause

NT2 plasmasphere

NT1 exosphere

NT1 ionosphere

NT2 c region

NT2 d region

NT2 e region

NT3 sporadic e

NT2 f region

NT3 f1 layer

NT3 f2 layer

NT3 spread f

NT1 mesosphere

NT1 stratosphere

NT1 thermosphere

NT1 troposphere

NT2 tropopause

RT air

RT airglow

RT atmospheric circulation

RT atmospheric explosions

RT atmospheric precipitations

RT atmospheric pressure

RT earth planet

RT environment

RT fallout

RT geocorona

RT global aspects

RT greenhouse effect

RT meteorology

RT radioactive clouds

RT residence half-time

RT surface air

RT temperature inversions

EARTH BERMS

INIS: 2000-04-12; ETDE: 1979-09-26

Earth banks used to moderate temperature change.

UF berms

RT earth-covered buildings

RT landscaping

RT thermal insulation

EARTH CORE

1988-02-02

UF core (earth)

RT earth crust

RT earth mantle

RT earth planet

EARTH-COVERED BUILDINGS

INIS: 1997-06-17; ETDE: 1977-09-19

UF underground buildings

BT1 buildings

RT earth berms

RT fallout shelters

RT subsurface structures

EARTH CRUST

(Prior to March 1997 MOHOLE PROJECT was a valid ETDE descriptor.)

SF mohole project

NT1 continental crust

NT1 oceanic crust

RT earth core

RT earth mantle

RT earth planet

RT geology

RT geomorphology

RT geothermal energy

RT natural occurrence

RT particle resuspension

RT plate tectonics

RT sea bed

RT sea-floor spreading

RT soil mechanics

RT volcanoes

EARTH MAGNETOSPHERE

INIS: 1999-04-28; ETDE: 1979-10-03

UF magnetosphere (earth)

BT1 earth atmosphere

NT1 magnetotail

NT1 plasma sheet

NT1 plasmopause

NT1 plasmasphere

RT geomagnetic field

RT international magnetospheric study

RT loss cone

RT magnetic storms

RT magnetopause

RT magnetosheath

RT planetary magnetospheres

RT polar cusp

RT radiation belts

EARTH MANTLE

1985-12-10

Intermediate shell zone of the earth below the crust and above the core.

SF mohole project

RT earth core

RT earth crust

RT earth planet

RT overburden

EARTH PENETRATORS

INIS: 2000-04-12; ETDE: 1976-09-28

BT1 penetrators

NT1 subterrene penetrators

RT projectiles

EARTH PLANET

1999-04-28

SF world

BT1 planets

NT1 northern hemisphere

NT1 southern hemisphere

RT continental crust

RT earth atmosphere

RT earth core

RT earth crust

RT earth mantle

RT geography

RT geology

RT geophysics

RT oceanic crust

RT oceanography

RT topography

earthing

INIS: 2000-04-12; ETDE: 1984-02-10

USE electric grounds

earthing (electric grounds)

INIS: 1984-02-22; ETDE: 2002-06-13

USE electric grounds

EARTHMIVING EQUIPMENT

INIS: 1983-06-30; ETDE: 1977-03-04

UF excavators

*BT1 materials handling equipment

NT1 bucket wheel excavators

NT1 draglines

RT boreholes

RT excavation

RT mining equipment

RT vehicles

earthquake foci

INIS: 2000-04-12; ETDE: 1979-04-11

Those points within the earth which are the center of earthquakes and the origins of their elastic waves.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE earthquakes

USE origin

earthquake magnitude

INIS: 2000-04-12; ETDE: 1978-06-14

A measure of the strength of an earthquake or the strain energy released by it, as determined by seismographic observations.

(Prior to March 1996 this was a valid ETDE descriptor.)

USE earthquakes

EARTHQUAKES

(From June 1978 until March 1996

EARTHQUAKE MAGNITUDE was a valid ETDE descriptor.)

UF benioff zone

UF earthquake foci

UF earthquake magnitude

BT1 seismic events

NT1 microearthquakes

RT aftershocks

RT epicenters

RT exceptional natural disaster

RT foreshocks

RT geodetic surveys

RT geologic faults

RT ground motion

RT hypocenters

RT landslides

RT precursor

RT rayleigh waves

RT seismic effects

RT seismic isolation

RT seismic p waves

RT seismic s waves

RT seismic surface waves

RT seismic waves

RT seismicity

RT seismographs

RT seismology

RT shock waves

RT soil-structure interactions

RT tsunamis

earthworms

INIS: 2000-04-12; ETDE: 1976-12-15

USE annelids

east china sea

INIS: 1992-01-16; ETDE: 1981-03-16

USE china sea

east coast

INIS: 2000-04-12; ETDE: 1979-12-10

(Prior to December 1991 this was a valid ETDE descriptor.)

USE us east coast

east facility

INIS: 2000-04-12; ETDE: 1981-08-21

Primary systems test and evaluation facility at Savannah River Plant for DOE's residual energy applications program (REAP) for R and D on heat recovery and conversion equipment.

(Prior to February 1995, this was a valid ETDE descriptor.)

SEE savannah river plant

EAST MESA GEOTHERMAL FIELD

INIS: 1992-06-04; ETDE: 1977-03-04

BT1 geothermal fields

RT imperial valley

east pakistan

INIS: 2000-04-12; ETDE: 1976-05-17

USE bangladesh

east tokamak

2006-07-25

USE ht-7u tokamak

EAST-WEST ASYMMETRY

For global aspects only.

BT1 asymmetry

RT cosmic radiation

RT geographical variations

EASTERN EUROPE

INIS: 1997-11-11; ETDE: 1993-01-27

BT1 europe

NT1 albania

NT1 belarus

NT1 bosnia and herzegovina

NT1 bulgaria

NT1 croatia

NT1 czech republic

NT1 estonia

NT1 hungary

NT1 latvia

NT1 lithuania

NT1 moldova

NT1 montenegro

NT1 poland

NT1 romania

NT1 russian federation

NT2 dubna

NT2 kamchatka

NT2 kurile islands

NT2 lovozero

NT2 novaya zemlya

NT2 siberia

NT1 serbia

NT1 slovakia

NT1 slovenia

NT1 the former yugoslav republic of macedonia

NT1 ukraine

NT2 crimea

easton power reactor

USE fitzpatrick reactor

EBASCO STANDARD PLANT

INIS: 1978-11-24; ETDE: 1978-08-07

Ebasco Services reference PWR nuclear power plant.

*BT1 nuclear power plants

ebd

INIS: 2000-04-12; ETDE: 1980-02-13

USE energy beam deposition

ebd films

INIS: 2000-04-12; ETDE: 1980-02-11

Energy beam deposition films.

(Prior to February 1997 ENERGY BEAM DEPOSITION FILMS was a valid ETDE descriptor.)

USE energy beam deposition

USE thin films

ebfa

INIS: 1981-02-27; ETDE: 1979-07-24

USE electron beam fusion accelerator

ebic

INIS: 2000-04-12; ETDE: 1983-03-23

USE scanning electron microscopy

ebis

INIS: 2000-04-12; ETDE: 1976-05-17

USE electron beam ion sources

EBONITE

BT1 vulcanized elastomers

EBOR REACTOR

INEEL, Idaho Falls, Idaho, USA. Never operational.

UF experimental beryllium oxide reactor

*BT1 beryllium moderated reactors

*BT1 enriched uranium reactors

*BT1 helium cooled reactors

*BT1 power reactors

*BT1 research reactors

*BT1 solid homogeneous reactors

*BT1 test reactors

*BT1 thermal reactors

EBR-1 REACTOR

ANL/INEEL, Idaho Falls, Idaho, USA.

Decommissioned in 1964.

UF experimental breeder reactor-1

*BT1 experimental reactors

*BT1 lmfr type reactors

*BT1 nak cooled reactors

*BT1 plutonium reactors

*BT1 potassium cooled reactors

*BT1 power reactors

*BT1 research reactors

*BT1 sodium cooled reactors

*BT1 test reactors

RT natural uranium reactors

EBR-2 REACTOR

ANL/INEEL, Idaho Falls, Idaho, USA. Shut down in 1994.

UF experimental breeder reactor-2

*BT1 experimental reactors

*BT1 lmfr type reactors

*BT1 power reactors

*BT1 sodium cooled reactors

RT enriched uranium reactors

RT plutonium reactors

EBULLATED BED

INIS: 2000-04-12; ETDE: 1978-02-14

Gas-liquid-solid fluidization.

RT fluidized beds

RT packed beds

EBWR REACTOR

ANL, Argonne, Illinois, USA. Shut down in 1967.

UF experimental boiling water reactor

*BT1 bwr type reactors

*BT1 experimental reactors

ECAT SCANNING

INIS: 1980-04-02; ETDE: 1979-05-09

Emission Computer Axial Tomography scanning.

UF emission computer axial tomography scanning

*BT1 emission computed tomography

*BT1 photon emission scanning

RT image processing

RT radioisotope scanning

RT radiopharmaceuticals

eccles-jordan circuits

USE flip-flop circuits

ECCS

UF emergency core cooling system

*BT1 reactor protection systems

NT1 core flooding systems

NT1 core spray systems

NT1 high pressure coolant injection

NT1 low pressure coolant injection

RT depressurization systems

RT reactor safety experiments

RT safety injection

ECEL REACTOR

Atomics International Div., Rockwell

International, Canoga Park, California, USA.

*BT1 fast reactors

*BT1 zero power reactors

echelle gratings

INIS: 1984-01-18; ETDE: 2002-06-13

USE diffraction gratings

echelon gratings

INIS: 1984-01-18; ETDE: 2002-06-13

USE diffraction gratings

ECHINODERMS

*BT1 benthos

*BT1 invertebrates

NT1 sea urchins

RT exoskeleton

echography

INIS: 1984-04-04; ETDE: 1984-05-10

Method to detect inhomogenities in the human body by means of reflected ultrasonic waves.

USE ultrasonography

ECLIPSE

UF lunar occultation

UF occultation

UF solar occultation

RT astronomy

ECN

INIS: 1977-02-08; ETDE: 1977-04-13

Energieonderzoek Centrum Nederland; prior to 1 August 1976 known as Reactor Centrum Nederland, and documents written before that date should be indexed to RCN.

UF energieonderzoek centrum nederland

*BT1 netherlands organizations

NT1 rcn

ECO REACTOR

UF experience critique orgel

*BT1 heavy water moderated reactors

*BT1 natural uranium reactors

*BT1 organic cooled reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 test reactors

ecobalance

2008-02-07

NOT for ECOLOGICAL BALANCE

USE life cycle assessment

ECOLOGICAL BALANCE

2008-02-07

State of dynamic equilibrium within a community of organisms in which genetic, species and ecosystem diversity remain relatively stable.

RT ecological succession

RT ecology

RT ecosystems

RT genetic variability

RT population dynamics

RT species diversity

ecological communities

USE ecosystems

ECOLOGICAL CONCENTRATION

INIS: 1976-07-16; ETDE: 1975-11-11

Concentration of a substance in organisms or the environment.

UF concentration processes (ecological)

UF environmental concentration

UF transfer factors (biological)

SF concentration

NT1 radioecological concentration

RT carbon cycle

RT concentration ratio
 RT environmental transport
 RT mineral cycling
 RT nitrogen cycle
 RT sulfur cycle

ECOLOGICAL SUCCESSION

INIS: 1986-07-09; ETDE: 1981-07-06
Orderly and progressive change in animal and/or plant communities.

RT competition
 RT ecological balance
 RT ecology
 RT population dynamics
 RT species diversity

ECOLOGY

NT1 baseline ecology
 NT1 radioecology
 RT animals
 RT biological adaptation
 RT biological extinction
 RT ecological balance
 RT ecological succession
 RT ecosystems
 RT home range
 RT predator-prey interactions
 RT regional analysis
 RT species diversity
 RT symbiosis

ECONOMETRICS

The application of mathematical methods to the study of economic data and problems.

BT1 economics
 RT dynamic programming
 RT economic analysis
 RT economic elasticity
 RT linear programming
 RT nonlinear programming
 RT optimization

ECONOMIC ANALYSIS

INIS: 1999-06-29; ETDE: 1978-04-06

BT1 economics
 NT1 cost benefit analysis
 NT1 cost effectiveness analysis
 NT1 input-output analysis
 RT capitalized cost
 RT econometrics
 RT economy
 RT energy analysis
 RT operating cost
 RT per capita values
 RT regional analysis
 RT regression analysis

ECONOMIC DEVELOPMENT

1997-06-19

UF *economic growth*
 UF *growth (economic)*
 RT centrally planned economies
 RT commercial sector
 RT commercialization
 RT developed countries
 RT economic policy
 RT economics
 RT gross domestic product
 RT gross national product
 RT industry
 RT inflation
 RT nuclear trade
 RT resource development
 RT standard of living
 RT sustainable development
 RT us economic recovery tax act
 RT world bank

ECONOMIC ELASTICITY

INIS: 2000-05-02; ETDE: 1975-11-11
 UF *elasticity (economic)*

RT econometrics
 RT economics
 RT energy expenses
 RT energy substitution
 RT prices

economic growth

INIS: 1993-02-01; ETDE: 1977-10-20
 (Prior to February 1992, this was a valid ETDE descriptor.)

USE economic development

ECONOMIC IMPACT

INIS: 1991-10-11; ETDE: 1977-01-31
 RT economics
 RT socio-economic factors
 RT technology impacts

ECONOMIC POLICY

1999-06-29

BT1 government policies
 RT allocations
 RT centrally planned economies
 RT deregulation
 RT economic development
 RT economics
 RT forecasting
 RT foreign policy
 RT nationalization
 RT nuclear trade
 RT pricing regulations
 RT taxes

economic recovery tax act

INIS: 2000-04-12; ETDE: 1982-02-08
 (Prior to February 1992 this was a valid ETDE descriptor.)

USE us economic recovery tax act

ECONOMIC REGULATORY ADMINISTRATION

INIS: 2000-04-12; ETDE: 1980-03-29

UF *us era*
 *BT1 *us doe*

ECONOMICS

SF *values*
 NT1 econometrics
 NT1 economic analysis
 NT2 cost benefit analysis
 NT2 cost effectiveness analysis
 NT2 input-output analysis
 RT availability
 RT budgets
 RT capital
 RT competition
 RT cost
 RT depreciation
 RT deregulation
 RT economic development
 RT economic elasticity
 RT economic impact
 RT economic policy
 RT economy
 RT environmental policy
 RT expenditures
 RT feasibility studies
 RT financial data
 RT financial incentives
 RT financing
 RT foreign exchange rate
 RT gross national product
 RT income
 RT income distribution
 RT investment
 RT life-cycle cost
 RT low income groups
 RT market
 RT payback period
 RT profits
 RT property values

RT regional analysis
 RT resellers
 RT retailers
 RT royalties
 RT sellback
 RT socio-economic factors
 RT spot market
 RT supply and demand
 RT tax credits
 RT taxes
 RT trade

ECONOMIZERS

RT reactor cooling systems
 RT steam generators

ECONOMY

The structure of economic life in a country or area.

RT business
 RT diversification
 RT economic analysis
 RT economics
 RT financing
 RT forecasting
 RT globalization
 RT gross national product
 RT input-output analysis
 RT lending institutions
 RT small businesses
 RT technology impacts

ECOSYSTEMS

UF *biocenoses*
 UF *biogeocenoses*
 UF *communities (ecological)*
 UF *ecological communities*
 UF *energy budgets*
 NT1 aquatic ecosystems
 NT2 wetlands
 NT3 marshes
 NT3 swamps
 NT1 terrestrial ecosystems
 NT2 rangelands
 NT2 savannas
 NT2 swamps
 RT agriculture
 RT biology
 RT biosphere
 RT carbon cycle
 RT ecological balance
 RT ecology
 RT environment
 RT environmental exposure pathway
 RT forest litter
 RT habitat fragmentation
 RT mineral cycling
 RT nature reserves
 RT nitrogen cycle
 RT pesticides
 RT population dynamics
 RT populations
 RT predator-prey interactions
 RT radioecological concentration
 RT radionuclide migration
 RT soils
 RT species diversity
 RT sulfur cycle

ecpa

INIS: 2000-04-12; ETDE: 1977-11-28

USE energy conservation and production act

ecr

USE electron cyclotron-resonance

ECR CURRENT DRIVE

INIS: 1999-07-26; ETDE: 1999-09-03

UF *electron cyclotron-resonance current drive*

BT1 non-inductive current drive
RT ecr heating

ECR HEATING

UF electron cyclotron-resonance heating
*BT1 high-frequency heating
RT ecr current drive
RT electron cyclotron-resonance

ECR ION SOURCES

1995-07-03

Ion sources based on electron cyclotron-resonance absorption of rf power launched into a hot electron plasma.

UF ecris
UF electron cyclotron-resonance ion sources
BT1 ion sources
RT electron cyclotron-resonance
RT jinr dc-110 cyclotron

ecris

1995-07-03

USE ecr ion sources

ECSC

UF european coal and steel community
*BT1 european union

ECUADOR

BT1 developing countries
*BT1 south america
RT andes
RT opec

ECZEMA

*BT1 skin diseases
RT allergy

EDDHA

UF n,n-ethylenebis(2-(o-hydroxyphenyl)glycine)
*BT1 amino acids
BT1 chelating agents
*BT1 hydroxy acids

EDDINGTON THEORY

RT spectra

EDDY CURRENT TESTING

*BT1 electromagnetic testing
RT eddy currents

EDDY CURRENTS

Limited to electric currents.

*BT1 electric currents
RT eddy current testing

EDEMA

BT1 pathological changes
BT1 symptoms
RT body fluids
RT diuretics
RT extracellular space
RT retention

edf-1 reactor

USE chinon-a1 reactor

edf-2 reactor

USE chinon-a2 reactor

edf-3 reactor

USE chinon-a3 reactor

edf-4 reactor

USE saint laurent-a1 reactor

edf-5 reactor

USE bugy-1 reactor

EDGE DISLOCATIONS

*BT1 dislocations

EDGE LOCALIZED MODES

INIS: 1989-12-07; ETDE: 1990-01-03
UF elm (plasma physics)
*BT1 plasma macroinstabilities
RT h-mode plasma confinement

EDNA DEPOSIT

INIS: 2000-04-12; ETDE: 1983-07-07
*BT1 oil sand deposits
RT california
RT oil sands

eds liquefaction

INIS: 2000-04-12; ETDE: 1980-10-27
USE Exxon liquefaction process

EDTA

UF ethylenediaminetetraacetic acid
UF sequestrene
UF versene
*BT1 amino acids
BT1 chelating agents

EDUCATION

UF teaching
NT1 training
NT2 e-learning
RT adolescents
RT children
RT educational facilities
RT educational tools
RT learning
RT manuals
RT safety culture
RT technology transfer

EDUCATIONAL FACILITIES

INIS: 1983-06-30; ETDE: 1979-05-31
UF colleges
UF facilities (educational)
UF museums
UF school facilities
UF school plant
UF schools
UF teaching facilities
UF training facilities
UF universities
NT1 school buildings
RT education
RT educational tools
RT exhibits
RT information centers
RT libraries

EDUCATIONAL TOOLS

INIS: 1992-02-05; ETDE: 1977-06-21
Activities or materials such as movies, slides, or computer media intended to assist in promoting learning or understanding.
UF curriculum guides
UF tools (educational)
RT education
RT educational facilities
RT exhibits
RT training

edwin i. hatch-1 reactor

USE hatch-1 reactor

edwin i. hatch-2 reactor

USE hatch-2 reactor

EEL

*BT1 fishes

ees

INIS: 2000-04-12; ETDE: 1977-04-12
USE us energy extension service

EEV RANGE

INIS: 1977-01-26; ETDE: 1976-08-24
From 10 exp 18 to 10 exp 21 eV.
BT1 energy range

EFD WIND GENERATORS

INIS: 2000-04-12; ETDE: 1977-11-09
UF electrofluid dynamic wind generator
BT1 direct energy converters
*BT1 wind power plants

EFDR-50 REACTOR

INIS: 1977-04-07; ETDE: 1977-06-03
Entwickelter Fortschrittlicher Druckwasser Reactor for ship propulsion with 50000 SHP.
UF entwickelter fortschrittlicher druckwasser reaktor
*BT1 pwr type reactors
*BT1 ship propulsion reactors

EFFECTIVE CHARGE

Observed charge of nucleus or atom, less than Ze because of screening effects.
RT nuclear screening

effective doses

2018-02-22
USE effective radiation doses

effective energy (internal irradiation)

USE internal irradiation
USE spatial dose distributions

effective half-life

USE biological half-life

EFFECTIVE MASS

BT1 mass

EFFECTIVE RADIATION DOSES

2018-02-22
Calculated sum of the equivalent doses in all specified tissues and organs of the human body and represents the stochastic health risk to the whole body.
UF effective doses
*BT1 radiation doses
RT biological radiation effects
RT dose equivalents
RT personnel monitoring

EFFECTIVE RANGE THEORY

RT efimov effect
RT interactions
RT nucleons
RT scattering

EFFICIENCY

UF automobile efficiency standards
UF decontamination factor
UF dose reduction factor
UF dose relative factor
UF drf
NT1 energy efficiency
NT1 heat rate
NT1 mechanical efficiency
NT1 quantum efficiency
NT1 thermal efficiency
RT coefficient of performance
RT comparative evaluations
RT cost effectiveness analysis
RT energy conservation
RT energy yield
RT feasibility studies
RT net energy
RT performance
RT productivity
RT spectral response
RT uses

effluents (chemical)

INIS: 1982-08-27; ETDE: 1975-12-16
USE chemical effluents

effluents (gaseous)

INIS: 1975-10-09; ETDE: 1975-12-16
USE gaseous wastes

effluents (liquid)

INIS: 1975-10-09; ETDE: 1975-12-16
USE liquid wastes

effluents (radioactive)

INIS: 1975-10-09; ETDE: 1975-12-16
USE radioactive effluents

effluents (thermal)

USE thermal effluents

effusion

INIS: 2000-04-12; ETDE: 1981-06-13
USE diffusion

EFG METHOD

INIS: 2000-04-12; ETDE: 1979-08-07
Edge-defined, film-fed growth method for crystal growth.

BT1 crystal growth methods
RT cast method
RT crystal growth
RT inverted stepanov method

EFIMOV EFFECT

INIS: 1985-11-19; ETDE: 1985-12-13
The conjectured possibility of an anomalous behaviour of a resonant interacting three-body system near the three-body breakup threshold.

RT bound state
RT effective range theory
RT three-body problem

efr reactor

INIS: 1977-03-01; ETDE: 1977-04-12
USE joyo reactor

EGCR REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut down.

UF experimental gas cooled reactor
*BT1 enriched uranium reactors
*BT1 experimental reactors
*BT1 graphite moderated reactors
*BT1 helium cooled reactors
*BT1 power reactors
*BT1 thermal reactors

EGGS

UF yolk
RT birds
RT food
RT hatching
RT ichthyoplankton
RT ova

egr systems

INIS: 2000-04-12; ETDE: 1976-01-07
USE exhaust recirculation systems

EGTA

INIS: 1977-09-15; ETDE: 1977-11-10
Ethyleneglycol-bis(2-aminoethylether) tetraacetic acid.
*BT1 carboxylic acids
BT1 chelating agents
*BT1 glycols

EGYPTIAN ARAB REPUBLIC

UF arab republic of egypt
UF uar
UF united arab republic
BT1 africa

BT1 arab countries
BT1 developing countries
BT1 middle east
RT nile river
RT oapec
RT red sea
RT suez canal

EGYPTIAN ATOMIC ENERGY COMMISSION

2006-10-13
*BT1 egyptian organizations

EGYPTIAN ORGANIZATIONS

2004-03-31
BT1 national organizations
NT1 egyptian atomic energy commission

egyptian testing research reactor-1

2005-05-18
USE etrr-1 reactor

egyptian testing research reactor-2

2005-05-18
USE etrr-2 reactor

eh (redox potential)

INIS: 2000-04-12; ETDE: 1982-12-01
USE redox potential

ehd channels

INIS: 2000-04-12; ETDE: 1979-03-28
(Prior to February 1995, this was a valid ETDE descriptor.)
SEE ehd generators

EHD GENERATORS

UF electrohydrodynamic generators
SF ehd channels
SF electrohydrodynamic channels
BT1 direct energy converters
RT electrohydrodynamics

ehf radiation

USE microwave radiation

EHRLICH ASCITES TUMOR

*BT1 experimental neoplasms
RT ascites
RT ascites tumor cells

EHV AC SYSTEMS

INIS: 1993-01-18; ETDE: 1976-05-17
230-765 kV.
UF extrahigh voltage ac systems
UF extrahigh voltage alternating current systems
*BT1 ac systems

EHV DC SYSTEMS

INIS: 1992-03-09; ETDE: 1976-05-17
230-765 kV.
UF extrahigh voltage dc systems
UF extrahigh voltage direct current systems
*BT1 dc systems

EICOSANOIC ACID

UF arachidic acid
*BT1 monocarboxylic acids

EIGENFREQUENCY

UF frequency (eigen)
RT eigenvalues
RT hydrodynamic mass effect

EIGENFUNCTIONS

BT1 functions
RT expectation value
RT quantum mechanics
RT sturm-liouville equation
RT wave functions

EIGENSTATES

UF coherent states
RT density of states
RT energy levels
RT pure states
RT quantum mechanics

EIGENVALUES

RT eigenfrequency
RT expectation value
RT mathematical operators
RT multiplicity
RT quantum mechanics
RT secular equation

EIGENVECTORS

RT mathematical operators
RT mathematics
RT vectors

eightfold way

USE octet model

eiip

INIS: 2000-04-12; ETDE: 1979-09-26
Energy Integrated Industrial Parks.
USE energy parks

EIKONAL APPROXIMATION

*BT1 approximations
RT scattering amplitudes
RT straight-line path approximation

eindhoven argonaut reactor

2000-04-12
USE athene reactor

EINDHOVEN CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-03-24
Eindhoven AVF cyclotron.
*BT1 isochronous cyclotrons

EINSTEIN COEFFICIENTS

RT energy-level transitions
RT oscillator strengths
RT stimulated emission

einstein-de sitter model

USE cosmological models

EINSTEIN EFFECT

INIS: 1975-10-23; ETDE: 1975-12-16
A shift towards longer wavelengths of spectral lines emitted by atoms in strong gravitational fields.

UF einstein shift
RT general relativity theory
RT gravitation
RT gravitational fields
RT red shift
RT spectral shift

EINSTEIN FIELD EQUATIONS

*BT1 field equations
RT cosmological constant
RT general relativity theory
RT gravitational fields
RT kerr field

einstein gravitation theory

USE general relativity theory

EINSTEIN-MAXWELL EQUATIONS

UF electrovac equations
*BT1 field equations
RT electromagnetic fields
RT general relativity theory
RT gravitational fields
RT gravitational waves

EINSTEIN-SCHROEDINGER THEORY

*BT1 unified field theories

einstein shift

INIS: 1975-10-23; ETDE: 1975-12-16
USE einstein effect

EINSTEINIUM

- *BT1 actinides
- *BT1 transplutonium elements

EINSTEINIUM 240

2007-10-22
*BT1 actinide nuclei
*BT1 einsteinium isotopes
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei

EINSTEINIUM 241

2007-10-22
*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 einsteinium isotopes
*BT1 electron capture radioisotopes
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes

EINSTEINIUM 242

2007-10-22
*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 einsteinium isotopes
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes

EINSTEINIUM 243

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 einsteinium isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

EINSTEINIUM 244

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

EINSTEINIUM 245

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

EINSTEINIUM 246

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

EINSTEINIUM 247

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

EINSTEINIUM 248

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

EINSTEINIUM 249

- *BT1 actinide nuclei

- *BT1 alpha decay radioisotopes
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei

EINSTEINIUM 250

- *BT1 actinide nuclei
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 odd-odd nuclei

EINSTEINIUM 251

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-even nuclei

EINSTEINIUM 252

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-odd nuclei
- *BT1 years living radioisotopes

EINSTEINIUM 253

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 einsteinium isotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes

EINSTEINIUM 253 TARGET

INIS: 1978-01-13; ETDE: 1977-08-24
BT1 targets

EINSTEINIUM 254

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 einsteinium isotopes
- *BT1 electron capture radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 odd-odd nuclei
- *BT1 spontaneous fission radioisotopes

EINSTEINIUM 254 TARGET

ETDE: 1976-07-09
BT1 targets

EINSTEINIUM 255

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 einsteinium isotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes

EINSTEINIUM 255 TARGET

INIS: 1978-09-28; ETDE: 1978-07-05
BT1 targets

EINSTEINIUM 256

INIS: 1977-01-25; ETDE: 1976-09-14
*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 einsteinium isotopes
*BT1 hours living radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei

EINSTEINIUM 257

2007-10-22
*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 einsteinium isotopes

- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes

EINSTEINIUM 258

2007-10-22
*BT1 actinide nuclei
*BT1 einsteinium isotopes
*BT1 odd-odd nuclei

einsteinium additions

2000-04-12
(Prior to August 1993 this was a valid ETDE descriptor.)
USE alloys
USE einsteinium compounds

EINSTEINIUM ALLOYS

2000-04-12
*BT1 actinide alloys

EINSTEINIUM BROMIDES

1976-01-27
*BT1 bromides
*BT1 einsteinium halides

EINSTEINIUM CHLORIDES

- *BT1 chlorides
- *BT1 einsteinium halides

EINSTEINIUM COMPLEXES

- *BT1 actinide complexes
- *BT1 transuranium complexes

EINSTEINIUM COMPOUNDS

1996-11-13
UF einsteinium additions
BT1 actinide compounds
*BT1 transplutonium compounds
NT1 einsteinium halides
NT2 einsteinium bromides
NT2 einsteinium chlorides
NT2 einsteinium fluorides
NT2 einsteinium iodides
NT1 einsteinium nitrates
NT1 einsteinium oxides

EINSTEINIUM FLUORIDES

INIS: 1997-01-28; ETDE: 1981-01-09
(From October 1996 to February 2008
EINSTEINIUM COMPOUNDS +
FLUORIDES was used for this concept.)
*BT1 einsteinium halides
*BT1 fluorides

EINSTEINIUM HALIDES

2008-02-07
*BT1 einsteinium compounds
*BT1 halides
NT1 einsteinium bromides
NT1 einsteinium chlorides
NT1 einsteinium fluorides
NT1 einsteinium iodides

EINSTEINIUM IODIDES

1997-01-28
(From October 1996 to February 2008
EINSTEINIUM COMPOUNDS + IODIDES
was used for this concept.)
*BT1 einsteinium halides
*BT1 iodides

EINSTEINIUM IONS

- *BT1 ions

EINSTEINIUM ISOTOPES

1999-07-16
BT1 isotopes
NT1 einsteinium 240
NT1 einsteinium 241
NT1 einsteinium 242
NT1 einsteinium 243
NT1 einsteinium 244
NT1 einsteinium 245

NT1 einsteinium 246
NT1 einsteinium 247
NT1 einsteinium 248
NT1 einsteinium 249
NT1 einsteinium 250
NT1 einsteinium 251
NT1 einsteinium 252
NT1 einsteinium 253
NT1 einsteinium 254
NT1 einsteinium 255
NT1 einsteinium 256
NT1 einsteinium 257
NT1 einsteinium 258

EINSTEINIUM NITRATES

*BT1 einsteinium compounds
 *BT1 nitrates

EINSTEINIUM OXIDES

*BT1 einsteinium compounds
 *BT1 oxides

eka-astatine

INIS: 2000-04-12; ETDE: 1978-04-06
 USE tennessine

eka-bismuth

INIS: 2000-04-12; ETDE: 1978-04-06
 USE moscovium

eka-gold

INIS: 2000-04-12; ETDE: 1978-04-06
 USE roentgenium

eka-hafnium

INIS: 2000-04-12; ETDE: 1978-04-06
 USE rutherfordium

eka-iridium

INIS: 2000-04-12; ETDE: 1978-04-06
 USE meitnerium

eka-lead

INIS: 2000-04-12; ETDE: 1978-04-06
 USE flerovium

eka-mercury

INIS: 2000-04-12; ETDE: 1978-04-06
 USE copernicium

eka-osmium

INIS: 2000-04-12; ETDE: 1978-04-06
 USE hassium

eka-platinum

INIS: 2000-04-12; ETDE: 1978-04-06
 USE darmstadtium

eka-polonium

INIS: 2000-04-12; ETDE: 1978-04-06
 USE livermorium

eka-radon

INIS: 2000-04-12; ETDE: 1978-04-06
 USE oganesson

eka-rhenium

INIS: 2000-04-12; ETDE: 1978-04-06
 USE bohrium

eka-tantalum

INIS: 2000-04-12; ETDE: 1978-04-06
 USE dubnium

eka-thallium

INIS: 2000-04-12; ETDE: 1978-04-06
 USE nihonium

eka-tungsten

INIS: 2000-04-12; ETDE: 1978-04-06
 USE seaborgium

EKANITE

2000-04-12

*BT1 silicate minerals
 *BT1 thorium minerals
 *BT1 uranium minerals
 RT thorium silicates
 RT uranium silicates

eku

USE erevan synchrotron

EL-1 REACTOR

Decommissioned since 1987.

UF zoe reactor
 *BT1 experimental reactors
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 isotope production reactors
 *BT1 natural uranium reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 thermal reactors

EL-2 REACTOR

*BT1 carbon dioxide cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 isotope production reactors
 *BT1 natural uranium reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 thermal reactors

EL-3 REACTOR

Saclay, France.

*BT1 enriched uranium reactors
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 isotope production reactors
 *BT1 materials testing reactors
 *BT1 research reactors
 *BT1 tank type reactors

EL-4 REACTOR

Electricite de France, Brennilis / Loqueffret, Monts d'Arree, Finistere, France

UF brennilis reactor
UF monts d'arree reactor
 *BT1 carbon dioxide cooled reactors
 *BT1 enriched uranium reactors
 *BT1 hwgcr type reactors
 *BT1 pressure tube reactors
 *BT1 thermal reactors

el nino

INIS: 1992-06-12; ETDE: 1991-06-21
 USE southern oscillation

EL SALVADOR

*BT1 central america
 BT1 developing countries
 RT ahuachapan geothermal field

EL TATIO GEOTHERMAL FIELD

2000-04-12

BT1 geothermal fields
 RT chile

elastic properties

USE elasticity

ELASTIC SCATTERING

BT1 scattering
NT1 bhabha scattering
NT1 compton effect
NT1 coulomb scattering
NT1 moeller scattering
NT1 mott scattering
NT1 potential scattering
NT1 rutherford scattering
NT1 wigner scattering
 RT blair model
 RT coherent scattering

RT diffuse scattering
 RT quasi-elastic scattering
 RT ramsauer effect
 RT rosenbluth formula
 RT skyrme potential
 RT zero-range approximation

ELASTICITY

UF elastic properties
 BT1 mechanical properties
NT1 photoelasticity
NT1 thermoelasticity
 RT deformation
 RT hooke law
 RT poisson ratio
 RT shape memory effect
 RT strains
 RT young modulus

elasticity (economic)

INIS: 2000-05-02; ETDE: 1980-08-25
 USE economic elasticity

ELASTOMERS

1996-01-24

BT1 polymers
NT1 ethylene propylene diene polymers
NT1 neoprene
NT1 polyisoprene
NT1 rubbers
 NT2 buna
 NT2 latex
 NT2 natural rubber
 NT2 silastic
 NT2 viton
 RT vulcanized elastomers

ELDERLY PEOPLE

INIS: 1985-07-18; ETDE: 1978-02-14
UF aged
 *BT1 aged adults
 *BT1 man
 *BT1 minority groups
 RT handicapped people
 RT life cycle
 RT sociology

ELDOR

UF electron-electron double resonance
 *BT1 magnetic resonance
 RT double resonance methods

ELECTRETS

*BT1 dielectric materials
 RT polarization

ELECTRIC APPLIANCES

INIS: 1993-01-22; ETDE: 1977-06-21
UF stoves (electric)
SF food disposers
 *BT1 appliances
 *BT1 electrical equipment
NT1 clothes dryers
NT1 clothes washers
NT1 dishwashers
NT1 microwave ovens
 RT air conditioners
 RT dehumidifiers
 RT freezers
 RT humidifiers
 RT ovens
 RT refrigerators

ELECTRIC ARCS

*BT1 electric currents
 BT1 electric discharges
 RT electrical faults
 RT flashover
 RT plasma

ELECTRIC BATTERIES

Devices for production and/or storage of electrical energy from chemical reactions; excludes FUEL CELLS and RADIOISOTOPE BATTERIES.

- UF accumulators (electric batteries)
- UF batteries (electric)
- UF secondary batteries
- UF storage batteries
- UF voltaic cells
- BT1 electrochemical cells
- *BT1 energy storage systems
- NT1 lead-acid batteries
- NT1 lithium ion batteries
- NT1 metal-gas batteries
 - NT2 aluminium-air batteries
 - NT2 cadmium-air batteries
 - NT2 iron-air batteries
 - NT2 lithium-chlorine batteries
 - NT2 lithium-water-air batteries
 - NT2 nickel-hydrogen batteries
 - NT2 silver-hydrogen batteries
 - NT2 zinc-air batteries
 - NT2 zinc-chlorine batteries
- NT1 metal-metal batteries
- NT1 metal-metal oxide batteries
 - NT2 iron-nickel batteries
 - NT2 nickel-cadmium batteries
 - NT2 nickel-zinc batteries
 - NT2 silver-cadmium batteries
 - NT2 silver-zinc batteries
 - NT2 zinc-manganese batteries
- NT1 metal-nonmetal batteries
 - NT2 lithium-copper chloride batteries
 - NT2 lithium-polymer batteries
 - NT2 lithium-sulfur batteries
 - NT2 sodium-sulfur batteries
 - NT2 zinc-bromine batteries
- NT1 primary-secondary hybrid batteries
- NT1 redox flow batteries
- NT1 thermal batteries
- RT battery charge state
- RT battery paste
- RT battery separators
- RT cardiac pacemakers
- RT electric-powered vehicles
- RT electrical equipment
- RT electrolytic cells
- RT electromotive force
- RT energy storage
- RT hybrid electric-powered vehicles
- RT off-peak energy storage
- RT primary batteries
- RT solid electrolytes

ELECTRIC BORN MODEL

- *BT1 ope model
- RT electroproduction
- RT photoproduction

ELECTRIC BRIDGES

- UF bridges (electric)
- *BT1 electrical equipment
- RT electric measuring instruments

ELECTRIC CABLES

1997-06-17

- UF cables (electric)
- BT1 cables
- *BT1 conductor devices
- NT1 coaxial cables
- NT1 cryogenic cables
- NT1 gas-insulated cables
- NT1 mineral-insulated cables
- NT1 oil-filled cables
- NT1 superconducting cables
- RT power transmission lines

ELECTRIC CHARGES

1996-07-08

(Prior to August 1996 POSITIVE EXCESS was a valid ETDE descriptor.)

- UF electric monopoles
- UF pyroelectricity
- SF positive excess
- NT1 point charge
- RT battery charge state
- RT c invariance
- RT capacitance
- RT charge carriers
- RT charge conservation
- RT charge density
- RT charge distribution
- RT charge states
- RT charge transport
- RT electrostatic charge eliminators
- RT electrostatics
- RT minus-plus ratio
- RT polar compounds
- RT pyroelectric effect
- RT space charge

ELECTRIC COILS

- UF coils (electric)
- *BT1 electrical equipment
- NT1 magnet coils
 - NT2 pulsed magnet coils
- NT1 rogowski coil
- NT1 solenoids
- NT1 superconducting coils
- RT electromagnets
- RT magnetic circuits
- RT transformers
- RT winding machines

electric condensers

- USE capacitors

ELECTRIC CONDUCTIVITY

- UF conductivity (electric)
- UF current-voltage curves
- UF electric resistivity
- UF electrical conductivity
- UF electrical resistance
- UF electrical resistivity
- UF i-v characteristic
- UF ohmic resistance
- UF resistivity (electric)
- UF va characteristic
- UF volt-ampere characteristic
- *BT1 electrical properties
- NT1 ionic conductivity
 - NT2 proton conductivity
- NT1 magnetoresistance
- NT1 photoconductivity
- NT1 superconductivity
- RT carrier mobility
- RT electric conductors
- RT electric impedance
- RT electrical testing
- RT electrophysiology
- RT grueneisen formula
- RT inductance
- RT matthiessen rule
- RT ohm law
- RT umklapp processes
- RT wiedemann-franz law

ELECTRIC CONDUCTORS

- UF conductors (electric)
- RT conductor devices
- RT electric conductivity
- RT electron mobility
- RT hall effect
- RT photoconductors
- RT semiconductor materials
- RT skin effect
- RT superconductors

electric contactors

- USE switches

ELECTRIC CONTACTS

- UF contacts (electric)
- UF point contacts
- SF junctions
- *BT1 electrical equipment
- RT switches

ELECTRIC CONTROLLERS

- *BT1 control equipment
- RT surges
- RT voltage regulators

electric cooperatives

INIS: 2000-04-12; ETDE: 1993-07-09

- USE cooperatives
- USE electric utilities

ELECTRIC CURRENTS

- UF currents (electric)
- UF foucault current
- UF plasma currents
- BT1 currents
- NT1 alternating current
- NT1 bootstrap current
- NT1 critical current
- NT1 direct current
- NT1 eddy currents
- NT1 electric arcs
- NT1 electrojets
- NT1 faraday current
- NT1 leakage current
 - NT2 dark current
- NT1 overcurrent
- NT1 photocurrents
- NT1 ring currents
- NT1 threshold current
- RT current density
- RT current limiters
- RT electricity
- RT electrocarbonization
- RT electrocardiograms
- RT excitation systems
- RT flashover
- RT kruskal limit
- RT non-inductive current drive
- RT reversed-field pinch devices
- RT skin effect
- RT surges

ELECTRIC DIPOLE MOMENTS

- BT1 dipole moments
- BT1 electric moments
- RT nuclear electric moments
- RT particle electric polarizability
- RT polarizability

electric dipole transitions

INIS: 1978-02-23; ETDE: 1978-04-28

- USE e1-transitions

ELECTRIC DIPOLES

- *BT1 dipoles
- RT electric fields

electric discharge pumping

INIS: 1982-07-22; ETDE: 1977-05-07

- USE electrical pumping

ELECTRIC DISCHARGES

1996-04-16

- UF discharges (electric)
- NT1 corona discharges
- NT1 electric arcs
- NT1 electric sparks
- NT1 flashover
- NT1 glow discharges
- NT1 high-frequency discharges
- NT1 lightning

NT2 ball lightning
 NT1 penning discharges
 NT1 townsend discharge
 RT afterglow
 RT breakdown
 RT discharge quenching
 RT paschen law
 RT plasma technology
 RT positive column
 RT saha equation
 RT spark gaps
 RT striations
 RT switches

ELECTRIC FIELDS

UF fields (electric)
 NT1 coulomb field
 RT casimir effect
 RT crossed fields
 RT electric dipoles
 RT electromagnetic fields
 RT excitation systems
 RT inhomogeneous fields
 RT nuclear quadrupole resonance
 RT parametric instabilities
 RT stark effect

ELECTRIC FILTERS

UF filters (electric)
 BT1 filters

ELECTRIC FURNACES

BT1 furnaces
 NT1 arc furnaces
 NT1 ceramic melters
 NT1 induction furnaces

ELECTRIC FUSES

UF current limiting fuses
 UF fuses (electric)
 *BT1 conductor devices
 BT1 equipment protection devices
 RT circuit breakers
 RT switches

ELECTRIC GENERATORS

Excludes the concept DIRECT ENERGY CONVERTERS.

UF generators (electric)
 UF wind generators
 *BT1 electrical equipment
 NT1 alternators
 NT1 flux pumps
 NT1 homopolar generators
 NT1 induction generators
 NT1 rotating generators
 NT2 superconducting generators
 NT1 turbogenerators
 NT1 water current power generators
 RT armatures
 RT excitation systems

ELECTRIC GROUNDS

1982-06-09
 UF earth (electric grounds)
 UF earthing
 UF earthing (electric grounds)
 UF grounds
 UF grounds (electric)
 RT electrical faults
 RT electronic circuits

ELECTRIC HEATING

INIS: 1999-01-22; ETDE: 1977-04-12
 (From April 1977 till March 1997
 RESISTANCE HEATING was a valid ETDE
 descriptor.)
 UF resistance heating
 BT1 heating
 NT1 joule heating
 NT2 current-drive heating

NT1 radiant cable heating
 RT baseboard heating
 RT heat pumps
 RT space heating

electric hexadecapole transitions

INIS: 1978-02-23; ETDE: 1978-04-28
 USE e4-transitions

ELECTRIC IMPEDANCE

INIS: 1975-11-07; ETDE: 1975-12-16
 BT1 impedance
 RT capacitance
 RT electric conductivity

ELECTRIC LOGGING

INIS: 2000-06-27; ETDE: 1977-01-10
 BT1 well logging
 NT1 induced polarization logging
 NT1 induction logging
 NT1 resistivity logging
 NT1 sp logging
 RT electrical surveys

ELECTRIC MEASURING INSTRUMENTS

*BT1 electrical equipment
 BT1 measuring instruments
 NT1 ammeters
 NT1 electrometers
 NT1 electroscopes
 NT1 galvanometers
 NT1 potentiometers
 NT1 power meters
 NT1 voltmeters
 RT electric bridges
 RT electronic equipment
 RT faraday cups

ELECTRIC MOMENTS

1996-07-18
 (Prior to March 1997 GYROELECTRIC
 RATIO was a valid ETDE descriptor.)
 SF gyroelectric ratio
 NT1 electric dipole moments
 NT1 nuclear electric moments
 RT quadrupole moments

electric monopole transitions

INIS: 1978-02-23; ETDE: 1978-04-28
 USE e0-transitions

electric monopoles

USE electric charges

ELECTRIC MOTORS

SF stepper motors
 *BT1 electrical equipment
 *BT1 motors
 NT1 superconducting motors
 RT armatures

electric octupole transitions

INIS: 1978-02-23; ETDE: 1978-04-28
 USE e3-transitions

ELECTRIC POTENTIAL

UF open-circuit voltage
 UF potential (electric)
 UF voltage
 NT1 plasma potential
 RT breakdown
 RT electrical transients
 RT electromotive force
 RT electrophysiology
 RT ionization potential
 RT overvoltage
 RT paschen law
 RT pyroelectric effect
 RT surges
 RT voltage drop

ELECTRIC POWER

1996-07-16
 BT1 power
 NT1 hydroelectric power
 NT1 hydrokinetic power
 NT1 off-peak power
 NT1 surplus power
 RT alaska power administration
 RT bonnevillie power administration
 RT combined cycles
 RT demand factors
 RT dispersed storage and generation
 RT electric power industry
 RT electric utilities
 RT electricity
 RT epri
 RT load management
 RT marginal-cost pricing
 RT master metering
 RT nuclear power
 RT on-site power generation
 RT peak-load pricing
 RT power demand
 RT power generation
 RT power losses
 RT power meters
 RT power plants
 RT power potential
 RT power supplies
 RT power transmission
 RT power transmission lines
 RT public utilities
 RT southeastern power administration
 RT southwestern power administration
 RT spacecraft power supplies
 RT time-of-use pricing
 RT var control systems
 RT western area power administration

ELECTRIC POWER INDUSTRY

INIS: 1999-06-30; ETDE: 1978-02-14
*Only for general papers when descriptors
 such as ELECTRIC POWER, ELECTRIC
 UTILITIES, or POWER SYSTEMS will not
 suffice.*

BT1 industry
 RT electric power
 RT electric reliability councils
 RT electric utilities
 RT epri
 RT nuclear power
 RT power systems

electric power research institute

INIS: 1993-11-05; ETDE: 1977-01-10
 USE epri

electric power substations

INIS: 1992-10-06; ETDE: 1976-07-07
 USE power substations

electric power systems

INIS: 1982-12-07; ETDE: 1976-02-23
 USE power systems

ELECTRIC-POWERED VEHICLES

1992-04-09
 UF trolleybuses
 BT1 vehicles
 NT1 hybrid electric-powered vehicles
 NT1 roadway-powered electric vehicles
 RT aaps
 RT electric batteries
 RT electric railways
 RT fuel cells
 RT regenerative braking

ELECTRIC PROBES

BT1 probes
 NT1 langmuir probe

NT1 plasma eaters

electric properties

INIS: 1975-09-26; ETDE: 2002-06-13

USE electrical properties

electric pulses

USE pulses

electric quadrupole transitions

INIS: 1978-02-23; ETDE: 1978-04-28

USE e2-transitions

ELECTRIC RAILWAYS

INIS: 2000-04-12; ETDE: 1977-01-10

BT1 railways

RT electric-powered vehicles

RT rapid transit systems

RT trains

ELECTRIC RELIABILITY

COUNCILS

INIS: 2000-04-12; ETDE: 1979-09-27

UF national electric reliability councils

UF regional electric reliability councils

RT electric power industry

RT electric utilities

electric resistivity

USE electric conductivity

ELECTRIC RESONANCE

BT1 resonance

NT1 paraelectric resonance

ELECTRIC SHOCK

INIS: 1999-03-30; ETDE: 1979-07-24

(Until March 1999 this concept was indexed by BIOLOGICAL SHOCK and ELECTRICITY.)

UF shock (electric)

RT biological shock

ELECTRIC SPARKS

UF sparks (electric)

BT1 electric discharges

RT breakdown

RT electrostatics

RT flashover

RT spark drills

RT spark gaps

electric switches

USE switches

ELECTRIC UTILITIES

INIS: 1979-02-21; ETDE: 1978-02-15

Enterprises engaged in the generation, transmission, and distribution of electric power; may be investor-owned, cooperatively owned, or government-owned.

UF electric cooperatives

SF utilities

BT1 public utilities

RT cooperatives

RT dispersed storage and generation

RT electric power

RT electric power industry

RT electric reliability councils

RT load analysis

RT master metering

RT peak load

RT power pooling

RT surplus power

RT us power plant and industrial fuel use act

electrical breakdown

INIS: 2000-04-12; ETDE: 1977-01-10

USE electrical faults

electrical conductivity

USE electric conductivity

ELECTRICAL ENGINEERING

INIS: 1992-01-22; ETDE: 1978-06-14

BT1 engineering

ELECTRICAL EQUIPMENT

BT1 equipment

NT1 antennas

NT2 radio telescopes

NT2 rectennas

NT1 armatures

NT1 battery chargers

NT2 solar battery chargers

NT1 capacitors

NT1 circuit breakers

NT1 conductor devices

NT2 connectors

NT2 electric cables

NT3 coaxial cables

NT3 cryogenic cables

NT3 gas-insulated cables

NT3 mineral-insulated cables

NT3 oil-filled cables

NT3 superconducting cables

NT2 electric fuses

NT1 current limiters

NT1 dc to dc converters

NT1 electric appliances

NT2 clothes dryers

NT2 clothes washers

NT2 dishwashers

NT2 microwave ovens

NT1 electric bridges

NT1 electric coils

NT2 magnet coils

NT3 pulsed magnet coils

NT2 rogowski coil

NT2 solenoids

NT2 superconducting coils

NT1 electric contacts

NT1 electric generators

NT2 alternators

NT2 flux pumps

NT2 homopolar generators

NT2 induction generators

NT2 rotating generators

NT3 superconducting generators

NT2 turbogenerators

NT2 water current power generators

NT1 electric measuring instruments

NT2 ammeters

NT2 electrometers

NT2 electroscopes

NT2 galvanometers

NT2 potentiometers

NT2 power meters

NT2 voltmeters

NT1 electric motors

NT2 superconducting motors

NT1 electrical insulators

NT1 electromagnets

NT2 superconducting magnets

NT1 inverters

NT1 lightning arresters

NT1 potheads

NT1 rectifiers

NT2 rectifier tubes

NT3 ignitrons

NT2 semiconductor rectifiers

NT1 relays

NT1 resistors

NT2 photoresistors

NT2 semiconductor resistors

NT1 shunt reactors

NT1 switches

NT2 cryotrons

NT2 plasma switches

NT2 semiconductor switches

NT1 transformers

NT2 gas-insulated transformers

RT electric batteries

RT electron tubes

RT electronic circuits

RT electronic equipment

RT excitation systems

RT lighting systems

RT miniaturization

RT potting

RT potting materials

RT power supplies

RT radar

RT reactor components

RT semiconductor devices

RT sonar

RT standby mode

RT transducers

RT waveguides

ELECTRICAL FAULTS

INIS: 1983-10-14; ETDE: 1977-01-10

UF electrical breakdown

UF short circuits

UF shorts (electrical)

RT breakdown

RT electric arcs

RT electric grounds

RT failures

RT flashover

ELECTRICAL INSULATION

1982-11-29

(Prior to January 1983 this concept was indexed by DIELECTRIC MATERIALS.)

UF insulation (electrical, by dielectric materials)

UF insulation (electrical)

RT dielectric materials

RT electrical insulators

RT organic insulators

ELECTRICAL INSULATORS

INIS: 1976-05-07; ETDE: 1976-02-23

UF insulators (electrical)

*BT1 electrical equipment

RT dielectric materials

RT electrical insulation

RT insulating oils

RT organic insulators

ELECTRICAL PROPERTIES

UF electric properties

UF magnetoelectricity

BT1 physical properties

NT1 capacitance

NT1 dielectric properties

NT2 kerr effect

NT2 permittivity

NT1 electric conductivity

NT2 ionic conductivity

NT3 proton conductivity

NT2 magnetoresistance

NT2 photoconductivity

NT2 superconductivity

NT1 inductance

NT1 polarizability

NT1 thermoelectric properties

RT electricity

RT electro-optical effects

RT magnetic properties

ELECTRICAL PUMPING

INIS: 1995-04-10; ETDE: 1977-05-07

Pumping achieved by allowing a suitable electric current to pass through the lasing medium.

UF electric discharge pumping

UF pumping (electrical)

BT1 pumping

NT1 electron beam pumping
 RT lasers
 RT nuclear pumping
 RT optical pumping
 RT stimulated emission

electrical resistance

USE electric conductivity

electrical resistivity

USE electric conductivity

ELECTRICAL SURVEYS

Surveys or mapping of a portion of the earth's interior by use of one of the electrical methods.

*BT1 geophysical surveys
 NT1 electromagnetic surveys
 NT2 magnetotelluric surveys
 NT1 resistivity surveys
 NT1 self-potential surveys
 NT1 telluric surveys
 RT electric logging
 RT exploration
 RT geothermal exploration
 RT induced polarization logging
 RT resistivity logging

ELECTRICAL TESTING

*BT1 nondestructive testing
 RT electric conductivity

ELECTRICAL TRANSIENTS

INIS: 1983-06-02; ETDE: 1979-07-24
Temporary oscillations that occur in circuits because of sudden changes of voltage, load or frequency.

BT1 transients
 BT1 voltage drop
 RT electric potential
 RT overvoltage
 RT power systems
 RT surges
 RT var control systems

ELECTRICITE DE FRANCE

INIS: 1995-02-15; ETDE: 1983-03-24
 *BT1 french organizations

ELECTRICITY

Only for the physical phenomenon sense; for utility purposes, use ELECTRIC POWER.

NT1 bioelectricity
 NT1 piezoelectricity
 NT1 thermoelectricity
 RT electric currents
 RT electric power
 RT electrical properties

electricity supply company reactor

1993-11-05
 USE escom reactor

ELECTRO-OPTICAL EFFECTS

INIS: 1978-11-24; ETDE: 1976-08-04
 NT1 electrochromism
 RT electrical properties
 RT magneto-optical effects
 RT optical properties

ELECTROCARBONIZATION

2000-04-12
 *BT1 carbonization
 RT electric currents

ELECTROCARDIOGRAMS

*BT1 diagrams
 RT cardiography
 RT diagnostic techniques
 RT electric currents
 RT heart
 RT pulses

RT recording systems

ELECTROCATALYSTS

INIS: 1992-02-26; ETDE: 1978-10-30
 UF fuel cell catalysts
 BT1 catalysts
 RT catalysis
 RT catalytic effects

ELECTROCHEMICAL CELLS

1992-02-22
 SF electrochemical engines
 NT1 electric batteries
 NT2 lead-acid batteries
 NT2 lithium ion batteries
 NT2 metal-gas batteries
 NT3 aluminium-air batteries
 NT3 cadmium-air batteries
 NT3 iron-air batteries
 NT3 lithium-chlorine batteries
 NT3 lithium-water-air batteries
 NT3 nickel-hydrogen batteries
 NT3 silver-hydrogen batteries
 NT3 zinc-air batteries
 NT3 zinc-chlorine batteries
 NT2 metal-metal batteries
 NT2 metal-metal oxide batteries
 NT3 iron-nickel batteries
 NT3 nickel-cadmium batteries
 NT3 nickel-zinc batteries
 NT3 silver-cadmium batteries
 NT3 silver-zinc batteries
 NT3 zinc-manganese batteries
 NT2 metal-nonmetal batteries
 NT3 lithium-copper chloride batteries
 NT3 lithium-polymer batteries
 NT3 lithium-sulfur batteries
 NT3 sodium-sulfur batteries
 NT3 zinc-bromine batteries
 NT2 primary-secondary hybrid batteries
 NT2 redox flow batteries
 NT2 thermal batteries

NT1 fuel cells
 NT2 acid electrolyte fuel cells
 NT2 alcohol fuel cells
 NT3 direct ethanol fuel cells
 NT3 direct methanol fuel cells
 NT2 alkaline electrolyte fuel cells
 NT2 ammonia fuel cells
 NT2 biochemical fuel cells
 NT2 coal fuel cells
 NT2 formaldehyde fuel cells
 NT2 formate fuel cells
 NT2 formic acid fuel cells
 NT2 high-temperature fuel cells
 NT3 molten carbonate fuel cells
 NT3 solid oxide fuel cells
 NT2 hydrazine fuel cells
 NT2 hydrocarbon fuel cells
 NT2 hydrogen fuel cells
 NT2 natural gas fuel cells
 NT2 regenerative fuel cells
 NT3 redox fuel cells
 NT2 solid electrolyte fuel cells
 NT3 proton exchange membrane fuel cells
 NT3 solid oxide fuel cells
 NT1 photoelectrochemical cells
 NT2 photogalvanic cells
 RT electrochemical energy conversion
 RT electrochemistry
 RT primary batteries

ELECTROCHEMICAL COATING

*BT1 chemical coating
 NT1 anodization

ELECTROCHEMICAL CORROSION

UF bimetallic corrosion
 UF couple corrosion

UF electrolytic corrosion
 UF galvanic corrosion
 *BT1 corrosion
 RT cathodic protection
 RT electrochemistry
 RT electrolysis

ELECTROCHEMICAL ENERGY CONVERSION

INIS: 2000-04-12; ETDE: 1981-07-18
 *BT1 energy conversion
 RT electrochemical cells

electrochemical engines

INIS: 2000-04-12; ETDE: 1978-08-08
 (Prior to February 1995, this was a valid ETDE descriptor.)
 SEE electrochemical cells

ELECTROCHEMICAL MACHINING

*BT1 chemical machining

ELECTROCHEMISTRY

1999-05-04
 BT1 chemistry
 RT electrochemical cells
 RT electrochemical corrosion
 RT electrochromism
 RT electrometallurgy
 RT electromotive force
 RT fuel cells
 RT photoelectrochemical cells

ELECTROCHROMISM

INIS: 1999-03-02; ETDE: 1984-06-29
A reversible color change in a material induced by the injection of ions under an applied current.
 BT1 electro-optical effects
 RT color
 RT electrochemistry

ELECTRODEPOSITED COATINGS

BT1 coatings
 RT electroplating

ELECTRODEPOSITION

UF electroforming
 *BT1 electrolysis
 *BT1 surface coating
 NT1 electroplating
 RT electrometallurgy

ELECTRODES

NT1 anodes
 NT2 hollow anodes
 NT2 photoanodes
 NT1 cathodes
 NT2 hollow cathodes
 NT2 photocathodes
 NT1 dees
 NT1 grids
 NT1 ion-selective electrodes
 RT battery paste
 RT electron tubes
 RT ion selective electrode analysis

ELECTRODIALYSIS

INIS: 1993-02-18; ETDE: 1977-06-30
 *BT1 dialysis

ELECTRODYNAMICS

UF electrokinetics
 NT1 quantum electrodynamics
 NT2 schwinger-tomonaga formalism
 RT born-infeld theory
 RT charge renormalization
 RT electromagnetic fields
 RT electromagnetic interactions
 RT electromagnetism
 RT field theories
 RT maxwell equations

ELECTROENCEPHALOGRAPHY

INIS: 1980-07-24; ETDE: 1979-07-24

BT1 diagnostic techniques
RT brain

ELECTROFISSION

INIS: 1977-03-14; ETDE: 1977-06-03

Fission of heavy nuclei by MeV range electrons.

*BT1 electron reactions
*BT1 fission

electrofluid dynamic wind generator

INIS: 2000-04-12; ETDE: 1977-11-09

USE efd wind generators

electroforming

2006-09-04

USE electrodeposition

ELECTROGASDYNAMICS

*BT1 fluid mechanics
RT gas flow

electrohydrodynamic channels

INIS: 2000-04-12; ETDE: 1979-03-28

SEE ehd generators

electrohydrodynamic generators

USE ehd generators

ELECTROHYDRODYNAMICS

*BT1 hydrodynamics
RT direct energy conversion
RT ehd generators

ELECTROJETS

UF auroral electrojets
UF equatorial electrojets
*BT1 electric currents
RT ring currents

electrokinetics

USE electrodynamics

ELECTROLINKING

INIS: 2000-04-12; ETDE: 1976-06-07

In underground gasification, the linking of holes drilled into a fossil fuel seam with the aid of electric current.

BT1 borehole linking
BT1 fracturing
RT boreholes
RT in-situ gasification

ELECTROLUMINESCENCE

*BT1 luminescence

ELECTROLYSIS

BT1 lysis
NT1 anodization
NT1 electrodeposition
NT2 electroplating
NT1 electropolishing
NT1 electrorefining
NT1 photoelectrolysis
RT anions
RT cations
RT dissociation
RT electrochemical corrosion
RT electrolytic cells
RT electrometallurgy
RT faraday laws
RT polarography
RT voltametry

electrolyte tiles

INIS: 2000-04-12; ETDE: 1980-07-23

USE matrix materials

ELECTROLYTES

NT1 solid electrolytes
RT dissociation

RT donnan theory
RT polyacetylenes

ELECTROLYTIC CELLS

UF cells (electrolytic)
UF photoelectrolytic cells
RT electric batteries
RT electrolysis
RT thermal batteries
RT voltametry

electrolytic corrosion

USE electrochemical corrosion

ELECTROMAGNETIC FIELDS

UF fields (electromagnetic)
RT aharonov-bohm effect
RT einstein-maxwell equations
RT electric fields
RT electrodynamics
RT inhomogeneous fields
RT magnetic fields
RT maxwell equations
RT ponderomotive force
RT potentials
RT weyl unified theory

ELECTROMAGNETIC FILTERS

1980-05-14

BT1 filters
RT corrosion products
RT filtration
RT primary coolant circuits
RT water

ELECTROMAGNETIC FORM FACTORS

*BT1 form factors
RT four momentum transfer

ELECTROMAGNETIC INTERACTIONS

1995-08-10

*BT1 fundamental interactions
NT1 compton effect
NT1 coulomb scattering
NT1 electroproduction
NT1 photon-hadron interactions
NT2 photon-baryon interactions
NT3 photon-hyperon interactions
NT3 photon-nucleon interactions
NT4 photon-neutron interactions
NT4 photon-proton interactions
NT2 photon-meson interactions
NT1 photon-photon interactions
NT1 photoproduction
NT2 primakoff effect
NT1 umklapp processes
RT annihilation
RT charged currents
RT coulomb correction
RT electrodynamics
RT electromagnetic particle decay
RT electron-quark interactions
RT grand unified theory
RT hadron-hadron interactions
RT lepton-hadron interactions
RT lepton-lepton interactions
RT neutral currents
RT photon-lepton interactions
RT radiative corrections
RT standard model

ELECTROMAGNETIC ISOTOPE SEPARATION

1975-09-25

The process.

*BT1 isotope separation
RT electromagnetic isotope separators

ELECTROMAGNETIC ISOTOPE SEPARATORS

1993-11-05

UF calutrons
NT1 tristan separator
RT electromagnetic isotope separation
RT isotope separation

ELECTROMAGNETIC LENSES

UF plasma lens
BT1 lenses
RT end effects
RT magnetic analyzers
RT magnets

ELECTROMAGNETIC PARTICLE DECAY

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 particle decay
RT electromagnetic interactions
RT radiative decay

ELECTROMAGNETIC PULSES

UF emp
*BT1 electromagnetic radiation
BT1 pulses
NT1 internal electromagnetic pulses
RT nuclear explosions

ELECTROMAGNETIC PUMPS

*BT1 pumps

ELECTROMAGNETIC RADIATION

UF electromagnetic waves
BT1 radiations
NT1 auroral hiss
NT1 blackbody radiation
NT1 bremsstrahlung
NT2 cyclotron radiation
NT2 internal bremsstrahlung
NT2 undulator radiation
NT2 synchrotron radiation
NT1 cherenkov radiation
NT1 coherent radiation
NT1 electromagnetic pulses
NT2 internal electromagnetic pulses
NT1 gamma radiation
NT2 delayed gamma radiation
NT2 prompt gamma radiation
NT1 helicon waves
NT1 infrared radiation
NT2 far infrared radiation
NT2 intermediate infrared radiation
NT2 near infrared radiation
NT1 laser radiation
NT1 microwave radiation
NT2 relict radiation
NT1 monochromatic radiation
NT1 multipole radiation
NT1 radiowave radiation
NT2 long wave radiation
NT2 medium wave radiation
NT2 radio noise
NT3 atmospheric
NT3 whistlers
NT2 radioecho
NT2 short wave radiation
NT2 solar radio bursts
NT2 solar radiowave radiation
NT1 thermal radiation
NT1 transition radiation
NT1 ultralow frequency radiation
NT1 ultraviolet radiation
NT2 extreme ultraviolet radiation
NT2 far ultraviolet radiation
NT2 near ultraviolet radiation
NT1 visible radiation
NT1 x radiation
NT2 hard x radiation
NT2 soft x radiation

NT1 zodiacal light
RT faraday effect
RT frequency mixing
RT harmonic generation
RT photons
RT radiation pressure
RT signal distortion
RT standing waves
RT travelling waves
RT wave forms

ELECTROMAGNETIC SURVEYS

1981-02-27

A subgroup of methods of electrical exploration based on the measurement of alternating magnetic fields associated with currents artificially or naturally maintained in the subsurface.

*BT1 electrical surveys
NT1 magnetotelluric surveys
RT geothermal exploration

ELECTROMAGNETIC TESTING

*BT1 nondestructive testing
NT1 eddy current testing

electromagnetic transitions

USE energy-level transitions

electromagnetic waves

USE electromagnetic radiation

ELECTROMAGNETISM

BT1 magnetism
RT continuity equations
RT electrodynamics
RT kaluza-klein theory

electromagnetostriction

USE magnetostriction

ELECTROMAGNETS

*BT1 electrical equipment
 *BT1 magnets
NT1 superconducting magnets
RT electric coils
RT magnetic properties

ELECTROMECHANICS

BT1 mechanics

ELECTROMETALLURGY

UF electrowinning
BT1 metallurgy
RT electrochemistry
RT electrodeposition
RT electrolysis
RT electrorefining
RT extractive metallurgy

ELECTROMETERS

*BT1 electric measuring instruments
RT condenser ionization chambers

electromigration

USE electrophoresis

ELECTROMOTIVE FORCE

1999-06-30

A force capable of maintaining a potential difference, and thus a current, within a circuit. it can be established by chemical action or by mechanical work.

RT electric batteries
RT electric potential
RT electrochemistry

electron acceptor

USE binding energy
 USE electrons
 USE valence

electron acoustic waves

INIS: 1984-04-04; ETDE: 1984-05-10
 USE electron plasma waves

electron affinity

INIS: 2000-04-12; ETDE: 1979-04-11
 USE affinity

ELECTRON ANTINEUTRINOS

*BT1 antineutrinos
 *BT1 electron neutrinos

ELECTRON-ATOM COLLISIONS

*BT1 atom collisions
 *BT1 electron collisions

ELECTRON ATTACHMENT

A(neutral) + e yields A(1 minus).
RT electron capture
RT ionization

ELECTRON BEAM FURNACES

BT1 furnaces
RT vacuum furnaces

ELECTRON BEAM FUSION**ACCELERATOR**

INIS: 1981-02-27; ETDE: 1979-07-24
Electron beam accelerator at Sandia Laboratories to be used for inertial confinement fusion experiments.
UF ebfa
RT electron beam fusion reactors
RT inertial confinement
RT particle beam fusion accelerator

ELECTRON BEAM FUSION REACTORS

INIS: 1982-11-29; ETDE: 1983-02-09
UF e-beam type reactors
UF electron beam type reactors
BT1 thermonuclear reactors
RT electron beam fusion accelerator
RT icf devices
RT inertial confinement

electron beam induced current

INIS: 2000-04-12; ETDE: 1983-03-23
 USE scanning electron microscopy

ELECTRON BEAM INJECTION

BT1 beam injection

ELECTRON BEAM ION SOURCES

INIS: 1976-08-17; ETDE: 1976-05-13
Ion source creating high charge states by sequential electron impact ionization.
UF ebis
BT1 ion sources
RT electron beams

ELECTRON BEAM MACHINING

BT1 machining

ELECTRON BEAM MELTING

*BT1 melting

ELECTRON BEAM PUMPING

INIS: 1993-07-12; ETDE: 1981-08-21
 *BT1 electrical pumping
RT excitation
RT lasers
RT stimulated emission

ELECTRON BEAM TARGETS

INIS: 1982-11-29; ETDE: 1978-09-11
SF icf targets
SF inertial confinement fusion targets
BT1 targets
RT inertial confinement
RT ion beam targets
RT laser targets
RT thermonuclear fuels

electron beam type reactors

INIS: 1982-11-29; ETDE: 1976-09-15
 USE electron beam fusion reactors

ELECTRON BEAM WELDING

*BT1 welding
RT vacuum welding

ELECTRON BEAMS

UF beta beams (electrons)
 *BT1 lepton beams
RT electron beam ion sources
RT electron cooling
RT electrons
RT llnl advanced test accelerator
RT pierce instability

ELECTRON CAPTURE

By projectiles in collisions; not for ELECTRON CAPTURE DECAY.

BT1 capture
RT charge exchange
RT charge states
RT electron attachment
RT recombination

ELECTRON CAPTURE DECAY

*BT1 beta decay
NT1 k capture
NT1 l capture
NT1 m capture
RT beta-plus decay
RT capture
RT delayed protons
RT electron capture radioisotopes

ELECTRON-CAPTURE DETECTORS

Instrument for gas analysis which incorporates an ionization chamber and internal beta source.

*BT1 radiometric gases
RT gas analysis
RT ionization chambers

ELECTRON CAPTURE RADIOISOTOPES

1997-02-07

*BT1 beta decay radioisotopes
NT1 actinium 214
NT1 actinium 215
NT1 actinium 222
NT1 actinium 223
NT1 actinium 224
NT1 actinium 226
NT1 americium 231
NT1 americium 232
NT1 americium 233
NT1 americium 234
NT1 americium 235
NT1 americium 236
NT1 americium 237
NT1 americium 238
NT1 americium 239
NT1 americium 240
NT1 americium 242
NT1 americium 244
NT1 antimony 103
NT1 antimony 107
NT1 antimony 109
NT1 antimony 110
NT1 antimony 111
NT1 antimony 112
NT1 antimony 113
NT1 antimony 114
NT1 antimony 115
NT1 antimony 116
NT1 antimony 117
NT1 antimony 118
NT1 antimony 119
NT1 antimony 120

NT1 antimony 122
 NT1 argon 37
 NT1 arsenic 67
 NT1 arsenic 70
 NT1 arsenic 71
 NT1 arsenic 72
 NT1 arsenic 73
 NT1 arsenic 74
 NT1 astatine 195
 NT1 astatine 197
 NT1 astatine 199
 NT1 astatine 200
 NT1 astatine 201
 NT1 astatine 202
 NT1 astatine 203
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 NT1 astatine 205
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 NT1 astatine 210
 NT1 astatine 211
 NT1 barium 117
 NT1 barium 119
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 NT1 barium 121
 NT1 barium 122
 NT1 barium 123
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 NT1 barium 131
 NT1 barium 133
 NT1 berkelium 235
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 NT1 berkelium 248
 NT1 beryllium 7
 NT1 bismuth 190
 NT1 bismuth 191
 NT1 bismuth 192
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 NT1 bismuth 202
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 NT1 bismuth 206
 NT1 bismuth 207
 NT1 bismuth 208
 NT1 bromine 67
 NT1 bromine 68
 NT1 bromine 71
 NT1 bromine 73
 NT1 bromine 74
 NT1 bromine 75
 NT1 bromine 76
 NT1 bromine 77
 NT1 bromine 78
 NT1 bromine 80

NT1 cadmium 100
 NT1 cadmium 101
 NT1 cadmium 102
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 NT1 cadmium 107
 NT1 cadmium 109
 NT1 cadmium 96
 NT1 cadmium 97
 NT1 calcium 41
 NT1 californium 241
 NT1 californium 243
 NT1 californium 245
 NT1 californium 247
 NT1 cerium 119
 NT1 cerium 120
 NT1 cerium 121
 NT1 cerium 122
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 NT1 cerium 126
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 NT1 cerium 128
 NT1 cerium 129
 NT1 cerium 130
 NT1 cerium 131
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 NT1 cerium 134
 NT1 cerium 135
 NT1 cerium 137
 NT1 cerium 139
 NT1 cesium 114
 NT1 cesium 115
 NT1 cesium 116
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 NT1 cesium 127
 NT1 cesium 128
 NT1 cesium 129
 NT1 cesium 130
 NT1 cesium 131
 NT1 cesium 132
 NT1 cesium 134
 NT1 chlorine 36
 NT1 chromium 48
 NT1 chromium 49
 NT1 chromium 51
 NT1 cobalt 49
 NT1 cobalt 51
 NT1 cobalt 55
 NT1 cobalt 56
 NT1 cobalt 57
 NT1 cobalt 58
 NT1 copper 55
 NT1 copper 58
 NT1 copper 60
 NT1 copper 61
 NT1 copper 62
 NT1 copper 64
 NT1 curium 232
 NT1 curium 233
 NT1 curium 234
 NT1 curium 235
 NT1 curium 238
 NT1 curium 239
 NT1 curium 241
 NT1 dubnium 258
 NT1 dysprosium 138
 NT1 dysprosium 139
 NT1 dysprosium 140

NT1 dysprosium 141
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 NT1 dysprosium 159
 NT1 einsteinium 240
 NT1 einsteinium 241
 NT1 einsteinium 242
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 NT1 einsteinium 254
 NT1 erbium 143
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 NT1 europium 132
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 NT1 fermium 247
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 NT1 francium 204
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 NT1 gadolinium 135
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 NT1 gallium 67
 NT1 gallium 68
 NT1 gallium 70
 NT1 germanium 63
 NT1 germanium 64
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 NT1 germanium 67
 NT1 germanium 68
 NT1 germanium 69
 NT1 germanium 71
 NT1 gold 180
 NT1 gold 181
 NT1 gold 182
 NT1 gold 183
 NT1 gold 184
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 NT1 gold 187
 NT1 gold 188
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 NT1 gold 190
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 NT1 gold 196
 NT1 hafnium 154
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 NT1 holmium 142
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 NT1 holmium 145
 NT1 holmium 147
 NT1 holmium 149
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 NT1 iridium 178
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 NT1 iridium 187
 NT1 iridium 188
 NT1 iridium 189
 NT1 iridium 190
 NT1 iridium 192
 NT1 iron 45
 NT1 iron 52
 NT1 iron 53
 NT1 iron 55
 NT1 krypton 69
 NT1 krypton 71
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 NT1 lanthanum 117
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 NT1 lanthanum 136
 NT1 lanthanum 137

NT1 lanthanum 138
 NT1 lawrencium 251
 NT1 lawrencium 254
 NT1 lawrencium 255
 NT1 lawrencium 256
 NT1 lead 186
 NT1 lead 187
 NT1 lead 188
 NT1 lead 189
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 NT1 lead 191
 NT1 lead 192
 NT1 lead 193
 NT1 lead 194
 NT1 lead 195
 NT1 lead 196
 NT1 lead 197
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 NT1 lead 205
 NT1 lutetium 150
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 NT1 manganese 51
 NT1 manganese 52
 NT1 manganese 53
 NT1 manganese 54
 NT1 mendeleevium 245
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 NT1 mercury 177
 NT1 mercury 178
 NT1 mercury 179
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NT1 mercury 192
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 NT1 mercury 195
 NT1 mercury 197
 NT1 molybdenum 83
 NT1 molybdenum 87
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 NT1 molybdenum 89
 NT1 molybdenum 90
 NT1 molybdenum 91
 NT1 molybdenum 93
 NT1 neodymium 125
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 NT1 neptunium 236
 NT1 nickel 48
 NT1 nickel 51
 NT1 nickel 56
 NT1 nickel 57
 NT1 nickel 59
 NT1 niobium 82
 NT1 niobium 84
 NT1 niobium 85
 NT1 niobium 86
 NT1 niobium 87
 NT1 niobium 88
 NT1 niobium 90
 NT1 niobium 91
 NT1 niobium 92
 NT1 nitrogen 13
 NT1 nobelium 253
 NT1 nobelium 254
 NT1 nobelium 255
 NT1 nobelium 259
 NT1 osmium 166
 NT1 osmium 167
 NT1 osmium 168
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 NT1 platinum 173
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 NT1 platinum 182
 NT1 platinum 183
 NT1 platinum 184
 NT1 platinum 185
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 NT1 platinum 187
 NT1 platinum 188
 NT1 platinum 189
 NT1 platinum 191
 NT1 platinum 193
 NT1 plutonium 232
 NT1 plutonium 233
 NT1 plutonium 234
 NT1 plutonium 235
 NT1 plutonium 237
 NT1 polonium 196
 NT1 polonium 197
 NT1 polonium 198
 NT1 polonium 199
 NT1 polonium 200
 NT1 polonium 201
 NT1 polonium 202
 NT1 polonium 203
 NT1 polonium 204
 NT1 polonium 205
 NT1 polonium 206
 NT1 polonium 207
 NT1 polonium 208
 NT1 polonium 209
 NT1 potassium 40
 NT1 praseodymium 125
 NT1 praseodymium 127
 NT1 praseodymium 128
 NT1 praseodymium 129
 NT1 praseodymium 130
 NT1 praseodymium 132
 NT1 praseodymium 133
 NT1 praseodymium 134
 NT1 praseodymium 135
 NT1 praseodymium 136
 NT1 praseodymium 137
 NT1 praseodymium 138
 NT1 praseodymium 139
 NT1 praseodymium 140
 NT1 praseodymium 142
 NT1 promethium 126
 NT1 promethium 127
 NT1 promethium 128
 NT1 promethium 129
 NT1 promethium 130
 NT1 promethium 131
 NT1 promethium 132
 NT1 promethium 133
 NT1 promethium 134
 NT1 promethium 135
 NT1 promethium 136
 NT1 promethium 137
 NT1 promethium 138
 NT1 promethium 139
 NT1 promethium 140
 NT1 promethium 141
 NT1 promethium 142
 NT1 promethium 143
 NT1 promethium 144
 NT1 promethium 145
 NT1 promethium 146
 NT1 protactinium 226

NT1 protactinium 227
 NT1 protactinium 228
 NT1 protactinium 229
 NT1 protactinium 230
 NT1 radium 213
 NT1 radium 214
 NT1 radon 198
 NT1 radon 200
 NT1 radon 201
 NT1 radon 202
 NT1 radon 203
 NT1 radon 204
 NT1 radon 205
 NT1 radon 206
 NT1 radon 207
 NT1 radon 208
 NT1 radon 209
 NT1 radon 210
 NT1 radon 211
 NT1 rhenium 163
 NT1 rhenium 164
 NT1 rhenium 165
 NT1 rhenium 168
 NT1 rhenium 170
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 NT1 rhenium 186
 NT1 rhodium 100
 NT1 rhodium 101
 NT1 rhodium 102
 NT1 rhodium 104
 NT1 rhodium 89
 NT1 rhodium 90
 NT1 rhodium 91
 NT1 rhodium 92
 NT1 rhodium 93
 NT1 rhodium 95
 NT1 rhodium 96
 NT1 rhodium 97
 NT1 rhodium 98
 NT1 rhodium 99
 NT1 rubidium 76
 NT1 rubidium 77
 NT1 rubidium 78
 NT1 rubidium 79
 NT1 rubidium 81
 NT1 rubidium 82
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 NT1 rubidium 84
 NT1 rubidium 86
 NT1 ruthenium 87
 NT1 ruthenium 90
 NT1 ruthenium 91
 NT1 ruthenium 92
 NT1 ruthenium 93
 NT1 ruthenium 94
 NT1 ruthenium 95
 NT1 ruthenium 97
 NT1 samarium 129
 NT1 samarium 130
 NT1 samarium 132
 NT1 samarium 133
 NT1 samarium 134
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 NT1 samarium 136
 NT1 samarium 137
 NT1 samarium 138

NT1 samarium 139
 NT1 samarium 140
 NT1 samarium 141
 NT1 samarium 142
 NT1 samarium 143
 NT1 samarium 145
 NT1 scandium 44
 NT1 selenium 69
 NT1 selenium 70
 NT1 selenium 71
 NT1 selenium 72
 NT1 selenium 73
 NT1 selenium 75
 NT1 silver 100
 NT1 silver 101
 NT1 silver 102
 NT1 silver 103
 NT1 silver 104
 NT1 silver 105
 NT1 silver 106
 NT1 silver 108
 NT1 silver 110
 NT1 silver 93
 NT1 silver 95
 NT1 silver 96
 NT1 silver 97
 NT1 silver 98
 NT1 silver 99
 NT1 sodium 20
 NT1 strontium 73
 NT1 strontium 74
 NT1 strontium 76
 NT1 strontium 78
 NT1 strontium 79
 NT1 strontium 80
 NT1 strontium 81
 NT1 strontium 82
 NT1 strontium 83
 NT1 strontium 85
 NT1 strontium 87
 NT1 tantalum 156
 NT1 tantalum 158
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 NT1 tantalum 180
 NT1 technetium 85
 NT1 technetium 86
 NT1 technetium 87
 NT1 technetium 90
 NT1 technetium 91
 NT1 technetium 92
 NT1 technetium 93
 NT1 technetium 94
 NT1 technetium 95
 NT1 technetium 96
 NT1 technetium 97
 NT1 tellurium 107
 NT1 tellurium 108
 NT1 tellurium 109
 NT1 tellurium 110
 NT1 tellurium 111
 NT1 tellurium 112
 NT1 tellurium 113
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NT1 tellurium 115
 NT1 tellurium 116
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 NT1 terbium 136
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 NT1 thorium 225
 NT1 thulium 148
 NT1 thulium 152
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 NT1 thulium 166
 NT1 thulium 167
 NT1 thulium 168
 NT1 thulium 170
 NT1 tin 100
 NT1 tin 102
 NT1 tin 106
 NT1 tin 107
 NT1 tin 108
 NT1 tin 109
 NT1 tin 110
 NT1 tin 111
 NT1 tin 113

NT1 tin 99
 NT1 titanium 39
 NT1 titanium 44
 NT1 titanium 45
 NT1 tungsten 161
 NT1 tungsten 162
 NT1 tungsten 163
 NT1 tungsten 164
 NT1 tungsten 165
 NT1 tungsten 166
 NT1 tungsten 168
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 NT1 tungsten 171
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 NT1 tungsten 179
 NT1 tungsten 181
 NT1 uranium 228
 NT1 uranium 229
 NT1 uranium 231
 NT1 vanadium 42
 NT1 vanadium 45
 NT1 vanadium 47
 NT1 vanadium 48
 NT1 vanadium 49
 NT1 vanadium 50
 NT1 xenon 110
 NT1 xenon 111
 NT1 xenon 112
 NT1 xenon 113
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 NT1 xenon 117
 NT1 xenon 118
 NT1 xenon 119
 NT1 xenon 120
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 NT1 xenon 122
 NT1 xenon 123
 NT1 xenon 125
 NT1 xenon 127
 NT1 ytterbium 148
 NT1 ytterbium 149
 NT1 ytterbium 153
 NT1 ytterbium 155
 NT1 ytterbium 156
 NT1 ytterbium 157
 NT1 ytterbium 158
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 NT1 ytterbium 164
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 NT1 ytterbium 166
 NT1 ytterbium 167
 NT1 ytterbium 169
 NT1 yttrium 78
 NT1 yttrium 79
 NT1 yttrium 80
 NT1 yttrium 81
 NT1 yttrium 83
 NT1 yttrium 84
 NT1 yttrium 85
 NT1 yttrium 86
 NT1 yttrium 87
 NT1 yttrium 88
 NT1 zinc 55
 NT1 zinc 56
 NT1 zinc 60
 NT1 zinc 61

NT1 zinc 62
 NT1 zinc 63
 NT1 zinc 65
 NT1 zirconium 78
 NT1 zirconium 79
 NT1 zirconium 84
 NT1 zirconium 85
 NT1 zirconium 86
 NT1 zirconium 87
 NT1 zirconium 88
 NT1 zirconium 89
 RT electron capture decay

ELECTRON CHANNELING

BT1 channeling
 RT crystal lattices

ELECTRON COLLISIONS

BT1 collisions
 NT1 electron-atom collisions
 NT1 electron-electron collisions
 NT1 electron-ion collisions
 NT1 electron-molecule collisions
 NT1 electron-positron collisions
 NT1 photon-electron collisions

electron compounds

2003-05-30
 USE intermetallic compounds

electron configuration (atoms)

USE electronic structure

ELECTRON COOLING

1975-08-22
Reduction of particle beam oscillations by collisions with a low energy electron beam.
 BT1 beam cooling
 RT beam luminosity
 RT coulomb scattering
 RT electron beams
 RT proton beams

ELECTRON CORRELATION

In atomic models.
 UF correlation energy
 BT1 correlations
 RT atomic models
 RT density functional method

electron cyclotron masers

INIS: 2000-04-12; ETDE: 1978-04-06
 USE microwave amplifiers

ELECTRON CYCLOTRON-RESONANCE

UF ecr
 *BT1 cyclotron resonance
 RT ecr heating
 RT ecr ion sources

electron cyclotron-resonance current drive

INIS: 1999-07-26; ETDE: 1999-09-03
 USE ecr current drive

electron cyclotron-resonance heating

USE ecr heating

electron cyclotron-resonance ion sources

1995-07-03
 USE ecr ion sources

ELECTRON DENSITY

UF density (electron)
 RT current density
 RT electrons
 RT plasma eaters

ELECTRON DETACHMENT

A(1 minus) yields A(neutral) + e.
 RT electron loss
 RT ionization

ELECTRON DETECTION

*BT1 charged particle detection
 RT beta detection
 RT beta spectrometers
 RT electron dosimetry
 RT electron spectrometers
 RT positron detection

electron-deuteron interactions

(Prior to March 1996 this was a valid ETDE descriptor.)
 USE electron-neutron interactions
 USE electron-proton interactions

ELECTRON DIFFRACTION

UF diffraction (electron)
 UF leed
 UF low energy electron diffraction
 *BT1 diffraction
 RT crystallography
 RT diffuse scattering
 RT kikuchi lines

electron donor

USE binding energy
 USE electrons
 USE valence

ELECTRON DOSIMETRY

BT1 dosimetry
 RT electron detection

ELECTRON DRIFT

UF drift (electron)
 RT ambipolar diffusion
 RT electrons

ELECTRON-ELECTRON COLLISIONS

*BT1 electron collisions

ELECTRON-ELECTRON COUPLING

1998-10-23
 BT1 coupling
 RT superconductivity

electron-electron double resonance

1993-11-05
 USE eldor

ELECTRON-ELECTRON INTERACTIONS

*BT1 lepton-lepton interactions

ELECTRON EMISSION

UF emission (electron)
 BT1 emission
 NT1 photoelectric emission
 RT auger effect
 RT electron sources
 RT field emission
 RT internal electromagnetic pulses
 RT thermionic emission
 RT work functions

ELECTRON EXCHANGE

UF exchange (electron)
 BT1 electron transfer
 RT atom-atom collisions
 RT atom-molecule collisions

ELECTRON GAS

RT fermi gas
 RT gases
 RT pines-bohm theory
 RT solid-state plasma

ELECTRON GUNS

1999-07-02
 UF guns (electron)
 NT1 pierce electron guns
 RT electron tubes

ELECTRON-HOLE COUPLING

INIS: 1989-09-14; ETDE: 1980-03-29
 BT1 coupling
 RT electrons
 RT holes
 RT superconductivity

ELECTRON-HOLE DROPLETS

INIS: 1999-10-07; ETDE: 1979-02-23
 *BT1 solid-state plasma
 RT charge carriers
 RT excitons
 RT holes

electron-hole plasma

INIS: 1983-06-30; ETDE: 2002-06-13
 USE solid-state plasma

electron holes

ETDE: 1975-09-11
 USE holes

ELECTRON-IMPACT ION SOURCES

2018-02-26
 BT1 ion sources

ELECTRON-ION COLLISIONS

*BT1 electron collisions
 *BT1 ion collisions

ELECTRON-ION COUPLING

1984-04-04
 BT1 coupling
 RT superconductivity

ELECTRON LOSS

RT beam strippers
 RT charge exchange
 RT charge states
 RT electron detachment
 RT ionization

ELECTRON-MESON INTERACTIONS

*BT1 lepton-meson interactions
 NT1 electron-pion interactions

ELECTRON MICROPROBE ANALYSIS

BT1 microanalysis
 *BT1 nondestructive analysis
 RT ceramography
 RT electron probes
 RT post-irradiation examination

ELECTRON MICROSCOPES

BT1 microscopes

ELECTRON MICROSCOPY

BT1 microscopy
 NT1 scanning electron microscopy
 NT1 transmission electron microscopy
 RT cytological techniques
 RT dielectric track detectors
 RT electron scanning
 RT labelled compounds
 RT replicas
 RT resolution
 RT sample preparation
 RT ultrastructural changes

ELECTRON MOBILITY

*BT1 particle mobility
 RT electric conductors
 RT semiconductor materials

ELECTRON-MOLECULE COLLISIONS

- *BT1 electron collisions
- *BT1 molecule collisions

ELECTRON MULTIPLIER DETECTORS

- *BT1 radiation detectors
- RT electron multipliers

ELECTRON MULTIPLIERS

- UF multiplier tubes
- BT1 electron tubes
- NT1 microchannel electron multipliers
- RT dynodes
- RT electron multiplier detectors
- RT photomultipliers

ELECTRON-MUON INTERACTIONS

- *BT1 lepton-lepton interactions

ELECTRON-MUON-TAU UNIVERSALITY

INIS: 1989-09-14; ETDE: 1989-10-16

Identity of all properties but mass.

- NT1 electron-muon universality
- RT electrons
- RT muons
- RT tau particles

ELECTRON-MUON UNIVERSALITY

Identity of all properties but mass.

- BT1 electron-muon-tau universality
- RT electrons
- RT muons

ELECTRON NEUTRINOS

- *BT1 neutrinos
- NT1 electron antineutrinos

ELECTRON-NEUTRON INTERACTIONS

(From February 1975 until March 1996

ELECTRON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

- UF electron-deuteron interactions
- *BT1 electron-nucleon interactions

electron nuclear double resonance

- USE endor

ELECTRON-NUCLEON INTERACTIONS

- *BT1 lepton-nucleon interactions
- NT1 electron-neutron interactions
- NT1 electron-proton interactions

ELECTRON PAIRS

- RT electrons
- RT pair production
- RT positrons

electron paramagnetic resonance

- USE electron spin resonance

ELECTRON-PHONON COUPLING

1983-03-15

- BT1 coupling
- RT crystal lattices
- RT electrons
- RT phonons
- RT superconductivity

ELECTRON-PION INTERACTIONS

INIS: 1982-08-27; ETDE: 1979-04-11

- *BT1 electron-meson interactions

ELECTRON PLASMA WAVES

- UF electron acoustic waves
- BT1 plasma waves

ELECTRON-POSITRON COLLISIONS

- *BT1 electron collisions
- *BT1 positron collisions

ELECTRON-POSITRON INTERACTIONS

- *BT1 lepton-lepton interactions

ELECTRON PRECIPITATION

- BT1 charged-particle precipitation
- RT aurorae
- RT auroral oval
- RT midday aurorae
- RT polar cusp
- RT radiation belts
- RT trapped electrons

ELECTRON PROBES

- BT1 probes
- RT electron microprobe analysis
- RT x-ray emission analysis

ELECTRON-PROMOTION MODEL

- UF fano-lichten model
- BT1 mathematical models
- RT diabatic approximation
- RT ion-atom collisions

ELECTRON-PROTON INTERACTIONS

(From February 1975 until March 1996

ELECTRON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

- UF electron-deuteron interactions
- *BT1 electron-nucleon interactions

ELECTRON-QUARK INTERACTIONS

INIS: 1995-08-10; ETDE: 1985-08-09

- *BT1 particle interactions
- RT electromagnetic interactions
- RT intermediate vector bosons
- RT weak interactions

ELECTRON REACTIONS

- *BT1 charged-particle reactions
- *BT1 lepton reactions
- NT1 electrofission

ELECTRON-RING ACCELERATORS

- UF adgezator
- UF ion-drag accelerators
- UF ringotron
- UF smokatron
- *BT1 collective accelerators
- RT electron rings

ELECTRON RINGS

INIS: 1976-05-07; ETDE: 1978-03-08

- RT confinement
- RT electron-ring accelerators
- RT magnetic confinement

ELECTRON SCANNING

- UF scanning (electron)
- RT cathode ray tubes
- RT electron microscopy

ELECTRON SOURCES

- *BT1 particle sources
- NT1 pierce electron guns
- RT electron emission
- RT thermionic emitters

ELECTRON SPECTRA

INIS: 1975-11-27; ETDE: 1976-01-26

- BT1 spectra
- RT x-ray photoelectron spectroscopy

ELECTRON SPECTROMETERS

- *BT1 spectrometers
- RT electron detection

ELECTRON SPECTROSCOPY

- BT1 spectroscopy
- NT1 auger electron spectroscopy
- NT1 energy-loss spectroscopy
- NT1 photoelectron spectroscopy
- NT2 x-ray photoelectron spectroscopy
- RT electrons

electron-spin echo

INIS: 2000-04-12; ETDE: 1980-03-29

- SEE acoustic esr

ELECTRON SPIN RESONANCE

- UF electron paramagnetic resonance
- UF epr
- UF esr
- UF paramagnetic resonance (electron)
- *BT1 magnetic resonance
- NT1 acoustic esr
- RT double resonance methods
- RT overhauser effect
- RT structural chemical analysis

ELECTRON TEMPERATURE

- UF plasma temperature
- UF temperature (electron)
- RT electrons
- RT energy

ELECTRON TRANSFER

Not for the concept covered by CHARGE EXCHANGE.

- UF transfer (electron)
- NT1 electron exchange
- RT carrier mobility

ELECTRON TUBES

- UF storage tubes
- NT1 cathode ray tubes
- NT1 cold cathode tubes
- NT1 counting tubes
- NT1 diode tubes
- NT2 thermionic diodes
- NT1 electron multipliers
- NT2 microchannel electron multipliers
- NT1 gas discharge tubes
- NT2 flash tubes
- NT2 ignitrons
- NT2 thyratrons
- NT1 gyrocons
- NT1 microwave tubes
- NT2 backward wave tubes
- NT2 klystrons
- NT2 lasertrons
- NT2 magnetrons
- NT2 travelling wave tubes
- NT1 plasmatrions
- NT1 rectifier tubes
- NT2 ignitrons
- NT1 thermionic tubes
- NT2 thermionic diodes
- NT1 triode tubes
- NT1 x-ray tubes
- RT cathodes
- RT electrical equipment
- RT electrodes
- RT electron guns
- RT electronic equipment
- RT gettering
- RT getters
- RT image tubes
- RT phototubes
- RT space charge
- RT thermionic emission
- RT work functions

ELECTRONEGATIVITY

- RT affinity
- RT ionization potential

ELECTRONIC CIRCUITS

UF circuits (electronic)
 NT1 campbelling circuits
 NT1 cathode followers
 NT1 coincidence circuits
 NT1 comparator circuits
 NT1 counting circuits
 NT1 delay circuits
 NT1 digital circuits
 NT1 discriminators
 NT2 pulse discriminators
 NT1 equivalent circuits
 NT1 gating circuits
 NT1 limiter circuits
 NT1 logic circuits
 NT1 microelectronic circuits
 NT2 integrated circuits
 NT3 cmos circuits
 NT2 microprocessors
 NT1 power conditioning circuits
 NT1 printed circuits
 NT1 pulse circuits
 NT2 multivibrators
 NT3 flip-flop circuits
 NT2 pulse discriminators
 NT2 signal conditioners
 NT3 digitizers
 NT4 cathode ray tube digitizers
 NT4 flying spot digitizers
 NT4 scanning measuring projectors
 NT4 spiral reader digitizers
 NT3 pulse shapers
 NT2 trigger circuits
 NT3 transistor trigger circuits
 NT1 sequential circuits
 NT1 sweep circuits
 NT1 switching circuits
 NT2 transistor switching circuits
 NT1 tank circuits
 NT1 timing circuits
 RT amplifiers
 RT analog systems
 RT circuit breakers
 RT circuit theory
 RT counting techniques
 RT digital systems
 RT electric grounds
 RT electrical equipment
 RT electronic equipment
 RT lock-in amplifiers
 RT nanoelectronics
 RT oscillators
 RT response functions
 RT speech synthesizers
 RT transistors

electronic data processing

USE data processing

ELECTRONIC EQUIPMENT

BT1 equipment
 NT1 amplifiers
 NT2 ac amplifiers
 NT2 dc amplifiers
 NT2 dielectric amplifiers
 NT2 high frequency amplifiers
 NT2 lock-in amplifiers
 NT2 magnetic amplifiers
 NT2 microwave amplifiers
 NT3 masers
 NT2 operational amplifiers
 NT2 parametric amplifiers
 NT2 power amplifiers
 NT2 preamplifiers
 NT2 pulse amplifiers
 NT2 transistor amplifiers
 NT1 analog-to-digital converters
 NT1 counting ratemeters
 NT2 linear ratemeters

NT2 logarithmic ratemeters
 NT1 digital-to-analog converters
 NT1 function generators
 NT2 pulse generators
 NT3 high-voltage pulse generators
 NT4 marx generators
 NT1 microwave equipment
 NT2 heterodyne receivers
 NT2 microwave amplifiers
 NT3 masers
 NT2 microwave dryers
 NT2 microwave tubes
 NT3 backward wave tubes
 NT3 klystrons
 NT3 lasertrons
 NT3 magnetrons
 NT3 travelling wave tubes
 NT2 squid devices
 NT1 multiplexers
 NT1 optoelectronic devices
 NT1 oscillators
 NT2 blocking oscillators
 NT2 parametric oscillators
 NT2 transistor oscillators
 NT1 oscillographs
 NT1 power supplies
 NT2 marx generators
 NT2 photovoltaic power supplies
 NT2 radio equipment power supplies
 NT2 spacecraft power supplies
 NT2 uninterruptible power supplies
 NT1 pulse analyzers
 NT2 multi-channel analyzers
 NT1 pulse converters
 NT2 current-to-frequency converters
 NT2 time-to-amplitude converters
 NT2 time-to-digital converters
 NT1 pulse integrators
 NT1 radio equipment
 NT2 heterodyne receivers
 NT2 ionosondes
 NT2 radio telescopes
 NT1 resonators
 NT2 cavity resonators
 NT3 superconducting cavity resonators
 NT2 split-ring resonators
 NT1 scalars
 NT1 speech synthesizers
 RT analog systems
 RT atomic clocks
 RT camac system
 RT computer architecture
 RT computers
 RT consoles
 RT counting techniques
 RT data acquisition systems
 RT digital systems
 RT digitizers
 RT display devices
 RT electric measuring instruments
 RT electrical equipment
 RT electron tubes
 RT electronic circuits
 RT electronic guidance
 RT electronic wastes
 RT equipment interfaces
 RT image scanners
 RT miniaturization
 RT nuclear instrument modules
 RT potting
 RT potting materials
 RT pulse techniques
 RT radar
 RT radiation hardness
 RT reactor components
 RT recording systems
 RT semiconductor devices
 RT sensors
 RT sonar

RT standby mode
 RT x-ray equipment

ELECTRONIC GUIDANCE

UF guidance (electronic)
 BT1 control systems
 RT electronic equipment
 RT inertial guidance
 RT navigational instruments
 RT rockets
 RT space vehicles

electronic learning

2016-06-24

USE e-learning

ELECTRONIC SPECIFIC HEAT

Electron contribution to the specific heat of electronic conductors.

*BT1 specific heat
 RT magnetic specific heat
 RT nuclear specific heat

ELECTRONIC STRUCTURE

For electron configuration in atoms and molecules, and electron band structure in solids.

UF atomic shells
 UF electron configuration (atoms)
 NT1 k shell
 NT1 l shell
 NT1 m shell
 NT1 n shell
 RT atomic models
 RT atomic radii
 RT aufbau principle
 RT band theory
 RT configuration interaction
 RT conformational changes
 RT crystal field
 RT density of states
 RT energy levels
 RT extreme ultraviolet spectra
 RT hartree-fock method
 RT heisenberg model
 RT hsk procedure
 RT hubbard model
 RT hybridization
 RT isoelectronic atoms
 RT molecular orbital method
 RT muffin-tin potential
 RT nanostructures
 RT photoelectron spectroscopy
 RT rydberg-klein-rees method
 RT rydberg states
 RT slater method
 RT ultraviolet spectra

ELECTRONIC WASTES

2016-03-21

UF e-wastes
 BT1 wastes
 RT electronic equipment

electronics (quantum)

INIS: 1981-05-11; ETDE: 1976-08-05
 USE quantum electronics

ELECTRONS

UF electron acceptor
 UF electron donor
 UF knock-on electrons
 UF negatons
 UF negatrons
 UF valence electrons
 *BT1 leptons
 NT1 cosmic electrons
 NT1 exoelectrons
 NT1 prompt electrons
 NT1 runaway electrons
 NT1 solar electrons

NT1 solvated electrons
NT1 tail electrons
NT1 trapped electrons
RT beta particles
RT charge carriers
RT cooper pairs
RT delta rays
RT dirac equation
RT electron beams
RT electron density
RT electron drift
RT electron-hole coupling
RT electron-muon-tau universality
RT electron-muon universality
RT electron pairs
RT electron-phonon coupling
RT electron spectroscopy
RT electron temperature
RT muonium
RT nanostructures
RT positronium
RT positrons
RT traps
RT umklapp processes

ELECTROPHORESIS

UF cataphoresis
UF drag effect
UF electromigration
UF ionophoresis
NT1 isotachophoresis
NT1 two-dimensional electrophoresis
RT separation processes
RT thermophoresis
RT transfer numbers

ELECTROPHYSIOLOGY

INIS: 1994-04-07; ETDE: 1985-08-22
BT1 physiology
RT bioelectricity
RT electric conductivity
RT electric potential

ELECTROPLATING

***BT1** electrodeposition
***BT1** plating
RT electrodeposited coatings

ELECTROPOLISHING

***BT1** electrolysis
***BT1** polishing
RT cleaning

ELECTROPRODUCTION

***BT1** electromagnetic interactions
***BT1** particle interactions
BT1 particle production
RT electric born model

ELECTROREFINING

***BT1** electrolysis
***BT1** refining
RT electrometallurgy

ELECTROSCOPES

***BT1** electric measuring instruments

ELECTROSLAG CASTING

INIS: 2000-04-12; ETDE: 1982-08-24
***BT1** casting
RT electroslog welding

ELECTROSLAG WELDING

***BT1** welding
RT arc welding
RT electroslog casting

ELECTROSTATIC ACCELERATORS

BT1 accelerators
NT1 cockcroft-walton accelerators
NT1 dynamitrons
NT1 pelletron accelerators

NT2 5u pelletron accelerator
NT1 tandem electrostatic accelerators
NT2 antares tandem accelerator
NT2 crnl mp tandem accelerator
NT2 jaeri tandem accelerator
NT2 orsay tandem accelerator
NT2 vivitron tandem accelerator
NT1 van de graaff accelerators
NT2 crnl mp tandem accelerator
NT2 jaeri tandem accelerator
NT2 orsay tandem accelerator
NT2 vivitron tandem accelerator

ELECTROSTATIC ANALYZERS

BT1 beam analyzers
RT electrostatic lenses

ELECTROSTATIC CHARGE ELIMINATORS

UF static electricity eliminators
RT electric charges
RT electrostatics

ELECTROSTATIC LENSES

BT1 lenses
RT beam optics
RT electrostatic analyzers
RT electrostatic mirrors
RT electrostatic septa

ELECTROSTATIC MIRRORS

INIS: 1986-03-04; ETDE: 1989-08-16
BT1 mirrors
RT beam optics
RT electrostatic lenses
RT electrostatics
RT reflection

ELECTROSTATIC PRECIPITATORS

***BT1** pollution control equipment
RT air cleaning
RT air cleaning systems
RT air pollution control
RT air pollution monitors
RT dust collectors
RT electrostatics
RT gaseous wastes
RT hot gas cleanup
RT separation processes
RT stack disposal

ELECTROSTATIC PROBES

BT1 probes

ELECTROSTATIC SEPARATION

1994-06-27
BT1 separation processes

ELECTROSTATIC SEPTA

RT beam optics
RT electrostatic lenses
RT magnetic analyzers
RT septum magnets

ELECTROSTATIC SPECTROMETERS

***BT1** spectrometers

electrostatic waves

USE plasma waves

ELECTROSTATICS

RT capacitors
RT charge distribution
RT electric charges
RT electric sparks
RT electrostatic charge eliminators
RT electrostatic mirrors
RT electrostatic precipitators
RT xerography

electrovac equations

INIS: 1983-06-30; ETDE: 1983-07-20
 USE einstein-maxwell equations

electroweak interaction model

INIS: 1995-08-10; ETDE: 2002-06-13
 USE weinberg-salam gauge model

electroweak mixing angle

INIS: 2000-04-12; ETDE: 1985-07-23
 USE weinberg angle

electroweak model

INIS: 2000-04-12; ETDE: 1985-03-26
 USE weinberg-salam gauge model

electrowinning

USE electrometallurgy

element 104

(Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium

element 104 253

INIS: 1986-06-10; ETDE: 1986-08-21
 (Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium 253

element 104 254

INIS: 1986-06-10; ETDE: 1986-08-22
 (Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium 254

element 104 255

INIS: 1986-06-10; ETDE: 1986-08-22
 (Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium 255

element 104 256

INIS: 1986-06-10; ETDE: 1986-08-22
 (Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium 256

element 104 257

INIS: 1986-06-10; ETDE: 1986-08-22
 (Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium 257

element 104 258

INIS: 1986-06-10; ETDE: 1986-08-22
 (Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium 258

element 104 259

INIS: 1986-06-10; ETDE: 1986-08-22
 (Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium 259

element 104 260

INIS: 1986-06-10; ETDE: 1986-08-22
 (Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium 260

element 104 261

INIS: 1986-06-10; ETDE: 1986-08-22
 (Prior to March 2004 this was a valid descriptor.)
 USE rutherfordium 261

element 104 262

INIS: 1986-06-10; ETDE: 1986-08-22
(Prior to March 2004 this was a valid descriptor.)
USE rutherfordium 262

element 104 263

2002-08-13
(Prior to March 2004 this was a valid descriptor.)
USE rutherfordium 263

element 104 chlorides

(Prior to March 2004 this was a valid descriptor.)
USE rutherfordium chlorides

element 104 complexes

(Prior to March 2004 this was a valid descriptor.)
USE rutherfordium complexes

element 104 compounds

(Prior to March 2004 this was a valid descriptor.)
USE rutherfordium compounds

element 104 isotopes

1975-09-02
(Prior to March 2004 this was a valid descriptor.)
USE rutherfordium isotopes

element 105

(Prior to March 2004 this was a valid descriptor.)
USE dubnium

element 105 255

INIS: 1986-06-10; ETDE: 1986-08-22
(Prior to March 2004 this was a valid descriptor.)
USE dubnium 255

element 105 256

2002-01-11
(Prior to March 2004 this was a valid descriptor.)
USE dubnium 256

element 105 257

INIS: 1986-06-10; ETDE: 1986-08-22
(Prior to March 2004 this was a valid descriptor.)
USE dubnium 257

element 105 258

INIS: 1986-06-10; ETDE: 1986-08-22
(Prior to March 2004 this was a valid descriptor.)
USE dubnium 258

element 105 259

INIS: 1986-06-10; ETDE: 1986-08-22
(Prior to March 2004 this was a valid descriptor.)
USE dubnium 259

element 105 260

INIS: 1986-06-10; ETDE: 1986-08-22
(Prior to March 2004 this was a valid descriptor.)
USE dubnium 260

element 105 261

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE dubnium 261

element 105 262

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE dubnium 262

element 105 263

INIS: 1992-01-15; ETDE: 1992-02-14
(Prior to March 2004 this was a valid descriptor.)
USE dubnium 263

element 105 compounds

(Prior to March 2004 this was a valid descriptor.)
USE dubnium compounds

element 105 isotopes

INIS: 1986-06-10; ETDE: 1986-08-21
(Prior to March 2004 this was a valid descriptor.)
USE dubnium isotopes

element 106

(Prior to March 2004 this was a valid descriptor.)
USE seaborgium

element 106 259

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE seaborgium 259

element 106 260

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE seaborgium 260

element 106 261

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE seaborgium 261

element 106 262

INIS: 2001-03-15; ETDE: 2001-02-12
(Prior to March 2004 this was a valid descriptor.)
USE seaborgium 262

element 106 263

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE seaborgium 263

element 106 265

INIS: 1996-06-17; ETDE: 1996-05-31
(Prior to March 2004 this was a valid descriptor.)
USE seaborgium 265

element 106 266

INIS: 1996-06-17; ETDE: 1996-05-31
(Prior to March 2004 this was a valid descriptor.)
USE seaborgium 266

element 106 compounds

(Prior to March 2004 this was a valid descriptor.)
USE seaborgium compounds

element 106 isotopes

INIS: 1996-06-17; ETDE: 1976-04-19
(Prior to March 2004 this was a valid descriptor.)
USE seaborgium isotopes

element 107

(Prior to March 2004 this was a valid descriptor.)
USE bohrium

element 107 261

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE bohrium 261

element 107 262

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE bohrium 262

element 107 264

1995-03-28
(Prior to March 2004 this was a valid descriptor.)
USE bohrium 264

element 107 compounds

(Prior to March 2004 this was a valid descriptor.)
USE bohrium compounds

element 107 isotopes

INIS: 1995-03-28; ETDE: 1986-08-21
(Prior to March 2004 this was a valid descriptor.)
USE bohrium isotopes

element 108

(Prior to March 2004 this was a valid descriptor.)
USE hassium

element 108 264

INIS: 1986-10-29; ETDE: 1986-11-20
(Prior to March 2004 this was a valid descriptor.)
USE hassium 264

element 108 265

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE hassium 265

element 108 266

INIS: 2001-03-15; ETDE: 2001-02-12
(Prior to March 2004 this was a valid descriptor.)
USE hassium 266

element 108 270

2002-08-13
(Prior to March 2004 this was a valid descriptor.)
USE hassium 270

element 108 compounds

2002-08-13
(Prior to March 2004 this was a valid descriptor.)
USE hassium compounds

element 108 isotopes

INIS: 1986-06-10; ETDE: 1986-08-21
(Prior to March 2004 this was a valid descriptor.)
USE hassium isotopes

element 109

(Prior to March 2004 this was a valid descriptor.)
USE meitnerium

element 109 266

INIS: 1986-06-10; ETDE: 1986-08-25
(Prior to March 2004 this was a valid descriptor.)
USE meitnerium 266

element 109 268

1995-03-28
(Prior to March 2004 this was a valid descriptor.)
USE meitnerium 268

element 109 compounds

2010-01-22
USE meitnerium compounds

element 109 isotopes

INIS: 1995-03-28; ETDE: 1986-08-21
(Prior to March 2004 this was a valid descriptor.)
USE meitnerium isotopes

element 110

(Prior to March 2004 this was a valid descriptor.)
USE darmstadtium

element 110 269

1995-03-23
(Prior to March 2004 this was a valid descriptor.)
USE darmstadtium 269

element 110 270

INIS: 2001-03-15; ETDE: 2001-02-12
(Prior to March 2004 this was a valid descriptor.)
USE darmstadtium 270

element 110 compounds

(Prior to March 2004 this was a valid descriptor.)
USE darmstadtium compounds

element 110 isotopes

1995-03-23
(Prior to March 2004 this was a valid descriptor.)
USE darmstadtium isotopes

element 111

(Prior to January 2006 this was a valid descriptor.)
USE roentgenium

element 111 272

1995-03-28
(Prior to January 2006 this was a valid descriptor.)
USE roentgenium 272

element 111 compounds

(Prior to January 2006 this was a valid descriptor.)
USE roentgenium compounds

element 111 isotopes

INIS: 1995-03-28; ETDE: 2006-01-09
(Prior to January 2006 this was a valid descriptor.)
USE roentgenium isotopes

element 112

(Prior to May 2010 this was a valid descriptor.)
USE copernicium

element 112 277

1996-05-14
USE copernicium 277

element 112 283

INIS: 1999-06-24; ETDE: 1999-08-24
(Prior to May 2010 this was a valid descriptor.)
USE copernicium 283

element 112 compounds

2002-08-13
(Prior to May 2010 this was a valid descriptor.)
USE copernicium compounds

element 112 isotopes

1996-05-14
(Prior to May 2010 ELEMENT 112 ISOTOPES was used for this concept.)
USE copernicium isotopes

element 113

Prior to March 2017 this was a valid descriptor.
USE nihonium

element 113 278

2007-05-25
Prior to March 2017 this was a valid descriptor.
USE nihonium 278

element 113 283

2007-05-25
Prior to March 2017 this was a valid descriptor.
USE nihonium 283

element 113 284

2007-05-25
Prior to March 2017 this was a valid descriptor.
USE nihonium 284

element 113 compounds

Prior to March 2017 this was a valid descriptor.
USE nihonium compounds

element 113 isotopes

2007-05-25
Prior to March 2017 this was a valid descriptor.
USE nihonium isotopes

element 114

USE flerovium

element 114 285

2007-09-25
USE flerovium 285

element 114 286

2007-09-25
USE flerovium 286

element 114 287

2007-09-25
USE flerovium 287

element 114 288

2007-09-25
USE flerovium 288

element 114 289

2007-09-25
USE flerovium 289

element 114 292

2010-05-19
USE flerovium 292

element 114 compounds

USE flerovium compounds

element 114 isotopes

2007-09-25
USE flerovium isotopes

element 115

Prior to March 2017 this was a valid descriptor.

element 115 287

2007-06-19
Prior to March 2017 this was a valid descriptor.
USE moscovium 287

element 115 288

2007-06-26
Prior to March 2017 this was a valid descriptor.
USE moscovium 288

element 115 isotopes

2007-06-19
Prior to March 2017 this was a valid descriptor.
USE moscovium isotopes

element 116

INIS: 1977-03-01; ETDE: 1976-12-15
USE livermorium

element 116 290

2008-10-22
USE livermorium 290

element 116 291

2008-10-22
USE livermorium 291

element 116 292

2008-10-22
USE livermorium 292

element 116 293

2008-10-22
USE livermorium 293

element 116 isotopes

2008-10-22
USE livermorium isotopes

element 117

Prior to March 2017 this was a valid descriptor.

element 117 isotopes

2007-06-19
Prior to March 2017 this was a valid descriptor.
USE tennessine isotopes

element 118

INIS: 1975-10-29; ETDE: 1975-08-19
Prior to March 2017 this was a valid descriptor.
USE oganesson

element 118 294

2008-10-22
Prior to March 2017 this was a valid descriptor.
USE oganesson 294

element 118 isotopes

2008-10-22
Prior to March 2017 this was a valid descriptor.
USE oganesson isotopes

ELEMENT 119

INIS: 1981-11-27; ETDE: 1981-08-04
UF ununennium

*BT1 transactinide elements

ELEMENT 119 ISOTOPES

2007-06-19

BT1 isotopes

ELEMENT 120

INIS: 1981-11-27; ETDE: 1981-08-04

UF unbinilium

*BT1 transactinide elements

ELEMENT 124

2010-05-19

UF unbiquadium

*BT1 transactinide elements

ELEMENT 124 312

2010-05-19

*BT1 element 124 isotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

ELEMENT 124 ISOTOPES

2010-05-19

BT1 isotopes

NT1 element 124 312

ELEMENT 126

UF unbihexium

*BT1 transactinide elements

ELEMENT 128

INIS: 1977-09-15; ETDE: 1977-11-10

UF unbioctium

*BT1 transactinide elements

ELEMENT 134

INIS: 1977-09-15; ETDE: 1977-11-10

UF untriquadium

*BT1 transactinide elements

ELEMENT 145

INIS: 1977-09-15; ETDE: 1977-11-10

UF unquadpentium

*BT1 transactinide elements

ELEMENT 164

INIS: 1977-09-15; ETDE: 1977-11-10

UF unhexquadium

*BT1 transactinide elements

ELEMENT 173

INIS: 1977-09-15; ETDE: 1977-11-10

UF unsepttrium

*BT1 transactinide elements

ELEMENT ABUNDANCE

ETDE: 1978-09-11

Always coordinate with descriptor(s) for element(s) involved.

UF abundance (element)

BT1 abundance

RT chemical composition

RT cosmochemistry

RT isotope ratio

RT natural occurrence

elemental minerals

INIS: 2000-04-12; ETDE: 1982-05-12

Use the descriptor below or a more specific term such as DIAMONDS or GRAPHITE.

(Prior to February 1997 this was a valid descriptor.)

USE minerals

ELEMENTARY LENGTH

1976-08-17

BT1 distance

*BT1 length

ELEMENTARY PARTICLES

UF fundamental particles

NT1 antiparticles

NT2 antibaryons

NT3 antihyperons

NT4 antilambda particles

NT4 antiomega particles

NT4 antisigma particles

NT4 antixi particles

NT3 antinucleons

NT4 antineutrons

NT4 antiprotons

NT2 antikaons

NT3 antikaons neutral

NT2 antileptons

NT3 antineutrinos

NT4 electron antineutrinos

NT4 muon antineutrinos

NT3 muons plus

NT3 positrons

NT4 cosmic positrons

NT2 antimesons

NT3 pseudoscalar antimesons

NT4 anti-b neutral mesons

NT4 anti-d neutral mesons

NT2 antiquarks

NT3 b antiquarks

NT3 c antiquarks

NT3 d antiquarks

NT3 s antiquarks

NT3 t antiquarks

NT3 u antiquarks

NT1 beauty particles

NT2 b quarks

NT3 b antiquarks

NT2 beauty baryons

NT3 lambda b neutral baryons

NT2 beauty mesons

NT3 b c mesons

NT3 b mesons

NT4 b minus mesons

NT4 b neutral mesons

NT5 anti-b neutral mesons

NT4 b plus mesons

NT3 b s mesons

NT3 b*-5325 mesons

NT1 charm particles

NT2 c quarks

NT3 c antiquarks

NT2 charmed baryons

NT3 lambda c-2625 baryons

NT3 lambda c plus baryons

NT3 omega c neutral baryons

NT3 sigma c-2455 baryons

NT3 xi c neutral baryons

NT3 xi c plus baryons

NT2 charmed mesons

NT3 b c mesons

NT3 d mesons

NT4 d minus mesons

NT4 d neutral mesons

NT5 anti-d neutral mesons

NT4 d plus mesons

NT3 d s-2536 mesons

NT3 d s mesons

NT3 d*-2010 mesons

NT3 d*2-2460 mesons

NT3 d*s-2110 mesons

NT3 d1-2420 mesons

NT1 hadrons

NT2 baryons

NT3 antibaryons

NT4 antihyperons

NT5 antilambda particles

NT5 antiomega particles

NT5 antisigma particles

NT5 antixi particles

NT4 antinucleons

NT5 antineutrons

NT5 antiprotons

NT3 beauty baryons

NT4 lambda b neutral baryons

NT3 charmed baryons

NT4 lambda c-2625 baryons

NT4 lambda c plus baryons

NT4 omega c neutral baryons

NT4 sigma c-2455 baryons

NT4 xi c neutral baryons

NT4 xi c plus baryons

NT3 dibaryons

NT4 dineutrons

NT4 diprotons

NT4 lambda-n-2130 dibaryons

NT4 nn-2170 dibaryons

NT4 nn-2250 dibaryons

NT3 hyperons

NT4 antihyperons

NT5 antilambda particles

NT5 antiomega particles

NT5 antisigma particles

NT5 antixi particles

NT4 lambda baryons

NT5 lambda-1405 baryons

NT5 lambda-1520 baryons

NT5 lambda-1600 baryons

NT5 lambda-1670 baryons

NT5 lambda-1690 baryons

NT5 lambda-1800 baryons

NT5 lambda-1810 baryons

NT5 lambda-1820 baryons

NT5 lambda-1830 baryons

NT5 lambda-1890 baryons

NT5 lambda-2100 baryons

NT5 lambda-2110 baryons

NT5 lambda particles

NT6 antilambda particles

NT4 lambda-n-2130 dibaryons

NT4 omega baryons

NT5 omega-2250 baryons

NT5 omega particles

NT6 antiomega particles

NT6 omega minus particles

NT4 sigma baryons

NT5 sigma-1385 baryons

NT5 sigma-1660 baryons

NT5 sigma-1670 baryons

NT5 sigma-1750 baryons

NT5 sigma-1770 baryons

NT5 sigma-1775 baryons

NT5 sigma-1915 baryons

NT5 sigma-1940 baryons

NT5 sigma-2030 baryons

NT5 sigma-2455 baryons

NT5 sigma particles

NT6 antisigma particles

NT6 sigma minus particles

NT6 sigma neutral particles

NT6 sigma plus particles

NT4 xi baryons

NT5 xi-1530 baryons

NT5 xi-1690 baryons

NT5 xi-1820 baryons

NT5 xi-1950 baryons

NT5 xi-2030 baryons

NT5 xi-2250 baryons

NT5 xi-2500 baryons

NT5 xi particles

NT6 antixi particles

NT6 xi minus particles

NT6 xi neutral particles

NT4 z*baryons

NT3 n*baryons

NT4 delta baryons

NT5 delta-1232 baryons

NT5 delta-1600 baryons

NT5 delta-1620 baryons

NT5 delta-1700 baryons

NT5 delta-1900 baryons

NT5 delta-1905 baryons

NT5 delta-1910 baryons

NT5 delta-1920 baryons

NT5 delta-1930 baryons

NT5 delta-1950 baryons
NT5 delta-2000 baryons
NT5 delta-2150 baryons
NT5 delta-2200 baryons
NT5 delta-2400 baryons
NT5 delta-2420 baryons
NT5 delta-3000 baryons
NT4 n baryons
NT5 n-1440 baryons
NT5 n-1520 baryons
NT5 n-1535 baryons
NT5 n-1650 baryons
NT5 n-1675 baryons
NT5 n-1680 baryons
NT5 n-1700 baryons
NT5 n-1710 baryons
NT5 n-1720 baryons
NT5 n-1960 baryons
NT5 n-1990 baryons
NT5 n-2000 baryons
NT5 n-2080 baryons
NT5 n-2100 baryons
NT5 n-2190 baryons
NT5 n-2250 baryons
NT5 n-3000 baryons
NT3 nucleons
NT4 antinucleons
NT5 antineutrons
NT5 antiprotons
NT4 neutrons
NT5 antineutrons
NT5 beta-delayed neutrons
NT5 cold neutrons
NT6 ultracold neutrons
NT5 cosmic neutrons
NT5 epithermal neutrons
NT5 fast neutrons
NT5 fission neutrons
NT6 delayed neutrons
NT6 prompt neutrons
NT5 intermediate neutrons
NT5 photoneutrons
NT5 pile neutrons
NT5 polyneutrons
NT6 dineutrons
NT6 tetra-neutrons
NT6 trineutrons
NT5 resonance neutrons
NT5 slow neutrons
NT5 solar neutrons
NT5 thermal neutrons
NT4 photonucleons
NT5 photoneutrons
NT5 photoprotons
NT4 protons
NT5 antiprotons
NT5 cosmic protons
NT5 delayed protons
NT5 diprotons
NT5 photoprotons
NT5 prompt protons
NT5 solar protons
NT5 trapped protons
NT2 mesons
NT3 antimesons
NT4 pseudoscalar antimesons
NT5 anti-b neutral mesons
NT5 anti-d neutral mesons
NT3 axial vector mesons
NT4 a1-1260 mesons
NT4 b1-1235 mesons
NT4 chi b1-9890 mesons
NT4 chi1-3510 mesons
NT4 d s-2536 mesons
NT4 d1-2420 mesons
NT4 f1-1285 mesons
NT4 f1-1420 mesons
NT4 f1-1510 mesons
NT4 h1-1170 mesons

NT4 k1-1270 mesons
NT4 k1-1400 mesons
NT3 baryonium
NT3 beauty mesons
NT4 b c mesons
NT4 b mesons
NT5 b minus mesons
NT5 b neutral mesons
NT6 anti-b neutral mesons
NT5 b plus mesons
NT4 b s mesons
NT4 b*-5325 mesons
NT3 bottomonium
NT4 chi b0-10235 mesons
NT4 chi b0-9860 mesons
NT4 chi b1-10255 mesons
NT4 chi b1-9890 mesons
NT4 chi b2-10270 mesons
NT4 chi b2-9915 mesons
NT4 upsilon-10023 mesons
NT4 upsilon-10355 mesons
NT4 upsilon-10580 mesons
NT4 upsilon-10860 mesons
NT4 upsilon-11020 mesons
NT4 upsilon-9460 mesons
NT3 charmed mesons
NT4 b c mesons
NT4 d mesons
NT5 d minus mesons
NT5 d neutral mesons
NT6 anti-d neutral mesons
NT5 d plus mesons
NT4 d s-2536 mesons
NT4 d s mesons
NT4 d*-2010 mesons
NT4 d*2-2460 mesons
NT4 d*s-2110 mesons
NT4 d1-2420 mesons
NT3 charmonium
NT4 chi0-3415 mesons
NT4 chi1-3510 mesons
NT4 chi2-3555 mesons
NT4 eta c-2980 mesons
NT4 eta c-3590 mesons
NT4 j psi-3097 mesons
NT4 psi-3685 mesons
NT4 psi-3770 mesons
NT4 psi-4040 mesons
NT4 psi-4160 mesons
NT4 psi-4415 mesons
NT3 phi mesons
NT4 phi-1020 mesons
NT4 phi-1680 mesons
NT4 phi3-1850 mesons
NT3 pseudoscalar mesons
NT4 b c mesons
NT4 b mesons
NT5 b minus mesons
NT5 b neutral mesons
NT6 anti-b neutral mesons
NT5 b plus mesons
NT4 b s mesons
NT4 d mesons
NT5 d minus mesons
NT5 d neutral mesons
NT6 anti-d neutral mesons
NT5 d plus mesons
NT4 d s mesons
NT4 eta-1295 mesons
NT4 eta-1440 mesons
NT4 eta c-2980 mesons
NT4 eta mesons
NT4 eta prime-958 mesons
NT4 k-1460 mesons
NT4 k-1830 mesons
NT4 kaons
NT5 antikaons
NT6 antikaons neutral
NT5 cosmic kaons

NT5 kaons minus
NT5 kaons neutral
NT6 antikaons neutral
NT6 kaons neutral long-lived
NT6 kaons neutral short-lived
NT5 kaons plus
NT4 pi-1300 mesons
NT4 pi-1770 mesons
NT4 pions
NT5 cosmic pions
NT5 pions minus
NT5 pions neutral
NT5 pions plus
NT4 pseudoscalar antimesons
NT5 anti-b neutral mesons
NT5 anti-d neutral mesons
NT3 scalar mesons
NT4 a0-980 mesons
NT4 chi0-3415 mesons
NT4 f0-1240 mesons
NT4 f0-1300 mesons
NT4 f0-1590 mesons
NT4 f0-1730 mesons
NT4 f0-980 mesons
NT4 k*0-1430 mesons
NT3 strange mesons
NT4 b s mesons
NT4 d s-2536 mesons
NT4 d s mesons
NT4 d*s-2110 mesons
NT4 k-1460 mesons
NT4 k-1830 mesons
NT4 k*-1410 mesons
NT4 k*-1680 mesons
NT4 k*-892 mesons
NT4 k*0-1430 mesons
NT4 k*2-1430 mesons
NT4 k*3-1780 mesons
NT4 k*4-2045 mesons
NT4 k1-1270 mesons
NT4 k1-1400 mesons
NT4 k2-1770 mesons
NT4 k2-1820 mesons
NT4 kaons
NT5 antikaons
NT6 antikaons neutral
NT5 cosmic kaons
NT5 kaons minus
NT5 kaons neutral
NT6 antikaons neutral
NT6 kaons neutral long-lived
NT6 kaons neutral short-lived
NT5 kaons plus
NT3 strangeonium
NT4 f2 prime-1525 mesons
NT3 tensor mesons
NT4 a2-1320 mesons
NT4 a4-2040 mesons
NT4 a6-2450 mesons
NT4 chi b2-9915 mesons
NT4 chi2-3555 mesons
NT4 d*2-2460 mesons
NT4 f2-1270 mesons
NT4 f2-1430 mesons
NT4 f2-1720 mesons
NT4 f2-1810 mesons
NT4 f2-2010 mesons
NT4 f2-2300 mesons
NT4 f2-2340 mesons
NT4 f2 prime-1525 mesons
NT4 f4-2050 mesons
NT4 f4-2300 mesons
NT4 f6-2510 mesons
NT4 k*2-1430 mesons
NT4 k*3-1780 mesons
NT4 k*4-2045 mesons
NT4 k2-1770 mesons
NT4 k2-1820 mesons
NT4 omega3-1670 mesons

NT4	phi3-1850 mesons	NT3	cosmic neutrinos	NT4	lambda-2110 baryons
NT4	pi2-1670 mesons	NT3	electron neutrinos	NT4	lambda particles
NT4	pi2-2100 mesons	NT4	electron antineutrinos	NT5	antilambda particles
NT4	rho3-1690 mesons	NT3	geoneutrinos	NT3	lambda-n-2130 dibaryons
NT4	rho3-2250 mesons	NT3	muon neutrinos	NT3	omega baryons
NT4	rho5-2350 mesons	NT4	muon antineutrinos	NT4	omega-2250 baryons
NT3	toponium	NT3	reactor neutrinos	NT4	omega particles
NT3	vector mesons	NT3	solar neutrinos	NT5	antiomega particles
NT4	b*-5325 mesons	NT3	sterile neutrinos	NT5	omega minus particles
NT4	d*-2010 mesons	NT3	tau neutrinos	NT3	sigma baryons
NT4	j psi-3097 mesons	NT1	massless particles	NT4	sigma-1385 baryons
NT4	k*-1410 mesons	NT2	gravitons	NT4	sigma-1660 baryons
NT4	k*-1680 mesons	NT2	neutrinos	NT4	sigma-1670 baryons
NT4	k*-892 mesons	NT3	antineutrinos	NT4	sigma-1750 baryons
NT4	omega-1420 mesons	NT4	electron antineutrinos	NT4	sigma-1770 baryons
NT4	omega-1600 mesons	NT4	muon antineutrinos	NT4	sigma-1775 baryons
NT4	omega-782 mesons	NT3	atmospheric neutrinos	NT4	sigma-1915 baryons
NT4	phi-1020 mesons	NT4	conventional neutrinos	NT4	sigma-1940 baryons
NT4	phi-1680 mesons	NT4	prompt neutrinos	NT4	sigma-2030 baryons
NT4	psi-3685 mesons	NT3	cosmic neutrinos	NT4	sigma-2455 baryons
NT4	psi-3770 mesons	NT3	electron neutrinos	NT4	sigma particles
NT4	psi-4040 mesons	NT4	electron antineutrinos	NT5	antisigma particles
NT4	psi-4160 mesons	NT3	geoneutrinos	NT5	sigma minus particles
NT4	psi-4415 mesons	NT3	muon neutrinos	NT5	sigma neutral particles
NT4	rho-1450 mesons	NT4	muon antineutrinos	NT5	sigma plus particles
NT4	rho-1700 mesons	NT3	reactor neutrinos	NT3	xi baryons
NT4	rho-2150 mesons	NT3	solar neutrinos	NT4	xi-1530 baryons
NT4	rho-770 mesons	NT3	sterile neutrinos	NT4	xi-1690 baryons
NT4	upsilon-10023 mesons	NT3	tau neutrinos	NT4	xi-1820 baryons
NT4	upsilon-10355 mesons	NT2	photons	NT4	xi-1950 baryons
NT4	upsilon-10580 mesons	NT3	cosmic photons	NT4	xi-2030 baryons
NT4	upsilon-10860 mesons	NT1	postulated particles	NT4	xi-2250 baryons
NT4	upsilon-11020 mesons	NT2	dilatons	NT4	xi-2500 baryons
NT4	upsilon-9460 mesons	NT2	dyons	NT4	xi particles
NT3	x-1700 mesons	NT2	goldstone bosons	NT5	antixi particles
NT3	x-1935 mesons	NT3	axions	NT5	xi minus particles
NT3	x-2220 mesons	NT3	majorons	NT5	xi neutral particles
NT3	x-3075 mesons	NT2	gravitons	NT3	z*baryons
NT2	resonance particles	NT2	heavy neutral muons	NT2	s quarks
NT3	exotic resonances	NT2	inflavons	NT3	s antiquarks
NT1	higgs bosons	NT2	leptoquarks	NT2	spurions
NT1	intermediate bosons	NT2	magnetic monopoles	NT2	strange mesons
NT2	intermediate vector bosons	NT2	plektons	NT3	b s mesons
NT3	w minus bosons	NT2	preons	NT3	d s-2536 mesons
NT3	w plus bosons	NT2	sparticles	NT3	d s mesons
NT3	z neutral bosons	NT3	dilatons	NT3	d*s-2110 mesons
NT1	leading particles	NT3	gluinos	NT3	k-1460 mesons
NT1	leptons	NT3	gravitinos	NT3	k-1830 mesons
NT2	antileptons	NT3	higgsinos	NT3	k*-1410 mesons
NT3	antineutrinos	NT3	neutralinos	NT3	k*-1680 mesons
NT4	electron antineutrinos	NT3	photinos	NT3	k*-892 mesons
NT4	muon antineutrinos	NT3	winos	NT3	k*0-1430 mesons
NT3	muons plus	NT3	zinos	NT3	k*2-1430 mesons
NT3	positrons	NT2	spurions	NT3	k*3-1780 mesons
NT4	cosmic positrons	NT2	sterile neutrinos	NT3	k*4-2045 mesons
NT2	electrons	NT2	tachyons	NT3	k1-1270 mesons
NT3	cosmic electrons	NT2	top particles	NT3	k1-1400 mesons
NT3	exoelectrons	NT3	t quarks	NT3	k2-1770 mesons
NT3	prompt electrons	NT4	t antiquarks	NT3	k2-1820 mesons
NT3	runaway electrons	NT2	wimps	NT3	kaons
NT3	solar electrons	NT1	strange particles	NT4	antikaons
NT3	solvated electrons	NT2	hyperons	NT5	antikaons neutral
NT3	tail electrons	NT3	antihyperons	NT4	cosmic kaons
NT3	trapped electrons	NT4	antilambda particles	NT4	kaons minus
NT2	heavy leptons	NT4	antiomega particles	NT4	kaons neutral
NT3	heavy neutral muons	NT4	antisigma particles	NT5	antikaons neutral
NT3	tau neutrinos	NT4	antixi particles	NT5	kaons neutral long-lived
NT3	tau particles	NT3	lambda baryons	NT5	kaons neutral short-lived
NT2	muons	NT4	lambda-1405 baryons	NT4	kaons plus
NT3	cosmic muons	NT4	lambda-1520 baryons	NT1	virtual particles
NT3	muons minus	NT4	lambda-1600 baryons	RT	charged-particle transport theory
NT3	muons plus	NT4	lambda-1670 baryons	RT	fundamental constants
NT2	neutrinos	NT4	lambda-1690 baryons	RT	schwinger source theory
NT3	antineutrinos	NT4	lambda-1800 baryons	ELEMENTS	
NT4	electron antineutrinos	NT4	lambda-1810 baryons	For chemical elements only.	
NT4	muon antineutrinos	NT4	lambda-1820 baryons	UF	trace elements
NT3	atmospheric neutrinos	NT4	lambda-1830 baryons	NT1	metals
NT4	conventional neutrinos	NT4	lambda-1890 baryons	NT2	actinides
NT4	prompt neutrinos	NT4	lambda-2100 baryons		

NT3 actinium
 NT3 americium
 NT3 berkelium
 NT3 californium
 NT3 curium
 NT3 einsteinium
 NT3 fermium
 NT3 lawrencium
 NT3 mendelevium
 NT3 neptunium
 NT4 neptunium-alpha
 NT4 neptunium-gamma
 NT3 nobelium
 NT3 plutonium
 NT4 plutonium-alpha
 NT4 plutonium-beta
 NT4 plutonium-delta
 NT4 plutonium-epsilon
 NT4 plutonium-gamma
 NT3 protactinium
 NT3 thorium
 NT4 thorium-alpha
 NT4 thorium-beta
 NT3 uranium
 NT4 depleted uranium
 NT4 enriched uranium
 NT5 highly enriched uranium
 NT5 moderately enriched uranium
 NT5 slightly enriched uranium
 NT4 natural uranium
 NT4 uranium-alpha
 NT4 uranium-beta
 NT4 uranium-gamma
 NT2 alkali metals
 NT3 cesium
 NT3 francium
 NT3 lithium
 NT3 potassium
 NT3 rubidium
 NT3 sodium
 NT2 alkaline earth metals
 NT3 barium
 NT3 beryllium
 NT3 calcium
 NT3 magnesium
 NT3 radium
 NT3 strontium
 NT2 aluminium
 NT2 antimony
 NT2 bismuth
 NT2 cadmium
 NT2 gallium
 NT2 germanium
 NT3 germanene
 NT2 heavy metals
 NT2 indium
 NT2 lead
 NT2 liquid metals
 NT2 mercury
 NT2 polonium
 NT2 rare earths
 NT3 cerium
 NT4 cerium-alpha
 NT4 cerium-beta
 NT4 cerium-gamma
 NT3 dysprosium
 NT3 erbium
 NT3 europium
 NT3 gadolinium
 NT3 holmium
 NT3 lanthanum
 NT3 lutetium
 NT3 neodymium
 NT3 praseodymium
 NT3 promethium
 NT3 samarium
 NT3 terbium
 NT3 thulium
 NT3 ytterbium

NT2 refractory metals
 NT3 hafnium
 NT4 hafnium-alpha
 NT4 hafnium-beta
 NT3 iridium
 NT3 molybdenum
 NT3 niobium
 NT4 niobium-alpha
 NT4 niobium-beta
 NT3 osmium
 NT3 rhenium
 NT3 rhodium
 NT3 ruthenium
 NT3 tantalum
 NT3 technetium
 NT3 tungsten
 NT4 tungsten-alpha
 NT2 scrap metals
 NT2 thallium
 NT2 tin
 NT2 transition elements
 NT3 chromium
 NT3 cobalt
 NT3 copper
 NT3 gold
 NT3 hafnium
 NT4 hafnium-alpha
 NT4 hafnium-beta
 NT3 iron
 NT4 iron-alpha
 NT4 iron-delta
 NT4 iron-gamma
 NT3 manganese
 NT4 manganese-alpha
 NT3 molybdenum
 NT3 nickel
 NT3 niobium
 NT4 niobium-alpha
 NT4 niobium-beta
 NT3 platinum metals
 NT4 iridium
 NT4 osmium
 NT4 palladium
 NT4 platinum
 NT4 rhodium
 NT4 ruthenium
 NT3 rhenium
 NT3 scandium
 NT3 silver
 NT3 tantalum
 NT3 technetium
 NT3 titanium
 NT4 titanium-alpha
 NT4 titanium-beta
 NT3 tungsten
 NT4 tungsten-alpha
 NT3 vanadium
 NT3 yttrium
 NT3 zirconium
 NT4 zirconium-alpha
 NT4 zirconium-beta
 NT4 zirconium-omega
 NT2 zinc
 NT1 nonmetals
 NT2 carbon
 NT3 activated carbon
 NT3 carbon black
 NT3 carbon nanotubes
 NT3 carbynes
 NT3 diamonds
 NT3 fullerenes
 NT3 graphene
 NT3 graphite
 NT3 pyrolytic carbon
 NT2 halogens
 NT3 astatine
 NT3 bromine
 NT3 chlorine
 NT3 fluorine

 NT3 iodine
 NT2 hydrogen
 NT2 nitrogen
 NT2 oxygen
 NT2 phosphorus
 NT2 rare gases
 NT3 argon
 NT3 helium
 NT3 krypton
 NT3 neon
 NT3 radon
 NT3 xenon
 NT2 sulfur
 NT1 semimetals
 NT2 arsenic
 NT2 boron
 NT2 selenium
 NT2 silicon
 NT3 silicene
 NT2 tellurium
 NT1 transuranium elements
 NT2 neptunium
 NT3 neptunium-alpha
 NT3 neptunium-gamma
 NT2 plutonium
 NT3 plutonium-alpha
 NT3 plutonium-beta
 NT3 plutonium-delta
 NT3 plutonium-epsilon
 NT3 plutonium-gamma
 NT2 transplutonium elements
 NT3 americium
 NT3 berkelium
 NT3 californium
 NT3 curium
 NT3 einsteinium
 NT3 fermium
 NT3 lawrencium
 NT3 mendelevium
 NT3 nobelium
 NT3 transactinide elements
 NT4 bohrium
 NT4 copernicium
 NT4 darmstadtium
 NT4 dubnium
 NT4 element 119
 NT4 element 120
 NT4 element 124
 NT4 element 126
 NT4 element 128
 NT4 element 134
 NT4 element 145
 NT4 element 164
 NT4 element 173
 NT4 flerovium
 NT4 hassium
 NT4 livermorium
 NT4 meitnerium
 NT4 moscovium
 NT4 nihonium
 NT4 oganesson
 NT4 roentgenium
 NT4 rutherfordium
 NT4 seaborgium
 NT4 tennessine
 RT periodic system

elevation

INIS: 2000-04-12; ETDE: 1976-10-13

USE levels

ELEVATORS

2006-08-23

UF lifts

RT building technology suite

RT buildings

RT occupants

eliashberg equations

INIS: 1977-07-05; ETDE: 1976-01-07

USE gorkov-eliashberg theory

elisa

INIS: 1991-09-19; ETDE: 2002-06-13

Enzyme-Linked Immunosorbent Assay.

USE enzyme immunoassay

elk river reactor

USE err reactor

ELLIOT LAKE

*BT1 ontario

RT stanleigh mine

ELLIOT MODEL

*BT1 nuclear models

RT shell models

ELLIPSOMETERS

INIS: 1993-05-07; ETDE: 1979-02-23

Instruments for determining the ellipticity of polarized light. Used to measure the thickness of very thin transparent films.

BT1 measuring instruments

BT1 polarimeters

ELLIPSONOMETRY

INIS: 1993-05-07; ETDE: 1981-03-16

BT1 measuring methods

ELLIPTICAL CONFIGURATION

BT1 configuration

ELLSWORTHITE

2000-04-12

*BT1 oxide minerals

*BT1 uranium minerals

RT calcium oxides

RT niobium oxides

RT uranium oxides

elm (plasma physics)

INIS: 1989-12-07; ETDE: 1990-01-03

USE edge localized modes

elmax devices

2000-04-12

(Prior to September 1994, this was a valid ETDE descriptor.)

USE magnetic mirrors

elmo bumpy square

INIS: 2000-04-12; ETDE: 1986-04-11

An ELMO bumpy square consists of four straight magnetic mirror arrays linked by curved high-field corner coils. The bumpy square is a reconfiguration of the ELMO bumpy torus.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE elmo devices

ELMO BUMPY TORUS

*BT1 bumpy tori

*BT1 elmo devices

ELMO DEVICES

UF elmo bumpy square

*BT1 magnetic mirrors

NT1 elmo bumpy torus

ELONGATION

BT1 deformation

RT expansion

RT thermal expansion

elpidite

1996-06-26

(Until June 1996 this was a valid descriptor.)

USE silicate minerals

ELSA ACCELERATOR COMPLEX

2018-05-21

Electron accelerator complex consisting of injector linacs, booster synchrotron and stretcher ring; Physics Institute of the

University of Bonn, Germany

UF elsa electron accelerator

*BT1 accelerator complexes

RT accelerators

RT bonn synchrotron

RT elsa linacs

RT elsa stretcher ring

RT polarized beams

elsa electron accelerator

2018-05-21

USE elsa accelerator complex

ELSA LINACS

2018-05-21

*BT1 linear accelerators

RT elsa accelerator complex

ELSA STRETCHER RING

2018-05-21

BT1 storage rings

RT elsa accelerator complex

elsa synchrotron

2018-06-04

USE bonn synchrotron

elution (insoluble particles)

USE elutriation

elution (soluble constituents)

USE leaching

ELUTRIATION

UF elution (insoluble particles)

BT1 separation processes

RT dispersions

RT dusts

RT particle size

RT particles

RT powders

RT sampling

EMANATION METHOD

NT1 emanation thermal analysis

RT materials testing

RT radiochemistry

RT rare gases

EMANATION THERMAL ANALYSIS

BT1 emanation method

BT1 thermal analysis

RT rare gases

EMANOMETERS

UF radon monitors

*BT1 radiation detectors

EMBALSE REACTOR

INIS: 1992-06-30; ETDE: 1992-07-10

Nucleoelectrica Argentina S.A., Embalse, Cordoba, Argentina.

*BT1 candu type reactors

*BT1 phwr type reactors

EMBANKMENTS

INIS: 1999-03-15; ETDE: 1975-10-01

RT dams

RT soils

EMBARGOES

INIS: 1993-03-24; ETDE: 1978-03-08

Orders or edicts of a government prohibiting the departure or entry of goods within its domains; orders issued by common carrier or public regulatory agency prohibiting the acceptance of goods.

RT cartels

RT energy security

RT foreign policy

RT international cooperation

RT supply disruption

RT trade

embezzlement

INIS: 2000-04-12; ETDE: 1983-03-23

(Prior to September 1994, this was a valid ETDE descriptor.)

USE theft

EMBOLI

RT blood circulation

RT blood flow

RT blood vessels

RT cardiovascular diseases

RT radioembolization

RT vascular diseases

EMBRITTLEMENT

NT1 helium embrittlement

NT1 hydrogen embrittlement

RT brittle-ductile transitions

RT brittleness

RT ductile-brittle transitions

EMBRYONIC CELLS

UF amnion cells

BT1 animal cells

RT embryos

embryonic development

INIS: 2000-04-12; ETDE: 1976-12-15

USE ontogenesis

EMBRYOS

NT1 zygotes

RT age groups

RT amniotic fluid

RT carcinoembryonic antigen

RT embryonic cells

RT fetal membranes

RT fetuses

RT ontogenesis

RT pregnancy

RT prenatal irradiation

RT reproduction

RT uterus

EMC EFFECT

INIS: 1985-11-19; ETDE: 1985-06-25

The unexpected variation of the structure functions of nucleons bound in nuclei as compared with the structure functions of nucleons bound in the deuteron.

UF european muon collaboration effect

RT deep inelastic scattering

RT lepton reactions

RT particle structure

RT structure functions

emergencies

USE accidents

emergency core cooling system

USE eccs

emergency energy conservation act

INIS: 2000-04-12; ETDE: 1979-12-17

(Prior to September 1994, this was a valid ETDE descriptor.)

USE emergency plans

USE energy conservation

emergency petroleum allocation act

INIS: 2000-04-12; ETDE: 1979-11-23

(Prior to February 1995, this was a valid ETDE descriptor.)

SEE emergency plans

EMERGENCY PLANS

1995-05-10

(Prior to August 1985 EMERGENCY

PROVISIONS was used.)

- UF *emergency energy conservation act*
- UF *emergency provisions*
- SF *emergency petroleum allocation act*
- RT accident management
- RT evacuation
- RT external zones
- RT international nuclear event scale
- RT planning
- RT radiation accidents
- RT reactor accidents
- RT safety
- RT us emergency preparedness act

emergency preparedness act

INIS: 2000-04-12; ETDE: 1983-04-07

(Prior to February 1992 this was a valid ETDE descriptor.)

- USE us emergency preparedness act

emergency provisions

INIS: 1985-07-18; ETDE: 1977-08-25

(Prior to August 1985 this was a valid descriptor.)

- USE emergency plans

emergency rods

- USE scram rods

emergency showers

- USE safety showers

emergency shutdown

- USE scram

emery operation

INIS: 2000-04-12; ETDE: 1979-11-23

(Prior to February 1995, this was a valid ETDE descriptor.)

- USE nuclear explosions
- USE underground explosions

EMINENT DOMAIN

INIS: 2000-04-12; ETDE: 1979-05-25

The right of a government to take private property for public use by virtue of the superior dominion of the sovereign power over all lands within its jurisdiction.

- RT land use
- RT legal aspects
- RT rights-of-way

EMISSION

For emissions affecting the environment see also more specific descriptors such as AIR POLLUTION, EXHAUST GASES, GREENHOUSE GASES, PARTICULATES.

- NT1 electron emission
- NT2 photoelectric emission
- NT1 field emission
- NT1 ion emission
- NT1 neutron emission
- NT1 photon emission
- NT2 luminescence
 - NT3 bioluminescence
 - NT3 cathodoluminescence
 - NT3 chemiluminescence
 - NT3 electroluminescence
 - NT3 fluorescence
 - NT4 resonance fluorescence
 - NT3 lyoluminescence
 - NT3 phosphorescence
 - NT3 photoluminescence
 - NT3 radioluminescence
 - NT4 radiothermoluminescence
 - NT3 thermoluminescence
 - NT4 radiothermoluminescence
- NT2 superradiance

- NT1 secondary emission
- NT2 photoemission
- NT1 stimulated emission
- NT2 superradiance
- NT1 thermionic emission
- RT angular distribution
- RT emission spectra
- RT stationary pollutant sources

emission (cooperative spontaneous)

INIS: 1993-11-05; ETDE: 2002-06-13

- USE superradiance

emission (electron)

2000-04-12

- USE electron emission

EMISSION COMPUTED TOMOGRAPHY

INIS: 1980-04-02; ETDE: 1980-05-07

- *BT1 computerized tomography
- NT1 ecat scanning
- NT1 positron computed tomography
- NT1 single photon emission computed tomography
- RT biomedical radiography
- RT gamma cameras
- RT photon emission scanning
- RT positron cameras
- RT radioisotope scanning

emission computer axial tomography scanning

INIS: 2000-04-12; ETDE: 1979-09-06

- USE ecat scanning

EMISSION SPECTRA

- BT1 spectra
- RT emission

EMISSION SPECTROSCOPY

- UF *flame spectrometry*
- UF *x-ray photoelectron spectrometry*
- SF *spectrochemistry*
- BT1 spectroscopy
- NT1 fluorescence spectroscopy
- NT1 x-ray emission spectroscopy
- RT cathodoluminescence
- RT fourier transform spectrometers
- RT qualitative chemical analysis
- RT quantitative chemical analysis

emissions (industrial)

2003-08-26

- SEE exhaust gases
- SEE industrial wastes
- SEE liquid wastes
- SEE plumes
- SEE solid wastes
- SEE thermal effluents

emissions rights trading

2003-08-26

- USE emissions trading

EMISSIONS TAX

2003-08-27

Tax on the amount of pollution produced.

- BT1 taxes
- RT climatic change
- RT emissions trading
- RT environmental policy
- RT exhaust gases
- RT greenhouse gases
- RT industrial wastes
- RT kyoto protocol
- RT liquid wastes
- RT paris agreement
- RT plumes
- RT pollution
- RT rio declaration

- RT solid wastes
- RT thermal effluents

EMISSIONS TRADING

2003-08-26

Regulatory program that permits generators of pollution the option to exchange emission allowances as a cost-effective solution to achieve environmental goals.

- UF *emissions rights trading*
- *BT1 environmental policy
- RT allocations
- RT carbon footprint
- RT carbon neutrality
- RT charges
- RT climatic change
- RT emissions tax
- RT energy policy
- RT exhaust gases
- RT greenhouse gases
- RT industrial wastes
- RT kyoto protocol
- RT paris agreement
- RT pollution
- RT redd
- RT rio declaration

EMISSIONIVITY

- UF *spectral flame radiance*
- *BT1 optical properties
- BT1 surface properties
- RT blackbody radiation
- RT radiant heat transfer

emittance (beam)

- USE beam emittance

eml

INIS: 2000-04-12; ETDE: 1984-07-20

- SEE environmental measurements laboratory

emp

- USE electromagnetic pulses

EMPHYSEMA

INIS: 1979-01-18; ETDE: 1977-11-29

- BT1 pathological changes
- *BT1 respiratory system diseases
- RT lungs

emplacement

1984-02-22

The positioning or locating of an object in a particular place as, e.g., the emplacement of a nuclear explosive device within a borehole.

- USE positioning

employees

- USE personnel

EMPLOYMENT

INIS: 1996-05-14; ETDE: 1977-08-09

Number of workers employed.

- UF *unemployment*
- SF *labor*
- RT manpower
- RT occupations
- RT us affirmative action program
- RT work
- RT working days

ems (ethyl methanesulfonate)

ETDE: 2005-01-28

(Prior to January 2005 EMS was a valid descriptor.)

- USE ethyl methanesulfonate

EMSLAND REACTOR

INIS: 1980-02-26; ETDE: 1980-03-29
 Lingen, Niedersachsen, Federal Republic of Germany.

UF kernkraftwerk emsland

*BT1 pwr type reactors

EMULSIFICATION

1992-03-17

RT demulsification

RT demulsifiers

RT emulsifiers

RT emulsions

EMULSIFIERS

BT1 additives

NT1 detergents

NT2 pluronics

RT demulsification

RT demulsifiers

RT emulsification

RT emulsions

RT soaps

EMULSIONS

*BT1 colloids

NT1 microemulsions

NT1 photographic emulsions

RT demulsification

RT demulsifiers

RT emulsification

RT emulsifiers

RT latex

ENAMELS

BT1 coatings

RT ceramics

enanthic acid

USE heptanoic acid

ENANTIOMORPHS

INIS: 1994-06-27; ETDE: 1976-02-19
 Pair of chemical compounds or crystals whose molecular structures have a mirror-image relationship to each other.

UF chiral molecules

UF dextro and levo optical isomers

UF optical antipodes

UF optical isomers

BT1 isomers

RT stereochemistry

ENCAPSULATION

INIS: 1978-11-24; ETDE: 1978-04-27

May be used for biological systems, radioactive waste processing, etc.

RT capsules

RT potting

RT potting materials

RT radioactive waste processing

ENCEPHALITIS

*BT1 nervous system diseases

NT1 rabies

RT brain

RT viral diseases

END EFFECTS

1982-11-29

UF end losses

RT electromagnetic lenses

RT magnetic fields

RT mhd generators

RT wall effects

end losses

INIS: 1982-11-29; ETDE: 2002-06-13

USE end effects

end use sector

INIS: 2000-04-12; ETDE: 1979-05-03

See specific entries such as those listed below.

SEE commercial sector

SEE industry

SEE residential sector

SEE transportation sector

ENDANGERED SPECIES

INIS: 1991-10-11; ETDE: 1976-03-22

A species in danger of extinction in all or a

significant part of its range.

UF threatened species

RT animals

RT biological extinction

RT plants

endf

INIS: 1994-07-01; ETDE: 1983-03-23

Evaluated Nuclear Data File.

USE nuclear data collections

ENDOCRINE DISEASES

BT1 diseases

NT1 acromegaly

NT1 cushing syndrome

NT1 diabetes mellitus

NT1 goiter

NT1 hyperparathyroidism

NT1 hyperthyroidism

NT1 hypothyroidism

NT1 thyroiditis

RT endocrine glands

RT hormones

RT menstruation disorders

RT metabolic diseases

RT reproductive disorders

RT urogenital system diseases

ENDOCRINE GLANDS

*BT1 glands

NT1 adrenal glands

NT1 pancreas

NT1 parathyroid glands

NT1 pituitary gland

NT1 thyroid

RT endocrine diseases

RT gonads

RT homeostasis

RT hormones

RT hypothalamus

RT pineal gland

RT receptors

endometrium

USE uterus

ENDONUCLEASES

INIS: 1997-06-17; ETDE: 1984-06-29

Repair enzymes which remove short segments of DNA containing a damaged nucleotide or a mismatched base pair.

*BT1 dna-ase

RT contigs

RT dna methylases

RT dna repair

RT gene recombination proteins

RT nucleoproteins

RT rflps

ENDOPLASMIC RETICULUM

1999-04-20

BT1 cell constituents

NT1 sarcoplasmic reticulum

RT golgi complexes

ENDOR

UF electron nuclear double resonance

*BT1 magnetic resonance

RT double resonance methods

ENDORPHINS

INIS: 1982-09-21; ETDE: 1981-04-20

*BT1 neuroregulators

*BT1 polypeptides

NT1 enkephalins

RT brain

RT central nervous system depressants

ENDOSPERM

BT1 plant tissues

RT seeds

endosteum

USE bone tissues

ENDOTHELINS

2003-11-05

*BT1 polypeptides

RT endothelium

RT vasoconstrictors

ENDOTHELIUM

*BT1 animal tissues

RT endothelins

RT epithelium

ENDOTOXINS

*BT1 toxins

RT bacteria

RT infectivity

RT polysaccharides

ENDOXAN

UF cyclophosphamide

BT1 alkylating agents

*BT1 immunosuppressive drugs

RT immunosuppression

ENDURO

2000-04-12

*BT1 chromium-nickel steels

*BT1 heat resisting alloys

enea

1995-03-28

European Nuclear Energy Agency.

(Until March 1995 this was a valid descriptor.

Name changed to OECD Nuclear Energy

Agency in April 1972 and more recent

material should have been indexed to NEA.)

USE nea

enea italy

INIS: 1985-03-15; ETDE: 2002-06-13

Comitato Nazionale per la Ricerca e lo

Sviluppo dell'Energia Nucleare e delle

Energie Alternative.

USE italian enea

ENEL-4 REACTOR

Caorso, Italy. Permanent shutdown since July 1990.

UF caorso reactor

*BT1 bwr type reactors

enel-6 reactor

INIS: 1985-03-15; ETDE: 1985-04-09

USE montalto di castro-1 reactor

enel-8 reactor

INIS: 1985-03-15; ETDE: 1985-04-09

USE montalto di castro-2 reactor

energetic electrons

1994-02-28

USE tail electrons

energetic ions

INIS: 1994-02-28; ETDE: 2002-06-13

USE tail ions

energetic solar particles

1985-11-18

(Prior to December 1985 this was a valid descriptor.)

USE solar particles

energia nucl e altern, com naz

INIS: 1985-03-15; ETDE: 2002-06-13

Comitato Nazionale per la Ricerca e lo Sviluppo dell'Energia Nucleare e delle Energie Alternative.

USE italian enea

energieonderzoek centrum nederland

INIS: 1993-11-08; ETDE: 2002-06-13

USE ecn

ENERGY

1996-01-24

SF energy content

NT1 activation energy

NT1 binding energy

NT2 neutron separation energy

NT2 pairing energy

NT1 coulomb energy

NT1 dissociation energy

NT1 exergy

NT1 free energy

NT2 formation free energy

NT2 surface energy

NT1 free enthalpy

NT2 formation free enthalpy

NT2 oxygen potential

NT1 geothermal energy

NT1 gray energy

NT1 heat

NT2 absorption heat

NT2 combustion heat

NT2 process heat

NT3 geothermal process heat

NT3 solar process heat

NT2 waste heat

NT1 kinetic energy

NT2 transverse energy

NT1 net energy

NT1 nuclear energy

NT1 potential energy

NT2 fission barrier

NT1 q-value

NT1 self-energy

NT1 solar energy

NT1 stored energy

NT1 threshold energy

RT electron temperature

RT energy dependence

RT energy-momentum tensor

RT energy range

RT energy security

RT energy sources

RT high-energy limit

RT ion temperature

RT low-energy limit

RT neutron temperature

RT nuclear temperature

RT photon temperature

RT proton temperature

RT radioisotope heat sources

RT thermodynamics

RT work functions

ENERGY ABSORPTION

SF energy deposition

*BT1 absorption

RT ionization

RT radiation doses

ENERGY ACCOUNTING

INIS: 1982-12-03; ETDE: 1977-05-07

Procedure of preparing an 'energy balance sheet' of all energy inputs, outputs, and losses

of a process or facility; energy forms, quantities, costs, and flows through the system are considered.

UF energy costs

SF energy content

BT1 accounting

BT1 energy analysis

RT energy audits

RT energy management

RT energy quality

RT gray energy

RT net energy

ENERGY ANALYSIS

INIS: 1979-09-18; ETDE: 1977-10-20

Any analysis or methodology to discover how energy is used by economies.

NT1 energy accounting

NT1 energy quality

NT1 net energy

RT economic analysis

RT energy models

RT input-output analysis

RT systems analysis

energy applied systems test facility

INIS: 2000-04-12; ETDE: 1981-08-21

SEE savannah river plant

ENERGY AUDITS

INIS: 1992-03-27; ETDE: 1979-08-07

The analysis of a facility to determine the forms of energy used, the quantities and costs of various forms of energy used, the purposes for which the energy is used, and the identification of energy conservation opportunities.

SF energy content

BT1 audits

RT energy accounting

RT energy conservation

RT low-energy buildings

ENERGY BALANCE

For energy economics studies use ENERGY ACCOUNTING.

UF balance (energy)

UF energy budgets

SF energy content

NT1 breakeven

RT confinement

RT energy recovery

RT energy transfer

RT radiative forcing

ENERGY BALANCE MASS**SPECTROMETERS**

*BT1 dynamic mass spectrometers

ENERGY BEAM DEPOSITION

INIS: 1999-02-15; ETDE: 1980-02-11

UF ebd

UF ebd films

UF energy beam deposition films

*BT1 surface coating

energy beam deposition films

INIS: 2000-04-12; ETDE: 1980-02-11

(Prior to February 1997 this was a valid ETDE descriptor.)

USE energy beam deposition

USE thin films

energy budgets

INIS: 2000-04-12; ETDE: 1980-02-11

Input-output analysis of ecosystem bioenergetics.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE ecosystems

USE energy balance

energy cascade

INIS: 2000-04-12; ETDE: 1979-01-30

Conservation concept starting with a high-temperature process (e.g. steel rolling mill, furnace) and with recuperation utilizes heat at progressively lower stages: gas turbine, steam turbine, process steam, and organic turbine. (Prior to February 1997 this was a valid ETDE descriptor.)

USE waste heat utilization

energy cascading

INIS: 2000-04-12; ETDE: 1979-01-30

(Prior to February 1997 ENERGY CASCADE was used for this concept in ETDE.)

USE waste heat utilization

energy complexes

INIS: 2000-04-12; ETDE: 1977-03-04

USE energy parks

ENERGY CONSERVATION

1977-10-17

Conservation of energy resources.

UF conservation (energy)

UF emergency energy conservation act

RT air infiltration

RT carpooling

RT efficiency

RT energy audits

RT energy conservation and production act

RT energy consumption

RT energy efficiency

RT energy management

RT energy management systems

RT energy recovery

RT low-energy buildings

RT national energy conservation

RT incentives act

RT national energy plans

RT recycling

RT resource conservation

RT resource recovery acts

RT solar fraction

RT thermal insulation

RT total energy systems

RT us energy policy and conservation act

RT us energy tax act

RT us national energy conservation

RT policy act

RT us national energy plan

RT us public utility regulatory policies act

RT vanpooling

RT vernacular architecture

ENERGY CONSERVATION AND PRODUCTION ACT

INIS: 2000-04-12; ETDE: 1977-11-28

UF ecpa

BT1 laws

RT energy conservation

RT energy supplies

RT petroleum

ENERGY CONSUMPTION

NT1 fuel consumption

RT consumption rates

RT demand

RT demand factors

RT energy conservation

RT energy efficiency

RT energy expenses

RT gas meters

RT life cycle assessment

RT net energy

RT per capita values

RT power

RT power meters

RT total energy systems
RT us energy tax act

energy content

2004-05-14

SEE energy
SEE energy accounting
SEE energy audits
SEE energy balance
SEE gray energy
SEE life cycle assessment

ENERGY CONVERSION

BT1 conversion
NT1 direct energy conversion
NT2 photovoltaic conversion
NT2 thermionic conversion
NT2 thermoelectric conversion
NT2 thermomagnetic conversion
NT2 thermophotovoltaic conversion
NT1 electrochemical energy conversion
NT1 geothermal energy conversion
NT1 heat production
NT1 solar energy conversion
NT2 ocean thermal energy conversion
NT2 solar thermal conversion
RT energy transfer
RT photovoltaic effect
RT water brakes
RT wave energy converters
RT working fluids

energy costs

INIS: 1982-12-03; ETDE: 1977-05-07
USE energy accounting

ENERGY CROPS

2013-07-19

*BT1 biomass
BT1 crops
*BT1 renewable energy sources
RT biofuels

ENERGY DEMAND

1991-10-21

For general reference to all forms of energy; for electric-power demand use POWER DEMAND.

BT1 demand
RT demand factors
RT energy efficiency
RT energy shortages
RT energy supplies
RT energy surpluses
RT power demand
RT supply and demand

ENERGY DENSITY

INIS: 1980-09-12; ETDE: 1979-04-11
UF density (energy)
RT charge density
RT quantum mechanics

ENERGY DEPENDENCE

For explicit dependence of a certain quantity or phenomenon on the energy.

RT energy
RT energy range
RT excitation functions
RT spectral response

energy deposition

INIS: 1982-11-29; ETDE: 1991-07-05
(Prior to August 00, this was a valid INIS descriptor assigned to 3658 documents.)

SEE energy absorption
SEE energy losses

energy dissipation

USE energy losses

energy distribution

USE energy spectra

ENERGY EFFICIENCY

INIS: 1991-08-19; ETDE: 1977-06-21

BT1 efficiency
RT energy conservation
RT energy consumption
RT energy demand
RT energy efficiency standards
RT energy quality
RT energy substitution equivalent
RT net energy
RT us public utility regulatory policies act

ENERGY EFFICIENCY STANDARDS

INIS: 1991-08-14; ETDE: 1980-08-12

UF energy performance standards
BT1 standards
RT energy efficiency
RT standardization

energy exchange

USE energy transfer

ENERGY EXPENSES

INIS: 1991-12-11; ETDE: 1981-03-16

Monetary outlays or charges for energy consumed; not for Energy Costs, for which see ENERGY ACCOUNTING.

RT cost
RT economic elasticity
RT energy consumption
RT prices

energy extension service

INIS: 2000-04-12; ETDE: 1977-04-12

(Prior to February 1992 this was a valid ETDE descriptor.)

USE us energy extension service

ENERGY FACILITIES

INIS: 1994-10-13; ETDE: 1977-06-21

UF facilities (energy)
NT1 resource recovery facilities
RT distributed structures
RT energy parks
RT ices program
RT maintenance facilities
RT modular structures
RT nuclear facilities
RT rural energy centers
RT storage facilities
RT terminal facilities
RT underground facilities

ENERGY GAP

RT band theory
RT superconductivity

energy information administration

INIS: 2000-04-12; ETDE: 1979-12-17

(Prior to February 1992 this was a valid ETDE descriptor.)

USE us energy information administration

energy integrated industrial parks

INIS: 2000-04-12; ETDE: 1979-09-26

USE energy parks

ENERGY-LEVEL DENSITY

See also DENSITY OF STATES

UF density (energy-level)
UF level density
RT energy levels
RT energy resolution
RT level widths

energy-level schemes

USE energy levels

ENERGY-LEVEL TRANSITIONS

UF electromagnetic transitions
UF transitions (energy level)
NT1 coster-kronig transitions
NT1 de-excitation
NT2 radiationless decay
NT1 excitation
NT2 collective excitations
NT2 coulomb excitation
NT2 inner-shell excitation
NT1 forbidden transitions
NT1 isomeric transitions
NT1 multipole transitions
NT2 e0-transitions
NT2 e1-transitions
NT2 e2-transitions
NT2 e3-transitions
NT2 e4-transitions
NT2 m1-transitions
NT2 m2-transitions
NT2 m3-transitions
NT2 m4-transitions
NT1 nuclear cascades
NT2 gamma cascades
NT1 stimulated emission
NT2 superradiance
RT auger effect
RT band theory
RT decay
RT einstein coefficients
RT energy levels
RT franck-condon principle
RT mixing ratio
RT multi-photon processes
RT oscillator strengths
RT selection rules

ENERGY LEVELS

UF energy-level schemes
UF level schemes
UF resonance states
UF states (energy)
NT1 d states
NT1 e states
NT1 excited states
NT2 metastable states
NT2 rotational states
NT2 rydberg states
NT2 vibrational states
NT1 f states
NT1 fermi level
NT1 g states
NT1 ground states
NT1 high spin states
NT1 isobaric analogs
NT1 negative energy states
NT1 p states
NT1 s states
NT1 virtual states
NT1 yrast states
RT bound state
RT brillouin theorem
RT eigenstates
RT electronic structure
RT energy-level density
RT energy-level transitions
RT external conversion
RT fine structure
RT internal conversion
RT jahn-teller effect
RT lamb shift
RT lande factor
RT level widths
RT nuclear cascades
RT nuclear structure
RT population inversion
RT quasibound state
RT rydberg correction
RT strangeness analog resonances

RT strength functions

ENERGY-LOSS SPECTROSCOPY

INIS: 1999-07-02; ETDE: 1983-03-23

*BT1 electron spectroscopy

ENERGY LOSSES

UF degradation (energy)

UF energy dissipation

UF ionization loss

UF ohmic plasma losses

SF energy deposition

SF heat dissipation

BT1 losses

NT1 ac losses

NT1 heat losses

NT1 power losses

NT1 relaxation losses

RT attenuation

RT bragg curve

RT damping

RT dissipation factor

RT flaring

RT friction

RT hysteresis

RT ionization

RT ionizing radiations

RT landau fluctuations

RT let

RT microdosimetry

RT particle losses

RT radiation effects

RT radiation length

RT radiation quality

RT range

RT shock absorbers

RT slowing-down

RT stopping power

RT straggling

ENERGY MANAGEMENT

INIS: 1999-03-02; ETDE: 1977-06-21

BT1 management

RT energy accounting

RT energy conservation

RT energy management systems

RT energy supplies

RT resource management

ENERGY MANAGEMENT SYSTEMS

INIS: 1993-02-18; ETDE: 1979-07-18

BT1 control systems

BT1 energy systems

RT building technology suite

RT buildings

RT computerized control systems

RT energy conservation

RT energy management

RT low-energy buildings

RT space hvac systems

ENERGY MODELS

INIS: 1992-03-27; ETDE: 1976-01-23

NT1 national coal model

NT1 pies

NT1 projection series

RT computerized simulation

RT energy analysis

RT mathematical models

ENERGY-MOMENTUM TENSOR

INIS: 1983-03-15; ETDE: 1976-07-07

BT1 tensors

RT energy

RT general relativity theory

RT linear momentum

energy of dissociation

USE dissociation energy

energy operators

USE hamiltonians

ENERGY PARKS

INIS: 2000-04-12; ETDE: 1976-01-07

(From September 1979 to March 1997

INDUSTRIAL PARKS was a valid ETDE descriptor.)

UF eiip

UF energy complexes

UF energy integrated industrial parks

UF parks (energy)

SF industrial parks

NT1 nuclear parks

RT energy facilities

RT rural energy centers

energy performance standards

INIS: 1991-08-14; ETDE: 1980-08-12

USE energy efficiency standards

ENERGY POLICY

1999-07-06

Overall policy concerning development, production, use, and conservation of energy and its sources.

SF policy

BT1 government policies

NT1 national energy plans

NT2 us national energy plan

NT1 project independence

RT allocations

RT emissions trading

RT foreign policy

RT international energy agency

RT nuclear power phaseout

RT planning

RT regional cooperation

RT sustainable development

RT synthetic fuels corporation

RT us energy policy and conservation act

RT us national energy conservation

policy act

RT us natural gas policy act

RT wends

RT world energy council

energy policy and conservation act

INIS: 2000-04-12; ETDE: 1976-09-29

(Prior to February 1992 this was a valid ETDE descriptor.)

USE us energy policy and conservation act

ENERGY QUALITY

INIS: 2000-04-12; ETDE: 1978-04-28

Measured by the energy cost of sustaining an energy flow or storage.

BT1 energy analysis

RT energy accounting

RT energy efficiency

RT entropy

ENERGY RANGE

NT1 eev range

NT1 ev range

NT2 ev range 01-10

NT2 ev range 10-100

NT2 ev range 100-1000

NT1 gev range

NT2 gev range 01-10

NT2 gev range 10-100

NT2 gev range 100-1000

NT1 kev range

NT2 kev range 01-10

NT2 kev range 10-100

NT2 kev range 100-1000

NT1 mev range

NT2 mev range 01-10

NT2 mev range 10-100

NT2 mev range 100-1000

NT1 milli ev range

NT1 pev range

NT1 relativistic range

NT1 tev range

NT2 tev range 01-10

NT2 tev range 10-100

NT2 tev range 100-1000

RT energy

RT energy dependence

RT group constants

ENERGY RECOVERY

INIS: 1985-12-11; ETDE: 1978-04-06

SF recovery

NT1 heat recovery

RT energy balance

RT energy conservation

RT heat

RT resource recovery facilities

RT waste product utilization

energy research advisory board

INIS: 2000-04-12; ETDE: 1981-07-18

(Prior to September 1994, this was a valid ETDE descriptor.)

USE advisory committees

USE research programs

energy research and development administration

INIS: 2000-04-12; ETDE: 1975-10-01

USE us erda

ENERGY RESOLUTION

Full Width at Half-Maximum of energy spectra.

BT1 resolution

RT energy-level density

RT energy spectra

ENERGY SECURITY

2011-07-20

Access to a reliable supply of affordable energy

RT availability

RT embargoes

RT energy

RT energy shortages

RT supply disruption

energy security act

INIS: 2000-04-12; ETDE: 1980-07-23

(Prior to February 1992 this was a valid ETDE descriptor.)

USE us energy security act

energy security corporation

INIS: 2000-04-12; ETDE: 1980-07-23

USE synthetic fuels corporation

ENERGY SHORTAGES

BT1 shortages

RT energy demand

RT energy security

RT energy supplies

RT energy surpluses

RT fuel substitution

RT international energy agency

ENERGY SOURCE DEVELOPMENT

INIS: 1992-03-12; ETDE: 1977-01-10

RT energy sources

RT resource assessment

RT resource development

RT resource management

RT resource potential

RT risk assessment

RT sustainable development

RT synthetic fuels corporation

ENERGY SOURCES

NT1 fossil fuels

NT2 coal
NT3 black coal
NT4 anthracite
NT4 bituminous coal
NT3 brown coal
NT4 lignite
NT3 coal fines
NT3 high-sulfur coal
NT3 low-sulfur coal
NT3 sapropelic coal
NT4 boghead coal
NT5 torbanite
NT4 cannel coal
NT3 subbituminous coal
NT2 natural gas
NT3 abiogenic gas
NT3 compressed natural gas
NT3 liquefied natural gas
NT2 oil sands
NT2 oil shales
NT3 black shales
NT2 peat
NT2 petroleum
NT3 petroleum fractions
NT4 petroleum distillates
NT5 gas oils
NT6 diesel fuels
NT6 fuel oils
NT7 heating oils
NT7 residual fuels
NT6 kerosene
NT4 petroleum residues
NT4 refinery gases
NT3 residual petroleum
NT3 shale oil
NT4 shale oil fractions
NT3 sour crudes
NT1 fuel gas
NT2 high btu gas
NT2 intermediate btu gas
NT3 carburetted water gas
NT3 town gas
NT3 water gas
NT2 landfill gas
NT2 low btu gas
NT3 producer gas
NT2 natural gas
NT3 abiogenic gas
NT3 compressed natural gas
NT3 liquefied natural gas
NT1 nuclear fuels
NT2 accident-tolerant nuclear fuels
NT2 alloy nuclear fuels
NT3 uranium-molybdenum fuels
NT2 denatured fuel
NT2 dispersion nuclear fuels
NT2 fuel solutions
NT2 liquid metal fuels
NT2 mixed carbide fuels
NT2 mixed nitride fuels
NT2 mixed oxide fuels
NT2 molten salt fuels
NT2 spent fuels
NT1 renewable energy sources
NT2 biomass
NT3 energy crops
NT2 energy crops
NT2 geothermal energy
NT2 hydroelectric power
NT2 hydrokinetic power
NT2 solar energy
NT2 tidal power
NT2 wave power
NT2 wind power
RT availability
RT energy
RT energy source development
RT energy substitution equivalent
RT energy supplies

RT energy surpluses
RT interchangeability
RT sun
RT us national energy plan
RT waste heat

ENERGY SPECTRA

UF energy distribution
BT1 spectra
RT energy resolution
RT energy yield
RT group constants
RT rydberg correction
RT spectral density
RT spectral response
RT transverse energy

ENERGY STORAGE

1995-01-11

UF annual energy storage
BT1 storage
NT1 cold storage
NT1 compressed air energy storage
NT1 flywheel energy storage
NT1 heat storage
NT2 latent heat storage
NT2 seasonal thermal energy storage
NT2 sensible heat storage
NT2 thermochemical heat storage
NT1 magnetic energy storage
NT2 superconducting magnetic energy storage
NT1 off-peak energy storage
NT1 photochemical energy storage
NT1 pumped storage
RT capacitive energy storage equipment
RT capacitors
RT dispersed storage and generation
RT electric batteries
RT energy storage systems
RT flywheels
RT hydraulic accumulators
RT hydrogen storage
RT mechanical energy storage equipment
RT underground storage
RT water reservoirs

ENERGY STORAGE SYSTEMS

INIS: 1999-07-06; ETDE: 1976-08-04

BT1 energy systems
NT1 electric batteries
NT2 lead-acid batteries
NT2 lithium ion batteries
NT2 metal-gas batteries
NT3 aluminium-air batteries
NT3 cadmium-air batteries
NT3 iron-air batteries
NT3 lithium-chlorine batteries
NT3 lithium-water-air batteries
NT3 nickel-hydrogen batteries
NT3 silver-hydrogen batteries
NT3 zinc-air batteries
NT3 zinc-chlorine batteries
NT2 metal-metal batteries
NT2 metal-metal oxide batteries
NT3 iron-nickel batteries
NT3 nickel-cadmium batteries
NT3 nickel-zinc batteries
NT3 silver-cadmium batteries
NT3 silver-zinc batteries
NT3 zinc-manganese batteries
NT2 metal-nonmetal batteries
NT3 lithium-copper chloride batteries
NT3 lithium-polymer batteries
NT3 lithium-sulfur batteries
NT3 sodium-sulfur batteries
NT3 zinc-bromine batteries
NT2 primary-secondary hybrid batteries
NT2 redox flow batteries
NT2 thermal batteries

NT1 flywheels
NT1 magnetic energy storage equipment
NT1 thermal energy storage equipment
RT capacitive energy storage equipment
RT capacitors
RT compressed air energy storage equipment
RT energy storage
RT heat storage
RT mechanical energy storage equipment
RT regenerators
RT water reservoirs

ENERGY SUBSTITUTION

INIS: 2000-04-12; ETDE: 1980-01-24
Substitution of other factors, e.g., labor, capital, or materials for energy in the economy.

RT economic elasticity
RT energy substitution equivalent
RT fuel substitution

ENERGY SUBSTITUTION EQUIVALENT

INIS: 2000-04-12; ETDE: 1978-06-14
The amount of fuel saved by the substitution of one fuel for another when the same energy product is generated by both fuels.

UF fuel substitution equivalent
UF substitution equivalent
RT energy efficiency
RT energy sources
RT energy substitution
RT fuel substitution
RT net energy

ENERGY SUPPLIES

1991-10-21

UF contracting of energy services
NT1 fuel supplies
RT energy conservation and production act
RT energy demand
RT energy management
RT energy shortages
RT energy sources
RT energy surpluses
RT fuel substitution
RT strategic petroleum reserve
RT supply and demand
RT supply disruption
RT us emergency preparedness act
RT us national energy plan
RT us naval petroleum reserves

ENERGY SURPLUSES

INIS: 2000-04-12; ETDE: 1980-08-25

RT energy demand
RT energy shortages
RT energy sources
RT energy supplies
RT fuel substitution

ENERGY SYSTEMS

INIS: 1999-05-26; ETDE: 1993-08-10
Use only in generic sense; e.g., comparisons of several energy systems or theoretical studies when system is not denoted specifically.

NT1 binary-fluid systems
NT1 cooling systems
NT2 closed-cycle cooling systems
NT2 condenser cooling systems
NT2 coolant loops
NT2 once-through cooling systems
NT2 open-cycle cooling systems
NT2 reactor cooling systems
NT3 direct cycle cooling systems
NT3 dual cycle cooling systems
NT3 integrated cooling systems
NT3 primary coolant circuits

NT4 coolant cleanup systems
 NT3 rcic systems
 NT3 rhr systems
 NT3 secondary coolant circuits
 NT3 shrouds
 NT3 tertiary coolant circuits
 NT2 thermonuclear reactor cooling systems
 NT1 energy management systems
 NT1 energy storage systems
 NT2 electric batteries
 NT3 lead-acid batteries
 NT3 lithium ion batteries
 NT3 metal-gas batteries
 NT4 aluminium-air batteries
 NT4 cadmium-air batteries
 NT4 iron-air batteries
 NT4 lithium-chlorine batteries
 NT4 lithium-water-air batteries
 NT4 nickel-hydrogen batteries
 NT4 silver-hydrogen batteries
 NT4 zinc-air batteries
 NT4 zinc-chlorine batteries
 NT3 metal-metal batteries
 NT3 metal-metal oxide batteries
 NT4 iron-nickel batteries
 NT4 nickel-cadmium batteries
 NT4 nickel-zinc batteries
 NT4 silver-cadmium batteries
 NT4 silver-zinc batteries
 NT4 zinc-manganese batteries
 NT3 metal-nonmetal batteries
 NT4 lithium-copper chloride batteries
 NT4 lithium-polymer batteries
 NT4 lithium-sulfur batteries
 NT4 sodium-sulfur batteries
 NT4 zinc-bromine batteries
 NT3 primary-secondary hybrid batteries
 NT3 redox flow batteries
 NT3 thermal batteries
 NT2 flywheels
 NT2 magnetic energy storage equipment
 NT2 thermal energy storage equipment
 NT1 geopressured systems
 NT1 heat distribution systems
 NT1 heating systems
 NT2 geothermal heating systems
 NT2 heating loops
 NT2 solar heating systems
 NT3 passive solar heating systems
 NT4 bead walls
 NT4 direct gain systems
 NT4 drum walls
 NT4 roof ponds
 NT4 thermic diode solar panels
 NT4 trombe walls
 NT4 water walls
 NT3 solar-assisted heat pumps
 NT1 hot-dry-rock systems
 NT1 hydrothermal systems
 NT2 geothermal hot-water systems
 NT2 vapor-dominated systems
 NT1 ices program
 NT2 thermal transmission ices
 NT1 integrated energy utility systems
 NT2 modular integrated utility systems
 NT1 lighting systems
 NT1 natural gas distribution systems
 NT1 power systems
 NT2 ac systems
 NT3 ehv ac systems
 NT3 hvac systems
 NT3 uhv ac systems
 NT2 brayton cycle power systems
 NT2 dc systems
 NT3 ehv dc systems
 NT3 hvdc systems

NT3 uhv dc systems
 NT2 interconnected power systems
 NT2 rankine cycle power systems
 NT2 smart grids
 NT2 solar-assisted power systems
 NT1 space hvac systems
 NT1 steam systems
 NT2 flashed steam systems
 NT1 total energy systems
 NT1 total flow systems
 RT cogeneration

energy tax act

INIS: 2000-04-12; ETDE: 1980-05-06
 (Prior to February 1992 this was a valid ETDE descriptor.)
 USE us energy tax act

energy technology data exchange

INIS: 1993-11-08; ETDE: 1991-02-25
 USE etde

ENERGY TRANSFER

UF energy exchange
 UF transfer (energy)
 NT1 heat transfer
 NT2 convection
 NT3 forced convection
 NT3 natural convection
 NT3 thermosyphon effect
 NT2 heat gain
 NT2 heat losses
 NT2 radiant heat transfer
 NT2 thermal conduction
 NT1 let
 NT1 radiationless decay
 RT angular momentum transfer
 RT energy balance
 RT energy conversion
 RT energy yield
 RT internal waves
 RT linear momentum transfer
 RT mass transfer

energy transmission

2000-03-27
 SEE power transmission

energy transport

2000-04-12
 (Prior to December 1991 this was a valid ETDE descriptor.)
 SEE natural gas distribution systems
 SEE pipelines
 SEE power transmission

ENERGY YIELD

1975-11-27
 RT efficiency
 RT energy spectra
 RT energy transfer
 RT net energy

enewetak

INIS: 1977-09-06; ETDE: 1979-07-24
 USE eniwetok

ENFORCEMENT

INIS: 1978-11-24; ETDE: 1976-11-01
 RT administrative procedures
 RT compliance
 RT implementation
 RT laws
 RT legal aspects
 RT pollution control agencies
 RT pollution regulations
 RT regulations
 RT us superfund
 RT violations

ENGINEERED SAFETY SYSTEMS

1992-07-13

NT1 air cleaning systems
 NT1 containment systems
 NT2 containment spray systems
 NT1 reactor protection systems
 NT2 eccs
 NT3 core flooding systems
 NT3 core spray systems
 NT3 high pressure coolant injection
 NT3 low pressure coolant injection
 NT2 reactor core restraints
 NT1 ventilation barriers
 RT safety
 RT safety engineering
 RT safety margins

ENGINEERING

NT1 chemical engineering
 NT1 civil engineering
 NT1 electrical engineering
 NT1 environmental engineering
 NT1 human factors engineering
 NT1 mechanical engineering
 NT1 mining engineering
 NT1 nuclear engineering
 NT1 reservoir engineering
 NT1 safety engineering
 RT engineering geology

ENGINEERING DRAWINGS

INIS: 1992-03-17; ETDE: 1982-10-20
 *BT1 diagrams
 RT design
 RT specifications

ENGINEERING GEOLOGY

INIS: 1992-09-01; ETDE: 1977-03-08
Geology as applied to engineering practice, especially in mining and civil engineering.
 UF geologic engineering
 BT1 geology
 RT engineering
 RT soil-structure interactions

engineering personnel

INIS: 2000-04-12; ETDE: 1982-02-08
 (Prior to August 1992 this was a valid ETDE descriptor.)
 USE engineers

engineering test facility (tokamak)

INIS: 1993-11-08; ETDE: 1979-12-17
 USE etf tokamak

engineering test reactor

USE etr reactor

engineering test reactor critical facility

2000-04-12
 USE etrc reactor

ENGINEERS

INIS: 1992-08-18; ETDE: 1980-01-15
 UF engineering personnel
 SF professional personnel
 BT1 personnel
 RT construction industry

ENGINES

1992-01-15
Machines in which work is done by the conversion of energy into mechanical force and motion.
 NT1 heat engines
 NT2 internal combustion engines
 NT3 diesel engines
 NT3 direct injection engines
 NT3 dual-fuel engines
 NT3 gas turbine engines

NT3 ramjet engines
NT3 rotary engines
NT4 wankel engines
NT3 spark ignition engines
NT4 wankel engines
NT3 stratified charge engines
NT3 turbofan engines
NT3 turbojet engines
NT2 nitinol heat engines
NT2 rankine cycle engines
NT2 rocket engines
NT2 solar heat engines
NT2 stirling engines
NT1 motors
NT2 electric motors
NT3 superconducting motors
NT2 pneumatic motors
RT combustion chambers
RT federal test procedure
RT fuel injection systems

england

USE united kingdom

ENHANCED RADIATION WEAPONS

INIS: 2000-04-12; **ETDE:** 1981-03-16

UF neutron bombs
***BT1** nuclear weapons
RT radiological warfare

ENHANCED RECOVERY

INIS: 1991-10-22; **ETDE:** 1976-02-19

UF secondary recovery
UF solfrac process
UF tertiary recovery
SF eor
SF recovery
NT1 microbial eor
NT1 thermal recovery
RT acidization
RT carbon dioxide injection
RT caustic flooding
RT directional drilling
RT displacement fluids
RT explosive stimulation
RT fluid injection
RT fluid injection processes
RT microemulsion flooding
RT miscible-phase displacement
RT sweep efficiency
RT well stimulation

enhanced recovery (biological)

INIS: 1991-10-22; **ETDE:** 1992-01-09

USE biological recovery

ENIWETOK

1996-01-24

UF enewetak
***BT1** marshall islands
RT greenhouse project
RT hardtack project

ENKEPHALINS

INIS: 1978-11-24; **ETDE:** 1978-07-05

Naturally occurring (brain and pituitary gland) opiate-like materials composed of a mixture of two pentapeptides.

***BT1** endorphins
RT narcotics

ENOLS

***BT1** alcohols
RT ketones

enriched materials (isotopes)

USE isotope enriched materials

enriched materials (ores)

USE ore concentrates

ENRICHED URANIUM

***BT1** isotope enriched materials
***BT1** uranium
NT1 highly enriched uranium
NT1 moderately enriched uranium
NT1 slightly enriched uranium
RT enriched uranium reactors

ENRICHED URANIUM REACTORS

1998-01-29

Reactors fuelled primarily with enriched uranium.

UF br-3-vn reactor
UF in-core thermionic reactor
UF itr reactor
SF 710 reactor
BT1 reactors
NT1 acpr reactor
NT1 aerojet-general nucleonics reactors
NT2 agn 201 costanza
NT2 agn-201k reactor
NT1 afsr reactor
NT1 agr type reactors
NT2 connah quay-b reactor
NT2 dungeness-b reactor
NT2 hartlepool reactor
NT2 heysham-a reactor
NT2 heysham-b reactor
NT2 hinkley point-b reactor
NT2 hunterston-b reactor
NT2 torness reactor
NT2 wagr reactor
NT1 ai-l-77 reactor
NT1 akr-1 reactor
NT1 alrr reactor
NT1 anex reactor
NT1 anna reactor
NT1 aps reactor
NT1 apsara reactor
NT1 arbus reactor
NT1 argonaut type reactors
NT2 aeg-pr-10 reactor
NT2 arbi reactor
NT2 argonaut reactor
NT2 argos reactor
NT2 athene reactor
NT2 jason reactor
NT2 lfr reactor
NT2 moata reactor
NT2 nestor reactor
NT2 queen mary college utr-b reactor
NT2 ra-1 reactor
NT2 rb-2 reactor
NT2 rien-1 reactor
NT2 srcc-utr-100 reactor
NT2 stark reactor
NT2 strasbourg-cronenbourg reactor
NT2 ufr reactor
NT2 ulyse reactor
NT2 urr reactor
NT2 utr-10-kinki reactor
NT2 vpi-utr-10 reactor
NT1 argus reactor
NT1 armf-1 reactor
NT1 astra reactor
NT1 atr reactor
NT1 atrc reactor
NT1 avogadro rs-1 reactor
NT1 avr reactor
NT1 bawtr reactor
NT1 beloyarsk-1 reactor
NT1 beloyarsk-2 reactor
NT1 bgrr reactor
NT1 bigr reactor
NT1 bir reactor
NT1 bor-60 reactor
NT1 borax-1 reactor
NT1 borax-2 reactor
NT1 borax-3 reactor

NT1 borax-4 reactor
NT1 borax-5 reactor
NT1 br-02 reactor
NT1 br-2 reactor
NT1 brr reactor
NT1 bsr-1 reactor
NT1 bsr-2 reactor
NT1 bwr type reactors
NT2 allens creek-1 reactor
NT2 allens creek-2 reactor
NT2 bailly-1 reactor
NT2 barsebaeck-1 reactor
NT2 barsebaeck-2 reactor
NT2 barton-1 reactor
NT2 barton-2 reactor
NT2 barton-3 reactor
NT2 barton-4 reactor
NT2 bell reactor
NT2 big rock point reactor
NT2 black fox-1 reactor
NT2 black fox-2 reactor
NT2 bolsa chica-1 reactor
NT2 bolsa chica-2 reactor
NT2 bonus reactor
NT2 browns ferry-1 reactor
NT2 browns ferry-2 reactor
NT2 browns ferry-3 reactor
NT2 brunsbuettel reactor
NT2 brunswick-1 reactor
NT2 brunswick-2 reactor
NT2 chinshan-1 reactor
NT2 chinshan-2 reactor
NT2 clinton-1 reactor
NT2 clinton-2 reactor
NT2 cofrentes reactor
NT2 cooper reactor
NT2 dodewaard reactor
NT2 douglas point-1 reactor
NT2 douglas point-2 reactor
NT2 dresden-1 reactor
NT2 dresden-2 reactor
NT2 dresden-3 reactor
NT2 duane arnold-1 reactor
NT2 ebwr reactor
NT2 enel-4 reactor
NT2 enrico fermi-2 reactor
NT2 err reactor
NT2 fitzpatrick reactor
NT2 forsmark-1 reactor
NT2 forsmark-2 reactor
NT2 forsmark-3 reactor
NT2 fukushima-1 reactor
NT2 fukushima-2 reactor
NT2 fukushima-3 reactor
NT2 fukushima-4 reactor
NT2 fukushima-5 reactor
NT2 fukushima-6 reactor
NT2 fukushima-ii-1 reactor
NT2 fukushima-ii-2 reactor
NT2 fukushima-ii-3 reactor
NT2 fukushima-ii-4 reactor
NT2 garigliano reactor
NT2 garona reactor
NT2 ge standard reactor
NT2 graben-1 reactor
NT2 graben-2 reactor
NT2 grand gulf-1 reactor
NT2 grand gulf-2 reactor
NT2 gundremmingen-2 reactor
NT2 gundremmingen-3 reactor
NT2 hamaoka-1 reactor
NT2 hamaoka-2 reactor
NT2 hamaoka-3 reactor
NT2 hamaoka-4 reactor
NT2 hamaoka-5 reactor
NT2 hartsville-1 reactor
NT2 hartsville-2 reactor
NT2 hartsville-3 reactor
NT2 hartsville-4 reactor

NT2 hatch-1 reactor
 NT2 hatch-2 reactor
 NT2 hdr reactor
 NT2 higashidori-1 reactor
 NT2 hope creek-1 reactor
 NT2 hope creek-2 reactor
 NT2 humboldt bay reactor
 NT2 isar reactor
 NT2 jpdr-2 reactor
 NT2 jpdr reactor
 NT2 kaiseraugst reactor
 NT2 kashiwazaki-kariwa-1 reactor
 NT2 kashiwazaki-kariwa-2 reactor
 NT2 kashiwazaki-kariwa-3 reactor
 NT2 kashiwazaki-kariwa-4 reactor
 NT2 kashiwazaki-kariwa-5 reactor
 NT2 kashiwazaki-kariwa-6 reactor
 NT2 kashiwazaki-kariwa-7 reactor
 NT2 kruemmel reactor
 NT2 kuosheng-1 reactor
 NT2 kuosheng-2 reactor
 NT2 la salle county-1 reactor
 NT2 la salle county-2 reactor
 NT2 lacbwr reactor
 NT2 laguna verde-1 reactor
 NT2 laguna verde-2 reactor
 NT2 leibstadt reactor
 NT2 limerick-1 reactor
 NT2 limerick-2 reactor
 NT2 lingen reactor
 NT2 lungmen-1 reactor
 NT2 lungmen-2 reactor
 NT2 mendocino-1 reactor
 NT2 mendocino-2 reactor
 NT2 millstone-1 reactor
 NT2 montague-1 reactor
 NT2 montague-2 reactor
 NT2 montalto di castro-1 reactor
 NT2 montalto di castro-2 reactor
 NT2 monticello reactor
 NT2 muehleberg reactor
 NT2 nine mile point-1 reactor
 NT2 nine mile point-2 reactor
 NT2 okg-1 reactor
 NT2 okg-2 reactor
 NT2 okg-3 reactor
 NT2 olkiluoto-1 reactor
 NT2 olkiluoto-2 reactor
 NT2 onagawa-1 reactor
 NT2 onagawa-2 reactor
 NT2 onagawa-3 reactor
 NT2 oyster creek-1 reactor
 NT2 pathfinder reactor
 NT2 peach bottom-2 reactor
 NT2 peach bottom-3 reactor
 NT2 perry-1 reactor
 NT2 perry-2 reactor
 NT2 philippsburg-1 reactor
 NT2 phipps bend-1 reactor
 NT2 phipps bend-2 reactor
 NT2 pilgrim-1 reactor
 NT2 quad cities-1 reactor
 NT2 quad cities-2 reactor
 NT2 ringhals-1 reactor
 NT2 river bend-1 reactor
 NT2 river bend-2 reactor
 NT2 rwe-bayernwerk reactor
 NT2 shika-1 reactor
 NT2 shika-2 reactor
 NT2 shimane-1 reactor
 NT2 shimane-2 reactor
 NT2 shimane-3 reactor
 NT2 shoreham reactor
 NT2 skagit-1 reactor
 NT2 skagit-2 reactor
 NT2 sl-1 reactor
 NT2 susquehanna-1 reactor
 NT2 susquehanna-2 reactor
 NT2 tarapur-1 reactor

NT2 tarapur-2 reactor
 NT2 tokai-2 reactor
 NT2 tsuruga reactor
 NT2 tullnerfeld reactor
 NT2 vak reactor
 NT2 vbwr reactor
 NT2 vermont yankee reactor
 NT2 verplanck-1 reactor
 NT2 verplanck-2 reactor
 NT2 vk-50 reactor
 NT2 wnp-2 reactor
 NT2 wuergassen reactor
 NT2 zimmer-1 reactor
 NT2 zimmer-2 reactor
 NT1 byu 1-77 reactor
 NT1 cabri reactor
 NT1 cesnef reactor
 NT1 chemobylsk-1 reactor
 NT1 chemobylsk-2 reactor
 NT1 chemobylsk-3 reactor
 NT1 chemobylsk-4 reactor
 NT1 consort-2 reactor
 NT1 coral-1 reactor
 NT1 cp-3m reactor
 NT1 cp-5 reactor
 NT1 cvtr reactor
 NT1 delphi reactor
 NT1 democritus reactor
 NT1 dfr reactor
 NT1 dido reactor
 NT1 dmtr reactor
 NT1 dr-1 reactor
 NT1 dr-2 reactor
 NT1 dr-3 reactor
 NT1 dragon reactor
 NT1 ebwr reactor
 NT1 egcr reactor
 NT1 el-3 reactor
 NT1 el-4 reactor
 NT1 enrico fermi-1 reactor
 NT1 entc lwsr reactor
 NT1 eocr reactor
 NT1 es-salam reactor
 NT1 esada-vesr reactor
 NT1 essor reactor
 NT1 etr reactor
 NT1 etrc reactor
 NT1 etrr-2 reactor
 NT1 evsr reactor
 NT1 ewg-1 reactor
 NT1 fmr reactor
 NT1 fnr reactor
 NT1 fr-0 reactor
 NT1 frf reactor
 NT1 frg-1 reactor
 NT1 frg-2 reactor
 NT1 frj-1 reactor
 NT1 frj-2 reactor
 NT1 frm-ii reactor
 NT1 frm reactor
 NT1 fulton-1 reactor
 NT1 fulton-2 reactor
 NT1 ga siwabessy reactor
 NT1 ga standard reactor
 NT1 getr reactor
 NT1 giacint reactor
 NT1 gidra reactor
 NT1 gtr reactor
 NT1 hanaro reactor
 NT1 harmonie reactor
 NT1 hbwr reactor
 NT1 hector reactor
 NT1 herald reactor
 NT1 hero reactor
 NT1 hfbr reactor
 NT1 hfetr reactor
 NT1 hfir reactor
 NT1 hfr reactor
 NT1 hifar reactor

NT1 hnpf reactor
 NT1 hor reactor
 NT1 horace reactor
 NT1 hprr reactor
 NT1 hre-2 reactor
 NT1 htltr reactor
 NT1 htr-10 reactor
 NT1 htr reactor
 NT1 httr reactor
 NT1 hwctr reactor
 NT1 ian-r1 reactor
 NT1 iear-1 reactor
 NT1 ignalina-1 reactor
 NT1 ignalina-2 reactor
 NT1 igr reactor
 NT1 ill high flux reactor
 NT1 irl reactor
 NT1 irr-1 reactor
 NT1 irt-2000 djakarta reactor
 NT1 irt-2000 moscow reactor
 NT1 irt-c reactor
 NT1 irt-f reactor
 NT1 irt reactor
 NT1 irt-sofia reactor
 NT1 isis reactor
 NT1 ispra-1 reactor
 NT1 ivv-2m reactor
 NT1 janus reactor
 NT1 jeep-2 reactor
 NT1 jen-1 reactor
 NT1 jen reactor
 NT1 jmtr reactor
 NT1 jordan subcritical assembly
 NT1 jrr-1 reactor
 NT1 jrr-2 reactor
 NT1 jrr-3m reactor
 NT1 jrr-4 reactor
 NT1 jules horowitz reactor
 NT1 klt-40 reactors
 NT1 klt-40m reactors
 NT1 knk-2 reactor
 NT1 knk reactor
 NT1 kuca reactor
 NT1 kuhfr reactor
 NT1 kur reactor
 NT1 kursk-1 reactor
 NT1 kursk-2 reactor
 NT1 kursk-3 reactor
 NT1 kursk-4 reactor
 NT1 leningrad-1 reactor
 NT1 leningrad-2 reactor
 NT1 leningrad-3 reactor
 NT1 leningrad-4 reactor
 NT1 lido reactor
 NT1 litr reactor
 NT1 lpr reactor
 NT1 lprr reactor
 NT1 lucens reactor
 NT1 maple reactor
 NT1 maple type reactors
 NT1 maria reactor
 NT1 marviken reactor
 NT1 maryla reactor
 NT1 masurca reactor
 NT1 melusine-1 reactor
 NT1 merlin reactor
 NT1 minerve reactor
 NT1 mitr reactor
 NT1 ml-1 reactor
 NT1 mntr reactor
 NT1 mnsr type reactors
 NT2 entc mnsr reactor
 NT2 gharr-1 reactor
 NT2 mnsr-ciae reactor
 NT2 mnsr-sd reactor
 NT2 mnsr-sh reactor
 NT2 mnsr-sz reactor
 NT2 nirt-1 reactor
 NT2 parr-2 reactor

NT2	srr-1 reactor	NT2	braidwood-2 reactor	NT2	flamanville-2 reactor
NT1	mrr reactor	NT2	brokdorf reactor	NT2	flamanville-3 reactor
NT1	msre reactor	NT2	bugey-2 reactor	NT2	forked river-1 reactor
NT1	mtr reactor	NT2	bugey-3 reactor	NT2	fuqing-1 reactor
NT1	murr reactor	NT2	bugey-4 reactor	NT2	fuqing-2 reactor
NT1	n-reactor	NT2	bugey-5 reactor	NT2	fuqing-3 reactor
NT1	ncscr-1 reactor	NT2	bw standard reactor	NT2	fuqing-4 reactor
NT1	nevada university reactor	NT2	byron-1 reactor	NT2	fuqing-5 reactor
NT1	nhr-5 reactor	NT2	byron-2 reactor	NT2	fuqing-6 reactor
NT1	niederaichbach reactor	NT2	calhoun-1 reactor	NT2	genkai-1 reactor
NT1	nsrr reactor	NT2	calhoun-2 reactor	NT2	genkai-2 reactor
NT1	ntr reactor	NT2	callaway-1 reactor	NT2	genkai-3 reactor
NT1	nuclear furnace reactor	NT2	callaway-2 reactor	NT2	genkai-4 reactor
NT1	nur reactor	NT2	calvert cliffs-1 reactor	NT2	ginna-1 reactor
NT1	ok-900a reactors	NT2	calvert cliffs-2 reactor	NT2	goesgen reactor
NT1	oldbury-b reactor	NT2	carem 25 reactor	NT2	golfech-1 reactor
NT1	omre reactor	NT2	catawba-1 reactor	NT2	golfech-2 reactor
NT1	opal reactor	NT2	catawba-2 reactor	NT2	grafenrheinfeld reactor
NT1	orr reactor	NT2	cattenom-1 reactor	NT2	gravelines-1 reactor
NT1	osiris reactor	NT2	cattenom-2 reactor	NT2	gravelines-2 reactor
NT1	owr reactor	NT2	cattenom-3 reactor	NT2	gravelines-3 reactor
NT1	parr-1 reactor	NT2	cattenom-4 reactor	NT2	gravelines-4 reactor
NT1	pbr reactor	NT2	ce standard reactor	NT2	gravelines-5 reactor
NT1	pctr reactor	NT2	changjiang-1 reactor	NT2	gravelines-6 reactor
NT1	peach bottom-1 reactor	NT2	changjiang-2 reactor	NT2	greene county reactor
NT1	pegase reactor	NT2	chasnupp-1 reactor	NT2	greenwood-2 reactor
NT1	peggy reactor	NT2	chasnupp-2 reactor	NT2	greenwood-3 reactor
NT1	pelinduna reactor	NT2	chasnupp-3 reactor	NT2	grohnde reactor
NT1	perryman-1 reactor	NT2	cherokee-1 reactor	NT2	hamm-uentrop reactor
NT1	perryman-2 reactor	NT2	cherokee-2 reactor	NT2	hanbit-1 reactor
NT1	phebus reactor	NT2	cherokee-3 reactor	NT2	hanbit-2 reactor
NT1	phenix reactor	NT2	chinon-b1 reactor	NT2	hanbit-3 reactor
NT1	pik physical model reactor	NT2	chinon-b2 reactor	NT2	hanbit-4 reactor
NT1	pik reactor	NT2	chinon-b3 reactor	NT2	hanbit-5 reactor
NT1	pluto reactor	NT2	chinon-b4 reactor	NT2	hanbit-6 reactor
NT1	pnpf reactor	NT2	chooz-a reactor	NT2	harris-1 reactor
NT1	prnc-1-77 reactor	NT2	chooz-b1 reactor	NT2	harris-2 reactor
NT1	proteus reactor	NT2	chooz-b2 reactor	NT2	harris-3 reactor
NT1	prr-1 reactor	NT2	civaux-1 reactor	NT2	harris-4 reactor
NT1	prr reactor	NT2	civaux-2 reactor	NT2	haven-1 reactor
NT1	ptr reactor	NT2	comanche peak-1 reactor	NT3	koshkonong-1 reactor
NT1	pulstar-buffalo reactor	NT2	comanche peak-2 reactor	NT2	haven-2 reactor
NT1	pur-1 reactor	NT2	connecticut yankee reactor	NT3	koshkonong-2 reactor
NT1	pwr type reactors	NT2	cook-1 reactor	NT2	hongyanhe-1 reactor
NT2	aguirre reactor	NT2	cook-2 reactor	NT2	hongyanhe-2 reactor
NT2	almaraz-1 reactor	NT2	cruas-1 reactor	NT2	hongyanhe-3 reactor
NT2	almaraz-2 reactor	NT2	cruas-2 reactor	NT2	hongyanhe-4 reactor
NT2	angra-1 reactor	NT2	cruas-3 reactor	NT2	ikata-2 reactor
NT2	angra-2 reactor	NT2	cruas-4 reactor	NT2	ikata-3 reactor
NT2	angra-3 reactor	NT2	crystal river-3 reactor	NT2	ikata reactor
NT2	arkansas-1 reactor	NT2	crystal river-4 reactor	NT2	indian point-1 reactor
NT2	arkansas-2 reactor	NT2	dampierre-1 reactor	NT2	indian point-2 reactor
NT2	asco-1 reactor	NT2	dampierre-2 reactor	NT2	indian point-3 reactor
NT2	asco-2 reactor	NT2	dampierre-3 reactor	NT2	iran-1 reactor
NT2	atlantic-1 reactor	NT2	dampierre-4 reactor	NT2	iran-2 reactor
NT2	atlantic-2 reactor	NT2	davis besse-1 reactor	NT2	isar-2 reactor
NT2	basf-1 reactor	NT2	davis besse-2 reactor	NT2	jamesport-1 reactor
NT2	basf-2 reactor	NT2	davis besse-3 reactor	NT2	jamesport-2 reactor
NT2	beaver valley-1 reactor	NT2	daya bay-1 reactor	NT2	kewaunee reactor
NT2	beaver valley-2 reactor	NT2	daya bay-2 reactor	NT2	klt-40 reactors
NT2	bellefonte-1 reactor	NT2	diablo canyon-1 reactor	NT2	klt-40m reactors
NT2	bellefonte-2 reactor	NT2	diablo canyon-2 reactor	NT2	klt-40s reactor
NT2	belleville-1 reactor	NT2	doel-1 reactor	NT2	koeberg-1 reactor
NT2	belleville-2 reactor	NT2	doel-2 reactor	NT2	koeberg-2 reactor
NT2	beznau-1 reactor	NT2	doel-3 reactor	NT2	kori-1 reactor
NT2	beznau-2 reactor	NT2	doel-4 reactor	NT2	kori-2 reactor
NT2	biblis-1 reactor	NT2	efdr-50 reactor	NT2	kori-3 reactor
NT2	biblis-2 reactor	NT2	emsland reactor	NT2	kori-4 reactor
NT2	biblis-3 reactor	NT2	erie-1 reactor	NT2	krsko reactor
NT2	biblis-4 reactor	NT2	erie-2 reactor	NT2	lemoniz-1 reactor
NT2	blayais-1 reactor	NT2	fangchenggang-1 reactor	NT2	lemoniz-2 reactor
NT2	blayais-2 reactor	NT2	fangchenggang-2 reactor	NT2	lenin reactor
NT2	blayais-3 reactor	NT2	fangjiashan-1 reactor	NT2	leonid brezhnev reactor
NT2	blayais-4 reactor	NT2	fangjiashan-2 reactor	NT2	lingao-1 reactor
NT2	blue hills-1 reactor	NT2	farley-1 reactor	NT2	lingao-2 reactor
NT2	blue hills-2 reactor	NT2	farley-2 reactor	NT2	lingao-3 reactor
NT2	borssele reactor	NT2	fessenheim-1 reactor	NT2	lingao-4 reactor
NT2	br-3 reactor	NT2	fessenheim-2 reactor	NT2	loft reactor
NT2	braidwood-1 reactor	NT2	flamanville-1 reactor	NT2	lucie-1 reactor

NT2 lucie-2 reactor
 NT2 maanshan-1 reactor
 NT2 maanshan-2 reactor
 NT2 maine yankee reactor
 NT2 malibu-1 reactor
 NT2 marble hill-1 reactor
 NT2 marble hill-2 reactor
 NT2 mc guire-1 reactor
 NT2 mc guire-2 reactor
 NT2 mh-1a reactor
 NT2 midland-1 reactor
 NT2 midland-2 reactor
 NT2 mihama-1 reactor
 NT2 mihama-2 reactor
 NT2 mihama-3 reactor
 NT2 millstone-2 reactor
 NT2 millstone-3 reactor
 NT2 muelheim-kaerlich reactor
 NT2 mutsu reactor
 NT2 neckar-1 reactor
 NT2 neckar-2 reactor
 NT2 nep-1 reactor
 NT2 nep-2 reactor
 NT2 neupotz-1 reactor
 NT2 neupotz-2 reactor
 NT2 ningde-1 reactor
 NT2 ningde-2 reactor
 NT2 ningde-3 reactor
 NT2 ningde-4 reactor
 NT2 nogent-1 reactor
 NT2 nogent-2 reactor
 NT2 north anna-1 reactor
 NT2 north anna-2 reactor
 NT2 north anna-3 reactor
 NT2 north anna-4 reactor
 NT2 north coast-1 reactor
 NT2 obrigheim reactor
 NT2 oconee-1 reactor
 NT2 oconee-2 reactor
 NT2 oconee-3 reactor
 NT2 oi-1 reactor
 NT2 oi-2 reactor
 NT2 oi-3 reactor
 NT2 oi-4 reactor
 NT2 ok-900a reactors
 NT2 oktemberyan-2 reactor
 NT2 olkiluoto-3 reactor
 NT2 otto hahn reactor
 NT2 palisades-1 reactor
 NT2 palo verde-1 reactor
 NT2 palo verde-2 reactor
 NT2 palo verde-3 reactor
 NT2 palo verde-4 reactor
 NT2 palo verde-5 reactor
 NT2 paluel-1 reactor
 NT2 paluel-2 reactor
 NT2 paluel-3 reactor
 NT2 paluel-4 reactor
 NT2 pat reactor
 NT2 pebble springs-1 reactor
 NT2 pebble springs-2 reactor
 NT2 penly-1 reactor
 NT2 penly-2 reactor
 NT2 penly-3 reactor
 NT2 perkins-1 reactor
 NT2 perkins-2 reactor
 NT2 perkins-3 reactor
 NT2 philippsburg-2 reactor
 NT2 pilgrim-2 reactor
 NT2 pilgrim-3 reactor
 NT2 pm-2a reactor
 NT2 pm-3a reactor
 NT2 pnpp-1 reactor
 NT2 point beach-1 reactor
 NT2 point beach-2 reactor
 NT2 prairie island-1 reactor
 NT2 prairie island-2 reactor
 NT2 qinshan-1 reactor
 NT2 qinshan-2-1 reactor

NT2 qinshan-2-2 reactor
 NT2 qinshan-2-3 reactor
 NT2 qinshan-2-4 reactor
 NT2 quanticassee-1 reactor
 NT2 quanticassee-2 reactor
 NT2 rancho seco-1 reactor
 NT2 remerschen reactor
 NT2 rheinsberg akw1 reactor
 NT2 ringhals-2 reactor
 NT2 ringhals-3 reactor
 NT2 ringhals-4 reactor
 NT2 robinson-2 reactor
 NT2 rooppur reactor
 NT2 rowe yankee reactor
 NT2 slc prototype reactor
 NT2 saint alban-1 reactor
 NT2 saint alban-2 reactor
 NT2 saint laurent-b1 reactor
 NT2 saint laurent-b2 reactor
 NT2 salem-1 reactor
 NT2 salem-2 reactor
 NT2 san onofre-1 reactor
 NT2 san onofre-2 reactor
 NT2 san onofre-3 reactor
 NT2 savannah reactor
 NT2 saxton reactor
 NT2 seabrook-1 reactor
 NT2 seabrook-2 reactor
 NT2 selni reactor
 NT2 sendai-1 reactor
 NT2 sendai-2 reactor
 NT2 sequoyah-1 reactor
 NT2 sequoyah-2 reactor
 NT2 shin-kori-1 reactor
 NT2 shin-kori-2 reactor
 NT2 shin-kori-3 reactor
 NT2 shin-wolsong-1 reactor
 NT2 shippingport reactor
 NT2 sizewell-b reactor
 NT2 sm-1 reactor
 NT2 sm-1a reactor
 NT2 south texas project-1 reactor
 NT2 south texas project-2 reactor
 NT2 stade reactor
 NT2 sterling-1 reactor
 NT2 sterling-2 reactor
 NT2 summer-1 reactor
 NT2 sundesert-1 reactor
 NT2 sundesert-2 reactor
 NT2 surry-1 reactor
 NT2 surry-2 reactor
 NT2 surry-3 reactor
 NT2 surry-4 reactor
 NT2 takahama-1 reactor
 NT2 takahama-2 reactor
 NT2 takahama-3 reactor
 NT2 takahama-4 reactor
 NT2 three mile island-1 reactor
 NT2 three mile island-2 reactor
 NT2 tihange-2 reactor
 NT2 tihange-3 reactor
 NT2 tihange reactor
 NT2 tomari-1 reactor
 NT2 tomari-2 reactor
 NT2 tomari-3 reactor
 NT2 tricastin-1 reactor
 NT2 tricastin-2 reactor
 NT2 tricastin-3 reactor
 NT2 tricastin-4 reactor
 NT2 trillo-1 reactor
 NT2 trojan reactor
 NT2 tsuruga-2 reactor
 NT2 turkey point-3 reactor
 NT2 turkey point-4 reactor
 NT2 tva-1 reactor
 NT2 tva-2 reactor
 NT2 tyrone-1 reactor
 NT2 tyrone-2 reactor
 NT2 ulchin-1 reactor

NT2 ulchin-2 reactor
 NT2 ulchin-3 reactor
 NT2 ulchin-4 reactor
 NT2 ulchin-5 reactor
 NT2 ulchin-6 reactor
 NT2 unterweser reactor
 NT2 vahnum-1 reactor
 NT2 vahnum-2 reactor
 NT2 vandellos-2 reactor
 NT2 vogtle-1 reactor
 NT2 vogtle-2 reactor
 NT2 vogtle-3 reactor
 NT2 vogtle-4 reactor
 NT2 waterford-3 reactor
 NT2 waterford-4 reactor
 NT2 watts bar-1 reactor
 NT2 watts bar-2 reactor
 NT2 westinghouse standard reactor
 NT2 wnp-1 reactor
 NT2 wnp-3 reactor
 NT2 wnp-4 reactor
 NT2 wnp-5 reactor
 NT2 wolf creek-1 reactor
 NT2 wup-3 reactor
 NT2 wup-4 reactor
 NT2 wup-5 reactor
 NT2 wup-6 reactor
 NT2 wwver type reactors
 NT3 armenian-1 reactor
 NT3 armenian-2 reactor
 NT3 balakovo-1 reactor
 NT3 balakovo-2 reactor
 NT3 balakovo-3 reactor
 NT3 balakovo-4 reactor
 NT3 blahutovice-1 reactor
 NT3 bohunice v-1 reactor
 NT3 bohunice v-2 reactor
 NT3 dukovany-1 reactor
 NT3 dukovany-2 reactor
 NT3 dukovany-3 reactor
 NT3 dukovany-4 reactor
 NT3 greifswald-1 reactor
 NT3 greifswald-2 reactor
 NT3 greifswald-3 reactor
 NT3 greifswald-4 reactor
 NT3 greifswald-5 reactor
 NT3 greifswald-6 reactor
 NT3 juragua-1 reactor
 NT3 kalinin-1 reactor
 NT3 kalinin-2 reactor
 NT3 kalinin-3 reactor
 NT3 kalinin-4 reactor
 NT3 kecerovce-1 reactor
 NT3 khmel'nitskij-1 reactor
 NT3 khmel'nitskij-2 reactor
 NT3 kola-1 reactor
 NT3 kola-2 reactor
 NT3 kola-3 reactor
 NT3 kola-4 reactor
 NT3 kozloduy-1 reactor
 NT3 kozloduy-2 reactor
 NT3 kozloduy-3 reactor
 NT3 kozloduy-4 reactor
 NT3 kozloduy-5 reactor
 NT3 kozloduy-6 reactor
 NT3 kudankulam-1 reactor
 NT3 kudankulam-2 reactor
 NT3 loviisa-1 reactor
 NT3 loviisa-2 reactor
 NT3 mochovec-1 reactor
 NT3 mochovec-2 reactor
 NT3 novovoronezh-1 reactor
 NT3 novovoronezh-2 reactor
 NT3 novovoronezh-3 reactor
 NT3 novovoronezh-4 reactor
 NT3 novovoronezh-5 reactor
 NT3 paks-1 reactor
 NT3 paks-2 reactor
 NT3 paks-3 reactor

NT3	paks-4 reactor	NT2	s2ds reactor	NT2	triga-brazil reactor
NT3	rostov-1 reactor	NT1	snap 50 reactor	NT2	triga-texas reactor
NT3	rostov-2 reactor	NT1	snap 8 reactor	NT2	triga-veterans reactor
NT3	rostov-3 reactor	NT2	s8dr reactor	NT2	ucbrr reactor
NT3	rovno-1 reactor	NT2	s8er reactor	NT2	uwnr reactor
NT3	rovno-2 reactor	NT1	snap-tsfr reactor	NT2	wsur reactor
NT3	rovno-3 reactor	NT1	snaptran reactors	NT1	triton reactor
NT3	rovno-4 reactor	NT1	spert-1 reactor	NT1	trt-1 reactor
NT3	rovno-5 reactor	NT1	spert-2 reactor	NT1	tsr-1 reactor
NT3	south ukrainian-1 reactor	NT1	spert-3 reactor	NT1	tz1 reactor
NT3	south ukrainian-2 reactor	NT1	spert-4 reactor	NT1	tz2 reactor
NT3	south ukrainian-3 reactor	NT1	sr-1 reactor	NT1	uhtrex reactor
NT3	stendal-1 reactor	NT1	sr-0a reactor	NT1	uknr reactor
NT3	tatarian reactor	NT1	sre reactor	NT1	umne-1 reactor
NT3	temelin-1 reactor	NT1	stacy reactor	NT1	umrr reactor
NT3	temelin-2 reactor	NT1	stek reactor	NT1	utrr reactor
NT3	tianwan-1 reactor	NT1	stir reactor	NT1	uvar reactor
NT3	tianwan-2 reactor	NT1	summit-1 reactor	NT1	uwtr reactor
NT3	zaporozhe-1 reactor	NT1	summit-2 reactor	NT1	venus reactor
NT3	zaporozhe-2 reactor	NT1	superphenix reactor	NT1	vg-400 reactor
NT3	zaporozhe-3 reactor	NT1	supo reactor	NT1	vgr-50 reactor
NT3	zaporozhe-4 reactor	NT1	sur-100 series reactor	NT1	vhtr reactor
NT3	zaporozhe-5 reactor	NT1	tca reactor	NT1	vidal-1 reactor
NT3	zaporozhe-6 reactor	NT1	thetis reactor	NT1	vidal-2 reactor
NT2	wyhl-1 reactor	NT1	thor reactor	NT1	viper reactor
NT2	wyhl-2 reactor	NT1	thtr-300 reactor	NT1	vr-1 reactor
NT2	yangjiang-1 reactor	NT1	tibr reactor	NT1	vrain reactor
NT2	yangjiang-2 reactor	NT1	toshiba reactor	NT1	wntr reactor
NT2	yangjiang-3 reactor	NT1	tr-1 reactor	NT1	wpir reactor
NT2	yangjiang-4 reactor	NT1	tr-2 reactor	NT1	wr-1 reactor
NT2	yellow creek-1 reactor	NT1	tracy reactor	NT1	wrrr reactor
NT2	yellow creek-2 reactor	NT1	treat reactor	NT1	wtr reactor
NT2	zion-1 reactor	NT1	triga type reactors	NT1	wwr type reactors
NT2	zion-2 reactor	NT2	afri reactor	NT2	budapest training reactor
NT2	zorita-1 reactor	NT2	atpr reactor	NT2	irt-1 libya reactor
NT1	r-2 reactor	NT2	colorado triga-mk-3 reactor	NT2	irt-baghdad reactor
NT1	r-a reactor	NT2	cornell triga-mk-2 reactor	NT2	lvr-15 reactor
NT1	r2-0 reactor	NT2	dow triga-mk-1 reactor	NT2	wwr-2 reactor
NT1	ra-5 reactor	NT2	fir-1 reactor	NT2	wwr-k-almaty reactor
NT1	ra-6 reactor	NT2	frf-2 reactor	NT2	wwr-k cf reactor
NT1	ra-8 reactor	NT2	frn reactor	NT2	wwr-m-kiev reactor
NT1	rana reactor	NT2	gulf triga-mk-3 reactor	NT2	wwr-m-leningrad reactor
NT1	rapso die reactor	NT2	itu-trr reactor	NT2	wwr-s-bucharest reactor
NT1	rb-1 reactor	NT2	kartini-ppny reactor	NT2	wwr-s-budapest reactor
NT1	rg-1m reactor	NT2	lopra reactor	NT2	wwr-s-cairo reactor
NT1	ritmo reactor	NT2	ma-r1 reactor	NT2	wwr-s-moscow reactor
NT1	rmb reactor	NT2	nscr reactor	NT2	wwr-s-prague reactor
NT1	rospo reactor	NT2	ostr reactor	NT2	wwr-s-tashkent reactor
NT1	rpt reactor	NT2	prpr reactor	NT2	wwr-sm rossendorf reactor
NT1	rts-1 reactor	NT2	psbr reactor	NT2	wwr-z reactor
NT1	rv-1 reactor	NT2	rtp reactor	NT1	xma-1 reactor
NT1	safari-1 reactor	NT2	trico ii reactor	NT1	zlfr reactor
NT1	saphir reactor	NT2	trico reactor	NT1	zpr reactor
NT1	sbr-1 reactor	NT2	triga-1-arizona reactor	RT	beloyarsk-3 reactor
NT1	schmehausen-2 reactor	NT2	triga-1-california reactor	RT	bn-350 reactor
NT1	ser reactor	NT2	triga-1-hanford reactor	RT	cesar reactor
NT1	sghwr reactor	NT2	triga-1-hanover reactor	RT	clinch river breeder reactor
NT1	shca reactor	NT2	triga-1-heidelberg reactor	RT	ebr-2 reactor
NT1	silene reactor	NT2	triga-1-michigan reactor	RT	enriched uranium
NT1	siloe reactor	NT2	triga-2-bandung reactor	RT	eole reactor
NT1	siloette reactor	NT2	triga-2-bangladesh reactor	RT	iea-zpr reactor
NT1	slowpoke type reactors	NT2	triga-2-dalat reactor	RT	lwgr type reactors
NT2	slowpoke-alberta reactor	NT2	triga-2-illinois reactor	RT	nora reactor
NT2	slowpoke-dalhousie reactor	NT2	triga-2-kansas reactor	RT	pdp reactor
NT2	slowpoke-mona reactor	NT2	triga-2-ljubljana reactor	RT	pfr reactor
NT2	slowpoke-montreal reactor	NT2	triga-2-mainz reactor	RT	sneak reactor
NT2	slowpoke-ottawa reactor	NT2	triga-2-musashi reactor	RT	vera reactor
NT2	slowpoke rmc reactor	NT2	triga-2-pavia reactor	RT	zebra reactor
NT2	slowpoke src reactor	NT2	triga-2-pitesti reactor	RT	zenith reactor
NT2	slowpoke-toronto reactor	NT2	triga-2-pitesti-ss-core reactor		
NT2	slowpoke-wmre reactor	NT2	triga-2 reactor		
NT1	smolensk-1 reactor	NT2	triga-2-rikkyo reactor		
NT1	smolensk-2 reactor	NT2	triga-2-rome reactor		
NT1	smolensk-3 reactor	NT2	triga-2-seoul reactor		
NT1	snap 10 reactor	NT2	triga-2-vienna reactor		
NT2	s10fs-1 reactor	NT2	triga-3-la jolla reactor		
NT2	s10fs-3 reactor	NT2	triga-3-munich reactor		
NT2	s10fs-4 reactor	NT2	triga-3-salazar reactor		
NT1	snap 2 reactor	NT2	triga-3-seoul reactor		

ENRICHMENT

2000-04-12

For isotopic enrichment use ISOTOPE SEPARATION.

NT1 ore enrichment
NT1 oxygen enrichment
RT isotope separation
RT purification
RT refining

enrichment (isotopic)

USE isotope separation

enrichment (ores)

USE ore enrichment

enrichment (uranium)

INIS: 1975-08-20; ETDE: 2002-06-13

USE isotope separation

enrichment plants (centrifuge)

INIS: 1978-02-23; ETDE: 1978-04-27

USE centrifuge enrichment plants

enrichment plants (gaseous diffusion)

INIS: 1993-11-08; ETDE: 2002-06-13

USE gaseous diffusion plants

enrichment plants (ultracentrifuge)

INIS: 1993-11-08; ETDE: 2002-06-13

USE centrifuge enrichment plants

ENRICO FERMI-1 REACTORDetroit Edison Co., New Port, Michigan,
USA. Shut down in 1972; mothballed.

*BT1 enriched uranium reactors

*BT1 lmfr type reactors

*BT1 power reactors

*BT1 sodium cooled reactors

ENRICO FERMI-2 REACTORDetroit Edison Co., New Port, Michigan,
USA.

*BT1 bwr type reactors

enrico fermi award

INIS: 2000-04-12; ETDE: 1981-01-27

(Prior to June 1994, this was a valid ETDE descriptor.)

USE awards

enrico fermi nuclear research center reactor

1993-11-05

USE cesnef reactor

enrico fermi reactor

2000-04-12

(Prior to February 1995, this was a valid ETDE descriptor.)

SEE pwr type reactors

SEE ship propulsion reactors

ENSTATITE

ETDE: 1976-03-31

A common rock forming mineral of the orthopyroxene group.

*BT1 silicate minerals

RT magnesium silicates

ENTC LWSR REACTOR

2018-08-20

Esfahan nuclear technology centre, Isfahan, Iran.

*BT1 enriched uranium reactors

*BT1 subcritical assemblies

*BT1 training reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

*BT1 zero power reactors

ENTC MNSR REACTOR

2018-08-17

Esfahan nuclear technology centre, Isfahan, Iran.

*BT1 mnsr type reactors

ENTERITIS

*BT1 digestive system diseases

RT diarrhea

RT intestines

ENTHALPY

*BT1 thermodynamic properties

NT1 absorption heat

NT1 adsorption heat

NT1 mixing heat

NT1 reaction heat

NT2 combustion heat

NT2 dissociation heat

NT2 formation heat

NT1 solution heat

NT1 transition heat

NT2 fusion heat

NT2 sublimation heat

NT2 vaporization heat

RT entropy

RT heating load

RT thermodynamics

enthalpy of formation

INIS: 1975-09-01; ETDE: 2002-06-13

USE formation heat

enthalpy wheels

2006-07-03

SEE heat exchangers

ENTITLEMENTS PROGRAM

INIS: 2000-04-12; ETDE: 1977-06-02

Government program under which refiners with unusually large amounts of old (cheaper) crude pay premium to refine it; premium is paid to firms that have primarily higher-cost crude.

UF domestic crude oil entitlements program

RT allocations

RT petroleum refineries

RT prices

entombment (radioactive materials)

INIS: 1993-11-08; ETDE: 2002-06-13

USE containment

entomology

USE insects

ENTRAINMENT

1997-06-17

RT babcock and wilcox-dupont process

RT ce entrained fuel process

RT combined-cycle fw process

RT dow gasification process

RT extraction apparatuses

RT impingement

RT solvent extraction

entrainment separators

INIS: 2000-04-12; ETDE: 1977-03-08

USE mist extractors

ENTROPY

*BT1 thermodynamic properties

RT energy quality

RT enthalpy

RT formation free enthalpy

RT h theorem

RT isentropic processes

RT quantum information

RT thermodynamics

ENTRY CONTROL SYSTEMS

INIS: 1999-05-12; ETDE: 1982-07-08

Systems for controlling access to areas of a facility.

UF access denial systems

BT1 control systems

RT biometric authentication

RT human intrusion

RT identification systems

RT physical protection

RT physical protection devices

RT security

entwickelter fortschrittlicher druckwasser reaktor

INIS: 1993-11-08; ETDE: 2002-06-13

USE efd-50 reactor

envelope houses

INIS: 2000-04-12; ETDE: 1981-06-13

USE double envelope buildings

ENVIRONMENT

RT accidents

RT biological adaptation

RT biosphere

RT clean air acts

RT clean water acts

RT contamination

RT controlled atmospheres

RT earth atmosphere

RT ecosystems

RT environmental awareness

RT environmental degradation

RT environmental effects

RT environmental exposure pathway

RT environmental impact statements

RT environmental impacts

RT environmental policy

RT environmental protection

RT environmental transport

RT fallout deposits

RT habitat

RT hydrosphere

RT land use

RT nature reserves

RT pollution

RT preventive medicine

RT radiation protection

RT radionuclide migration

RT reactor sites

RT recreational areas

RT regional analysis

RT site selection

RT thermal comfort

RT us national environmental policy act

RT water use

RT wilderness protection acts

ENVIRONMENTAL AWARENESS

2004-08-26

Public consciousness related to the environment, preservation of its quality, and causes of its deterioration.

BT1 public opinion

RT environment

RT environmental policy

RT environmental quality

environmental concentration

INIS: 2000-04-12; ETDE: 1984-06-14

USE ecological concentration

ENVIRONMENTAL DEGRADATION

2013-11-27

RT contamination

RT environment

RT environmental effects

RT habitat fragmentation

RT pollution

ENVIRONMENTAL EFFECTS

1991-08-09

Actual effects on the environment.

RT carbon footprint

RT environment

RT environmental degradation

RT environmental impact statements

RT environmental impacts

RT environmental policy

RT environmental protection

RT habitat fragmentation

RT land pollution
RT thermal pollution
RT water pollution

ENVIRONMENTAL ENGINEERING

BT1 engineering
RT aesthetics
RT air conditioning
RT pollution control equipment
RT remedial action

ENVIRONMENTAL EXPOSURE

INIS: 1992-02-20; ETDE: 1984-09-21

RT acute exposure
RT air pollution
RT carcinogens
RT chronic exposure
RT hazardous materials
RT ionizing radiations
RT land pollution
RT mutagens
RT water pollution

environmental exposure chambers

INIS: 1978-09-28; ETDE: 1977-10-20

USE exposure chambers

ENVIRONMENTAL EXPOSURE PATHWAY

INIS: 1975-09-25; ETDE: 1975-10-01

RT biointrusion
RT biological availability
RT biological models
RT ecosystems
RT environment
RT food chains
RT radioactive waste disposal
RT radionuclide migration

ENVIRONMENTAL IMPACT STATEMENTS

Use only for items about *Environmental Impact Statements*, not for documents which are such statements.

BT1 document types
RT environment
RT environmental effects
RT environmental impacts
RT us national environmental policy act

ENVIRONMENTAL IMPACTS

INIS: 1977-07-05; ETDE: 1977-01-31

Possible or anticipated effects on the environment from a proposed project.

RT aesthetics
RT environment
RT environmental effects
RT environmental impact statements
RT environmental policy
RT environmental protection
RT heavy metals
RT kyoto protocol
RT life cycle assessment
RT nuclear winter
RT rio declaration

ENVIRONMENTAL MATERIALS

INIS: 1980-12-02; ETDE: 1978-01-23

Use only for unspecified samples from the environment.

UF materials (environmental)
BT1 materials
RT air
RT atmospheric precipitations
RT biological materials
RT detritus
RT minerals
RT ores
RT rocks
RT sediments
RT soils

RT water

ENVIRONMENTAL MEASUREMENTS LABORATORY

INIS: 1992-07-07; ETDE: 1984-07-20

New York, USA.

SF eml
*BT1 us doe

environmental parks

INIS: 1992-03-30; ETDE: 1978-08-08

USE nature reserves

ENVIRONMENTAL POLICY

INIS: 1999-07-07; ETDE: 1978-02-14

SF policy
BT1 government policies
NT1 emissions trading
NT1 water policy
RT clean air acts
RT clean water acts
RT economics
RT emissions tax
RT environment
RT environmental awareness
RT environmental effects
RT environmental impacts
RT kyoto protocol
RT life cycle assessment
RT planning
RT rio declaration
RT sustainable development
RT us national environmental policy act
RT us superfund

ENVIRONMENTAL PROTECTION

2004-08-26

Action to minimize harmful effects of human activities on the environment.

UF nature conservation
RT climatic change
RT environment
RT environmental effects
RT environmental impacts
RT kyoto protocol
RT paris agreement
RT resource conservation
RT rio declaration
RT sustainable development

environmental protection agency

1978-07-04

USE us epa

ENVIRONMENTAL QUALITY

INIS: 1991-08-07; ETDE: 1979-09-06

NT1 air quality
NT1 water quality
RT environmental awareness

environmental temperature

INIS: 2000-04-12; ETDE: 1976-03-22

USE ambient temperature

ENVIRONMENTAL TRANSPORT

INIS: 1982-12-03; ETDE: 1976-11-01

For movement of chemicals, nuclides, etc., in the environment; not for goods and persons.

SF transport (environmental)
BT1 mass transfer
NT1 long-range transport
NT1 radionuclide migration
NT1 runoff
RT air-biosphere interactions
RT air-water interactions
RT downwelling
RT ecological concentration
RT environment
RT leachates
RT radioecological concentration
RT sinks

RT transfrontier contamination

ENZYMATIC HYDROLYSIS

INIS: 1997-06-19; ETDE: 1976-03-22

UF cellulolytic activity

*BT1 hydrolysis
RT acid hydrolysis
RT alkaline hydrolysis
RT biodegradation
RT cellulase
RT clostridium thermocellum
RT enzymes
RT hydrolases
RT thermoactinomycetes

ENZYME ACTIVITY

INIS: 1985-07-23; ETDE: 1978-08-08

RT activity levels
RT biochemical reaction kinetics
RT catalysis
RT chemical reaction kinetics
RT enzymes
RT metabolic activation
RT metabolism
RT structure-activity relationships

ENZYME IMMUNOASSAY

INIS: 1985-01-18; ETDE: 1985-02-22

UF elisa
*BT1 immunoassay
RT antibodies
RT antigen-antibody reactions
RT antigens
RT cpb
RT enzymes

ENZYME INDUCTION

INIS: 1992-03-10; ETDE: 1985-11-19

The process by which a cell accelerates the production of a specific protein or enzyme in response to environmental changes.

BT1 gene regulation
RT biosynthesis
RT enzymes
RT gene repressors

ENZYME INHIBITORS

INIS: 1978-08-30; ETDE: 1976-03-11

Substances capable of stopping or retarding the action of an enzyme. They usually interact with the enzyme to reduce the rate of reaction.

UF inhibitors (enzyme)
RT enzymes
RT inhibition

ENZYME REACTIVATION

INIS: 1993-08-24; ETDE: 1976-11-01

RT chemical activation
RT enzymes

ENZYMES

The enzyme code numbers from enzyme nomenclature: Recommendations (1972) of the International Union of Pure and Applied Chemistry and the International Union of Biochemistry are given in scope notes for the individual enzymes.

UF photoreactivating enzyme
UF pre (photoreactivating enzyme)
*BT1 proteins
NT1 dna helicases
NT1 gene recombination proteins
NT1 hydrolases
NT2 acid anhydases
NT3 gtp-ases
NT3 phosphohydrolases
NT4 atp-ase
NT2 esterases
NT3 carboxylesterases
NT4 cholinesterase
NT4 lipases

NT3 phosphatases
NT4 acid phosphatase
NT4 alkaline phosphatase
NT4 nucleotidases
NT3 phosphodiesterases
NT4 nucleases
NT5 dna-ase
NT6 endonucleases
NT5 rna-ase
NT2 glycosyl hydrolases
NT3 o-glycosyl hydrolases
NT4 amylase
NT4 cellulase
NT4 galactosidase
NT4 glucosidase
NT4 glucuronidase
NT4 hyaluronidase
NT4 lysozyme
NT4 xylanase
NT2 non-peptide c-n hydrolases
NT3 amidases
NT4 arginase
NT4 urease
NT3 amidinases
NT2 peptide hydrolases
NT3 acid proteinases
NT4 pepsin
NT3 aminopeptidases
NT3 carboxypeptidases
NT3 nonspecific peptidases
NT4 renin
NT4 urokinase
NT3 serine proteinases
NT4 chymotrypsin
NT4 fibrinolysin
NT4 kallikrein
NT4 thrombin
NT4 trypsin
NT3 sh-proteinases
NT4 cathepsins
NT4 papain
NT4 streptococcal proteinase
NT1 isomerases
NT1 ligases
NT1 lyases
NT2 carbon-carbon lyases
NT3 aldehyde-lyases
NT3 aldolases
NT3 carboxy-lyases
NT4 carboxylase
NT4 decarboxylases
NT4 ribulose diphosphate carboxylase
NT2 carbon-oxygen lyases
NT3 hyaluronidase
NT3 hydro-lyases
NT4 carbonic anhydrase
NT2 cyclases
NT2 dna methylases
NT1 oxidoreductases
NT2 amine oxidases
NT2 aryl 4-monooxygenase
NT2 diaphorase
NT2 hemiacetal dehydrogenases
NT3 alcohol dehydrogenase
NT3 lactate dehydrogenase
NT2 hydrogenases
NT2 hydroxylases
NT3 tyrosinase
NT2 nitro-group dehydrogenases
NT3 nitrogenase
NT2 oxidases
NT3 cytochrome oxidase
NT3 luciferase
NT2 oxygenases
NT3 mixed-function oxidases
NT2 peroxidases
NT3 catalase
NT2 superoxide dismutase

NT1 transferases
NT2 carbon-group transferases
NT3 methyl transferases
NT2 glycosyl transferases
NT3 hexosyl transferases
NT3 pentosyl transferases
NT4 hypoxanthine phosphoribosyltransferase
NT2 nitrogen transferases
NT3 aminotransferases
NT2 phosphorus-group transferases
NT3 nucleotidyltransferases
NT4 polymerases
NT5 dna polymerases
NT5 rna polymerases
NT3 phosphotransferases
NT4 hexokinase
RT autolysis
RT biochemical reaction kinetics
RT biochemistry
RT biosynthesis
RT catalysis
RT coenzymes
RT digestion
RT enzymatic hydrolysis
RT enzyme activity
RT enzyme immunoassay
RT enzyme induction
RT enzyme inhibitors
RT enzyme reactivation
RT glycolysis
RT immobilized enzymes
RT isoenzymes
RT metabolism
RT radioenzymatic assay
RT receptors
RT substrates

EOCENE EPOCH

INIS: 1992-04-14; ETDE: 1977-10-20

*BT1 tertiary period
 RT geologic history

EOCR REACTOR

INEEL, Idaho Falls, Idaho, USA. Never operational.

UF experimental organic cooled reactor
 *BT1 enriched uranium reactors
 *BT1 experimental reactors
 *BT1 organic cooled reactors
 *BT1 organic moderated reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 test reactors
 *BT1 thermal reactors

EOLE REACTOR

CEA/CEN, Cadarache, St. Paul Lez Durance, France.

*BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 research reactors
 *BT1 tank type reactors
 RT enriched uranium reactors
 RT natural uranium reactors

eor

INIS: 2000-04-12; ETDE: 1980-03-04
 SEE enhanced recovery

EOSIN

BT1 dyes
 *BT1 hydroxy acids
 BT1 indicators
 *BT1 organic bromine compounds
 RT phthalic acid

EOSINOPHILS

*BT1 leukocytes

epa

USE us epa

epca

INIS: 2000-04-12; ETDE: 1976-09-29

USE us energy policy and conservation act

epdm

INIS: 1992-09-25; ETDE: 1980-05-06

USE ethylene propylene diene polymers

EPEC REACTOR

*BT1 power reactors

EPHEDRINE

*BT1 alkaloids
 *BT1 amines
 *BT1 hydroxy compounds
 *BT1 sympathomimetics
 *BT1 vasoconstrictors

EPHEMEROPTERA

INIS: 1993-07-14; ETDE: 1984-02-21

UF mayflies

*BT1 insects
 RT aquatic organisms

EPIC STORAGE RING

Electron-positron(proton) intersecting complex.

*BT1 pep storage rings

EPICENTERS

INIS: 1985-01-17; ETDE: 1978-10-25

The parts of the earth's surface directly above the foci of earthquakes.

RT earthquakes

EPIDEMIOLOGY

RT a-bomb survivors
 RT aids
 RT disease incidence
 RT disease resistance
 RT diseases
 RT human populations
 RT infectious diseases
 RT preventive medicine

EPIDERMIS

*BT1 epithelium
 *BT1 skin

EPIDOTES

2000-04-12

A mineral commonly found in metamorphic rock.

*BT1 silicate minerals
 RT aluminium silicates
 RT calcium silicates
 RT iron silicates

EPILATION

BT1 pathological changes
 RT hair
 RT skin

EPILEPSY

INIS: 1980-07-24; ETDE: 1976-07-07

*BT1 nervous system diseases

epinephrine

ETDE: 1981-04-20

USE adrenaline

epiphysis (bones)

USE bone tissues

epiphysis (pineal gland)

USE pineal gland

EPITAXY

BT1 crystal growth methods
 NT1 liquid phase epitaxy

NT1 molecular beam epitaxy
 NT1 vapor phase epitaxy
 RT crystal growth
 RT crystallization

EPITHELIOMAS

SF skin cancer
 *BT1 carcinomas
 NT1 melanomas
 RT epithelium

EPITHELIUM

*BT1 animal tissues
 NT1 epidermis
 RT carcinomas
 RT conjunctiva
 RT crypt cells
 RT endothelium
 RT epitheliomas
 RT hair follicles
 RT mucous membranes

EPITHERMAL NEUTRONS

*BT1 neutrons
 RT epithermal reactors

EPITHERMAL REACTORS

BT1 reactors
 NT1 fast reactors
 NT2 actinide burner reactors
 NT2 afsr reactor
 NT2 aprf reactor
 NT2 bfs reactor
 NT2 bigr reactor
 NT2 bir reactor
 NT2 brest-od-300 reactor
 NT2 cefr reactor
 NT2 cfrmf reactor
 NT2 clementine reactor
 NT2 coral-1 reactor
 NT2 ecel reactor
 NT2 fbr type reactors
 NT3 aipfr reactor
 NT3 gcfr type reactors
 NT4 gcfr reactor
 NT3 kalpakkam pfbr reactor
 NT3 lmfr type reactors
 NT4 beloyarsk-3 reactor
 NT4 beloyarsk-4 reactor
 NT4 bn-1200 reactor
 NT4 bn-1600 reactor
 NT4 bn-350 reactor
 NT4 bor-60 reactor
 NT4 cdfr reactor
 NT4 clinch river breeder reactor
 NT4 dfr reactor
 NT4 ebr-1 reactor
 NT4 ebr-2 reactor
 NT4 enrico fermi-1 reactor
 NT4 joyo reactor
 NT4 kalpakkam lmfr reactor
 NT4 monju reactor
 NT4 pfr reactor
 NT4 phenix reactor
 NT4 plbr reactor
 NT4 rapsodie reactor
 NT4 sbr-1 reactor
 NT4 sbr-2 reactor
 NT4 sbr-5 reactor
 NT4 snr-2 reactor
 NT4 snr reactor
 NT4 superphenix reactor
 NT4 venus reactor
 NT3 pec brasimone reactor
 NT3 zebra reactor
 NT2 fbrf reactor
 NT2 fca reactor
 NT2 ftf reactor
 NT2 fr-0 reactor
 NT2 harmonie reactor

NT2 hpr reactor
 NT2 ibr-2 reactor
 NT2 ibr-30 reactor
 NT2 ifr reactor
 NT2 kalpakkam pfr reactor
 NT2 kbr-1 reactor
 NT2 knk-2 reactor
 NT2 lampre-1 reactor
 NT2 masurca reactor
 NT2 myrrha facility
 NT2 pumima-2 reactor
 NT2 pumima reactor
 NT2 saref reactor
 NT2 sefor reactor
 NT2 sneak reactor
 NT2 sora reactor
 NT2 stf reactor
 NT2 tapiro reactor
 NT2 tibr reactor
 NT2 vera reactor
 NT2 viper reactor
 NT2 wntr reactor
 NT2 yayoi reactor
 NT2 zephyr reactor
 NT2 zppr reactor
 NT2 zpr-3 reactor
 NT2 zpr-6 reactor
 NT2 zpr-9 reactor
 NT2 zrr reactor
 NT1 intermediate reactors
 NT2 thor reactor
 RT epithermal neutrons

EPOXIDES

UF epoxy compounds
 UF oxirans
 UF poly(isobutylene oxide)
 *BT1 organic oxygen compounds
 NT1 araldite
 RT heterocyclic compounds
 RT potting materials
 RT resins

epoxy compounds

USE epoxides

epr

USE electron spin resonance

EPR SPECTROMETERS

*BT1 spectrometers

EPRI

INIS: 1982-12-03; ETDE: 1977-01-10
 Organization founded by US utilities to develop and carryout broad, coordinated technology program for improving electric power.

UF electric power research institute
 RT electric power
 RT electric power industry

epsilon resonances

2000-04-12
 USE mesons

epstein-barr virus

INIS: 1976-03-25; ETDE: 1975-08-19
 USE oncogenic viruses

EQUATIONS

1996-07-08
 (Prior to July 1996 MASSEY-MOHR EQUATION was a valid ETDE descriptor.)

UF massey-mohr equation
 NT1 abfst equation
 NT1 arrhenius equation
 NT1 bethe-goldstone equation
 NT1 bethe-salpeter equation
 NT1 bloch equations
 NT1 born-mayer equation

NT1 differential equations
 NT2 bbgky equation
 NT2 chapman-kolmogorov equation
 NT2 dirac-hestenes equation
 NT2 evolution equations
 NT2 hill equation
 NT2 joos-weinberg equation
 NT2 mathieu equation
 NT2 partial differential equations
 NT3 boltzmann equation
 NT3 boltzmann-vlasov equation
 NT4 plasma fluid equations
 NT3 continuity equations
 NT3 diffusion equations
 NT4 neutron diffusion equation
 NT3 equations of motion
 NT3 fokker-planck equation
 NT3 fourier heat equation
 NT3 grad-shafranov equation
 NT3 hamilton-jacobi equations
 NT3 korteweg-de vries equation
 NT3 lagrange equations
 NT3 laplace equation
 NT3 maxwell equations
 NT3 navier-stokes equations
 NT3 poisson equation
 NT3 proca equations
 NT3 wave equations
 NT4 dirac equation
 NT5 dirac spinors
 NT4 klein-gordon equation
 NT4 majorana equation
 NT4 schrodinger equation
 NT2 riccati equation
 NT2 schwinger functional equations
 NT2 sturm-liouville equation
 NT1 equations of state
 NT1 faddeev equations
 NT1 field equations
 NT2 dirac equation
 NT3 dirac spinors
 NT2 einstein field equations
 NT2 einstein-maxwell equations
 NT2 klein-gordon equation
 NT2 sine-gordon equation
 NT1 gribov-lipatov relation
 NT1 inhour equation
 NT1 integral equations
 NT2 blankenbecler-sugar equations
 NT2 fredholm equation
 NT2 lippmann-schwinger equation
 NT2 quasipotential equation
 NT2 volterra integral equations
 NT1 integro-differential equations
 NT2 boltzmann equation
 NT1 kinetic equations
 NT2 boltzmann equation
 NT1 langevin equation
 NT1 london equation
 NT1 low equation
 NT1 percus-yevick equation
 NT1 prediction equations
 NT1 rankine-hugoniot equations
 NT1 reactor kinetics equations
 NT2 response matrix method
 NT1 richardson equation
 NT1 rydberg equation
 NT1 saha equation
 NT1 secular equation
 NT1 sum rules
 NT1 virial equation
 NT1 weil equation
 NT1 wilkins equation
 RT functions
 RT galerkin-petrov method
 RT mathematical solutions
 RT mathematics
 RT series expansion

equations (differential)

2000-04-12

USE differential equations

EQUATIONS OF MOTION

*BT1 partial differential equations

RT anharmonic oscillators

RT canonical transformations

RT hamilton-jacobi equations

RT hamiltonian function

RT harmonic oscillators

RT lagrangian function

RT limit cycle

RT mechanics

RT navier-stokes equations

RT particle kinematics

EQUATIONS OF STATE

BT1 equations

RT thermodynamics

RT virial equation

EQUATOR

RT geomagnetic equator

RT latitude effect

equatorial electrojets

USE electrojets

EQUILIBRIUM

NT1 lte

NT1 mhd equilibrium

NT1 thermal equilibrium

RT chemical reactions

RT dynamic function studies

RT partition

RT population dynamics

RT reaction kinetics

RT stability

RT steady-state conditions

RT thermodynamic activity

EQUILIBRIUM PLASMA

BT1 plasma

RT magnetic surfaces

RT non-equilibrium plasma

EQUIPMENT

1995-02-27

Use of a more specific term is strongly recommended.

UF apparatus

UF devices

NT1 appliances

NT2 coal burning appliances

NT2 electric appliances

NT3 clothes dryers

NT3 clothes washers

NT3 dishwashers

NT3 microwave ovens

NT2 freezers

NT2 gas appliances

NT2 ovens

NT3 microwave ovens

NT2 space heaters

NT3 convectors

NT2 stoves

NT2 water coolers

NT2 water heaters

NT3 solar water heaters

NT4 passive solar water heaters

NT5 thermic diode solar panels

NT2 wood burning appliances

NT3 wood burning furnaces

NT1 capacitive energy storage equipment

NT1 compactors

NT1 compressed air energy storage equipment

NT1 control equipment

NT2 electric controllers

NT2 flow regulators

NT3 baffles

NT3 valves

NT4 relief valves

NT4 water faucets

NT2 fluidic control devices

NT2 humidistats

NT2 hydraulic control devices

NT2 pneumatic controllers

NT2 pressure regulators

NT2 servomechanisms

NT2 speed regulators

NT2 thermostats

NT3 cryostats

NT1 dissolvers

NT1 distillation equipment

NT2 retorts

NT1 drilling equipment

NT2 blowout preventers

NT2 drill bits

NT2 drill pipes

NT2 drilling rigs

NT2 drills

NT3 jet drills

NT3 percussive drills

NT3 rotary drills

NT4 turbodrills

NT3 spark drills

NT3 subterrene penetrators

NT1 electrical equipment

NT2 antennas

NT3 radio telescopes

NT3 rectennas

NT2 armatures

NT2 battery chargers

NT3 solar battery chargers

NT2 capacitors

NT2 circuit breakers

NT2 conductor devices

NT3 connectors

NT3 electric cables

NT4 coaxial cables

NT4 cryogenic cables

NT4 gas-insulated cables

NT4 mineral-insulated cables

NT4 oil-filled cables

NT4 superconducting cables

NT3 electric fuses

NT2 current limiters

NT2 dc to dc converters

NT2 electric appliances

NT3 clothes dryers

NT3 clothes washers

NT3 dishwashers

NT3 microwave ovens

NT2 electric bridges

NT2 electric coils

NT3 magnet coils

NT4 pulsed magnet coils

NT3 rogowski coil

NT3 solenoids

NT3 superconducting coils

NT2 electric contacts

NT2 electric generators

NT3 alternators

NT3 flux pumps

NT3 homopolar generators

NT3 induction generators

NT3 rotating generators

NT4 superconducting generators

NT3 turbogenerators

NT3 water current power generators

NT2 electric measuring instruments

NT3 ammeters

NT3 electrometers

NT3 electroscopes

NT3 galvanometers

NT3 potentiometers

NT3 power meters

NT3 voltmeters

NT2 electric motors

NT3 superconducting motors

NT2 electrical insulators

NT2 electromagnets

NT3 superconducting magnets

NT2 inverters

NT2 lightning arresters

NT2 potheads

NT2 rectifiers

NT3 rectifier tubes

NT4 ignitrons

NT3 semiconductor rectifiers

NT2 relays

NT2 resistors

NT3 photoresistors

NT3 semiconductor resistors

NT2 shunt reactors

NT2 switches

NT3 cryotrons

NT3 plasma switches

NT3 semiconductor switches

NT2 transformers

NT3 gas-insulated transformers

NT1 electronic equipment

NT2 amplifiers

NT3 ac amplifiers

NT3 dc amplifiers

NT3 dielectric amplifiers

NT3 high frequency amplifiers

NT3 lock-in amplifiers

NT3 magnetic amplifiers

NT3 microwave amplifiers

NT4 masers

NT3 operational amplifiers

NT3 parametric amplifiers

NT3 power amplifiers

NT3 preamplifiers

NT3 pulse amplifiers

NT3 transistor amplifiers

NT2 analog-to-digital converters

NT2 counting ratemeters

NT3 linear ratemeters

NT3 logarithmic ratemeters

NT2 digital-to-analog converters

NT2 function generators

NT3 pulse generators

NT4 high-voltage pulse generators

NT5 marx generators

NT2 microwave equipment

NT3 heterodyne receivers

NT3 microwave amplifiers

NT4 masers

NT3 microwave dryers

NT3 microwave tubes

NT4 backward wave tubes

NT4 klystrons

NT4 lasertrons

NT4 magnetrons

NT4 travelling wave tubes

NT3 squid devices

NT2 multiplexers

NT2 optoelectronic devices

NT2 oscillators

NT3 blocking oscillators

NT3 parametric oscillators

NT3 transistor oscillators

NT2 oscillographs

NT2 power supplies

NT3 marx generators

NT3 photovoltaic power supplies

NT3 radio equipment power supplies

NT3 spacecraft power supplies

NT3 uninterruptible power supplies

NT2 pulse analyzers

NT3 multi-channel analyzers

NT2 pulse converters

NT3 current-to-frequency converters

NT3 time-to-amplitude converters

NT3 time-to-digital converters

NT2 pulse integrators
 NT2 radio equipment
 NT3 heterodyne receivers
 NT3 ionosondes
 NT3 radio telescopes
 NT2 resonators
 NT3 cavity resonators
 NT4 superconducting cavity resonators
 NT3 split-ring resonators
 NT2 scalars
 NT2 speech synthesizers
 NT1 farm equipment
 NT1 field production equipment
 NT2 well injection equipment
 NT2 well recovery equipment
 NT2 wellheads
 NT1 harvesting equipment
 NT1 heat recovery equipment
 NT1 hydraulic equipment
 NT2 hydraulic control devices
 NT1 laboratory equipment
 NT2 dna sequencers
 NT2 fume hoods
 NT2 gloveboxes
 NT2 hot cells
 NT2 manipulators
 NT2 vacuum pumps
 NT3 cryopumps
 NT3 sputter-ion pumps
 NT3 turbomolecular pumps
 NT1 machinery
 NT2 pulverizers
 NT2 refrigerating machinery
 NT2 turbomachinery
 NT3 turbines
 NT4 gas turbines
 NT5 coal-fired gas turbines
 NT4 hydraulic turbines
 NT5 pump turbines
 NT4 radial inflow turbines
 NT4 radial-outflow reaction turbines
 NT4 rotary separator turbines
 NT4 steam turbines
 NT4 wind turbines
 NT5 diffuser augmented turbines
 NT5 horizontal axis turbines
 NT5 vertical axis turbines
 NT6 giromill turbines
 NT6 tornado turbines
 NT5 vortex augmented turbines
 NT3 turbochargers
 NT3 turbodrills
 NT3 turbofan engines
 NT3 turbogenerators
 NT3 turbojet engines
 NT2 winding machines
 NT1 magnetic energy storage equipment
 NT1 magnets
 NT2 beam bending magnets
 NT2 beam focusing magnets
 NT2 electromagnets
 NT3 superconducting magnets
 NT2 kicker magnets
 NT2 permanent magnets
 NT2 septum magnets
 NT2 wiggler magnets
 NT1 materials handling equipment
 NT2 earthmoving equipment
 NT3 bucket wheel excavators
 NT3 draglines
 NT2 grabs
 NT2 haulage equipment
 NT3 conveyors
 NT4 belt conveyors
 NT4 chain conveyors
 NT3 loaders
 NT4 cutter loaders
 NT5 coal plows

NT5 continuous miners
 NT5 heading machines
 NT5 shearer loaders
 NT3 mine cars
 NT2 hoists
 NT2 mixers
 NT2 remote handling equipment
 NT3 cranes
 NT3 manipulators
 NT2 shredders
 NT2 winches
 NT1 military equipment
 NT1 mining equipment
 NT2 bucket wheel excavators
 NT2 cutting machines
 NT3 cutter loaders
 NT4 coal plows
 NT4 continuous miners
 NT4 heading machines
 NT4 shearer loaders
 NT2 roof bolts
 NT1 odorant dispensers
 NT1 optical equipment
 NT2 optoelectronic devices
 NT1 particle size classifiers
 NT1 pollution control equipment
 NT2 acoustic agglomerators
 NT2 afterburners
 NT2 air filters
 NT2 baghouses
 NT2 catalytic converters
 NT2 electrostatic precipitators
 NT2 exhaust recirculation systems
 NT2 oil retention booms
 NT2 pcv systems
 NT2 rotating disk removal systems
 NT2 scrubbers
 NT3 dry scrubbers
 NT3 wet scrubbers
 NT4 venturi scrubbers
 NT2 skimmers
 NT2 weir oil recovery systems
 NT1 portable equipment
 NT1 pumps
 NT2 centrifugal pumps
 NT2 electromagnetic pumps
 NT2 rod pumps
 NT2 vacuum pumps
 NT3 cryopumps
 NT3 sputter-ion pumps
 NT3 turbomolecular pumps
 NT2 water pumps
 NT3 solar water pumps
 NT2 wind-powered pumps
 NT1 remote viewing equipment
 NT1 robots
 NT1 samplers
 NT2 air samplers
 NT1 scrapers
 NT1 separation equipment
 NT2 extraction apparatuses
 NT3 extraction columns
 NT3 mist extractors
 NT3 mixer-settlers
 NT3 podbielniak contactors
 NT2 inertial separators
 NT3 cyclone separators
 NT2 isotope separators
 NT2 vapor separators
 NT3 steam separators
 NT1 solar equipment
 NT2 heliostats
 NT3 solar tracking systems
 NT2 photovoltaic power supplies
 NT2 pyranometers
 NT2 pyrheliometers
 NT2 solar absorbers
 NT2 solar battery chargers
 NT2 solar cell arrays

NT3 solar tracking systems
 NT2 solar cells
 NT3 aluminium arsenide solar cells
 NT3 back contact solar cells
 NT3 cadmium arsenide solar cells
 NT3 cadmium selenide solar cells
 NT3 cadmium sulfide solar cells
 NT3 cadmium telluride solar cells
 NT3 cascade solar cells
 NT3 concentrator solar cells
 NT3 copper oxide solar cells
 NT3 copper selenide solar cells
 NT3 copper sulfide solar cells
 NT3 gallium arsenide solar cells
 NT3 gallium phosphide solar cells
 NT3 indium phosphide solar cells
 NT3 indium selenide solar cells
 NT3 mi solar cells
 NT3 mis solar cells
 NT3 mos solar cells
 NT3 ms solar cells
 NT3 organic solar cells
 NT3 pis solar cells
 NT3 ps solar cells
 NT3 schottky barrier solar cells
 NT3 selenium solar cells
 NT3 silicon arsenide solar cells
 NT3 silicon solar cells
 NT4 soc solar cells
 NT3 zinc phosphide solar cells
 NT3 zinc sulfide solar cells
 NT2 solar collectors
 NT3 combined collectors
 NT3 concentrating collectors
 NT4 fixed mirror collectors
 NT4 parabolic collectors
 NT5 parabolic dish collectors
 NT5 parabolic trough collectors
 NT4 slat type collectors
 NT4 tower focus collectors
 NT4 v trough collectors
 NT3 evacuated collectors
 NT4 evacuated tube collectors
 NT3 flat plate collectors
 NT4 trickle-type collectors
 NT3 inflatable collectors
 NT3 solar air heaters
 NT3 solar ponds
 NT4 roof ponds
 NT3 solar tracking systems
 NT3 unglazed solar collectors
 NT2 solar concentrators
 NT3 cassegrainian concentrators
 NT3 compound parabolic concentrators
 NT3 luminescent concentrators
 NT3 solar reflectors
 NT4 fresnel reflectors
 NT4 orbital solar reflectors
 NT4 parabolic reflectors
 NT5 parabolic dish reflectors
 NT5 parabolic trough reflectors
 NT2 solar cookers
 NT2 solar cooling systems
 NT3 passive solar cooling systems
 NT4 bead walls
 NT4 drum walls
 NT4 roof ponds
 NT3 solar air conditioners
 NT4 solar-assisted heat pumps
 NT3 solar refrigerators
 NT2 solar dryers
 NT2 solar furnaces
 NT2 solar heating systems
 NT3 passive solar heating systems
 NT4 bead walls
 NT4 direct gain systems
 NT4 drum walls
 NT4 roof ponds

- NT4 thermic diode solar panels
- NT4 trombe walls
- NT4 water walls
- NT3 solar-assisted heat pumps
- NT2 solar kilns
- NT2 solar regenerators
- NT2 solar simulators
- NT2 solar stills
- NT2 solar water heaters
- NT3 passive solar water heaters
- NT4 thermic diode solar panels
- NT2 solar water pumps
- NT2 spectrally selective surfaces
- NT1 thermal energy storage equipment
- NT1 tools
- NT2 cutting tools
- NT2 drill bits
- NT2 machine tools
- NT3 grinding machines
- NT3 lathes
- NT3 milling machines
- NT1 tunneling machines
- NT1 well casings
- NT1 well logging equipment
- NT1 wind tunnels
- NT1 x-ray equipment
- NT2 x-ray tubes
- RT equipment interfaces
- RT human factors engineering
- RT office furniture
- RT warranties

EQUIPMENT INTERFACES

- UF *interfaces (equipment)*
- RT camac system
- RT computer architecture
- RT computers
- RT data transmission
- RT electronic equipment
- RT equipment
- RT fastbus system
- RT graphical user interface

EQUIPMENT PROTECTION DEVICES

- NT1 circuit breakers
- NT1 electric fuses
- RT cryostats
- RT reactor protection systems
- RT relays
- RT switches

EQUIVALENCE PRINCIPLE

- RT general relativity theory
- RT gravitational fields
- RT mass

EQUIVALENT CIRCUITS

- BT1 electronic circuits

EQUIVALENT DOSE RANGE

2012-05-30

- BT1 radiation dose ranges
- NT1 micro sv range
- NT1 milli sv range
- NT2 milli sv range 01-10
- NT2 milli sv range 10-100
- NT2 milli sv range 100-1000
- NT1 sv range
- RT equivalent radiation doses
- RT radiation dose rate ranges

EQUIVALENT FISSION FLUENCE

INIS: 1976-05-07; ETDE: 1978-03-08

- *BT1 damaging neutron fluence
- RT irradiation
- RT neutronic damage functions
- RT physical radiation effects

EQUIVALENT-PHOTON APPROXIMATION

- UF *williams-weizsacker approximation*
- *BT1 approximations
- RT photon-photon interactions
- RT quantum electrodynamics

EQUIVALENT RADIATION DOSES

2012-05-30

- *BT1 radiation doses
- RT biological radiation effects
- RT equivalent dose range
- RT radiotherapy

ERBIUM

- *BT1 rare earths

ERBIUM 143

2007-10-22

- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei

ERBIUM 144

2007-10-22

- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei

ERBIUM 145

1989-07-19

- *BT1 beta-plus decay radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei

ERBIUM 146

INIS: 1992-09-22; ETDE: 1984-09-05

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

ERBIUM 147

INIS: 1983-09-05; ETDE: 1983-08-25

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

ERBIUM 148

1981-09-17

- *BT1 beta-plus decay radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

ERBIUM 149

INIS: 1984-10-19; ETDE: 1984-05-08

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

ERBIUM 150

INIS: 1977-01-25; ETDE: 1976-11-01

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

ERBIUM 151

1977-01-26

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

ERBIUM 152

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

ERBIUM 153

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

ERBIUM 154

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 155

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 156

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 internal conversion radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 157

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 158

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 159

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 160

- *BT1 days living radioisotopes

- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei

ERBIUM 161

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 162

- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

ERBIUM 162 TARGET*ETDE: 1976-07-09*

- BT1 targets

ERBIUM 163

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 163 TARGET*INIS: 1979-02-21; ETDE: 1979-03-28*

- BT1 targets

ERBIUM 164

- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

ERBIUM 164 TARGET*ETDE: 1976-07-09*

- BT1 targets

ERBIUM 165

- *BT1 electron capture radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 165 TARGET*INIS: 1979-02-21; ETDE: 1979-03-28*

- BT1 targets

ERBIUM 166

- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

ERBIUM 166 REACTIONS*INIS: 1985-11-18; ETDE: 1985-12-13*

- *BT1 heavy ion reactions

ERBIUM 166 TARGET*ETDE: 1976-07-09*

- BT1 targets

ERBIUM 167

- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 isomeric transition isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 stable isotopes

ERBIUM 167 TARGET*ETDE: 1976-07-09*

- BT1 targets

ERBIUM 168

- *BT1 erbium isotopes

- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

ERBIUM 168 TARGET*ETDE: 1976-07-09*

- BT1 targets

ERBIUM 169

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 internal conversion radioisotopes
- *BT1 rare earth nuclei

ERBIUM 170

- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

ERBIUM 170 TARGET*ETDE: 1976-07-09*

- BT1 targets

ERBIUM 171

- *BT1 beta-minus decay radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 172

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei

ERBIUM 173

- *BT1 beta-minus decay radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 174*INIS: 1989-04-20; ETDE: 1989-05-11*

- *BT1 beta-minus decay radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei

ERBIUM 175*1996-03-14*

- *BT1 beta-minus decay radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei

ERBIUM 176*2007-10-22*

- *BT1 beta-minus decay radioisotopes
- *BT1 erbium isotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

ERBIUM 177*2007-10-22*

- *BT1 beta-minus decay radioisotopes
- *BT1 erbium isotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

ERBIUM ADDITIONS*Alloys containing not more than 1% Er are listed here.*

- *BT1 erbium alloys
- *BT1 rare earth additions

ERBIUM ALLOYS*Alloys containing more than 1% Er.*

- *BT1 rare earth alloys
- NT1** erbium additions
- NT1** erbium base alloys

ERBIUM BASE ALLOYS

- *BT1 erbium alloys

ERBIUM BORIDES

- *BT1 borides
- *BT1 erbium compounds

ERBIUM BROMIDES

- *BT1 bromides
- *BT1 erbium halides

ERBIUM CARBIDES

- *BT1 carbides
- *BT1 erbium compounds

ERBIUM CARBONATES

- *BT1 carbonates
- *BT1 erbium compounds

ERBIUM CHLORIDES

- *BT1 chlorides
- *BT1 erbium halides

ERBIUM COMPLEXES

- *BT1 rare earth complexes

ERBIUM COMPOUNDS*1997-06-17*

- BT1 rare earth compounds
- NT1** erbium borides
- NT1** erbium carbides
- NT1** erbium carbonates
- NT1** erbium halides
- NT2** erbium bromides
- NT2** erbium chlorides
- NT2** erbium fluorides
- NT2** erbium iodides
- NT1** erbium hydrides
- NT1** erbium hydroxides
- NT1** erbium nitrates
- NT1** erbium nitrides
- NT1** erbium oxides
- NT1** erbium perchlorates
- NT1** erbium phosphates
- NT1** erbium phosphides
- NT1** erbium selenides
- NT1** erbium silicides
- NT1** erbium sulfates
- NT1** erbium sulfides
- NT1** erbium tellurides
- NT1** erbium tungstates

ERBIUM FLUORIDES

- *BT1 erbium halides
- *BT1 fluorides

ERBIUM HALIDES*2012-07-19*

- *BT1 erbium compounds
- *BT1 halides
- NT1** erbium bromides
- NT1** erbium chlorides
- NT1** erbium fluorides
- NT1** erbium iodides

ERBIUM HYDRIDES

- *BT1 erbium compounds
- *BT1 hydrides

ERBIUM HYDROXIDES

- *BT1 erbium compounds
- *BT1 hydroxides

ERBIUM IODIDES

- *BT1 erbium halides
- *BT1 iodides

ERBIUM IONS

*BT1 ions

ERBIUM ISOTOPES

1996-03-14

BT1 isotopes

NT1 erbium 143

NT1 erbium 144

NT1 erbium 145

NT1 erbium 146

NT1 erbium 147

NT1 erbium 148

NT1 erbium 149

NT1 erbium 150

NT1 erbium 151

NT1 erbium 152

NT1 erbium 153

NT1 erbium 154

NT1 erbium 155

NT1 erbium 156

NT1 erbium 157

NT1 erbium 158

NT1 erbium 159

NT1 erbium 160

NT1 erbium 161

NT1 erbium 162

NT1 erbium 163

NT1 erbium 164

NT1 erbium 165

NT1 erbium 166

NT1 erbium 167

NT1 erbium 168

NT1 erbium 169

NT1 erbium 170

NT1 erbium 171

NT1 erbium 172

NT1 erbium 173

NT1 erbium 174

NT1 erbium 175

NT1 erbium 176

NT1 erbium 177

ERBIUM NITRATES

*BT1 erbium compounds

*BT1 nitrates

ERBIUM NITRIDES

*BT1 erbium compounds

*BT1 nitrides

ERBIUM OXIDES

*BT1 erbium compounds

*BT1 oxides

ERBIUM PERCHLORATES

INIS: 2000-04-12; ETDE: 1975-10-28

*BT1 erbium compounds

*BT1 perchlorates

ERBIUM PHOSPHATES

INIS: 1986-01-21; ETDE: 1984-03-06

*BT1 erbium compounds

*BT1 phosphates

ERBIUM PHOSPHIDES

INIS: 1981-08-06; ETDE: 1978-08-07

*BT1 erbium compounds

*BT1 phosphides

ERBIUM SELENIDES

INIS: 1978-08-30; ETDE: 1977-12-22

*BT1 erbium compounds

*BT1 selenides

ERBIUM SILICIDES

INIS: 1975-10-29; ETDE: 1975-12-16

*BT1 erbium compounds

*BT1 silicides

ERBIUM SULFATES

*BT1 erbium compounds

*BT1 sulfates

ERBIUM SULFIDES

*BT1 erbium compounds

*BT1 sulfides

ERBIUM TELLURIDES

INIS: 1991-09-16; ETDE: 1977-11-28

*BT1 erbium compounds

*BT1 tellurides

ERBIUM TUNGSTATES

1988-02-02

*BT1 erbium compounds

*BT1 tungstates

EREVAN SYNCHROTRON

UF eku

UF yerevan synchrotron

*BT1 synchrotrons

ERGOCALCIFEROL

UF vitamin d-2

*BT1 vitamin d

ERGODIC DIVERTORS

1995-11-21

Devices based on externally produced ergodicity of the magnetic field configuration in the plasma edge region to divert plasma impurities and fuel ash in magnetic fusion devices.

BT1 divertors

RT randomness

ERGODIC HYPOTHESIS

BT1 hypothesis

RT phase space

RT probability

RT statistical mechanics

ergonomics

INIS: 1995-01-10; ETDE: 1982-06-07

USE human factors engineering

ERGOSTEROL

*BT1 sterols

ERGOTAMINE

*BT1 alkaloids

*BT1 sympatholytics

RT indoles

ericson fluctuations

USE ericson theory

ERICSON THEORY

UF ericson fluctuations

RT random phase approximation

ERICSSON CYCLE

2003-06-26

An ideal thermodynamic cycle consisting of two isobaric processes interspersed with processes which are, in effect, isothermal, but each of which consists of an infinite number of alternating isentropic and isobaric processes.

BT1 thermodynamic cycles

RT thermodynamics

ERIE-1 REACTOR

INIS: 1977-09-06; ETDE: 1977-06-02

Ohio Edison Co., Berlin Heights, Ohio, USA.

Canceled in 1980 before construction began.

*BT1 pwr type reactors

ERIE-2 REACTOR

INIS: 1977-09-06; ETDE: 1977-06-02

Ohio Edison Co., Berlin Heights, Ohio, USA.

Canceled in 1980 before construction began.

*BT1 pwr type reactors

ERIOCHROME DYES

*BT1 azo dyes

*BT1 phenols

*BT1 sulfonic acids

erioglaucine

2000-04-12

(Prior to February 1996 this was a valid ETDE descriptor.)

USE azo dyes

USE indicators

USE sulfonic acids

ERITREA

INIS: 2002-07-22; ETDE: 2002-06-17

BT1 africa

BT1 developing countries

ERMINE REACTOR

*BT1 zero power reactors

ernest orlando lawrence award

INIS: 2000-04-12; ETDE: 1981-01-27

(Prior to June 1994, this was a valid ETDE descriptor.)

USE awards

EROSION

RT ablation

RT abrasion

RT corrosion

RT ground cover

RT soil conservation

RT wear

EROSION CONTROL

INIS: 1992-07-07; ETDE: 1985-09-23

BT1 control

RT revegetation

RT soil conservation

ERR REACTOR

US AEC, Elk River, Minnesota, USA.

Decommissioned in 1968.

UF elk river reactor

*BT1 bwr type reactors

*BT1 thorium reactors

ERRORS

For considerations of causes of errors. For data uncertainties use DATA COVARIANCES.

RT accuracy

RT comparative evaluations

RT corrections

RT data covariances

RT performance

RT quality control

RT reliability

RT resolution

RT sensitivity analysis

RT tolerance

ERUPTION

INIS: 1993-02-18; ETDE: 1976-08-04

The ejection of volcanic materials onto the earth's surface.

RT lava

RT volcanism

RT volcanoes

eruptive binary stars

INIS: 1984-05-24; ETDE: 2002-06-13

USE eruptive variable stars

ERUPTIVE VARIABLE STARS

INIS: 1978-11-24; ETDE: 1978-12-20

Variable close binary systems, one star of which provides the other with accretion material.

UF cataclysmic binary stars

UF cataclysmic variable stars

UF eruptive binary stars

*BT1 binary stars

*BT1 variable stars

NT1 novae

NT1 supernovae
NT2 type i supernovae
NT2 type ii supernovae
NT1 t tauri stars
RT accretion disks
RT star accretion

ERYTHEMA

BT1 symptoms
RT skin
RT skin diseases

ERYTHRITOL

UF *tetrahydroxybutane*
***BT1** alcohols
***BT1** monosaccharides

erythroblasts

USE bone marrow cells

ERYTHROCYTES

***BT1** blood cells
NT1 reticulocytes
RT anemias
RT babesidae
RT blood groups
RT carboxyhemoglobin
RT hemagglutinins
RT hemoglobin
RT hemolysis
RT megaloblastic anemia
RT methemoglobin
RT sickle cell anemia

ERYTHROMYCIN

***BT1** antibiotics

ERYTHROPOIESIS

BT1 blood formation
RT erythropoietin
RT hematopoietic system

ERYTHROPOIETIN

1999-07-08
BT1 mitogens
***BT1** peptide hormones
RT erythropoiesis
RT growth factors

ERYTHROSINE

ETDE: 1975-09-11
***BT1** fluorescein
***BT1** organic iodine compounds

ERZGEBIRGE DEPOSIT

INIS: 1992-02-04; ETDE: 1992-09-21
***BT1** uranium deposits
RT federal republic of germany
RT uranium ores

ES COMPUTERS

1982-02-10
BT1 computers

ES-SALAM REACTOR

2005-02-11
Centre de Development des Systemes Energetiques, Ainoussera, Algeria. Temporary shutdown since 2015.
***BT1** enriched uranium reactors
***BT1** heavy water cooled reactors
***BT1** heavy water moderated reactors
***BT1** research reactors
***BT1** thermal reactors
***BT1** training reactors

ESA

INIS: 1995-10-27; ETDE: 1980-11-25
Until 1975 known as ESRO, and older material is indexed to ESRO.
UF *esro*
UF *european space agency*

UF *european space research organization*
BT1 international organizations

ESADA-VESR REACTOR

USA.
***BT1** enriched uranium reactors
***BT1** experimental reactors
***BT1** tank type reactors
***BT1** test reactors
***BT1** thermal reactors
***BT1** water cooled reactors
***BT1** water moderated reactors

ESARDA

INIS: 1976-09-06; ETDE: 1976-11-01
European Safeguards Research and Development Association.
UF *european safeguard research development association*
BT1 international organizations

esca

Electron Spectroscopy for Chemical Analysis.
 (Prior to Dec 2002 CHEMICALANALYSIS + ELECTRON SPECTROSCOPY was used for this concept.)
USE x-ray photoelectron spectroscopy

ESCAPE PEAKS

BT1 peaks
RT gamma spectra

escar

INIS: 2000-04-12; ETDE: 1975-11-26
 (Prior to July 1985, this was a valid ETDE descriptor and older material is so indexed.)
USE escar storage ring

ESCAR STORAGE RING

INIS: 1976-02-11; ETDE: 1977-01-31
Experimental Superconducting Accelerating Ring at Berkeley.
UF *berkeley escar storage ring*
UF *escar*
BT1 storage rings
***BT1** synchrotrons

ESCHERICHIA COLI

***BT1** bacteria
RT coliforms
RT intestines

escom-1 reactor

INIS: 1975-11-07; ETDE: 1975-12-16
USE koeberg-1 reactor

ESCOM REACTOR

UF *electricity supply company reactor*
***BT1** power reactors

escrow accounts

INIS: 2000-04-12; ETDE: 1983-05-21
Monies or other items held by a third party.
 (Prior to February 1995, this was a valid ETDE descriptor.)
SEE compliance

ESERINE

UF *physostigmine*
***BT1** alkaloids
***BT1** parasymphathomimetics

ESKIMOS

***BT1** indigenous peoples
RT arctic regions
RT sami people

ESOPHAGUS

BT1 digestive system
***BT1** organs
RT mediastinum

esr

USE electron spin resonance

ESR STORAGE RING

INIS: 1992-02-22; ETDE: 1992-03-09
UF *darmstadt storage ring*
BT1 storage rings

esrf

2000-09-08
USE european synchrotron radiation facility

esro

1997-01-28
 (Until October 1995 this was a valid descriptor. Name changed in 1975 to ESA, and more recent material should have been indexed to ESA.)
USE esa

esrom event

INIS: 2000-04-12; ETDE: 1977-06-21
USE anvil project

ess

2016-06-09
USE european spallation source

ESSENTIAL OILS

***BT1** oils
RT buffalo gourd
RT plants
RT vegetable oils

essex i project

INIS: 2000-03-27; ETDE: 1975-08-19
 (Until July 1996 this was a valid descriptor.)
USE underground explosions

ESSOR REACTOR

Joint Research Centre, Ispra, Italy. Permanent shutdown since 1983. Under decommissioning since 1998.
UF *orgel reactor*
***BT1** enriched uranium reactors
***BT1** heavy water cooled reactors
***BT1** heavy water moderated reactors
***BT1** natural uranium reactors
***BT1** organic cooled reactors
***BT1** tank type reactors
***BT1** test reactors
***BT1** thermal reactors

ESTERASES

Code number 3.1.
***BT1** hydrolases
NT1 carboxylesterases
NT2 cholinesterase
NT2 lipases
NT1 phosphatases
NT2 acid phosphatase
NT2 alkaline phosphatase
NT2 nucleotidases
NT1 phosphodiesterases
NT2 nucleases
NT3 dna-ase
NT4 endonucleases
NT3 rna-ase
RT esters

ESTERIFICATION

BT1 chemical reactions
RT esters

ESTERS

1996-10-23
Includes esters of organic and inorganic acids.
UF *lanolin*
UF *wool fat*
BT1 organic compounds

NT1 acetylcholine
NT1 carbonic acid esters
NT1 carboxylic acid esters
NT2 acetic acid esters
NT3 methyl acetate
NT3 polyvinyl acetate
NT3 vinyl acetate
NT2 acetoacetic acid esters
NT2 acrylic acid esters
NT2 bromosulphophthalein
NT2 carbamic acid esters
NT2 citric acid esters
NT2 glucoheptonate
NT2 malathion
NT2 methacrylic acid esters
NT2 oxalic acid esters
NT2 phenolphthalein
NT2 retinoic acid
NT1 cellulose esters
NT2 nitrocellulose
NT1 isocyanic acid esters
NT1 lactones
NT2 coumarin
NT2 gibberellic acid
NT1 nitric acid esters
NT2 nitrocellulose
NT2 nitroglycerin
NT2 peroxyacetyl nitrate
NT2 petn
NT1 nitrous acid esters
NT1 phorbol esters
NT1 phosphinic acid esters
NT1 phospholipids
NT2 cardiolipin
NT2 lecithins
NT2 sphingomyelins
NT1 phosphonic acid esters
NT2 dampa
NT2 dhdecmp
NT1 phosphoric acid esters
NT2 butyl phosphates
NT3 dbp
NT3 mbp
NT3 tbp
NT2 hdehp
NT2 mdpa
NT2 phytic acid
NT2 tcp
NT1 phthalic acid esters
NT1 polyacrylates
NT2 lucite
NT2 perspex
NT2 plexiglas
NT2 pmma
NT1 polyesters
NT2 polyethylene terephthalate
NT3 dacron
NT3 homalite
NT3 mylar
NT1 sulfonic acid esters
NT2 alkyl benzenesulfonates
NT2 ethyl methanesulfonate
NT2 methyl methanesulfonate
NT2 petroleum sulfonates
NT1 sulfuric acid esters
NT1 thiophosphoric acid esters
NT2 cystaphos
NT2 gammaphos
NT2 parathion
NT1 triglycerides
NT2 corn oil
NT2 linseed oil
NT2 olive oil
NT2 peanut oil
NT2 soybean oil
NT2 triolein
RT carboxylic acid salts
RT claisen condensation
RT esterases

RT esterification
RT hydrolysis
RT lipids

esthetics

INIS: 1983-06-30; ETDE: 1978-03-03
 USE aesthetics

ESTONIA

INIS: 1997-08-20; ETDE: 1993-03-15
 (Until January 1993, this was indexed by USSR.)
SF soviet union
SF union of soviet socialist republics
SF ussr
***BT1** eastern europe

ESTONIAN ORGANIZATIONS

2004-03-31
BT1 national organizations

ESTRADIOL

***BT1** estranes
***BT1** estrogens
***BT1** hydroxy compounds
NT1 fluoroestradiol

ESTRANES

***BT1** steroids
NT1 estradiol
NT2 fluoroestradiol
NT1 estriol
NT1 estrone
RT estrogens

ESTRIOL

***BT1** estranes
***BT1** estrogens
***BT1** hydroxy compounds

ESTROGENS

***BT1** steroid hormones
NT1 estradiol
NT2 fluoroestradiol
NT1 estriol
NT1 estrone
RT castration
RT estranes
RT estrous cycle
RT fsh
RT ovaries
RT stilbestrol
RT tamoxifen

ESTRONE

***BT1** estranes
***BT1** estrogens
***BT1** hydroxy compounds
***BT1** ketones

ESTROUS CYCLE

RT estrogens
RT female genitals
RT luteinizing hormone
RT menopause
RT menstrual cycle
RT menstruation disorders
RT ovulation
RT rhythmicity

ESTUARIES

***BT1** coastal waters
NT1 fiords
NT1 long island sound
RT eutrophication
RT fresh water
RT offshore nuclear power plants
RT offshore sites
RT rivers
RT salinity
RT seas
RT seawater

estuarine ecosystems

USE aquatic ecosystems

estuary event

INIS: 2000-04-12; ETDE: 1977-06-21
 USE anvil project

eta-1060 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE eta-1295 mesons

eta-1275 mesons

INIS: 1995-08-07; ETDE: 1988-01-29
 (From December 1987 until July 1995 this was a valid term.)
 USE eta-1295 mesons

ETA-1295 MESONS

1995-08-07
 (Until December 1987 this concept was indexed by ETA-1060 RESONANCES; from then until July 1995 it was indexed by ETA-1275 MESONS.)
UF eta-1060 resonances
UF eta-1275 mesons
***BT1** pseudoscalar mesons

ETA-1440 MESONS

INIS: 1987-12-21; ETDE: 1988-01-29
 (Prior to December 1987 this concept was indexed by IOTA-1440 RESONANCES.)
UF iota-1440 resonances
***BT1** pseudoscalar mesons

eta-2980 resonances

INIS: 1987-12-21; ETDE: 1984-12-26
 (Prior to December 1987 this was a valid descriptor.)
 USE eta c-2980 mesons

eta-549

USE eta mesons

eta-700 resonances

1988-03-08
 (Prior to December 1987 this was a valid descriptor.)
 USE mesons

eta-958 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE eta prime-958 mesons

ETA C-2980 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01
 (Prior to December 1987 this concept was indexed by ETA-2980 RESONANCES.)
UF eta-2980 resonances
UF eta-c resonances
***BT1** charmonium
***BT1** pseudoscalar mesons

ETA C-3590 MESONS

INIS: 1995-08-07; ETDE: 1988-02-01
***BT1** charmonium

eta-c resonances

INIS: 2000-04-12; ETDE: 1984-12-26
 USE eta c-2980 mesons

ETA MESON BEAMS

***BT1** meson beams

ETA MESONS

UF eta-549
***BT1** pseudoscalar mesons

ETA PRIME-958 MESONS

INIS: 1987-12-21; ETDE: 1988-01-25
(Prior to December 1987 this concept was indexed by ETA-958 RESONANCES.)

UF eta-958 resonances

UF x-zero resonances

**BT1 pseudoscalar mesons*

ETCHING

1999-07-08

BT1 surface finishing

RT ceramography

RT dielectric track detectors

RT masking

RT metallography

RT particle tracks

ETDE

1991-02-11

UF energy technology data exchange

BT1 information systems

RT international energy agency

etf (tokamak)

INIS: 2000-04-12; ETDE: 1979-12-17

USE etf tokamak

ETF TOKAMAK

INIS: 1981-07-06; ETDE: 1981-08-04

UF engineering test facility (tokamak)

UF etf (tokamak)

UF tokamak etf

**BT1 tokamak devices*

ethanal

USE acetaldehyde

ETHANE

**BT1 alkanes*

RT ddt

ETHANOL

UF cologne spirits

UF ethyl alcohol

UF fermentation alcohol

UF grain alcohol

**BT1 alcohols*

NT1 bioethanol

NT2 cellulosic ethanol

RT ethanol fuels

RT gasohol program

ETHANOL FUELS

INIS: 1992-07-23; ETDE: 1979-09-06

For pure ethanol, ethanol-water mixtures, or ethanol with additives; for ethanol-gasoline mixtures use GASOHOL.

**BT1 alcohol fuels*

RT automotive fuels

RT bioethanol

RT diesel fuels

RT ethanol

RT gasohol

ETHANOL PLANTS

INIS: 1992-07-23; ETDE: 1981-05-18

BT1 industrial plants

RT biomass conversion plants

RT chemical plants

ETHERS

1996-10-23

For the commonly used anesthetic and solvent, use ETHYL ETHER.

UF batyl alcohol

UF carbitols

UF diglycol monoalkyl ethers

UF ethocel

UF ioglycamic acid

UF octadecyl glyceryl ether-alpha

UF oxetane

**BT1 organic oxygen compounds*

NT1 acetals

NT2 acetals

NT1 anisole

NT1 butyl ether

NT1 cellosolves

NT1 crown ethers

NT1 curcumin

NT1 dme

NT1 ethyl ether

NT1 isopropyl ether

NT1 methyl ether

NT1 methylal

NT1 mexamine

NT1 morpholines

NT1 phenyl ether

RT polyethylene glycols

RT tetrahydropyran

RT thyronine

RT thyroxine

ETHICAL ASPECTS

1982-02-09

UF ethics

RT hazards

RT political aspects

RT public opinion

RT radiation protection

RT safety

RT safety culture

RT sociology

ethics

INIS: 2000-04-12; ETDE: 1978-03-03

(Prior to July 1985, this was a valid ETDE descriptor.)

USE ethical aspects

ethine

USE acetylene

ETHIONINE

UF ethylmercaptoaminobutyric acid

UF ethylthioaminobutyric acid

**BT1 amino acids*

**BT1 antimetabolites*

**BT1 lipotropic factors*

**BT1 organic sulfur compounds*

ETHIOPIA

BT1 africa

BT1 developing countries

ethnic groups

INIS: 2000-04-12; ETDE: 1979-10-23

USE minority groups

ethocel

USE cellulose

USE ethers

ETHOXY RADICALS

**BT1 alkoxy radicals*

ethyl alcohol

USE ethanol

ETHYL ETHER

UF diethyl ether

**BT1 ethers*

RT anesthetics

RT organic solvents

ETHYL METHANESULFONATE

ETDE: 2005-01-28

(Prior to January 2005 EMS was used for this concept.)

UF ems (ethyl methanesulfonate)

BT1 mutagens

**BT1 sulfonic acid esters*

RT methane

ETHYL RADICALS

**BT1 alkyl radicals*

ethylaldehyde

USE acetaldehyde

ETHYLENE

**BT1 alkenes*

ETHYLENE GLYCOLS

2017-11-13

Prior to November 2017, descriptor GLYCOLS was used for this concept

UF tetraphenylethylene glycol

**BT1 glycols*

NT1 polyethylene glycols

NT2 carbowax

NT2 pluronics

RT polyethylene terephthalate

ethylene polymers

USE polyethylenes

ETHYLENE PROPYLENE DIENE POLYMERS

INIS: 1992-09-25; ETDE: 1980-05-06

UF epdm

**BT1 elastomers*

RT rubbers

ethylenecarboxylic acid

USE acrylic acid

ethylenediaminetetraacetic acid

USE edta

ethylmercaptoaminobutyric acid

USE ethionine

ethylthioaminobutyric acid

USE ethionine

ethyne

USE acetylene

ethyrone

2000-04-12

(Prior to April 1994, this was a valid ETDE descriptor.)

USE organic sulfur compounds

USE radioprotective substances

ethyroneethyl phosphinate

2000-04-12

USE organic sulfur compounds

USE radioprotective substances

ETIOLOGY

Dealing with all causes of a disease or abnormal condition of an organism.

RT diseases

etioporphyrins

2000-04-12

(Prior to September 1994, this was a valid ETDE descriptor.)

USE porphyrins

ETR REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1981.

UF engineering test reactor

UF nrts-etr reactor

**BT1 enriched uranium reactors*

**BT1 isotope production reactors*

**BT1 research reactors*

**BT1 tank type reactors*

**BT1 test reactors*

**BT1 thermal reactors*

**BT1 water cooled reactors*

**BT1 water moderated reactors*

ETRC REACTOR

2000-04-12

*INEEL, Idaho Falls, Idaho, USA. Shut down in 1981.**UF engineering test reactor critical facility*

- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 test reactors
- *BT1 thermal reactors
- *BT1 zero power reactors

ETRR-1 REACTOR

INIS: 1990-08-24; ETDE: 1990-09-10

*Atomic Energy Authority, Cairo, Egypt.**UF egyptian testing research reactor-1*

- *BT1 research reactors
- *BT1 tank type reactors

ETRR-2 REACTOR

1999-09-24

*Atomic Energy Authority, Cairo, Egypt.**UF egyptian testing research reactor-2*

- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 thermal reactors

ettinghausen effect*USE ettingshausen effect***ETTINGSHAUSEN EFFECT**

2013-09-13

*Prior to September 2013 this descriptor was spelled ETTINGHAUSEN EFFECT.**UF ettinghausen effect*

- RT hall effect
- RT nernst effect
- RT righi-leduc effect

ettingshausen-nernst effect

2016-04-07

*USE nernst effect***EUCALYPTUSES**

INIS: 1978-01-13; ETDE: 1978-03-03

- *BT1 magnoliopsida
- *BT1 trees

euclidean quantum field theory

INIS: 1977-11-21; ETDE: 1978-03-08

- USE constructive field theory
- USE euclidean space

EUCLIDEAN SPACE*UF euclidean quantum field theory*

- *BT1 riemann space

eudialyte

INIS: 1997-01-28; ETDE: 1975-10-01

*(Until October 1996 this was a valid descriptor.)**USE silicate minerals***euflavine***USE acriflavine***EUGLENA**

- *BT1 euglenophycota
- *BT1 mastigophora
- *BT1 unicellular algae

EUGLENOPHYCOTA

INIS: 1991-12-13; ETDE: 1988-12-20

- BT1 plants
- NT1 euglena

EUMYCOTA

INIS: 1996-11-13; ETDE: 1988-12-20

(The UF terms below were valid ETDE descriptors till March1997.)

- UF claviceps
- UF pellicularia
- UF phycomyces
- UF thielavia
- *BT1 fungi
- NT1 aspergillus
- NT1 fusarium
- NT1 lichens
- NT1 mildew
- NT1 neurospora
- NT1 penicillium
- NT1 phanerochaete
- NT1 rhizopus
- NT1 trichoderma
- NT2 trichoderma viride
- NT1 ustilago
- NT1 yeasts
- NT2 candida
- NT2 saccharomyces
- NT3 saccharomyces cerevisiae
- NT2 torula

EUPHORBIA

INIS: 1997-06-17; ETDE: 1979-07-24

Latex bearing plants and possible source of hydrocarbons.

- UF chinese tallow tree
- *BT1 magnoliopsida
- NT1 castor
- NT1 milkweed
- NT1 rubber trees
- NT2 guayule
- NT2 hevea

EUPHRATES RIVER

2009-05-20

UF furat river

- *BT1 rivers
- RT iraq
- RT syria
- RT turkey

EURATOM*UF european atomic energy community*

- *BT1 european union
- RT europe

euvelios solar power plant

INIS: 2000-04-12; ETDE: 1986-02-21

*(Prior to September 1994, this was a valid ETDE descriptor.)**USE tower focus power plants***EUREX PROCESS**

- *BT1 reprocessing
- RT amines
- RT solvent extraction

EUROCHEMIC*RT reprocessing***eurocurrency**

INIS: 2000-04-12; ETDE: 1979-09-28

*USE euromarket***EURODIF**

INIS: 1975-11-11; ETDE: 1975-12-16

International association founded in march 1972 to promote the construction of a European gaseous diffusion plant.

- BT1 international organizations
- RT gaseous diffusion plants

eurodollars

INIS: 2000-04-12; ETDE: 1979-09-28

*USE euromarket***EUROMARKET**

INIS: 2000-04-12; ETDE: 1979-10-03

Money on deposit and available for lending at financial institutions outside the country of the money's origin; beyond the control of any nation, it is mostly in hands of world's largest banks and free from reserve requirements and other national regulations.

- UF eurocurrency
- UF eurodollars
- RT capital
- RT international cooperation
- RT investment

EUROPE

1995-04-03

- NT1 eastern europe
- NT2 albania
- NT2 belarus
- NT2 bosnia and herzegovina
- NT2 bulgaria
- NT2 croatia
- NT2 czech republic
- NT2 estonia
- NT2 hungary
- NT2 latvia
- NT2 lithuania
- NT2 moldova
- NT2 montenegro
- NT2 poland
- NT2 romania
- NT2 russian federation
- NT3 dubna
- NT3 kamchatka
- NT3 kurile islands
- NT3 lovozero
- NT3 novaya zemlya
- NT3 siberia
- NT2 serbia
- NT2 slovakia
- NT2 slovenia
- NT2 the former yugoslav republic of macedonia
- NT2 ukraine
- NT3 crimea
- NT1 western europe
- NT2 austria
- NT2 belgium
- NT2 federal republic of germany
- NT2 france
- NT3 reunion island
- NT2 greece
- NT2 holy see
- NT2 iceland
- NT2 ireland
- NT2 italy
- NT3 appennines
- NT3 sicily
- NT2 luxembourg
- NT2 malta
- NT2 monaco
- NT2 netherlands
- NT2 portugal
- NT3 azores islands
- NT2 san marino
- NT2 scandinavia
- NT3 denmark
- NT3 finland
- NT3 norway
- NT3 sweden
- NT2 spain
- NT3 canary islands
- NT2 switzerland
- NT2 united kingdom
- RT euratom
- RT european union

european atomic energy community

1999-07-08

USE euratom

european coal and steel community

USE ecsc

**european committee for
standardization**

INIS: 2004-07-16; ETDE: 2002-10-02

USE cen

european communities

1997-01-28

(Until December 1994 this was a valid
descriptor.)

USE european union

european economic community

USE internal market

european muon collaboration effect

INIS: 1993-11-08; ETDE: 1985-06-25

USE emc effect

european nuclear energy agency

1995-03-28

USE nea

**european organization for nuclear
research**

USE cern

**european safeguard research
development association**

INIS: 1993-11-08; ETDE: 1976-11-02

USE esarda

european space agency

INIS: 1982-04-13; ETDE: 1982-05-07

USE esa

**european space research
organization**

1995-10-27

USE esa

EUROPEAN SPALLATION SOURCE

2016-06-09

Lund, Sweden

UF ess

*BT1 spallation neutron source facilities

**EUROPEAN SYNCHROTRON
RADIATION FACILITY**

2000-09-08

Grenoble, France.

UF esrf

*BT1 synchrotron radiation sources

EUROPEAN UNION

INIS: 1995-04-03; ETDE: 1994-10-20

(Until December 1994 this concept was
indexed to EUROPEAN COMMUNITIES.)

UF european communities

BT1 international organizations

NT1 ecsc

NT1 euratom

NT1 internal market

RT europe

EUROPIUM

*BT1 rare earths

EUROPIUM 130

INIS: 2003-01-03; ETDE: 2002-12-26

*BT1 europium isotopes

*BT1 microseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

*BT1 rare earth nuclei

EUROPIUM 131

INIS: 2003-01-03; ETDE: 2002-12-26

*BT1 europium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 proton decay radioisotopes

*BT1 rare earth nuclei

EUROPIUM 132

2007-01-30

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

*BT1 rare earth nuclei

EUROPIUM 133

2007-01-30

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

EUROPIUM 134

INIS: 1989-10-27; ETDE: 1989-11-21

*BT1 beta-plus decay radioisotopes

*BT1 europium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

EUROPIUM 135

INIS: 1989-10-27; ETDE: 1989-11-21

*BT1 beta-plus decay radioisotopes

*BT1 europium isotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

EUROPIUM 136

INIS: 1986-04-02; ETDE: 1985-12-11

*BT1 beta-plus decay radioisotopes

*BT1 europium isotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

EUROPIUM 137

INIS: 1988-04-15; ETDE: 1984-08-20

*BT1 europium isotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

EUROPIUM 138

INIS: 1977-06-14; ETDE: 1977-10-20

*BT1 beta-plus decay radioisotopes

*BT1 europium isotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

EUROPIUM 139

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

EUROPIUM 140

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

EUROPIUM 141

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 isomeric transition isotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

EUROPIUM 142

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

EUROPIUM 143

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

EUROPIUM 144

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

EUROPIUM 145

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

EUROPIUM 146

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

EUROPIUM 147

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

EUROPIUM 148

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

EUROPIUM 149

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

EUROPIUM 150

*BT1 beta-minus decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 europium isotopes

*BT1 hours living radioisotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

*BT1 years living radioisotopes

EUROPIUM 151

- *BT1 europium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

EUROPIUM 151 TARGET

ETDE: 1976-07-09

- BT1 targets

EUROPIUM 152

- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 europium isotopes
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 years living radioisotopes

EUROPIUM 152 TARGET

INIS: 1977-11-21; ETDE: 1977-12-22

- BT1 targets

EUROPIUM 153

- *BT1 europium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

EUROPIUM 153 TARGET

ETDE: 1976-07-09

- BT1 targets

EUROPIUM 154

- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 europium isotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 years living radioisotopes

EUROPIUM 154 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08

- BT1 targets

EUROPIUM 155

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 years living radioisotopes

EUROPIUM 155 TARGET

INIS: 1979-12-20; ETDE: 1980-01-24

- BT1 targets

EUROPIUM 156

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 europium isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

EUROPIUM 157

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

EUROPIUM 158

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

EUROPIUM 159

- *BT1 beta-minus decay radioisotopes

- *BT1 europium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

EUROPIUM 160

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

EUROPIUM 161

INIS: 1986-10-29; ETDE: 1986-11-20

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

EUROPIUM 162

INIS: 1987-08-27; ETDE: 1987-10-02

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

EUROPIUM 163

2007-01-30

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

EUROPIUM 164

2007-01-30

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

EUROPIUM 165

2007-01-30

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

EUROPIUM 166

2007-01-30

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

EUROPIUM 167

2007-01-30

- *BT1 beta-minus decay radioisotopes
- *BT1 europium isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

EUROPIUM ADDITIONS

Alloys containing not more than 1% Eu are listed here.

- *BT1 europium alloys
- *BT1 rare earth additions

EUROPIUM ALLOYS

Alloys containing more than 1% Eu.

- *BT1 rare earth alloys
- NT1 europium additions
- NT1 europium base alloys

EUROPIUM ARSENIDES

INIS: 1989-09-14; ETDE: 1976-08-24

- *BT1 arsenides

- *BT1 europium compounds

EUROPIUM BASE ALLOYS

- *BT1 europium alloys

EUROPIUM BORIDES

- *BT1 borides
- *BT1 europium compounds

EUROPIUM BROMIDES

- *BT1 bromides
- *BT1 europium halides

EUROPIUM CARBIDES

- *BT1 carbides
- *BT1 europium compounds

EUROPIUM CARBONATES

- *BT1 carbonates
- *BT1 europium compounds

EUROPIUM CHLORIDES

- *BT1 chlorides
- *BT1 europium halides

EUROPIUM COMPLEXES

- *BT1 rare earth complexes

EUROPIUM COMPOUNDS

- BT1 rare earth compounds
- NT1 europium arsenides
- NT1 europium borides
- NT1 europium carbides
- NT1 europium carbonates
- NT1 europium halides
- NT2 europium bromides
- NT2 europium chlorides
- NT2 europium fluorides
- NT2 europium iodides
- NT1 europium hydrides
- NT1 europium hydroxides
- NT1 europium nitrates
- NT1 europium nitrides
- NT1 europium oxides
- NT1 europium perchlorates
- NT1 europium phosphates
- NT1 europium phosphides
- NT1 europium selenides
- NT1 europium silicates
- NT1 europium silicides
- NT1 europium sulfates
- NT1 europium sulfides
- NT1 europium tellurides

EUROPIUM FLUORIDES

- *BT1 europium halides
- *BT1 fluorides

EUROPIUM HALIDES

2012-07-19

- *BT1 europium compounds
- *BT1 halides
- NT1 europium bromides
- NT1 europium chlorides
- NT1 europium fluorides
- NT1 europium iodides

EUROPIUM HYDRIDES

- *BT1 europium compounds
- *BT1 hydrides

EUROPIUM HYDROXIDES

- *BT1 europium compounds
- *BT1 hydroxides

EUROPIUM IODIDES

- *BT1 europium halides
- *BT1 iodides

EUROPIUM IONS

- *BT1 ions

EUROPIUM ISOTOPES

- BT1 isotopes

NT1 europium 130
 NT1 europium 131
 NT1 europium 132
 NT1 europium 133
 NT1 europium 134
 NT1 europium 135
 NT1 europium 136
 NT1 europium 137
 NT1 europium 138
 NT1 europium 139
 NT1 europium 140
 NT1 europium 141
 NT1 europium 142
 NT1 europium 143
 NT1 europium 144
 NT1 europium 145
 NT1 europium 146
 NT1 europium 147
 NT1 europium 148
 NT1 europium 149
 NT1 europium 150
 NT1 europium 151
 NT1 europium 152
 NT1 europium 153
 NT1 europium 154
 NT1 europium 155
 NT1 europium 156
 NT1 europium 157
 NT1 europium 158
 NT1 europium 159
 NT1 europium 160
 NT1 europium 161
 NT1 europium 162
 NT1 europium 163
 NT1 europium 164
 NT1 europium 165
 NT1 europium 166
 NT1 europium 167

EUROPIUM NITRATES

*BT1 europium compounds
 *BT1 nitrates

EUROPIUM NITRIDES

*BT1 europium compounds
 *BT1 nitrides

EUROPIUM OXIDES

*BT1 europium compounds
 *BT1 oxides

EUROPIUM PERCHLORATES

INIS: 1991-09-16; ETDE: 1975-10-28

*BT1 europium compounds
 *BT1 perchlorates

EUROPIUM PHOSPHATES

INIS: 1975-10-23; ETDE: 1975-12-16

*BT1 europium compounds
 *BT1 phosphates

EUROPIUM PHOSPHIDES

INIS: 1983-10-14; ETDE: 1977-11-28

*BT1 europium compounds
 *BT1 phosphides

EUROPIUM SELENIDES

INIS: 1976-10-29; ETDE: 1975-09-11

*BT1 europium compounds
 *BT1 selenides

EUROPIUM SILICATES

*BT1 europium compounds
 *BT1 silicates

EUROPIUM SILICIDES

INIS: 1975-10-29; ETDE: 1975-12-16

*BT1 europium compounds
 *BT1 silicides

EUROPIUM SULFATES

*BT1 europium compounds

*BT1 sulfates

EUROPIUM SULFIDES

*BT1 europium compounds
 *BT1 sulfides

EUROPIUM TELLURIDES

INIS: 1976-05-05; ETDE: 1975-09-11

*BT1 europium compounds
 *BT1 tellurides

EUTECTICS

RT monotectics
 RT phase change materials
 RT phase diagrams
 RT phase transformations

EUTECTOIDS

RT monotectoids
 RT phase diagrams
 RT phase transformations

EUTERPE STORAGE RING

INIS: 1992-10-19; ETDE: 1992-11-04

Eindhoven University of Technology ring for protons and electrons.

BT1 storage rings

EUTROPHICATION

INIS: 1975-12-17; ETDE: 1976-08-24

RT algae
 RT aquatic ecosystems
 RT estuaries
 RT fertilizers
 RT lakes
 RT limnology
 RT nutrients
 RT water pollution

euxenite

2000-04-12

(Prior to September 1994, this was a valid

ETDE descriptor.)

USE uranium minerals

EV RANGE

BT1 energy range
 NT1 ev range 01-10
 NT1 ev range 10-100
 NT1 ev range 100-1000

EV RANGE 01-10

*BT1 ev range

EV RANGE 10-100

*BT1 ev range

EV RANGE 100-1000

*BT1 ev range

EVACUATED COLLECTORS

INIS: 2000-04-12; ETDE: 1978-03-08

*BT1 solar collectors
 NT1 evacuated tube collectors

EVACUATED TUBE COLLECTORS

INIS: 2000-04-12; ETDE: 1978-03-08

*BT1 evacuated collectors

EVACUATION

INIS: 1997-06-17; ETDE: 1983-03-23

An organized withdrawal of people from a place or area as a protective measure.

RT accidents
 RT civil defense
 RT emergency plans
 RT external zones
 RT mine rescue
 RT population relocation
 RT routing

EVALUATED DATA

INIS: 1978-10-20; ETDE: 1979-02-27

Use only in conjunction with literary indicator N for data flagging; refers to data gathered from other sources and may consist of a compilation of data which, however, has been evaluated and some judgement as to its accuracy or value is expressed or implied.

UF data compilation (evaluated)

*BT1 numerical data

RT nuclear data collections

evaluated nuclear data file

INIS: 1994-07-01; ETDE: 1983-03-23

USE nuclear data collections

EVALUATION

INIS: 1995-04-09; ETDE: 1976-06-07

Process of subjecting to critical judgement or interpretation.

NT1 comparative evaluations
 RT audits
 RT feasibility studies
 RT forecasting
 RT inspection
 RT quality assurance
 RT testing
 RT validation

EVANS BLUE

*BT1 azo dyes
 BT1 reagents
 *BT1 sulfonic acids

EVAPORATION

UF vaporization
 UF volatilization
 BT1 phase transformations
 NT1 flashing
 NT1 sublimation
 NT1 vacuum evaporation
 RT blowoff
 RT boiling
 RT dehydration
 RT distillation
 RT drying
 RT evaporative cooling
 RT evaporators
 RT flash heating
 RT interception
 RT spray drying
 RT throughfall
 RT transpiration
 RT vaporization heat
 RT vapors
 RT waste processing

EVAPORATION MODEL

UF nuclear evaporation
 *BT1 nuclear models
 NT1 weisskopf model
 RT compound-nucleus reactions
 RT nuclear fireball model
 RT nuclear temperature
 RT precompound-nucleus emission

EVAPORATIVE COOLING

INIS: 1976-09-06; ETDE: 1975-10-01

Cooling of a liquid by using the vaporization heat of part of the liquid or cooling air by evaporating water into it.

BT1 cooling
 RT cold storage
 RT cooling systems
 RT cooling towers
 RT evaporation

EVAPORATORS

NT1 solar stills
 RT counterflow systems
 RT crossflow systems

RT desalination
 RT distillation
 RT dryers
 RT evaporation
 RT heat exchangers
 RT vapor condensers

EVAPORITES

INIS: 1984-04-04; ETDE: 1981-07-06

*BT1 sedimentary rocks
 RT halite

EVEN-EVEN NUCLEI

1996-06-17

Even protons, even neutrons.

BT1 nuclei
 NT1 argon 30
 NT1 argon 32
 NT1 argon 34
 NT1 argon 36
 NT1 argon 38
 NT1 argon 40
 NT1 argon 42
 NT1 argon 44
 NT1 argon 46
 NT1 argon 48
 NT1 argon 50
 NT1 argon 52
 NT1 barium 114
 NT1 barium 116
 NT1 barium 118
 NT1 barium 120
 NT1 barium 122
 NT1 barium 124
 NT1 barium 126
 NT1 barium 128
 NT1 barium 130
 NT1 barium 132
 NT1 barium 134
 NT1 barium 136
 NT1 barium 138
 NT1 barium 140
 NT1 barium 142
 NT1 barium 144
 NT1 barium 146
 NT1 barium 148
 NT1 barium 150
 NT1 barium 152
 NT1 beryllium 10
 NT1 beryllium 12
 NT1 beryllium 14
 NT1 beryllium 16
 NT1 beryllium 6
 NT1 beryllium 8
 NT1 cadmium 100
 NT1 cadmium 102
 NT1 cadmium 104
 NT1 cadmium 106
 NT1 cadmium 108
 NT1 cadmium 110
 NT1 cadmium 112
 NT1 cadmium 114
 NT1 cadmium 116
 NT1 cadmium 118
 NT1 cadmium 120
 NT1 cadmium 122
 NT1 cadmium 124
 NT1 cadmium 126
 NT1 cadmium 128
 NT1 cadmium 130
 NT1 cadmium 132
 NT1 cadmium 96
 NT1 cadmium 98
 NT1 calcium 34
 NT1 calcium 36
 NT1 calcium 38
 NT1 calcium 40
 NT1 calcium 42
 NT1 calcium 44
 NT1 calcium 46
 NT1 calcium 48
 NT1 calcium 50
 NT1 calcium 52
 NT1 calcium 54
 NT1 calcium 56
 NT1 calcium 58
 NT1 calcium 60
 NT1 californium 236
 NT1 californium 238
 NT1 californium 240
 NT1 californium 242
 NT1 californium 244
 NT1 californium 246
 NT1 californium 248
 NT1 californium 250
 NT1 californium 252
 NT1 californium 254
 NT1 californium 256
 NT1 carbon 10
 NT1 carbon 12
 NT1 carbon 14
 NT1 carbon 16
 NT1 carbon 18
 NT1 carbon 20
 NT1 carbon 22
 NT1 carbon 8
 NT1 cerium 120
 NT1 cerium 122
 NT1 cerium 124
 NT1 cerium 126
 NT1 cerium 128
 NT1 cerium 130
 NT1 cerium 132
 NT1 cerium 134
 NT1 cerium 136
 NT1 cerium 138
 NT1 cerium 140
 NT1 cerium 142
 NT1 cerium 144
 NT1 cerium 146
 NT1 cerium 148
 NT1 cerium 150
 NT1 cerium 152
 NT1 cerium 154
 NT1 cerium 156
 NT1 chromium 42
 NT1 chromium 44
 NT1 chromium 46
 NT1 chromium 48
 NT1 chromium 50
 NT1 chromium 52
 NT1 chromium 54
 NT1 chromium 56
 NT1 chromium 58
 NT1 chromium 60
 NT1 chromium 62
 NT1 chromium 64
 NT1 chromium 66
 NT1 chromium 68
 NT1 copernicium 278
 NT1 copernicium 282
 NT1 copernicium 284
 NT1 curium 232
 NT1 curium 234
 NT1 curium 236
 NT1 curium 238
 NT1 curium 240
 NT1 curium 242
 NT1 curium 244
 NT1 curium 246
 NT1 curium 248
 NT1 curium 250
 NT1 curium 252
 NT1 darmstadtium 270
 NT1 darmstadtium 272
 NT1 dysprosium 138
 NT1 dysprosium 140
 NT1 dysprosium 142
 NT1 dysprosium 144

NT1 dysprosium 146
 NT1 dysprosium 148
 NT1 dysprosium 150
 NT1 dysprosium 152
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 NT1 dysprosium 166
 NT1 dysprosium 168
 NT1 dysprosium 170
 NT1 dysprosium 172
 NT1 element 124 312
 NT1 erbium 144
 NT1 erbium 146
 NT1 erbium 148
 NT1 erbium 150
 NT1 erbium 152
 NT1 erbium 154
 NT1 erbium 156
 NT1 erbium 158
 NT1 erbium 160
 NT1 erbium 162
 NT1 erbium 164
 NT1 erbium 166
 NT1 erbium 168
 NT1 erbium 170
 NT1 erbium 172
 NT1 erbium 174
 NT1 erbium 176
 NT1 fermium 242
 NT1 fermium 244
 NT1 fermium 246
 NT1 fermium 248
 NT1 fermium 250
 NT1 fermium 252
 NT1 fermium 254
 NT1 fermium 256
 NT1 fermium 258
 NT1 fermium 260
 NT1 fermium 264
 NT1 flerovium 286
 NT1 flerovium 288
 NT1 flerovium 292
 NT1 gadolinium 134
 NT1 gadolinium 136
 NT1 gadolinium 138
 NT1 gadolinium 140
 NT1 gadolinium 142
 NT1 gadolinium 144
 NT1 gadolinium 146
 NT1 gadolinium 148
 NT1 gadolinium 150
 NT1 gadolinium 152
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 NT1 gadolinium 162
 NT1 gadolinium 164
 NT1 gadolinium 166
 NT1 gadolinium 168
 NT1 germanium 58
 NT1 germanium 60
 NT1 germanium 62
 NT1 germanium 64
 NT1 germanium 66
 NT1 germanium 68
 NT1 germanium 70
 NT1 germanium 72
 NT1 germanium 74
 NT1 germanium 76
 NT1 germanium 78
 NT1 germanium 80
 NT1 germanium 82
 NT1 germanium 84
 NT1 germanium 86

NT1 germanium 88
 NT1 hafnium 154
 NT1 hafnium 156
 NT1 hafnium 158
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 NT1 hafnium 180
 NT1 hafnium 182
 NT1 hafnium 184
 NT1 hafnium 186
 NT1 hafnium 188
 NT1 hassium 264
 NT1 hassium 266
 NT1 hassium 270
 NT1 hassium 272
 NT1 hassium 274
 NT1 hassium 276
 NT1 helium 10
 NT1 helium 2
 NT1 helium 4
 NT2 helium i
 NT2 helium ii
 NT1 helium 6
 NT1 helium 8
 NT1 iron 46
 NT1 iron 48
 NT1 iron 50
 NT1 iron 52
 NT1 iron 54
 NT1 iron 56
 NT1 iron 58
 NT1 iron 60
 NT1 iron 62
 NT1 iron 64
 NT1 iron 66
 NT1 iron 68
 NT1 iron 70
 NT1 iron 72
 NT1 krypton 100
 NT1 krypton 70
 NT1 krypton 72
 NT1 krypton 74
 NT1 krypton 76
 NT1 krypton 78
 NT1 krypton 80
 NT1 krypton 82
 NT1 krypton 84
 NT1 krypton 86
 NT1 krypton 88
 NT1 krypton 90
 NT1 krypton 92
 NT1 krypton 94
 NT1 krypton 96
 NT1 krypton 98
 NT1 lead 178
 NT1 lead 180
 NT1 lead 182
 NT1 lead 184
 NT1 lead 186
 NT1 lead 188
 NT1 lead 190
 NT1 lead 192
 NT1 lead 194
 NT1 lead 196
 NT1 lead 198
 NT1 lead 200
 NT1 lead 202
 NT1 lead 204
 NT1 lead 206
 NT1 lead 208
 NT1 lead 210

NT1 lead 212
 NT1 lead 214
 NT1 lead 216
 NT1 livermorium 290
 NT1 livermorium 292
 NT1 magnesium 20
 NT1 magnesium 22
 NT1 magnesium 24
 NT1 magnesium 26
 NT1 magnesium 28
 NT1 magnesium 30
 NT1 magnesium 32
 NT1 magnesium 34
 NT1 magnesium 36
 NT1 magnesium 38
 NT1 magnesium 40
 NT1 mercury 172
 NT1 mercury 174
 NT1 mercury 176
 NT1 mercury 178
 NT1 mercury 180
 NT1 mercury 182
 NT1 mercury 184
 NT1 mercury 186
 NT1 mercury 188
 NT1 mercury 190
 NT1 mercury 192
 NT1 mercury 194
 NT1 mercury 196
 NT1 mercury 198
 NT1 mercury 200
 NT1 mercury 202
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 NT1 zirconium 98
 RT nuclear structure

EVEN-ODD NUCLEI

1998-01-27

Even protons, odd neutrons.

BT1 nuclei
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 NT1 argon 33
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 NT1 argon 37
 NT1 argon 39
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 NT1 argon 43
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 NT1 barium 151
 NT1 barium 153
 NT1 beryllium 11
 NT1 beryllium 13
 NT1 beryllium 15

NT1 beryllium 5
 NT1 beryllium 7
 NT1 beryllium 9
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 NT2 helium 3 b
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 NT1 tellurium 131
 NT1 tellurium 133
 NT1 tellurium 135
 NT1 tellurium 137
 NT1 tellurium 139
 NT1 tellurium 141
 NT1 thorium 209
 NT1 thorium 211
 NT1 thorium 213
 NT1 thorium 215
 NT1 thorium 217
 NT1 thorium 219
 NT1 thorium 221
 NT1 thorium 222
 NT1 thorium 223
 NT1 thorium 225
 NT1 thorium 227
 NT1 thorium 229
 NT1 thorium 231

NT1 thorium 233
 NT1 thorium 235
 NT1 thorium 237
 NT1 tin 101
 NT1 tin 103
 NT1 tin 105
 NT1 tin 107
 NT1 tin 109
 NT1 tin 111
 NT1 tin 113
 NT1 tin 115
 NT1 tin 117
 NT1 tin 119
 NT1 tin 121
 NT1 tin 123
 NT1 tin 125
 NT1 tin 127
 NT1 tin 129
 NT1 tin 131
 NT1 tin 133
 NT1 tin 135
 NT1 tin 137
 NT1 tin 99
 NT1 titanium 39
 NT1 titanium 41
 NT1 titanium 43
 NT1 titanium 45
 NT1 titanium 47
 NT1 titanium 49
 NT1 titanium 51
 NT1 titanium 53
 NT1 titanium 55
 NT1 titanium 57
 NT1 titanium 59
 NT1 titanium 61
 NT1 titanium 63
 NT1 tungsten 157
 NT1 tungsten 159
 NT1 tungsten 161
 NT1 tungsten 163
 NT1 tungsten 165
 NT1 tungsten 167
 NT1 tungsten 169
 NT1 tungsten 171
 NT1 tungsten 173
 NT1 tungsten 175
 NT1 tungsten 177
 NT1 tungsten 179
 NT1 tungsten 181
 NT1 tungsten 183
 NT1 tungsten 185
 NT1 tungsten 187
 NT1 tungsten 189
 NT1 tungsten 191
 NT1 uranium 217
 NT1 uranium 219
 NT1 uranium 221
 NT1 uranium 223
 NT1 uranium 225
 NT1 uranium 227
 NT1 uranium 229
 NT1 uranium 231
 NT1 uranium 233
 NT1 uranium 235
 NT1 uranium 237
 NT1 uranium 239
 NT1 uranium 241
 NT1 xenon 109
 NT1 xenon 111
 NT1 xenon 113
 NT1 xenon 115
 NT1 xenon 117
 NT1 xenon 119
 NT1 xenon 121
 NT1 xenon 123
 NT1 xenon 125
 NT1 xenon 127
 NT1 xenon 129
 NT1 xenon 131

NT1 xenon 133
 NT1 xenon 135
 NT1 xenon 137
 NT1 xenon 139
 NT1 xenon 141
 NT1 xenon 143
 NT1 xenon 145
 NT1 xenon 147
 NT1 ytterbium 149
 NT1 ytterbium 151
 NT1 ytterbium 153
 NT1 ytterbium 155
 NT1 ytterbium 157
 NT1 ytterbium 159
 NT1 ytterbium 161
 NT1 ytterbium 163
 NT1 ytterbium 165
 NT1 ytterbium 167
 NT1 ytterbium 169
 NT1 ytterbium 171
 NT1 ytterbium 173
 NT1 ytterbium 175
 NT1 ytterbium 177
 NT1 ytterbium 179
 NT1 ytterbium 181
 NT1 zinc 55
 NT1 zinc 57
 NT1 zinc 59
 NT1 zinc 61
 NT1 zinc 63
 NT1 zinc 65
 NT1 zinc 67
 NT1 zinc 69
 NT1 zinc 71
 NT1 zinc 73
 NT1 zinc 75
 NT1 zinc 77
 NT1 zinc 79
 NT1 zinc 81
 NT1 zinc 83
 NT1 zirconium 101
 NT1 zirconium 103
 NT1 zirconium 105
 NT1 zirconium 107
 NT1 zirconium 109
 NT1 zirconium 79
 NT1 zirconium 81
 NT1 zirconium 83
 NT1 zirconium 85
 NT1 zirconium 87
 NT1 zirconium 89
 NT1 zirconium 91
 NT1 zirconium 93
 NT1 zirconium 95
 NT1 zirconium 97
 NT1 zirconium 99
 RT nuclear structure

event tree analysis

USE failure mode analysis

events (chemical explosions)

ETDE: 2002-06-13

See also under CHEMICAL EXPLOSIONS the list of specific chemical explosion events.

USE chemical explosions

events (nuclear explosions)

ETDE: 2002-06-13

See also under NUCLEAR EXPLOSIONS the list of specific named nuclear events.

USE nuclear explosions

EVERGLADES NATIONAL PARK

INIS: 1992-06-04; ETDE: 1975-10-28

SF parks

BT1 public lands

RT florida

RT swamps

EVOLUTION

INIS: 2000-04-12; ETDE: 1978-02-14

A process of development, as from a simple to a complex form.

- NT1 biological evolution
- NT1 galactic evolution
- NT1 mathematical evolution
- NT1 solar system evolution
- NT1 star evolution
- NT2 r process
- NT2 s process
- NT2 star accretion

EVOLUTION EQUATIONS

2017-10-05

- *BT1 differential equations
- RT mathematical evolution
- RT time dependence

EVSr REACTOR

2000-04-12

Vallecitos, California, USA.

- UF vallecitos reactor
- *BT1 enriched uranium reactors
- *BT1 power reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

EWA REACTOR

Inst. of Nuclear Research, Swierk, Poland.

- UF swierk ewa reactor
- *BT1 isotope production reactors
- *BT1 research reactors
- *BT1 tank type reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

EWG-1 REACTOR

INIS: 2003-11-26; ETDE: 2003-12-03

National Nuclear Center of the Republic of Kazakhstan, Kurchatov city, East Kazakhstan.

- UF ewg-1m reactor
- UF iw-1m reactor
- UF kazakhstan ewg-1 reactor
- *BT1 beryllium moderated reactors
- *BT1 enriched uranium reactors
- *BT1 experimental reactors
- *BT1 gas cooled reactors
- *BT1 materials testing reactors
- *BT1 tank type reactors
- *BT1 thermal reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

ewg-1m reactor

INIS: 2003-11-26; ETDE: 2003-12-03

Kurchatov city, East Kazakhstan.

- USE ewg-1 reactor

EXACT SOLUTIONS

INIS: 2003-06-19; ETDE: 2003-07-29

- BT1 mathematical solutions
- RT functions
- RT mathematical models
- RT series expansion

EXAWATT POWER RANGE

INIS: 2003-08-15; ETDE: 2002-09-17

From 10 exp 18 to 10 exp 21 W.

- BT1 power range
- NT1 power range 01-10 ew
- NT1 power range 10-100 ew
- NT1 power range 100-1000 ew

EXCAVATION

- NT1 nuclear excavation
- RT cavities
- RT construction
- RT craters
- RT draglines
- RT dredging

- RT earthmoving equipment
- RT explosions
- RT mining
- RT nuclear explosions
- RT shaft excavations
- RT slope stability
- RT subterrene penetrators
- RT surface mining
- RT tunneling machines
- RT tunnels
- RT underground mining

excavators

INIS: 1983-06-30; ETDE: 1978-05-03

- USE earthmoving equipment

EXCEPTIONAL NATURAL DISASTER

INIS: 1999-02-24; ETDE: 2002-01-30

In the legal sense when so declared by the competent authority in relation to compensation for damages.

- UF disaster (exceptional natural)
- UF natural disaster (exceptional)
- BT1 natural disasters
- RT earthquakes
- RT floods
- RT liabilities
- RT victims compensation

EXCEPTIONS

INIS: 2000-04-12; ETDE: 1979-12-10

- SF exemptions
- BT1 administrative procedures

excess costs

INIS: 2000-04-12; ETDE: 1983-03-23

(Prior to April 1994, this was a valid ETDE descriptor.)

- USE cost

exchange (charge)

- USE charge exchange

exchange (electron)

- USE electron exchange

exchange (heat)

- USE heat transfer

exchange (ion)

- USE ion exchange

exchange (isotopic)

- USE isotopic exchange

EXCHANGE DEGENERACY

- RT regge poles

EXCHANGE INTERACTIONS

Not for chemical reactions.

- BT1 interactions
- RT cim model
- RT morrison rule
- RT quark-hadron interactions
- RT spin exchange

exchange models

- USE peripheral models

exchange rate

INIS: 1992-07-23; ETDE: 1984-09-21

- USE foreign exchange rate

EXCIMER LASERS

INIS: 1997-06-17; ETDE: 1984-05-08

Lasers whose lasing medium is a dimer that exists in the excited state and dissociates in the ground state.

- *BT1 gas lasers
- NT1 krypton chloride lasers
- NT1 krypton fluoride lasers

EXCISION REPAIR

1995-01-10

- *BT1 dna repair

EXCITATION

Addition of energy to a nuclear, atomic or molecular system transferring it to another energy state.

- UF core polarization (nuclei)
- BT1 energy-level transitions
- NT1 collective excitations
- NT1 coulomb excitation
- NT1 inner-shell excitation
- RT activation energy
- RT chemical activation
- RT de-excitation
- RT electron beam pumping
- RT excited states
- RT fission barrier
- RT optical pumping

EXCITATION FUNCTIONS

1999-05-19

(Prior to July 1996 GERJUOY-STEIN

THEORY was a valid ETDE descriptor.)

- SF gerjuoy-stein theory
- *BT1 differential cross sections
- BT1 functions
- RT energy dependence
- RT integral cross sections
- RT nuclear reactions
- RT total cross sections

EXCITATION SYSTEMS

INIS: 2000-04-12; ETDE: 1978-04-05

Equipment for providing field current for an a-c generator or similar device.

- UF exciters
- RT control equipment
- RT electric currents
- RT electric fields
- RT electric generators
- RT electrical equipment

EXCITED STATES

- BT1 energy levels
- NT1 metastable states
- NT1 rotational states
- NT1 rydberg states
- NT1 vibrational states
- RT excitation

exciters

INIS: 2000-04-12; ETDE: 1978-04-05

- USE excitation systems

EXCITON MODEL

INIS: 1982-01-13; ETDE: 1979-05-09

- *BT1 nuclear models

EXCITONS

- UF biexcitons
- BT1 quasi particles
- RT electron-hole droplets

exclusion principle

- USE pauli principle

exclusions (liability)

INIS: 1976-12-08; ETDE: 1994-08-10

- USE liability exclusions

EXCLUSIVE INTERACTIONS

The group of all interactions of two particles producing a specific final state but excluding the final-state particle itself.

- *BT1 particle interactions
- NT1 semi-exclusive interactions
- RT inclusive interactions

exclusive liability

INIS: 1990-12-15; ETDE: 2002-06-13
(Prior to December 1990, this was a valid descriptor.)
USE liabilities

EXCRETION

UF excretion analysis
BT1 clearance
NT1 exhalation
NT1 lung clearance
NT1 renal clearance
RT biological wastes
RT body fluids
RT feces
RT glands
RT glucuronide conjugates
RT glutathione conjugates
RT kidneys
RT large intestine
RT lavage
RT phagocytosis
RT physiology
RT radionuclide kinetics
RT retention
RT secretion
RT sweat
RT urinary tract
RT urine

excretion analysis

USE excretion
USE personnel monitoring

excretion functions

USE retention functions

EXCURSIONS

UF power excursions
UF runaway (reactor accident)
*BT1 reactor accidents
RT hazards
RT reactors

EXECUTIVE CODES

INIS: 1988-11-16; ETDE: 1983-08-25
A digital computer code that controls other codes, allocates storage to these codes and controls the servicing of peripheral devices.
UF monitor codes
UF operating systems (computer)
UF supervisor codes
BT1 computer codes
RT memory management
RT programming
RT task scheduling

EXECUTIVE ORDERS

INIS: 2000-04-12; ETDE: 1983-05-21
RT laws
RT legal aspects
RT regulations

exemptions

INIS: 2000-04-12; ETDE: 1980-11-25
SEE exceptions

EXERCISE

UF physical effort
UF swimming
RT biological fatigue
RT biological stress
RT muscles

EXERGY

INIS: 1980-02-26; ETDE: 1980-03-29
That portion of energy which is converted into the desired, economically utilizable form.
BT1 energy
RT thermodynamics

EXHALATION

*BT1 excretion
RT breath
RT lung clearance

exhaust gas recirculation systems

INIS: 1992-07-07; ETDE: 1976-01-07
USE exhaust recirculation systems

EXHAUST GASES

1991-10-24
SF emissions (industrial)
*BT1 gaseous wastes
*BT1 gases
RT afterburners
RT automobiles
RT catalytic converters
RT combustion products
RT emissions tax
RT emissions trading
RT exhaust recirculation systems
RT exhaust systems
RT federal test procedure
RT internal combustion engines

EXHAUST RECIRCULATION SYSTEMS

INIS: 1992-07-07; ETDE: 1976-01-07
UF egr systems
UF exhaust gas recirculation systems
BT1 exhaust systems
*BT1 pollution control equipment
RT air pollution control
RT automobiles
RT combustion
RT exhaust gases

EXHAUST SYSTEMS

INIS: 1983-03-15; ETDE: 1977-03-08
NT1 exhaust recirculation systems
RT afterburners
RT air pollution
RT chimneys
RT divertors
RT exhaust gases
RT ventilation

EXHIBITS

INIS: 1993-06-07; ETDE: 1979-05-31
RT educational facilities
RT educational tools

EXINITE

INIS: 2000-04-12; ETDE: 1987-07-24
UF liptinite
BT1 macerals

EXOELECTRON DOSEMETERS

*BT1 dosimeters

EXOELECTRONS

*BT1 electrons

EXONS

INIS: 1995-06-09; ETDE: 1995-05-05
RT dna
RT gene regulation
RT genes
RT introns
RT messenger-rna
RT splicing

EXOSKELETON

*BT1 skeleton
RT echinoderms

EXOSPHERE

BT1 earth atmosphere

exotic atoms

USE hadronic atoms

EXOTIC RESONANCES

Resonance states not accommodated by the naive quark model.
*BT1 resonance particles

EXPANSION

Increase in size or volume, not for the concept covered by *SERIES EXPANSION*.

NT1 plasma expansion
NT1 thermal expansion
RT augmentation
RT contraction
RT cosmological models
RT elongation
RT hubble effect
RT solar wind
RT swelling

EXPANSION CHAMBERS

*BT1 cloud chambers

EXPANSION JOINTS

INIS: 1975-10-09; ETDE: 1975-12-16
BT1 joints
RT bellows
RT contraction
RT pipe fittings
RT pipe joints
RT thermal expansion

EXPECTATION VALUE

RT eigenfunctions
RT eigenvalues
RT probability
RT quantum mechanics
RT statistics

EXPENDITURES

INIS: 1992-04-09; ETDE: 1981-07-06
UF federal expenditures
UF government spending
UF spending
RT budgets
RT capital
RT cost
RT economics
RT financing

experience critique orgel

USE eco reactor

EXPERIMENT DESIGN

2015-11-26
Procedure and conditions for testing a hypothesis in experimental physics
RT experiment planning
RT experiment results

EXPERIMENT PLANNING

INIS: 1985-12-10; ETDE: 1975-09-11
BT1 planning
RT demonstration programs
RT experiment design
RT experiment results
RT research programs

EXPERIMENT RESULTS

2015-11-26
Use when important experimental results are discussed
RT experiment design
RT experiment planning

experimental advanced superconducting tokamak

2006-07-25
USE ht-7u tokamak

experimental beryllium oxide reactor

1993-11-08
USE ebor reactor

experimental boiling water reactor

2000-04-12

USE ebwr reactor

experimental breeder reactor-1

2000-04-12

USE ebr-1 reactor

experimental breeder reactor-2

2000-04-12

USE ebr-2 reactor

EXPERIMENTAL CHANNELS

UF irradiation channels

*BT1 reactor channels

*BT1 reactor experimental facilities

RT in pile loops

RT irradiation capsules

EXPERIMENTAL DATA

INIS: 1978-10-20; ETDE: 1979-02-27

Use only in conjunction with literary indicator

N for data flagging.

*BT1 numerical data

RT benchmarks

experimental facilities (accelerator)

1993-11-08

experimental facilities (reactor)

INIS: 2000-04-12; ETDE: 1977-03-04

USE reactor experimental facilities

experimental gas cooled reactor

2000-04-12

USE egcr reactor

experimental graphite reactor

INIS: 2003-11-26; ETDE: 2003-12-03

Kurchatov city, East Kazakhstan.

USE igr reactor

EXPERIMENTAL NEOPLASMS

1999-07-08

UF jensen sarcoma

UF walker carcinoma

UF yoshida sarcoma

*BT1 neoplasms

NT1 ehrlich ascites tumor

RT leukemia viruses

experimental organic cooled reactor

2000-04-12

USE eocr reactor

experimental propulsion test reactor

1993-11-08

SEE tory-2a reactor

SEE tory-2c reactor

EXPERIMENTAL REACTORS

1998-01-29

For engineering testing of reactor components
such as fuel elements, cooling systems, etc.

UF br-3-vn reactor

UF lcre reactor

UF lithium cooled reactor experiment

*BT1 research and test reactors

NT1 aps reactor

NT1 arbus reactor

NT1 atrc reactor

NT1 bilibin reactor

NT1 bor-60 reactor

NT1 borax-1 reactor

NT1 borax-2 reactor

NT1 borax-3 reactor

NT1 borax-4 reactor

NT1 brest-od-300 reactor

NT1 cefr reactor

NT1 cesar reactor

NT1 dfr reactor

NT1 dragon reactor

NT1 ebr-1 reactor

NT1 ebr-2 reactor

NT1 ebwr reactor

NT1 egcr reactor

NT1 el-1 reactor

NT1 eocr reactor

NT1 esada-vesr reactor

NT1 ewg-1 reactor

NT1 gcre reactor

NT1 hbwr reactor

NT1 hdr reactor

NT1 hre-2 reactor

NT1 htr-10 reactor

NT1 httr reactor

NT1 igr reactor

NT1 ir-100 reactor

NT1 joyo reactor

NT1 jpdr reactor

NT1 jules horowitz reactor

NT1 kiwi-tnt reactor

NT1 knk-2 reactor

NT1 knk reactor

NT1 lampre-1 reactor

NT1 mh-1a reactor

NT1 mir reactor

NT1 msre reactor

NT1 nrx-a1 reactor

NT1 nrx-a2 reactor

NT1 nrx-a3 reactor

NT1 nrx-a4-est reactor

NT1 nrx-a5 reactor

NT1 nrx-a6 reactor

NT1 nrx-a7 reactor

NT1 omre reactor

NT1 opal reactor

NT1 rover reactors

NT1 sefor reactor

NT1 spert-1 reactor

NT1 spert-2 reactor

NT1 spert-3 reactor

NT1 spert-4 reactor

NT1 sre reactor

NT1 subcritical assemblies

NT2 accelerator-driven subcritical
systemsNT3 accelerator-driven transmutation
facilities

NT3 brahma facility

NT3 myrrha facility

NT3 venus reactor

NT3 yalina facility

NT2 delphi reactor

NT2 entc lwsr reactor

NT2 jordan subcritical assembly

NT2 nuclear chicago reactor

NT2 pse reactor

NT2 sm-1 subcritical assembly

NT2 stsf assembly

NT2 venus-1 reactor

NT1 topaz reactor

NT1 tory-2a reactor

NT1 tory-2c reactor

NT1 treat reactor

NT1 tz1 reactor

NT1 tz2 reactor

NT1 uhtrex reactor

NT1 venus reactor

NT1 vht reactor

NT1 xe-2 reactor

NT1 xe-prime reactor

NT1 xma-1 reactor

NT1 zero power reactors

NT2 agata reactor

NT2 agn-201k reactor

NT2 akr-1 reactor

NT2 anex reactor

NT2 anna reactor

NT2 apfa-3 reactor

NT2 aquilon reactor

NT2 bfs reactor

NT2 big ten reactor

NT2 cfmf reactor

NT2 cml reactor

NT2 coral-1 reactor

NT2 crocus reactor

NT2 dca reactor

NT2 dimple reactor

NT2 ecel reactor

NT2 entc lwsr reactor

NT2 ermine reactor

NT2 etrc reactor

NT2 fca reactor

NT2 flattop reactor

NT2 fr-0 reactor

NT2 giacint reactor

NT2 godiva reactor

NT2 hero reactor

NT2 hitrex-1 reactor

NT2 horace reactor

NT2 hwzpr reactor

NT2 iea-zpr reactor

NT2 ifr reactor

NT2 ipen-mb-1 reactor

NT2 jezebel reactor

NT2 junco reactor

NT2 kahter reactor

NT2 kbr-1 reactor

NT2 kritz reactor

NT2 kuca reactor

NT2 lptf reactor

NT2 lr-0 reactor

NT2 lvr-15 reactor

NT2 marius reactor

NT2 maryla reactor

NT2 masurca reactor

NT2 minerve reactor

NT2 neptune reactor

NT2 nsf-rfp reactor

NT2 or-cef reactor

NT2 orml-pca reactor

NT2 parka reactor

NT2 pdp reactor

NT2 peggy reactor

NT2 pelinduna reactor

NT2 plasma core assembly

NT2 prcf reactor

NT2 ptf-unc reactor

NT2 pumima-2 reactor

NT2 pumima reactor

NT2 r-b reactor

NT2 ra-0 reactor

NT2 ra-2 reactor

NT2 ra-8 reactor

NT2 rake-2 reactor

NT2 rb-1 reactor

NT2 rb-3 reactor

NT2 rensseleer critical facility

NT2 ritmo reactor

NT2 rospo reactor

NT2 rp-0 reactor

NT2 saref reactor

NT2 shca reactor

NT2 silene reactor

NT2 siloette reactor

NT2 sm-1 subcritical assembly

NT2 sneak reactor

NT2 split table reactor

NT2 sr-0a reactor

NT2 stacy reactor

NT2 tca reactor

NT2 tnrc reactor

NT2 tr-0 reactor

NT2 tracy reactor

NT2 vera reactor

NT2 wwr-k cf reactor

NT2 zebra reactor

NT2 zeep reactor

NT2 zenith reactor

NT2 zephyr reactor
 NT2 zerlina reactor
 NT2 zlfr reactor
 NT2 zppr reactor
 NT2 zpr-3 reactor
 NT2 zpr-6 reactor
 NT2 zpr-9 reactor
 NT2 zpr reactor
 NT2 zr-6 reactor
 NT1 zrr reactor

experimental very high temperature gas cooled reactor

INIS: 1978-01-16; ETDE: 2002-06-13

USE vhttr reactor

EXPERT SYSTEMS

INIS: 1986-09-26; ETDE: 1985-09-24

Computer programs comprising a knowledge-based component, constructed from an expert skill, operating in such a way that the system can offer intelligent advice or make an intelligent decision about a processing function.

RT artificial intelligence
 RT data processing
 RT knowledge base
 RT machine translations
 RT neural networks
 RT programming

EXPLODING WIRES

BT1 wires
 RT detonators

exploitation

2000-03-27

SEE resource exploitation

EXPLORATION

NT1 geothermal exploration
 RT aerial prospecting
 RT electrical surveys
 RT exploratory wells
 RT geochemical surveys
 RT geologic surveys
 RT geophysical surveys
 RT landsat satellites
 RT magnetic surveys
 RT petroleum geology
 RT prospecting
 RT radiometric surveys
 RT remote sensing
 RT resource potential

EXPLORATORY WELLS

INIS: 1992-07-08; ETDE: 1979-01-30

UF test wells
 BT1 wells
 RT boreholes
 RT exploration
 RT geothermal exploration
 RT geothermal wells
 RT natural gas wells
 RT oil wells
 RT well drilling

EXPLORER SATELLITES

BT1 satellites

EXPLOSION WELDING

*BT1 welding

EXPLOSIONS

(From February 1975 until March 1996 DETONATIONS was a valid ETDE descriptor.)

UF blasts
 UF detonations
 NT1 atmospheric explosions
 NT2 ranger project

NT2 trinity event
 NT1 chemical explosions
 NT1 cratering explosions
 NT2 sedan event
 NT1 nuclear explosions
 NT2 anvil project
 NT2 arbor project
 NT2 bedrock project
 NT2 castle project
 NT2 crossroads project
 NT2 crosstie operation
 NT3 gasbuggy event
 NT2 dominic project
 NT2 greenhouse project
 NT2 grommet operation
 NT2 hardtack project
 NT2 latchkey operation
 NT2 mandrel operation
 NT2 nougat operation
 NT2 plumbbob project
 NT2 praetorian project
 NT2 ranger project
 NT2 sandstone project
 NT2 sun beam operation
 NT2 thermonuclear explosions
 NT2 toggle operation
 NT3 rio blanco event
 NT2 trinity event
 NT2 whetstone operation
 NT1 surface explosions
 NT1 underground explosions
 NT2 arbor project
 NT2 contained explosions
 NT2 crosstie operation
 NT3 gasbuggy event
 NT2 grommet operation
 NT2 latchkey operation
 NT2 mandrel operation
 NT2 nougat operation
 NT2 sun beam operation
 NT2 toggle operation
 NT3 rio blanco event
 NT2 whetstone operation
 NT1 underwater explosions
 NT1 vapor explosions
 RT accidents
 RT blast effects
 RT combustion waves
 RT detonation waves
 RT detonators
 RT excavation
 RT fires
 RT implosions
 RT molten metal-water reactions
 RT natural disasters
 RT overpressure
 RT seismic events
 RT shock waves
 RT spontaneous combustion

EXPLOSIVE FORMING

*BT1 materials working

EXPLOSIVE FRACTURING

INIS: 1995-09-08; ETDE: 1976-04-19

UF blasting
 UF shotfiring
 UF solfrac process
 BT1 fracturing
 RT chemical explosions
 RT fractures
 RT mining
 RT nuclear explosions
 RT underground explosions

EXPLOSIVE INSTABILITY

*BT1 plasma instability

EXPLOSIVE STIMULATION

The use of chemical-or nuclear-explosive fracturing to increase reservoir production.

UF stimulation (explosive)
 UF well shooting
 *BT1 well stimulation
 RT chemical explosions
 RT chimneys
 RT enhanced recovery
 RT nuclear explosions
 RT oil shales
 RT underground explosions

explosively-driven mhd generators

INIS: 2000-04-12; ETDE: 1977-05-07

USE pulsed mhd generators

EXPLOSIVES

(From January 1975 till March 1997 PROPELLANTS was a valid ETDE descriptor.)

SF propellants
 NT1 chemical explosives
 NT2 dynamite
 NT2 nitrocellulose
 NT2 nitroglycerin
 NT2 nitromethane
 NT2 petn
 NT2 picric acid
 NT2 tatb
 NT2 tetryl
 NT2 tnt
 NT1 nuclear explosives
 RT ammunition
 RT guns

exponential piles

USE subcritical assemblies

EXPORTS

INIS: 1991-12-10; ETDE: 1978-07-05

BT1 trade
 RT domestic supplies
 RT foreign policy
 RT imports
 RT sales
 RT tariffs

exposure (radiation doses)

USE radiation doses

EXPOSURE CHAMBERS

INIS: 1978-09-28; ETDE: 1977-10-20

UF atmospheric exposure chambers
 UF environmental exposure chambers
 UF inhalation exposure chambers
 RT controlled atmospheres

EXPOSURE RATEMETERS

UF ratemeters (exposure)
 *BT1 radiation monitors
 RT counting ratemeters
 RT radiation monitoring

EXTENDED PARTICLE MODEL

*BT1 particle models
 NT1 bag model
 NT1 string models
 NT2 superstring models
 RT solitons

EXTENSIVE AIR SHOWERS

*BT1 cosmic showers
 RT centauro-type events

EXTENSOMETERS

RT dilatometry
 RT strain gages

EXTERNAL BEAM RADIATION THERAPY

2013-02-28

*BT1 radiotherapy

EXTERNAL CONVERSION

BT1 conversion

RT energy levels

EXTERNAL COST

2004-09-03

Cost of a product or operation not included in the balance sheet but borne by society as a whole, such as health effects of environmental pollution.

UF externalities

SF societal costs

BT1 cost

RT cost benefit analysis

RT life-cycle cost

EXTERNAL IRRADIATION

BT1 irradiation

NT1 extracorporeal irradiation

NT1 partial body irradiation

NT1 whole-body irradiation

RT irradiation devices

RT irradiation plants

RT irradiation procedures

RT local fallout

RT local irradiation

RT personnel dosimetry

RT radiation protection

RT radioactive clouds

RT shielding

external magnetic fields

INIS: 1976-01-28; ETDE: 2002-06-13

USE magnetic fields

EXTERNAL RECEIVERS

INIS: 2000-04-12; ETDE: 1982-02-08

Solar receivers with absorbers on the outside surface.

BT1 solar receivers

EXTERNAL ZONES

INIS: 1984-05-28; ETDE: 1984-06-14

Areas immediately surrounding nuclear facility sites in which population distribution and density, and land and water uses, are considered with respect to the possibility of implementing emergency measures.

RT emergency plans

RT evacuation

RT land use

RT nuclear facilities

RT population relocation

RT reactor sites

RT routing

RT site selection

RT water use

externalities

2004-09-03

USE external cost

extinguishment

INIS: 2000-04-12; ETDE: 1976-01-26

USE inhibition

EXTRACELLULAR SPACE

1999-10-11

BT1 space

RT compartments

RT edema

EXTRACORPOREAL IRRADIATION

In vivo irradiation of organ, tissue or body fluid while outside the body.

*BT1 external irradiation

RT blood

EXTRACTION

1993-08-02

BT1 separation processes

NT1 deasphalting

NT1 reductive extraction

NT1 solvent extraction

NT2 phenosolvan process

NT2 supercritical gas extraction

extraction (beam)

USE beam extraction

extraction (heat)

INIS: 2000-04-12; ETDE: 1975-08-19

USE heat extraction

extraction (solvent)

USE solvent extraction

EXTRACTION APPARATUSES

UF centrifugal contactors

*BT1 separation equipment

NT1 extraction columns

NT1 mist extractors

NT1 mixer-settlers

NT1 podbielniak contactors

RT coolant cleanup systems

RT entrainment

RT laboratory equipment

RT solvent extraction

EXTRACTION**CHROMATOGRAPHY**

*BT1 chromatography

EXTRACTION COLUMNS

UF cascade (extraction)

UF chromatographic columns

UF columns (extraction)

UF pulse columns

UF towers (extraction)

*BT1 extraction apparatuses

RT column packing

EXTRACTIVE METALLURGY

BT1 metallurgy

NT1 hydrometallurgy

NT1 pyrometallurgy

NT2 chloride volatility process

NT2 fluoride volatility process

RT electrometallurgy

RT refining

extrahigh voltage ac systems

INIS: 1993-01-18; ETDE: 2002-06-13

USE ehv ac systems

extrahigh voltage alternating current systems

INIS: 2000-04-12; ETDE: 1976-05-17

USE ehv ac systems

extrahigh voltage dc systems

INIS: 1992-03-09; ETDE: 2002-06-13

USE ehv dc systems

extrahigh voltage direct current systems

INIS: 2000-04-12; ETDE: 1976-05-17

USE ehv dc systems

EXTRAP-T2 DEVICE

INIS: 1999-07-26; ETDE: 1999-09-03

External Ring Trap, Royal Institute of Technology, Sweden.

*BT1 reversed-field pinch devices

EXTRAPOLATION

*BT1 numerical solution

RT extrapolation length

RT interpolation

RT mathematics

EXTRAPOLATION CHAMBERS

*BT1 dosimeters

*BT1 ionization chambers

EXTRAPOLATION LENGTH

1999-07-20

*BT1 length

RT extrapolation

RT neutron transport theory

EXTREME ULTRAVIOLET RADIATION

Wavelength range 400-100 Å.

UF xuv

*BT1 ultraviolet radiation

RT extreme ultraviolet spectra

EXTREME ULTRAVIOLET SPECTRA

INIS: 1989-09-14; ETDE: 1986-11-20

*BT1 ultraviolet spectra

RT absorption spectroscopy

RT electronic structure

RT extreme ultraviolet radiation

RT structural chemical analysis

EXTREME-VALUE PROBLEMS

INIS: 1976-10-07; ETDE: 1976-11-01

RT mathematics

extremely high frequency radiation

1993-11-08

USE microwave radiation

EXTRUSION

*BT1 materials working

NT1 coextrusion

RT cold working

RT dies

RT hot working

RT presses

RT pressing

exxon donor solvent liquefaction

INIS: 2000-04-12; ETDE: 1980-10-27

USE exxon liquefaction process

EXXON FUEL FABRICATION FACILITY

*BT1 fuel fabrication plants

EXXON GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1976-09-14

Coal is reacted with steam in a fluidized-bed gasifier at 1500-1700 degrees F. To provide the necessary heat, a stream of circulating char is withdrawn from the gasifier and partially burned with air in a char heater to raise its temperature. The heated char is returned to the gasifier after separation from the flue gas. The product gas is a medium-btu gas suitable for methanation to sng.

*BT1 coal gasification

RT sng processes

EXXON LIQUEFACTION PROCESS

INIS: 2000-04-12; ETDE: 1976-09-14

Crushed coal is slurried with a recycle solvent, preheated to about 800 degrees F, and then pumped into the liquefaction reactor operating at about 2,000 P.S.I. Preheated hydrogen is also added to the reactor. The product from the liquefaction reactor is sent to the separation step where gas, naphtha, recycle solvent, distillate, and heavy bottoms are separated by distillation.

UF eds liquefaction

UF exxon donor solvent liquefaction

*BT1 coal liquefaction

exxon nuclear facility

INIS: 2000-04-12; ETDE: 1980-04-14

SEE nuclear fuel recovery and recycling center

exxon recovery and recycle plant

INIS: 1990-12-15; ETDE: 1984-05-09

(Prior to December 1990, this was a valid descriptor.)

USE nuclear fuel recovery and recycling center

eye cataracts

USE cataracts

EYES

UF aqueous humor

UF sclera

*BT1 face

*BT1 sense organs

NT1 conjunctiva

NT1 cornea

NT1 crystalline lens

NT1 lacrimal ducts

NT1 retina

NT1 uvea

RT ophthalmology

RT vision

ezeiza argentine ra-3 reactor

USE ra-3 reactor

ezeiza argentine ra-4 reactor

INIS: 2002-08-13; ETDE: 2002-06-16

USE ra-4 reactor

F-1 REACTOR

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 graphite moderated reactors

*BT1 natural uranium reactors

*BT1 research reactors

f-1260 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE f2-1270 mesons

f-1514 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE f2 prime-1525 mesons

f-1540 resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE mesons

f-2030 resonances

INIS: 1985-01-17; ETDE: 1978-09-11

(This was a valid ETDE descriptor prior to January 1985.)

USE d s mesons

F CENTERS

*BT1 color centers

F-CHART

INIS: 2000-04-12; ETDE: 1979-10-23

Performance measure used to determine fraction of total heating load provided by a particular solar collector.

RT performance

RT solar collectors

RT solar heating systems

RT solar water heaters

F CODES

BT1 computer codes

f mesons

INIS: 1987-12-21; ETDE: 1985-02-07

(Prior to December 1987 this was a valid descriptor.)

USE d s mesons

F REGION

*BT1 ionosphere

NT1 f1 layer

NT1 f2 layer

NT1 spread f

RT ionospheric storms

F STATES

BT1 energy levels

F WAVES

BT1 partial waves

RT angular momentum

RT quantum mechanics

f*resonances

INIS: 1987-12-21; ETDE: 1978-09-11

(Prior to December 1987 this was a valid descriptor.)

USE d*s-2110 mesons

F0-1240 MESONS

INIS: 1987-12-21; ETDE: 1988-01-28

*BT1 scalar mesons

F0-1300 MESONS

INIS: 1987-12-21; ETDE: 1988-01-29

*BT1 scalar mesons

F0-1590 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

*BT1 scalar mesons

F0-1730 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

*BT1 scalar mesons

f0-975 mesons

INIS: 1995-08-07; ETDE: 1988-01-25

(From December 1987 until July 1995 this was a valid term.)

USE f0-980 mesons

F0-980 MESONS

1995-08-07

(Until December 1987 this concept was indexed by S-993 RESONANCES; from then until July 1995 it was indexed by F0-975 MESONS.)

UF f0-975 mesons

UF s-993 resonances

*BT1 scalar mesons

F1-1285 MESONS

INIS: 1987-12-21; ETDE: 1988-01-29

(Prior to December 1987 this concept was indexed by D-1285 RESONANCES.)

UF d-1285 resonances

*BT1 axial vector mesons

F1-1420 MESONS

INIS: 1987-12-21; ETDE: 1988-01-29

(Prior to December 1987 this concept was indexed by E-1422 RESONANCES.)

UF e-1422 resonances

*BT1 axial vector mesons

F1-1510 MESONS

1995-08-07

(Until July 1995 this concept was indexed by F1-1530 MESONS.)

UF f1-1530 mesons

*BT1 axial vector mesons

f1-1530 mesons

INIS: 1995-08-07; ETDE: 1988-02-01

(Until July 1995 this was a valid term.)

USE f1-1510 mesons

F1 LAYER

*BT1 f region

F2-1270 MESONS

INIS: 1987-12-21; ETDE: 1988-01-28

(Prior to December 1987 this concept was indexed by F-1260 RESONANCES.)

UF f-1260 resonances

*BT1 tensor mesons

f2-1410 mesons

INIS: 1995-08-07; ETDE: 1988-01-29

(Until July 1995 this was a valid term.)

USE f2-1430 mesons

F2-1430 MESONS

1995-08-07

(Until July 1995 this concept was indexed by F2-1410 MESONS.)

UF f2-1410 mesons

*BT1 tensor mesons

f2-1525 mesons

INIS: 1995-08-07; ETDE: 1988-02-01

(From December 1987 until July 1995 this was a valid term.)

USE f2 prime-1525 mesons

F2-1720 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by THETA-1690 RESONANCES.)

UF theta-1640 resonances

UF theta-1690 resonances

*BT1 tensor mesons

F2-1810 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

*BT1 tensor mesons

F2-2010 MESONS

1995-07-17

*BT1 tensor mesons

F2-2300 MESONS

1995-07-17

*BT1 tensor mesons

F2-2340 MESONS

1995-07-17

*BT1 tensor mesons

F2 LAYER

*BT1 f region

F2 PRIME-1525 MESONS

1995-08-07

(Until December 1987 this concept was indexed by F-1514 RESONANCES; from then until July 1995 it was indexed to F2-1525 MESONS.)

UF f-1514 resonances

UF f2-1525 mesons

*BT1 strangeonium

*BT1 tensor mesons

f4-2030 mesons

INIS: 1995-08-07; ETDE: 1988-02-01

(From December 1987 until July 1995 this was a valid term.)

USE f4-2050 mesons

F4-2050 MESONS

1995-08-07

(Until December 1987 this concept was indexed by H-2050 RESONANCES; from then until July 1995 it was indexed by F4-2030 MESONS.)

UF *f4-2030 mesons*UF *h-2050 resonances*

*BT1 tensor mesons

F4-2300 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by U-2375 RESONANCES.)

UF *u-2375 resonances*

*BT1 tensor mesons

F6-2510 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by R-2510 RESONANCES.)

UF *r-2510 resonances*

*BT1 tensor mesons

FABRIC FILTERS

INIS: 1992-03-27; ETDE: 1978-10-23

BT1 filters

RT baghouses

RT dust collectors

RT pollution control equipment

FABRICATION

Limited to the concepts of shaping and manufacturing, use of a more specific term is recommended; for large scale building see CONSTRUCTION.

UF *building (manufacturing)*

NT1 casting

NT2 electroslog casting

NT2 slip casting

NT2 vacuum casting

NT1 compacting

NT1 granulation

NT1 joining

NT2 bonding

NT2 fastening

NT2 welding

NT3 arc welding

NT4 gas metal-arc welding

NT5 gas tungsten-arc welding

NT4 plasma arc welding

NT4 shielded metal-arc welding

NT4 submerged arc welding

NT3 brazing

NT3 diffusion welding

NT3 electron beam welding

NT3 electroslog welding

NT3 explosion welding

NT3 forge welding

NT3 friction welding

NT3 gas welding

NT3 induction welding

NT3 laser welding

NT3 magnetic force welding

NT3 resistance welding

NT4 flash welding

NT3 soldering

NT3 ultrasonic welding

NT3 vacuum welding

NT1 materials working

NT2 canning

NT2 cold working

NT3 shot peening

NT2 drawing

NT2 explosive forming

NT2 extrusion

NT3 coextrusion

NT2 forging

NT2 hot working

NT2 magnetic forming

NT2 pressing

NT3 cold pressing

NT3 hot pressing

NT2 rolling

NT2 swaging

NT2 thermomechanical treatments

NT1 molding

NT2 briquetting

NT2 pelletizing

NT1 sintering

RT computer-aided manufacturing

RT fuel fabrication plants

RT manufacturing

RT modular structures

RT production

FABRY-PEROT INTERFEROMETER

*BT1 interferometers

FACE

*BT1 head

NT1 eyes

NT2 conjunctiva

NT2 cornea

NT2 crystalline lens

NT2 lacrimal ducts

NT2 retina

NT2 uvea

NT1 nose

RT oral cavity

RT respirators

RT sinuses

face centered cubic

USE fcc lattices

facilities (accelerator)

INIS: 2000-04-12; ETDE: 1981-01-09

facilities (educational)

INIS: 2000-04-12; ETDE: 1981-01-09

USE educational facilities

facilities (energy)

INIS: 1994-10-13; ETDE: 1981-01-09

USE energy facilities

facilities (maintenance)

INIS: 2000-04-12; ETDE: 1981-06-13

USE maintenance facilities

facilities (military)

INIS: 2000-04-12; ETDE: 1981-01-09

USE military facilities

facilities (nuclear)

INIS: 2000-04-12; ETDE: 1981-01-09

USE nuclear facilities

facilities (resource recovery)

INIS: 1992-07-09; ETDE: 1981-01-09

USE resource recovery facilities

facilities (sport)

2004-09-17

USE sport facilities

facilities (storage)

INIS: 2000-04-12; ETDE: 1981-01-09

USE storage facilities

facilities (terminal)

INIS: 2000-04-12; ETDE: 1981-01-09

USE terminal facilities

facilities (test)

INIS: 1986-05-26; ETDE: 1981-01-09

USE test facilities

facilities (underground)

INIS: 1986-07-09; ETDE: 2002-06-13

USE underground facilities

facilities (underwater)

INIS: 2000-04-12; ETDE: 1981-01-09

USE underwater facilities

FACOM COMPUTERS

INIS: 1985-11-16; ETDE: 1990-10-09

BT1 computers

FACTORIZATION

RT mathematics

FACULAE

*BT1 solar activity

RT photosphere

RT plages

FADDEEV EQUATIONS

BT1 equations

RT lippmann-schwinger equation

RT multiple scattering

RT three-body problem

FAEROE ISLANDSUF *faroe islands*

BT1 islands

RT atlantic ocean

RT denmark

FAILED ELEMENT DETECTIONUF *burst can detection*UF *burst slug detection*UF *detection (failed element)*UF *fedal*

BT1 detection

RT failed element monitors

RT fuel cans

RT fuel element failure

RT fuel elements

RT fuel motion detection

FAILED ELEMENT MONITORSUF *burst can monitors*UF *burst slug monitors*UF *monitors (failed elements)*

*BT1 monitors

RT failed element detection

RT fuel cans

RT fuel element failure

RT fuel elements

RT reactor monitoring systems

FAILURE MODE ANALYSISUF *event tree analysis*

*BT1 system failure analysis

RT markov process

RT redundancy

RT reliability

failure propagation

2003-10-21

SEE crack propagation

SEE failures

SEE system failure analysis

FAILURESSF *failure propagation*

NT1 fractures

NT2 hydraulic fractures

NT2 thermal fractures

NT1 fuel element failure

NT1 ruptures

RT accidents

RT amoeba effect

RT corrosion

RT damage

RT electrical faults

RT fatigue

RT fracture properties

RT hazards

RT human factors

RT impact shock

RT leaks

RT outages
 RT reliability
 RT safety
 RT systems analysis

fair accelerator

2017-11-01

*Facility for Antiproton and Ion Research
 located at GSI in Darmstadt, Germany*
 USE fair accelerator complex

FAIR ACCELERATOR COMPLEX

2018-06-04

*International multipurpose accelerator
 Facility for Antiproton and Ion Research
 located at GSI in Darmstadt, Germany
 (Prior to June 2018 FAIR ACCELERATOR
 was used for this concept.)*

UF fair accelerator
 *BT1 cyclic accelerators
 *BT1 linear accelerators
 BT1 storage rings
 NT1 accelerator complexes
 NT2 elsa accelerator complex
 RT cbm detector
 RT hades detector
 RT panda detector
 RT unilac

FALLOUT

For radioactive fallout only.

UF fallout particulates
 UF fragments (fallout)
 NT1 fallout deposits
 NT1 global fallout
 NT1 local fallout
 NT1 washout
 RT accidents
 RT aerial monitoring
 RT aerosols
 RT air
 RT atmospheric precipitations
 RT contamination
 RT earth atmosphere
 RT fission products
 RT global aspects
 RT nuclear explosions
 RT nuclear weapons
 RT particle resuspension
 RT radiation hazards
 RT radiation protection
 RT radioactive aerosols
 RT radioactive clouds
 RT regional analysis
 RT residence half-time
 RT sedimentation
 RT sunshine project
 RT wind

FALLOUT DEPOSITS

BT1 fallout
 RT environment
 RT food chains
 RT radionuclide migration
 RT sedimentation
 RT soils

fallout particulates

USE fallout
 USE particles

FALLOUT SHELTERS

BT1 shelters
 RT earth-covered buildings
 RT local fallout
 RT radiation protection
 RT subsurface structures
 RT underground facilities

FANGCHENGANG-1 REACTOR

2017-10-25

Fangchenggang, China
 *BT1 pwr type reactors

FANGCHENGANG-2 REACTOR

2017-10-25

Fangchenggang, China
 *BT1 pwr type reactors

FANGJIASHAN-1 REACTOR

2017-10-25

Zhejiang province, China
 *BT1 pwr type reactors

FANGJIASHAN-2 REACTOR

2017-10-25

Zhejiang province, China
 *BT1 pwr type reactors

FANO FACTOR

BT1 dimensionless numbers
 RT ionization
 RT semiconductor materials

fano-lichten model

USE electron-promotion model

fans

USE blowers

FAO

UF food and agriculture organization
 BT1 international organizations
 RT agriculture
 RT agris
 RT food
 RT united nations

FAR INFRARED RADIATION

Wavelength range 50-1000 microns.
 *BT1 infrared radiation

FAR ULTRAVIOLET RADIATION

Wavelength range 2000-400 Å.
 UF vacuum ultraviolet radiation
 *BT1 ultraviolet radiation

faraday cages

USE faraday cups

FARADAY CUPS

UF faraday cages
 *BT1 beam monitors
 RT beam currents
 RT electric measuring instruments

FARADAY CURRENT

*BT1 electric currents

FARADAY EFFECT

UF faraday rotation
 RT electromagnetic radiation
 RT magneto-optical effects
 RT polarization

faraday generators

USE mhd generators

FARADAY INDUCTION

BT1 induction

FARADAY LAWS

RT electrolysis

FARADAY METHOD

RT magnetic fields

faraday rotation

USE faraday effect

FARLEY-1 REACTOR

*Southern Nuclear Operating Co., Inc.,
 Dothan, Alabama, USA.*

UF joseph m. farley-1 reactor
 *BT1 pwr type reactors

FARLEY-2 REACTOR

*Southern Nuclear Operating Co., Inc.,
 Dothan, Alabama, USA.*

UF joseph m. farley-2 reactor
 *BT1 pwr type reactors

farm animals

USE domestic animals

FARM EQUIPMENT

INIS: 2000-04-12; ETDE: 1977-06-21

BT1 equipment
 RT farms
 RT harvesting equipment

FARMS

INIS: 1992-09-01; ETDE: 1977-06-21

RT agriculture
 RT biomass plantations
 RT cooperatives
 RT farm equipment
 RT land use

faroe islands

USE faeroe islands

FASCIA

*BT1 connective tissue

FASCIOLA

*BT1 trematodes
 RT fascioliasis

FASCIOLIASIS

*BT1 parasitic diseases
 RT fasciola

fast breeder blanket facility (fbbf)

INIS: 2000-04-12; ETDE: 1976-11-17
 USE subcritical assemblies

fast breeder test reactor (kalpakkam)

INIS: 1993-11-08; ETDE: 2002-06-13
 USE kalpakkam lmfb reactor

fast breeder type reactors

USE fbr type reactors

fast burst reactor facility

USE fbrf reactor

fast experimental breeder reactor japan

1993-11-08
 USE joyo reactor

FAST FISSION

*BT1 fission
 *BT1 neutron reactions
 RT fast fission factor
 RT fast neutrons

FAST FISSION FACTOR

BT1 dimensionless numbers
 RT fast fission
 RT fast reactors
 RT fission
 RT multiplication factors

fast flux test facility

INIS: 1979-02-21; ETDE: 2002-06-13
 USE fftf reactor

fast flux test facility reactor

2000-04-12
 USE fftf reactor

FAST MAGNETOACOUSTIC WAVES

*BT1 magnetoacoustic waves
RT transit-time magnetic pumping

fast-mixed spectrum reactor

INIS: 2000-04-12; ETDE: 1981-11-10
USE fbr type reactors
USE mixed spectrum reactors

fast neutron reactors

2016-05-03
USE fast reactors

FAST NEUTRONS

*BT1 neutrons
RT fast fission
RT fast reactors
RT nissus facility

fast prototype reactor japan

ETDE: 2002-06-13
USE monju reactor

fast reactor core test facility

USE frctf reactor

FAST REACTORS

1995-12-08
UF fast neutron reactors
SF 710 reactor
SF fcel reactor
*BT1 epithermal reactors
NT1 actinide burner reactors
NT1 afsr reactor
NT1 aprf reactor
NT1 bfs reactor
NT1 bigr reactor
NT1 bir reactor
NT1 brest-od-300 reactor
NT1 cefr reactor
NT1 cfrmf reactor
NT1 clementine reactor
NT1 coral-1 reactor
NT1 ecel reactor
NT1 fbr type reactors
NT2 aipfr reactor
NT2 gcfr type reactors
NT3 gcfr reactor
NT2 kalpakkam pfbr reactor
NT2 lmfr type reactors
NT3 beloyarsk-3 reactor
NT3 beloyarsk-4 reactor
NT3 bn-1200 reactor
NT3 bn-1600 reactor
NT3 bn-350 reactor
NT3 bor-60 reactor
NT3 cdfr reactor
NT3 clinch river breeder reactor
NT3 dfr reactor
NT3 ebr-1 reactor
NT3 ebr-2 reactor
NT3 enrico fermi-1 reactor
NT3 joyo reactor
NT3 kalpakkam lmfr reactor
NT3 monju reactor
NT3 pfr reactor
NT3 phenix reactor
NT3 plbr reactor
NT3 rapsodie reactor
NT3 sbr-1 reactor
NT3 sbr-2 reactor
NT3 sbr-5 reactor
NT3 snr-2 reactor
NT3 snr reactor
NT3 superphenix reactor
NT3 venus reactor
NT2 pec brasimone reactor
NT2 zebra reactor
NT1 fbrf reactor
NT1 fca reactor

NT1 fftf reactor
NT1 fr-0 reactor
NT1 harmonie reactor
NT1 hprf reactor
NT1 ibr-2 reactor
NT1 ibr-30 reactor
NT1 ifr reactor
NT1 kalpakkam pfr reactor
NT1 kbr-1 reactor
NT1 knk-2 reactor
NT1 lampre-1 reactor
NT1 masurca reactor
NT1 myrrha facility
NT1 purnima-2 reactor
NT1 purnima reactor
NT1 saref reactor
NT1 sefor reactor
NT1 sneak reactor
NT1 sora reactor
NT1 stf reactor
NT1 tapiro reactor
NT1 tibr reactor
NT1 vera reactor
NT1 viper reactor
NT1 wntr reactor
NT1 yayoi reactor
NT1 zephyr reactor
NT1 zppr reactor
NT1 zpr-3 reactor
NT1 zpr-6 reactor
NT1 zpr-9 reactor
NT1 zrr reactor
RT fast fission factor
RT fast neutrons

fast source reactor aec

USE afsr reactor

FASTBUS SYSTEM

INIS: 1983-09-06; ETDE: 1983-03-23
RT camac system
RT computers
RT data acquisition systems
RT equipment interfaces
RT nuclear instrument modules
RT on-line control systems
RT on-line measurement systems

FASTENERS

UF bolts
UF nuts (mechanical)
UF rivets
UF screws
UF studs
RT anchors
RT couplings
RT fastening
RT joining
RT restraints

FASTENING

UF anchoring
UF bolting
UF connecting
UF riveting
UF screwing
*BT1 joining
RT fasteners
RT joints

FASTING

UF starvation
RT biological stress
RT diet
RT metabolism

FAT CELLS

*BT1 connective tissue cells
RT adipose tissue
RT leptin

FATHEAD MINNOW

INIS: 1993-07-14; ETDE: 1984-08-20
UF pimephales promelas
*BT1 fishes
RT fresh water
RT ichthyoplankton

FATIGUE

BT1 mechanical properties
NT1 corrosion fatigue
NT1 thermal fatigue
RT crack propagation
RT damage
RT failures
RT s-n diagram

fatigue (biological)

USE biological fatigue

FATS

1996-10-22
UF butter fat
RT adipose tissue
RT food
RT leptin
RT lipids

fatty acids

USE carboxylic acids

faucets (water)

INIS: 2000-04-12; ETDE: 1977-06-21
USE water faucets

FAUJASITE

INIS: 2000-04-12; ETDE: 1979-07-18
*BT1 zeolites

fault liability

INIS: 1990-12-15; ETDE: 2002-06-13
(Prior to December 1990, this was a valid descriptor.)
USE liabilities

FAULT TOLERANT COMPUTERS

INIS: 1988-11-16; ETDE: 1986-01-14
Systems which have the ability to produce correct resultseven in the presence of a fault.
*BT1 digital computers
RT computerized control systems
RT programming
RT reliability

FAULT TREE ANALYSIS

UF fault tree systems
*BT1 system failure analysis
RT control
RT monte carlo method
RT planning
RT probabilistic estimation
RT statistics

fault tree systems

USE fault tree analysis

faultless event

1994-10-14
A test made during operation crosstie.
(Prior to September1994, this was a valid ETDE descriptor.)
USE nuclear explosions
USE underground explosions

faults (geologic)

INIS: 1975-11-07; ETDE: 2002-06-13
USE geologic faults

faure cyclotron

INIS: 1983-06-01; ETDE: 1983-07-07
USE nac cyclotron

fbh process

INIS: 2000-04-12; ETDE: 1976-01-26

USE fluidized bed hydrogenation process

fbi

INIS: 2000-04-12; ETDE: 1979-12-10

USE federal bureau of investigation

FBR TYPE REACTORS

UF fast breeder type reactors

UF fast-mixed spectrum reactor

*BT1 breeder reactors

*BT1 fast reactors

NT1 aipfr reactor

NT1 gcfr type reactors

NT2 gcfr reactor

NT1 kalpakkam pfbr reactor

NT1 lmfr type reactors

NT2 beloyarsk-3 reactor

NT2 beloyarsk-4 reactor

NT2 bn-1200 reactor

NT2 bn-1600 reactor

NT2 bn-350 reactor

NT2 bor-60 reactor

NT2 cdfr reactor

NT2 clinch river breeder reactor

NT2 dfr reactor

NT2 ebr-1 reactor

NT2 ebr-2 reactor

NT2 enrico fermi-1 reactor

NT2 joyo reactor

NT2 kalpakkam lmfr reactor

NT2 monju reactor

NT2 pfr reactor

NT2 phenix reactor

NT2 plbr reactor

NT2 rapsodie reactor

NT2 sbr-1 reactor

NT2 sbr-2 reactor

NT2 sbr-5 reactor

NT2 snr-2 reactor

NT2 snr reactor

NT2 superphenix reactor

NT2 venus reactor

NT1 pec brasimone reactor

NT1 zebra reactor

RT civex process

RT heterogeneous reactor cores

RT power reactors

FBRF REACTOR

Fast Burst Reactor Facility, White Sands

Missile Range, New Mexico, USA.

UF fast burst reactor facility

*BT1 fast reactors

*BT1 pulsed reactors

*BT1 research reactors

fbtr reactor (kalpakkam)

INIS: 1986-06-10; ETDE: 2002-06-13

USE kalpakkam lmfr reactor

FCA REACTOR

JAERI, Tokai, Ibaraki, Japan.

UF tokai-mura fast critical assembly

*BT1 fast reactors

*BT1 zero power reactors

FCC LATTICES

UF face centered cubic

*BT1 cubic lattices

fccl reactor

2000-04-12

SEE fast reactors

SEE zero power reactors

fdr reactor

2000-04-12

USE otto hahn reactor

FEASIBILITY STUDIES

UF mission analysis

RT bench-scale experiments

RT commercialization

RT comparative evaluations

RT design

RT economics

RT efficiency

RT evaluation

RT field tests

RT implementation

RT performance

RT planning

RT productivity

RT technology assessment

RT technology utilization

RT testing

FEATHERS

RT birds

RT skin

FECES

*BT1 biological wastes

RT body fluids

RT excretion

RT large intestine

RT proteus

RT rectum

fedal

USE failed element detection

federal assistance programs

INIS: 2000-04-12; ETDE: 1977-10-20

(Prior to February 1992 this was a valid ETDE descriptor.)

USE us federal assistance programs

federal aviation administration

INIS: 2000-04-12; ETDE: 1978-09-13

USE us faa

federal buildings

INIS: 1994-10-03; ETDE: 1979-02-23

(Until September 1994 this was a valid descriptor.)

USE government buildings

FEDERAL BUREAU OF INVESTIGATION

INIS: 2000-04-12; ETDE: 1979-12-10

UF fbi

*BT1 us doj

federal driving cycle

INIS: 2000-04-12; ETDE: 1975-11-12

USE federal test procedure

federal emergency management agency

INIS: 2000-04-12; ETDE: 1984-02-10

USE us fema

federal energy administration

1977-07-05

USE us fea

federal energy regulatory commission

INIS: 2000-04-12; ETDE: 1978-02-14

USE us ferc

federal expenditures

INIS: 2000-04-12; ETDE: 1980-08-25

(Prior to February 1997 this was a valid ETDE descriptor.)

USE expenditures

USE national government

federal government

INIS: 1980-11-07; ETDE: 1980-03-04

USE national government

federal power commission

INIS: 2000-04-12; ETDE: 1976-10-13

(Prior to February 1992 this was a valid ETDE descriptor.)

USE us federal power commission

FEDERAL RADIATION COUNCIL

UF frc

*BT1 us organizations

RT radiation protection

RT radiation protection laws

RT safety standards

federal region i

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982 this concept in ETDE was indexed by NORTH ATLANTIC REGION. From June 1982 to February 1992 this was a valid descriptor.)

USE usa

federal region ii

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982, this concept in ETDE was indexed by MID-ATLANTIC REGION. From June 1982 to April 1992 this was a valid ETDE descriptor.)

USE usa

federal region iii

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982 this concept in ETDE was indexed by CENTRAL REGION. From June 1982 to April 1992 this was a valid descriptor.)

USE usa

federal region iv

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982 this concept in ETDE was indexed by SOUTHEAST REGION. From June 1982 to April 1992 this was a valid descriptor.)

USE usa

federal region ix

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982 this concept in ETDE was indexed by WESTERN REGION. From June 1982 to April 1993 this was a valid descriptor.)

USE usa

federal region v

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982 this concept in ETDE was indexed by GREAT LAKES REGION. From June 1982 to April 1992 this was a valid descriptor.)

USE usa

federal region vi

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982 this concept in ETDE was indexed by SOUTHWEST REGION. From June 1982 to April 1993 this was a valid descriptor.)

USE usa

federal region vii

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982 this concept in ETDE was indexed by MIDWEST REGION. From June 1982 to April 1993 this was a valid descriptor.)

USE usa

federal region viii

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982 this concept in ETDE was indexed by ROCKY MOUNTAIN REGION. From June 1982 to April 1993 this was a valid descriptor.)

USE usa

federal region x

INIS: 2000-04-12; ETDE: 1982-06-07

(Prior to June 1982 this concept in ETDE was indexed by PACIFIC NORTHWEST REGION. From June 1982 to April 1993 this was a valid descriptor.)

USE usa

FEDERAL REPUBLIC OF GERMANY

INIS: 1997-06-19; ETDE: 1979-10-23

UF german democratic republic

UF german federal republic

UF germany

UF germany (democratic republic)

UF germany (federal republic)

UF west germany

BT1 developed countries

*BT1 western europe

RT alps

RT asse salt mine

RT danube river

RT erzgebirge deposit

RT german fr organizations

RT oecd

RT rhine river

RT urach geothermal field

FEDERAL TEST PROCEDURE

INIS: 2000-04-12; ETDE: 1975-11-11

Test procedures for exhaust emissions and fuel economy.

UF federal driving cycle

RT engines

RT exhaust gases

RT performance testing

RT pollution regulations

federal water pollution control act

INIS: 1977-03-01; ETDE: 1976-06-07

(Prior to April 1980, this was a valid ETDE descriptor.)

USE clean water acts

federation of malaya

USE malaysia

FEED MATERIALS PLANTS

1996-07-23

Plants for the production of refined uranium or plutonium metal or their pure compounds in a form suitable for use in nuclear reactor fuel elements or as feed for uranium enrichment processes.

UF anaconda uranium mill

UF highland uranium mill

UF shirley basin uranium mill

UF uranium mills

BT1 industrial plants

BT1 nuclear facilities

NT1 areva nc malvesi

NT1 feed materials production center

NT1 west valley uf6 facility

RT fuel cycle centers

RT uranium

RT uranium concentrates

FEED MATERIALS PRODUCTION CENTER

Fernald, Ohio.

UF fernald production plant

*BT1 feed materials plants

*BT1 us aec

*BT1 us doe

*BT1 us erda

RT ohio

FEEDBACK

UF climate feedback

RT closed-loop control

RT control

RT control theory

RT nyquist diagrams

RT servomechanisms

FEEDING

NT1 grazing

RT diet

RT food

RT nutrients

FEEDWATER

*BT1 water

RT auxiliary water systems

RT boilers

RT deaerators

RT demineralization

RT feedwater heaters

RT reactor cooling systems

RT steam generators

RT water chemistry

FEEDWATER HEATERS

BT1 heaters

RT feedwater

RT reactor cooling systems

fees

USE charges

FEET

*BT1 legs

feinberg-pais theory

1996-07-18

(Until July 1996 this was a valid descriptor.)

SEE leptons

SEE weak interactions

FELDSPARS

A group of abundant rock-forming minerals.

(From November 1976 till February 1997

ALBITE was a valid ETDE descriptor; from

June 1977 till March 1996 MICROCLINE

was a valid ETDE descriptor.)

UF albite

UF microcline

*BT1 silicate minerals

NT1 anorthite

NT1 orthoclase

RT anorthosites

RT aplites

RT basalt

RT gabbros

RT granites

RT granodiorites

RT pegmatites

RT quartz monzonite

RT rhyolites

RT shales

RT syenites

FELIX FACILITY

INIS: 1992-01-07; ETDE: 1983-06-20

Experimental test facility at Argonne National Laboratory, USA, for the study of electromagnetic effects in fusion reactor materials.

UF fusion electromagnetic induction experiment

BT1 test facilities

RT thermonuclear reactors

FEMALE GENITALS

UF genitals (female)

UF vagina

*BT1 organs

NT1 ovaries

NT1 uterus

RT estrous cycle

RT fertility

RT gonads

RT gynecology

RT menstrual cycle

RT menstruation disorders

RT pelvis

RT reproduction

RT sex

RT urogenital system diseases

FEMALES

NT1 women

RT animals

RT sex

RT sex dependence

FEMUR

*BT1 skeleton

RT legs

FENCES

2006-06-27

BT1 physical protection devices

RT biointrusion

RT human intrusion

FERC GAS AREAS

INIS: 2000-04-12; ETDE: 1979-12-10

UF fpc gas areas

RT natural gas distribution systems

RT natural gas industry

RT us ferc

FERGHANITE

2000-04-12

*BT1 oxide minerals

*BT1 uranium minerals

RT uranium oxides

RT vanadium oxides

FERMAT PRINCIPLE

RT wave propagation

FERMENTATION

1997-06-19

(From October 1978 to February 1997 CELL RECYCLE was a valid ETDE descriptor.)

UF biothermohol process

SF cell recycle

SF microbial processes

BT1 bioconversion

NT1 vacuum fermentation

RT anaerobic digestion

RT batch culture

RT biochemistry

RT biological pathways

RT chemical reactions

RT clostridium thermocellum

RT continuous culture

RT distillers dried grains

RT mesophilic conditions

RT saccharification

RT semibatch culture

RT stillage

RT thermophilic conditions

fermentation alcohol

USE ethanol

fermi age

USE fermi age theory

USE neutron age

FERMI AGE THEORY

UF fermi age

BT1 neutron slowing-down theory

RT neutron age

RT slowing-down

fermi beta theory

USE fermi interactions

fermi constants

USE fermi interactions

fermi diagram

USE fermi plot

fermi-dirac gas

USE fermi gas

fermi-dirac statistics

INIS: 1975-09-16; ETDE: 1976-05-19

USE fermi statistics

fermi fluid

USE fermi gas

FERMI GAS

UF fermi-dirac gas

UF fermi fluid

UF fermi liquid

RT bose-einstein gas

RT electron gas

RT fermi statistics

RT gases

FERMI GAS MODEL

*BT1 nuclear models

FERMI INTERACTIONS

UF fermi beta theory

UF fermi constants

UF fermi pseudopotential

UF fermi-weizsaecker formula

UF four-fermion interaction

*BT1 weak interactions

RT primakoff theory

RT v-a theory

fermi-kurie plot

USE fermi plot

FERMI LEVEL

UF fermi surface

BT1 energy levels

RT band theory

RT cooper pairs

fermi liquid

USE fermi gas

FERMI PLOT

UF fermi diagram

UF fermi-kurie plot

UF kurie plot

*BT1 diagrams

RT beta decay

fermi pseudopotential

USE fermi interactions

FERMI RESONANCE

BT1 resonance

FERMI-SEGRE FORMULA

RT magnetic moments

FERMI STATISTICS

INIS: 1975-09-16; ETDE: 1975-10-28

UF fermi-dirac statistics

RT bose-einstein statistics

RT fermi gas

RT fermions

RT parastatistics

RT statistical mechanics

fermi surface

USE fermi level

fermi-thomas model

USE thomas-fermi model

fermi-weizsaecker formula

USE fermi interactions

FERMILAB

1995-01-27

*BT1 us doe

RT illinois

FERMILAB ACCELERATOR

INIS: 1977-10-17; ETDE: 1975-11-11

Facility at Fermi National Accelerator

Laboratory, Batavia, Illinois, includes main

synchrotron, booster synchrotron, and linac.

UF nal synchrotron

UF national accelerator laboratory

*BT1 synchrotrons

RT fermilab tevatron

RT popae storage ring

FERMILAB COLLIDER DETECTOR

1992-01-14

Detector to study proton-antiproton collisions
at 2 TeV center-of-mass energy.

UF cdf

UF collider detector at fermilab

*BT1 radiation detectors

RT drift chambers

RT projection spark chambers

RT shower counters

FERMILAB TEVATRON

INIS: 1984-02-22; ETDE: 1984-03-06

TeV range proton synchrotron at Fermi

National Accelerator Laboratory.

UF tevatron

UF tevatron (fermilab)

*BT1 synchrotrons

RT fermilab accelerator

fermion-boson symmetry

1984-12-04

USE boson-fermion symmetry

FERMIONS

NT1 baryons

NT2 antibaryons

NT3 antihyperons

NT4 antilambda particles

NT4 antiomega particles

NT4 antisigma particles

NT4 antixi particles

NT3 antinucleons

NT4 antineutrons

NT4 antiprotons

NT2 beauty baryons

NT3 lambda b neutral baryons

NT2 charmed baryons

NT3 lambda c-2625 baryons

NT3 lambda c plus baryons

NT3 omega c neutral baryons

NT3 sigma c-2455 baryons

NT3 xi c neutral baryons

NT3 xi c plus baryons

NT2 dibaryons

NT3 dineutrons

NT3 diprotons

NT3 lambda-n-2130 dibaryons

NT3 nn-2170 dibaryons

NT3 nn-2250 dibaryons

NT2 hyperons

NT3 antihyperons

NT4 antilambda particles

NT4 antiomega particles

NT4 antisigma particles

NT4 antixi particles

NT3 lambda baryons

NT4 lambda-1405 baryons

NT4 lambda-1520 baryons

NT4 lambda-1600 baryons

NT4 lambda-1670 baryons

NT4 lambda-1690 baryons

NT4 lambda-1800 baryons

NT4 lambda-1810 baryons

NT4 lambda-1820 baryons

NT4 lambda-1830 baryons

NT4 lambda-1890 baryons

NT4 lambda-2100 baryons

NT4 lambda-2110 baryons

NT4 lambda particles

NT5 antilambda particles

NT3 lambda-n-2130 dibaryons

NT3 omega baryons

NT4 omega-2250 baryons

NT4 omega particles

NT5 antiomega particles

NT5 omega minus particles

NT3 sigma baryons

NT4 sigma-1385 baryons

NT4 sigma-1660 baryons

NT4 sigma-1670 baryons

NT4 sigma-1750 baryons

NT4 sigma-1770 baryons

NT4 sigma-1775 baryons

NT4 sigma-1915 baryons

NT4 sigma-1940 baryons

NT4 sigma-2030 baryons

NT4 sigma-2455 baryons

NT4 sigma particles

NT5 antisigma particles

NT5 sigma minus particles

NT5 sigma neutral particles

NT5 sigma plus particles

NT3 xi baryons

NT4 xi-1530 baryons

NT4 xi-1690 baryons

NT4 xi-1820 baryons

NT4 xi-1950 baryons

NT4 xi-2030 baryons

NT4 xi-2250 baryons

NT4 xi-2500 baryons

NT4 xi particles

NT5 antixi particles

NT5 xi minus particles

NT5 xi neutral particles

NT3 z*baryons

NT2 n*baryons

NT3 delta baryons

NT4 delta-1232 baryons

NT4 delta-1600 baryons

NT4 delta-1620 baryons

NT4 delta-1700 baryons

NT4 delta-1900 baryons

NT4 delta-1905 baryons

NT4 delta-1910 baryons

NT4 delta-1920 baryons

NT4 delta-1930 baryons

NT4 delta-1950 baryons

NT4 delta-2000 baryons

NT4 delta-2150 baryons

NT4 delta-2200 baryons

NT4 delta-2400 baryons

NT4 delta-2420 baryons

NT4 delta-3000 baryons

NT3 n baryons

NT4 n-1440 baryons

NT4 n-1520 baryons

NT4 n-1535 baryons

NT4 n-1650 baryons

NT4 n-1675 baryons

NT4 n-1680 baryons

NT4 n-1700 baryons

NT4 n-1710 baryons

NT4 n-1720 baryons

NT4 n-1960 baryons

NT4 n-1990 baryons

NT4 n-2000 baryons

NT4 n-2080 baryons

NT4 n-2100 baryons
NT4 n-2190 baryons
NT4 n-2250 baryons
NT4 n-3000 baryons
NT2 nucleons
NT3 antinucleons
NT4 antineutrons
NT4 antiprotons
NT3 neutrons
NT4 antineutrons
NT4 beta-delayed neutrons
NT4 cold neutrons
NT5 ultracold neutrons
NT4 cosmic neutrons
NT4 epithermal neutrons
NT4 fast neutrons
NT4 fission neutrons
NT5 delayed neutrons
NT5 prompt neutrons
NT4 intermediate neutrons
NT4 photoneutrons
NT4 pile neutrons
NT4 polynutrons
NT5 dineutrons
NT5 traneutrons
NT5 trineutrons
NT4 resonance neutrons
NT4 slow neutrons
NT4 solar neutrons
NT4 thermal neutrons
NT3 photonucleons
NT4 photoneutrons
NT4 photoprotons
NT3 protons
NT4 antiprotons
NT4 cosmic protons
NT4 delayed protons
NT4 diprotons
NT4 photoprotons
NT4 prompt protons
NT4 solar protons
NT4 trapped protons
NT1 leptons
NT2 antileptons
NT3 antineutrinos
NT4 electron antineutrinos
NT4 muon antineutrinos
NT3 muons plus
NT3 positrons
NT4 cosmic positrons
NT2 electrons
NT3 cosmic electrons
NT3 exoelectrons
NT3 prompt electrons
NT3 runaway electrons
NT3 solar electrons
NT3 solvated electrons
NT3 tail electrons
NT3 trapped electrons
NT2 heavy leptons
NT3 heavy neutral muons
NT3 tau neutrinos
NT3 tau particles
NT2 muons
NT3 cosmic muons
NT3 muons minus
NT3 muons plus
NT2 neutrinos
NT3 antineutrinos
NT4 electron antineutrinos
NT4 muon antineutrinos
NT3 atmospheric neutrinos
NT4 conventional neutrinos
NT4 prompt neutrinos
NT3 cosmic neutrinos
NT3 electron neutrinos
NT4 electron antineutrinos
NT3 geoneutrinos
NT3 muon neutrinos

NT4 muon antineutrinos
NT3 reactor neutrinos
NT3 solar neutrinos
NT3 sterile neutrinos
NT3 tau neutrinos
NT1 majorana fermions
NT1 quarks
NT2 antiquarks
NT3 b antiquarks
NT3 c antiquarks
NT3 d antiquarks
NT3 s antiquarks
NT3 t antiquarks
NT3 u antiquarks
NT2 b quarks
NT3 b antiquarks
NT2 c quarks
NT3 c antiquarks
NT2 d quarks
NT3 d antiquarks
NT2 s quarks
NT3 s antiquarks
NT2 t quarks
NT3 t antiquarks
NT2 u quarks
NT3 u antiquarks
RT boson-fermion symmetry
RT fermi statistics

FERMIUM

*BT1 actinides
 *BT1 transplutonium elements

FERMIUM 241

2008-10-20

*BT1 actinide nuclei
 *BT1 even-odd nuclei
 *BT1 fermium isotopes
 *BT1 microseconds living radioisotopes
 *BT1 spontaneous fission radioisotopes

FERMIUM 242

INIS: 1976-03-25; ETDE: 1975-11-26

*BT1 actinide nuclei
 *BT1 even-even nuclei
 *BT1 fermium isotopes
 *BT1 microseconds living radioisotopes
 *BT1 spontaneous fission radioisotopes

FERMIUM 243

INIS: 1986-06-09; ETDE: 1982-03-11

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 fermium isotopes
 *BT1 milliseconds living radioisotopes

FERMIUM 244

*BT1 actinide nuclei
 *BT1 even-even nuclei
 *BT1 fermium isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 spontaneous fission radioisotopes

FERMIUM 245

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 fermium isotopes
 *BT1 seconds living radioisotopes

FERMIUM 246

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 fermium isotopes
 *BT1 seconds living radioisotopes
 *BT1 spontaneous fission radioisotopes

FERMIUM 247

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 fermium isotopes
 *BT1 seconds living radioisotopes

FERMIUM 248

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 fermium isotopes
 *BT1 seconds living radioisotopes
 *BT1 spontaneous fission radioisotopes

FERMIUM 249

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 fermium isotopes
 *BT1 minutes living radioisotopes

FERMIUM 250

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 fermium isotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 seconds living radioisotopes
 *BT1 spontaneous fission radioisotopes

FERMIUM 251

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 fermium isotopes
 *BT1 hours living radioisotopes

FERMIUM 252

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 even-even nuclei
 *BT1 fermium isotopes
 *BT1 spontaneous fission radioisotopes

FERMIUM 253

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 fermium isotopes

FERMIUM 253 TARGET

1980-05-14

BT1 targets

FERMIUM 254

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 fermium isotopes
 *BT1 hours living radioisotopes
 *BT1 spontaneous fission radioisotopes

FERMIUM 254 TARGET

ETDE: 1976-07-09

BT1 targets

FERMIUM 255

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 fermium isotopes
 *BT1 hours living radioisotopes
 *BT1 spontaneous fission radioisotopes

FERMIUM 255 TARGET

ETDE: 1976-07-09

BT1 targets

FERMIUM 256

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 fermium isotopes
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

FERMIUM 256 TARGET

1980-05-14

- BT1 targets

FERMIUM 257

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 fermium isotopes
- *BT1 spontaneous fission radioisotopes

FERMIUM 257 TARGET

INIS: 1976-03-02; ETDE: 1976-07-12

- BT1 targets

FERMIUM 258

- *BT1 actinide nuclei
- *BT1 even-even nuclei
- *BT1 fermium isotopes
- *BT1 microseconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

FERMIUM 258 TARGET

1980-05-14

- BT1 targets

FERMIUM 259

- *BT1 actinide nuclei
- *BT1 even-odd nuclei
- *BT1 fermium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

FERMIUM 259 TARGET

1980-05-14

- BT1 targets

FERMIUM 260

2007-10-22

- *BT1 actinide nuclei
- *BT1 even-even nuclei
- *BT1 fermium isotopes
- *BT1 spontaneous fission radioisotopes

FERMIUM 260 TARGET

1980-05-14

- BT1 targets

FERMIUM 264

2010-05-19

- *BT1 actinide nuclei
- *BT1 even-even nuclei
- *BT1 fermium isotopes
- *BT1 spontaneous fission radioisotopes

FERMIUM BROMIDES

INIS: 2000-04-12; ETDE: 1987-10-02

- *BT1 bromides
- *BT1 fermium halides

FERMIUM CHLORIDES

1996-07-18

(From July 1996 to February 2008 FERMIUM COMPOUNDS + CHLORIDES was used for this concept.)

- *BT1 chlorides
- *BT1 fermium halides

FERMIUM COMPLEXES

- *BT1 actinide complexes
- *BT1 transuranium complexes

FERMIUM COMPOUNDS

1996-11-13

- BT1 actinide compounds
- *BT1 transplutonium compounds
- NT1 fermium halides
- NT2 fermium bromides
- NT2 fermium chlorides
- NT2 fermium iodides
- NT1 fermium oxides

FERMIUM HALIDES

2008-02-07

- *BT1 fermium compounds
- *BT1 halides
- NT1 fermium bromides
- NT1 fermium chlorides
- NT1 fermium iodides

FERMIUM IODIDES

INIS: 1997-01-28; ETDE: 1987-10-02

(From October 1996 to February 2008 FERMIUM COMPOUNDS + IODIDES was used for this concept.)

- *BT1 fermium halides
- *BT1 iodides

FERMIUM IONS

- *BT1 ions

FERMIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 fermium 241
- NT1 fermium 242
- NT1 fermium 243
- NT1 fermium 244
- NT1 fermium 245
- NT1 fermium 246
- NT1 fermium 247
- NT1 fermium 248
- NT1 fermium 249
- NT1 fermium 250
- NT1 fermium 251
- NT1 fermium 252
- NT1 fermium 253
- NT1 fermium 254
- NT1 fermium 255
- NT1 fermium 256
- NT1 fermium 257
- NT1 fermium 258
- NT1 fermium 259
- NT1 fermium 260
- NT1 fermium 264

FERMIUM OXIDES

1996-07-18

(From July 1996 to November 2007

FERMIUM COMPOUNDS + OXIDES was used for this concept.)

- *BT1 fermium compounds
- *BT1 oxides

fernal production plant

INIS: 2000-04-12; ETDE: 1991-03-11

- USE feed materials production center

FERNS

- UF azolla
- BT1 plants

ferranti computers

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE computers

FERRATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- *BT1 iron compounds

- BT1 oxygen compounds

- RT iron oxides

FERREDOXIN

INIS: 1993-08-26; ETDE: 1978-07-06

- *BT1 metalloproteins
- RT rubredoxin

ferric compounds

- USE iron compounds

FERRICYANIDES

- UF cyanoferrates
- *BT1 iron complexes

FERRIMAGNETIC MATERIALS

- UF materials (ferrimagnetic)
- *BT1 magnetic materials
- NT1 ferrites
- RT ferrimagnetic resonance
- RT ferrimagnetism
- RT ferrite garnets
- RT perovskites

FERRIMAGNETIC RESONANCE

INIS: 1977-09-06; ETDE: 1977-10-19

- *BT1 magnetic resonance
- RT ferrimagnetic materials
- RT ferrimagnetism

FERRIMAGNETISM

- BT1 magnetism
- RT antiferromagnetism
- RT ferrimagnetic materials
- RT ferrimagnetic resonance
- RT ferromagnetism

FERRITE

A solid solution of carbon in alpha-iron.

- *BT1 carbon additions
- *BT1 iron alloys
- RT ferritic steels
- RT iron-alpha
- RT magnetite
- RT martensite
- RT pearlite
- RT solid solutions
- RT steel-cr2moninb
- RT steels

FERRITE GARNETS

Minerals with the general formula Y3M5O12, where Y is yttrium or other rare earth, and M is usually iron, but may be another metal. For silicate garnets use GARNETS.

- UF iron garnets
- UF yttrium aluminium garnets
- *BT1 oxide minerals
- RT ferrimagnetic materials
- RT garnets

FERRITES

Specific compounds should be indexed by coordination of a descriptor of the form (cation) compounds and the above anion descriptor.

- *BT1 ferrimagnetic materials
- *BT1 iron compounds
- BT1 oxygen compounds
- RT iron oxides

FERRITIC STEELS

INIS: 1979-05-28; ETDE: 1979-09-06

- *BT1 steels
- NT1 steel-cr12moniv
- NT1 steel-cr13al
- NT2 stainless steel-405
- NT1 steel-cr16
- NT2 stainless steel-430
- NT1 steel-cr25
- NT2 stainless steel-446
- NT1 steel-cr9mo

NT1 steel-cr9monbv
RT corrosion resistant alloys
RT ferrite

FERRITIN

*BT1 iron complexes
 *BT1 metalloproteins
RT hemosiderin
RT iron

ferroan

2000-04-12
 (Prior to February 1995, this was a valid ETDE descriptor.)
 SEE carbonates

ferrobacillus ferrooxidans

INIS: 2000-04-12; ETDE: 1977-09-19
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE bacillus

FERROCENE

*BT1 dienes
 *BT1 iron complexes

FERROCYANIDES

UF prussian blue
 *BT1 iron complexes

FERROELECTRIC CONVERTERS

INIS: 2000-04-12; ETDE: 1977-03-04
BT1 direct energy converters
RT ferroelectric materials

FERROELECTRIC MATERIALS

UF materials (ferroelectric)
 *BT1 dielectric materials
RT antiferroelectric materials
RT ferroelectric converters

ferrofluids

INIS: 2000-04-12; ETDE: 1985-03-12
 (Prior to March 1997 MAGNETIC LIQUIDS was used for this concept in ETDE.)
 USE liquids
 USE magnetic materials

FERROIN

*BT1 phenanthrolines
BT1 reagents
RT iron complexes
RT phenanthroline-ortho

FERROMAGNETIC MATERIALS

UF materials (ferromagnetic)
 *BT1 magnetic materials
RT antiferromagnetic materials
RT ferromagnetic resonance
RT magnetic semiconductors
RT spin glass state

FERROMAGNETIC RESONANCE

INIS: 1976-05-07; ETDE: 1976-08-04
 *BT1 magnetic resonance
RT ferromagnetic materials
RT ferromagnetism

FERROMAGNETISM

UF nuclear ferromagnetism
BT1 magnetism
NT1 mictomagnetism
RT antiferromagnetism
RT curie point
RT ferrimagnetism
RT ferromagnetic resonance
RT heisenberg model
RT hubbard model

FERRON

*BT1 hydroxy compounds
 *BT1 organic iodine compounds
 *BT1 quinolines

BT1 reagents
 *BT1 sulfonic acids

ferrous compounds

USE iron compounds

ferrox process

2000-04-12
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE desulfurization

FERSMITE

2000-04-12
 *BT1 radioactive minerals

FERTILE MATERIALS

Materials containing nuclides capable of being transformed into fissile nuclides by neutron capture.

BT1 materials
RT breeding blankets
RT nuclear fuel conversion
RT nuclear fuels

FERTILITY

RT female genitals
RT fertilization
RT gonads
RT male genitals
RT menopause
RT menstrual cycle
RT progeny
RT reproduction
RT reproductive disorders
RT sterility

FERTILIZATION

INIS: 1986-12-18; ETDE: 1977-10-20
RT fertility
RT gametes
RT ova
RT ovulation
RT reproduction
RT zygotes

FERTILIZER INDUSTRY

INIS: 1993-01-28; ETDE: 1977-08-09
BT1 industry
RT agriculture

FERTILIZERS

NT1 superphosphates
RT agriculture
RT eutrophication
RT nitrogen cycle
RT nutrients
RT plants
RT soil chemistry
RT soil conservation

feshbach-porter-weisskopf model

USE optical models

FESHBACH-WEISSKOPF MODEL

RT nuclear reactions

FESSENHEIM-1 REACTOR

Electricite de France, Fessenheim, Haut-Rhin, France
 *BT1 pwr type reactors

FESSENHEIM-2 REACTOR

Electricite de France, Fessenheim, Haut-Rhin, France
 *BT1 pwr type reactors

FETAL MEMBRANES

UF amnion
 UF chorioallantoic membrane
BT1 membranes
NT1 placenta
RT embryos

RT fetuses

FETUSES

RT age groups
RT amniotic fluid
RT congenital malformations
RT embryos
RT fetal membranes
RT ontogenesis
RT pregnancy
RT prenatal exposure
RT prenatal irradiation
RT teratogens
RT uterus

FEULGEN METHOD

RT cytochemistry
RT dna

FEVER

BT1 symptoms
RT antipyretics
RT body temperature
RT heat stress
RT hyperthermia
RT pyrogens

FEYNMAN DIAGRAM

*BT1 diagrams
RT quantum field theory

FEYNMAN GAS MODEL

*BT1 particle models
 *BT1 statistical models

FEYNMAN-GELL-MANN THEORY

RT beta decay
RT neutrinos

FEYNMAN METHOD

UF welton method
BT1 calculation methods
RT neutron transport theory
RT transport theory

FEYNMAN PATH INTEGRAL

*BT1 path integrals
RT propagator
RT quantum mechanics
RT wilson loop

FFTF REACTOR

Westinghouse Hanford Company, Richland, Washington, USA. Shut down in 1992.

UF fast flux test facility
 UF fast flux test facility reactor
 UF ftr reactor (richland)
 UF richland fff reactor
 *BT1 fast reactors
 *BT1 research reactors
 *BT1 sodium cooled reactors
 *BT1 test reactors
RT hanford engineering development laboratory

FIAN SYNCHROTRON

UF lebedev synchrotron
 *BT1 synchrotrons

FIBER OPTICS

INIS: 1979-04-27; ETDE: 1978-09-11
 The technique of transmitting light through long, thin, flexible fibers of glass, plastic or other transparent materials.

BT1 optics
RT light transmission
RT optical equipment
RT optical fibers
RT optical properties
RT optical systems
RT optoelectronic devices

FIBERGLASS

INIS: 1978-08-30; ETDE: 1978-04-06

- *BT1 composite materials
- RT fibers
- RT glass
- RT glazing materials
- RT organic polymers

FIBERS

1996-08-05

- NT1 carbon fibers
- NT1 optical fibers
- RT aramids
- RT cotton
- RT dacron
- RT fiberglass
- RT jute
- RT mineral wool
- RT rayon
- RT synthetic materials
- RT textiles
- RT wool

fibration (topological maps)

- USE mapping fibration

FIBRIN

- *BT1 blood coagulation factors
- *BT1 scleroproteins

FIBRINOGEN

- *BT1 blood coagulation factors
- *BT1 globulins

FIBRINOLYSIS

ETDE: 1981-06-13

Code number 3.4.21.7.

- UF plasmin
- *BT1 fibrinolytic agents
- *BT1 serine proteinases
- RT anticoagulants
- RT blood coagulation
- RT blood coagulation factors
- RT fibrinolysis
- RT thrombosis

FIBRINOLYSIS

- *BT1 proteolysis
- RT fibrinolysis
- RT streptococcal proteinase
- RT urokinase

FIBRINOLYTIC AGENTS

INIS: 1996-11-13; ETDE: 1981-04-20

- UF streptidine kinase
- *BT1 hematologic agents
- NT1 fibrinolysin
- NT1 plasminogen
- NT1 urokinase
- RT anticoagulants
- RT blood substitutes
- RT coagulants
- RT hematinics

FIBROBLASTS

- *BT1 connective tissue cells
- RT collagen
- RT fibrosis
- RT l cells

FIBROSARCOMAS

- *BT1 sarcomas

FIBROSIS

- BT1 pathological changes
- RT connective tissue
- RT fibroblasts

FICK LAWS

- RT diffusion
- RT neutron diffusion equation
- RT neutron transport theory

FIDUCIAL MARKERS

2015-05-18

Objects placed in the field of view of an imaging system which appear in the image produced, for use as points of reference or measure.

- RT benchmarks
- RT image processing
- RT measuring methods
- RT pattern recognition

FIELD ALGEBRA

- RT current algebra
- RT parastatistics
- RT quantum field theory

FIELD EFFECT TRANSISTORS

- UF unipolar transistors
- *BT1 transistors
- NT1 mosfet

FIELD EMISSION

- BT1 emission
- RT electron emission
- RT ion emission
- RT ion microscopy

field emission microscopy

- USE ion microscopy

FIELD EQUATIONS

- BT1 equations
- NT1 dirac equation
- NT2 dirac spinors
- NT1 einstein field equations
- NT1 einstein-maxwell equations
- NT1 klein-gordon equation
- NT1 sine-gordon equation
- RT field theories
- RT instantons
- RT maxwell equations
- RT merons
- RT solitons

FIELD FLOW FRACTIONATION

2014-03-28

- BT1 separation processes

field ion microscopy

- USE ion microscopy

field offices

INIS: 2000-04-12; ETDE: 1983-03-24

- USE us doe field offices

FIELD OPERATORS

- *BT1 quantum operators
- RT quantum field theory
- RT vacuum states

FIELD PRODUCTION EQUIPMENT

INIS: 1994-09-08; ETDE: 1984-03-19

- BT1 equipment
- NT1 well injection equipment
- NT1 well recovery equipment
- NT1 wellheads
- RT natural gas fields
- RT natural gas wells
- RT oil fields
- RT oil wells

field-reversed configurations

INIS: 1986-08-19; ETDE: 2002-06-13

- USE field-reversed theta pinch devices

field-reversed mirror reactors

INIS: 1995-01-16; ETDE: 1978-04-06

(Prior to January 1995, this was a valid ETDE descriptor.)

- USE magnetic mirror type reactors
- USE reversed-field mirrors

field-reversed mirrors

INIS: 1982-11-30; ETDE: 2002-06-13

- USE reversed-field mirrors

FIELD-REVERSED THETA PINCH DEVICES

INIS: 1986-08-19; ETDE: 1986-09-05

A type of compact torus with poloidal magnetic field only.

- UF field-reversed configurations
- *BT1 compact torus
- *BT1 pinch devices

FIELD TESTS

INIS: 1981-05-11; ETDE: 1979-02-05

- BT1 testing
- RT bench-scale experiments
- RT demonstration plants
- RT feasibility studies
- RT process development units

FIELD THEORIES

- NT1 general relativity theory
- NT1 quantum field theory
- NT2 axiomatic field theory
- NT3 algebraic field theory
- NT3 lsz theory
- NT3 wightman field theory
- NT2 constructive field theory
- NT3 lattice field theory
- NT2 lagrangian field theory
- NT2 phi4-field theory
- NT2 quantum chromodynamics
- NT2 quantum electrodynamics
- NT3 schwinger-tomonaga formalism
- NT2 quantum flavordynamics
- NT2 quantum gravity
- NT3 loop quantum gravity
- NT2 unified gauge models
- NT3 grand unified theory
- NT4 standard model
- NT3 weinberg-salam gauge model
- NT2 yukawa nonlocal theory
- NT1 unified field theories
- NT2 einstein-schroedinger theory
- NT2 kaluza-klein theory
- NT2 supergravity
- NT2 weinberg-salam gauge model
- NT2 weyl unified theory
- RT action integral
- RT electrodynamics
- RT field equations
- RT instantons
- RT string theory

fields (crossed)

- USE crossed fields

fields (electric)

- USE electric fields

fields (electromagnetic)

INIS: 1982-04-14; ETDE: 1982-05-07

- USE electromagnetic fields

fields (gravitational)

- USE gravitational fields

fields (magnetic)

- USE magnetic fields

FIERZ INTERFERENCE

- RT beta decay

FIERZ-PAULI THEORY

- RT quantum mechanics

FIFTH SOUND

INIS: 1977-09-15; ETDE: 1977-11-10

- RT sound waves
- RT superfluidity

FIGS

*BT1 fruits

figure of merit

INIS: 1984-04-04; ETDE: 2002-06-13

USE performance

FIJI

BT1 islands

RT pacific ocean

filament (plasma)

USE plasma filament

FILAMENT CRYSTAL COUNTERS

Gamma counter filled with crystalline argon, xenon, methane, etc. at cryogenic temperatures.

*BT1 crystal counters

RT gamma detection

FILAMENTS

RT wires

FILARIASIS

INIS: 1975-09-16; ETDE: 1975-10-28

*BT1 parasitic diseases

RT nematodes

RT parasites

FILL FACTORS

2000-04-12

Fractions of power available to loads.

BT1 dimensionless numbers

RT power demand

RT power generation

FILLER METALS

RT brazing alloys

RT welding

FILLERS

RT binders

RT grouting

filling stations

INIS: 2000-04-12; ETDE: 1979-05-09

USE gasoline service stations

film badges

USE photographic film dosimeters

FILM BOILING

*BT1 boiling

FILM CONDENSATION

BT1 vapor condensation

RT steam condensers

FILM COOLING

BT1 cooling

film dosimeters

USE photographic film dosimeters

FILM DOSIMETRY

BT1 dosimetry

RT photographic film dosimeters

FILM FLOW

1975-08-20

BT1 fluid flow

RT helium ii

RT superfluidity

FILMLESS SPARK CHAMBERS

*BT1 spark chambers

NT1 sonic spark chambers

NT1 wire spark chambers

FILMS

Not for the concepts covered by

PHOTOGRAPHIC FILMS or NUCLEAR EMULSIONS.

NT1 solar control films

NT1 superconducting films

NT1 thin films

RT coatings

RT foils

RT heat mirrors

RT layers

RT waterproofing

FILTERS

See also DIGITAL FILTERS.

NT1 air filters

NT1 electric filters

NT1 electromagnetic filters

NT1 fabric filters

NT1 magnetic filters

NT1 mechanical filters

NT2 granular bed filters

NT1 optical filters

RT aerosols

RT coolant cleanup systems

RT diatomaceous earth

RT dust collectors

RT dusts

RT filtration

RT fouling

RT hot gas cleanup

RT respirators

RT samplers

RT screens

RT scrubbing

RT sorting

RT suspensions

RT ultrafiltration

RT ventilation

filters (electric)

2000-04-12

USE electric filters

FILTRATION

BT1 separation processes

NT1 ultrafiltration

RT electromagnetic filters

RT filters

RT hot gas cleanup

RT magnetic filters

FINAL-STATE INTERACTIONS

BT1 interactions

RT proximity scattering

financial assistance

INIS: 1982-12-03; ETDE: 1979-12-17

(Prior to March 1996 this was a valid ETDE descriptor.)

USE financing

FINANCIAL DATA

1992-09-01

Use only in conjunction with literary indicator N for data flagging.

UF assets

SF credits

SF debits

*BT1 numerical data

RT budgets

RT economics

RT reactor licensing

FINANCIAL INCENTIVES

INIS: 1997-06-19; ETDE: 1976-12-16

(From January 1981 till March 1997 LOAN GUARANTEES was a valid ETDE descriptor. From May 1979 till April 1997 SUBSIDIES was a valid ETDE descriptor.)

UF loan guarantees

UF property tax exemption

UF subsidies

SF incentives

NT1 tax credits

RT depreciation

RT economics

RT financing

RT legal aspects

RT national energy conservation incentives act

RT payback period

RT socio-economic factors

RT taxes

RT us depletion allowances

RT us economic recovery tax act

RT us energy tax act

financial management

INIS: 2000-04-12; ETDE: 1983-03-23

USE program management

financial penalties

INIS: 2000-04-12; ETDE: 1979-07-24

USE charges

FINANCIAL SECURITY

INIS: 1976-12-08; ETDE: 1989-04-19

Insurance or other financial security a nuclear operator must have to cover his civil liability.

UF security (financial)

RT insurance

RT liabilities

RT victims compensation

RT workmens compensation

FINANCING

(CREDIT ACCOUNTS, CREDIT CARDS, DISBURSEMENTS, FINANCIAL ASSISTANCE, and GRANTS have been valid ETDE descriptors.)

UF financial assistance

UF grants

UF loans

SF bank accounts

SF credit accounts

SF credit cards

SF disbursements

SF letters-of-credit

RT amortization

RT budgets

RT capital

RT cost

RT cost recovery

RT depreciation

RT economics

RT economy

RT expenditures

RT financial incentives

RT interest rate

RT investment

RT lending institutions

RT world bank

fine control rods

USE regulating rods

FINE PARTICLES

2014-08-20

Particles with an aerodynamic diameter from 100 to 2500 nm.

BT1 particles

FINE STRUCTURE

RT energy levels

RT paschen-back effect

RT sommerfeld constant

RT spectra

fingerprinting (oil spills)

INIS: 2000-04-12; ETDE: 1978-08-07

USE oil spills

USE pattern recognition

FINGERS

*BT1 hands
RT nails

finished oils

INIS: 2000-04-12; ETDE: 1979-12-10
Products requiring no further refinery processing.
(Prior to September 1994, this was a valid ETDE descriptor.)
USE petroleum products

finishing (surface)

USE surface finishing

FINITE DIFFERENCE METHOD

UF coarse mesh method
*BT1 iterative methods
*BT1 numerical solution
RT boundary element method
RT differential equations
RT finite element method
RT mathematics
RT mesh generation
RT nodal expansion method

FINITE ELEMENT METHOD

BT1 calculation methods
*BT1 numerical solution
NT1 boundary element method
RT differential equations
RT finite difference method
RT mathematics
RT mesh generation
RT nodal expansion method

FINITE-RANGE INTERACTIONS

BT1 interactions
RT nuclear reaction kinetics
RT zero-range approximation

FINLAND

BT1 developed countries
*BT1 scandinavia
RT oecd
RT sami people

FINNISH ORGANIZATIONS

INIS: 1976-08-17; ETDE: 1976-11-01
BT1 national organizations

finnish reactor-1

USE fir-1 reactor

FINS

RT reactor components
RT spacers
RT vanes

FIORDS

INIS: 1992-06-04; ETDE: 1980-11-25
Arms of the sea having steep sides, deep bottoms, and shallow sills separating them from the sea.
*BT1 estuaries
RT salinity
RT seawater

FIR-1 REACTOR

Technical Research Centre of Finland Reactor Lab., Espoo, Finland. Permanent shutdown since 2015
UF finnish reactor-1
*BT1 isotope production reactors
*BT1 pulsed reactors
*BT1 research reactors
*BT1 tank type reactors
*BT1 test reactors
*BT1 thermal reactors
*BT1 training reactors
*BT1 triga type reactors

FIRE DETECTORS

INIS: 1992-01-22; ETDE: 1986-01-14
BT1 measuring instruments
NT1 smoke detectors
RT alarm systems
RT fire prevention
RT safety

FIRE EXTINGUISHERS

RT fire fighting
RT fires
RT safety

FIRE FIGHTING

INIS: 1985-12-10; ETDE: 1978-04-28
RT fire extinguishers
RT fire hazards
RT fires
RT safety

fire flooding

INIS: 2000-04-12; ETDE: 1988-05-23
USE in-situ combustion

FIRE HAZARDS

BT1 hazards
RT fire fighting
RT fire prevention
RT fires
RT spontaneous combustion

FIRE PREVENTION

INIS: 1985-12-10; ETDE: 1975-08-19
RT combustion
RT fire detectors
RT fire hazards
RT fire resistance
RT fires
RT mineral-insulated cables
RT safety
RT spontaneous combustion

FIRE RESISTANCE

RT fire prevention
RT fires
RT thermal insulation

fire stations

INIS: 2000-04-12; ETDE: 1981-01-09
USE public buildings

FIREBALL MODEL

UF two-fireball model
*BT1 particle models
RT centauro-type events
RT cluster emission model

fireballs

INIS: 2000-04-12; ETDE: 1979-05-02
(Prior to January 1995, this was a valid ETDE descriptor.)
SEE flames
SEE nuclear fireballs

fireballs (nuclear)

INIS: 1975-08-22; ETDE: 2002-06-13
USE nuclear fireballs

firebamp

INIS: 2000-04-12; ETDE: 1978-04-28
USE methane

firehose instability

USE hose instability

FIREPLACES

INIS: 2000-04-12; ETDE: 1977-06-21
RT chimneys
RT space heating

FIRES

RT accidents
RT burns

RT combustion
RT explosions
RT fire extinguishers
RT fire fighting
RT fire hazards
RT fire prevention
RT fire resistance
RT flammability
RT hazards
RT natural disasters
RT safety engineering
RT smoke detectors
RT spontaneous combustion

firebreak model

INIS: 1978-09-28; ETDE: 1978-10-19
USE nuclear fireball model

firewood

INIS: 1992-04-09; ETDE: 1981-01-30
USE wood fuels

FIRS

INIS: 1992-02-05; ETDE: 1985-12-11
UF abies
*BT1 conifers
*BT1 trees

FIRST AID

UF cardiopulmonary resuscitation
UF cpr
*BT1 therapy
RT accident management
RT accidents
RT health hazards
RT injuries
RT safety showers
RT single intake

first sound

INIS: 2000-04-12; ETDE: 1997-09-02
USE sound waves

FIRST WALL

INIS: 1975-08-20; ETDE: 1975-10-01
BT1 thermonuclear reactor walls
RT steel-cr10mo2
RT wall loading

FISCHER ASSAY

2000-04-12
RT oil shales
RT shale oil

fischer-tropsch/mobil process

INIS: 2000-04-12; ETDE: 1984-02-10
Two-stage process from synthesis gas to gasoline with different catalysts in each stage.
(Prior to March 1994, this was a valid ETDE descriptor.)
SEE coal gasification
SEE coal liquefaction

FISCHER-TROPSCH SYNTHESIS

UF synthine process
BT1 chemical reactions
RT hydrocarbons
RT hydrogenation
RT sasol-ii process

fish and wildlife service

INIS: 2000-04-12; ETDE: 1984-12-26
USE us fws

fish culture

INIS: 1992-05-08; ETDE: 1975-11-12
USE fisheries

fish hatcheries

INIS: 1992-05-08; ETDE: 1981-08-21
USE fisheries

fish ladders

INIS: 1991-08-09; ETDE: 1980-01-24

USE fish passage facilities

fish lifts

INIS: 1991-08-09; ETDE: 1980-01-24

USE fish passage facilities

fish locks

INIS: 1991-08-09; ETDE: 1980-01-24

USE fish passage facilities

fish meal

USE fish products

FISH OIL

INIS: 1976-10-29; ETDE: 1976-12-16

*BT1 oils

RT fishes

RT hydrocarbons

FISH PASSAGE FACILITIES

INIS: 1991-08-09; ETDE: 1980-01-24

Structures that carry water around dams thus facilitating the migration of fish.

UF fish ladders

UF fish lifts

UF fish locks

UF fishways

RT anadromous fishes

RT dams

RT fishes

RT hydroelectric power plants

RT migration

FISH PRODUCTS

UF fish meal

NT1 seafood

RT fishes

FISH SCALES

INIS: 1992-07-23; ETDE: 1977-05-07

RT fishes

RT skin

FISHBONE INSTABILITY

INIS: 1984-06-25; ETDE: 1984-07-10

*BT1 plasma macroinstabilities

FISHERIES

INIS: 1992-05-08; ETDE: 1981-08-04

(Prior to August 1981, this concept in ETDE was indexed to AQUACULTURE.)

UF fish culture

UF fish hatcheries

RT aquaculture

RT fishing industry

FISHERY LAWS

1990-12-15

(Prior to December 1990, this descriptor was spelled FISHERY LAW.)

BT1 laws

RT high seas

RT territorial waters

FISHES

Not for the concept of the edible flesh of a fish for which use SEAFOOD.

UF flukes (fishes)

UF misgurnus

BT1 aquatic organisms

*BT1 vertebrates

NT1 anadromous fishes

NT2 salmon

NT2 striped bass

NT1 codfish

NT1 eel

NT1 fathead minnow

NT1 goldfish

NT1 plaice

NT1 trout

NT1 tuna

RT aquaculture

RT fish oil

RT fish passage facilities

RT fish products

RT fish scales

RT food

RT gas bubble disease

RT gills

RT ichthyoplankton

RT seafood

RT surface waters

FISHING INDUSTRY

INIS: 1975-12-17; ETDE: 1976-01-26

BT1 industry

RT fisheries

fishways

INIS: 1991-08-09; ETDE: 1980-01-24

USE fish passage facilities

FISSILE MATERIALS

Materials containing nuclides capable of undergoing fission by interaction with slow neutrons.

*BT1 fissionable materials

RT fission

RT nuclear fuels

RT nuclear materials management

 fissile materials cut-off treaty

2010-03-03

USE fmct

FISSION

1996-01-24

UF disintegration (fission)

BT1 nuclear reactions

NT1 binary fission

NT1 cold fission

NT1 electrofission

NT1 fast fission

NT1 photofission

NT1 quaternary fission

NT1 spontaneous fission

NT1 ternary fission

NT1 thermal fission

RT bohr-wheeler theory

RT chain reactions

RT criticality

RT fast fission factor

RT fissile materials

RT fission barrier

RT fission fragments

RT fission products

RT fission spectra

RT fission yield

RT fissionable materials

RT fissioning plasma

RT governor model

RT nuclear explosions

RT nuclear fragmentation

RT nuclear fragments

RT order-disorder model

RT quasi-fission

RT reactors

RT recoils

RT scission-point model

RT spallation

RT strutinsky theory

RT thermal fission factor

RT watt fission spectrum

FISSION BARRIER

*BT1 nuclear potential

*BT1 potential energy

RT excitation

RT fission

FISSION CHAMBERS

*BT1 ionization chambers

*BT1 neutron detectors

RT threshold detectors

FISSION FOIL DETECTORS

*BT1 neutron detectors

RT activation detectors

RT dielectric track detectors

RT fission thermocouple detectors

RT threshold detectors

FISSION FRAGMENT DETECTION

*BT1 radiation detection

RT charged particle detection

RT radiation detectors

FISSION FRAGMENT SPECTROMETERS

*BT1 spectrometers

FISSION FRAGMENTS

UF fragments (fission)

BT1 nuclear fragments

RT fission

RT fission tracks

FISSION ISOMERS

RT isomeric nuclei

RT spontaneous fission

fission-like reactions

INIS: 1977-04-07; ETDE: 2002-06-13

USE quasi-fission

FISSION NEUTRONS

*BT1 neutrons

NT1 delayed neutrons

NT1 prompt neutrons

RT multiplication factors

FISSION POISONS

*BT1 nuclear poisons

FISSION PRODUCT RELEASE

1995-05-10

Coordinate with descriptors for the area of release, such as BIOSPHERE or COOLANTS, and for the specific fission products, if known.

UF release (fission product)

RT containment

RT contamination

RT degassing

RT desorption

RT fission products

RT international nuclear event scale

RT leaks

RT radiation hazards

RT radioactive waste disposal

RT removal

RT source terms

FISSION PRODUCTS

1996-07-18

(Prior to March 1997 FONG THEORY was a valid ETDE descriptor.)

UF debris (nuclear)

SF fong-newton theory

SF fong theory

BT1 isotopes

*BT1 radioactive materials

RT accidents

RT containment

RT containment systems

RT fallout

RT fission

RT fission product release

RT fission yield

RT fissium

RT fuel cooling time

RT fuel reprocessing plants

RT nuclear explosions

RT radioactive wastes
 RT reactors
 RT source terms
 RT spent fuels

FISSION RATIO

BT1 dimensionless numbers
 RT capture-to-fission ratio
 RT resonance neutrons

fission reactor control theory

INIS: 1982-11-29; ETDE: 2002-06-13
 USE reactor kinetics

FISSION SPECTRA

UF spectra (*fission*)
 BT1 spectra
 RT fission
 RT prompt neutrons

FISSION THERMOCOUPLE DETECTORS

INIS: 2000-04-12; ETDE: 1979-03-27
Neutron detectors using a thin film of fissile material overlaid on a thermocouple junction.
 *BT1 neutron detectors
 RT fission foil detectors
 RT thermocouples

FISSION TRACKS

BT1 particle tracks
 RT age estimation
 RT fission fragments

FISSION YIELD

UF yield (*fission*)
 *BT1 nuclear reaction yield
 RT fission
 RT fission products

FISSIONABLE MATERIALS

Materials containing nuclides capable of undergoing fission by any process.
 BT1 materials
 NT1 fissile materials
 RT accelerator breeders
 RT fission
 RT fuel cycle
 RT nuclear materials management
 RT radioactive wastes

fissionable materials management

USE nuclear materials management

FISSIONING PLASMA

BT1 plasma
 RT chain reactions
 RT fission
 RT gas fuels
 RT space propulsion reactors

FISSION

RT fission products
 RT nuclear fuels

fissured formations

INIS: 2000-04-12; ETDE: 1977-08-24
 USE fractured reservoirs

FISTULAE

BT1 pathological changes
 RT necrosis
 RT ulcers

FITZPATRICK REACTOR

Entergy Nuclear Operations, Inc., North Scriba, New York, USA.
 UF easton power reactor
 UF james a. fitzpatrick reactor
 *BT1 bwr type reactors

five-dimensional calculations

INIS: 1984-04-04; ETDE: 2002-06-13
 USE many-dimensional calculations

fixation (carbon dioxide)

1982-02-10
 USE carbon dioxide fixation

fixation (nitrogen)

INIS: 1982-02-10; ETDE: 2002-06-13
 USE nitrogen fixation

fixation (waste treatment)

USE solidification

fixed beds

INIS: 1992-03-02; ETDE: 2001-01-23
 USE packed beds

FIXED MIRROR COLLECTORS

INIS: 2000-04-12; ETDE: 1978-08-07
 *BT1 concentrating collectors

fixed-price contracts

INIS: 2000-04-12; ETDE: 1983-03-23
 (Prior to February 1995, this was a valid ETDE descriptor.)
 USE contracts

fixed scattering centres***approximation***

INIS: 1984-04-04; ETDE: 2003-01-10
 USE fsc approximation

fixed-wing aircraft

2019-07-22
 USE airplanes

flagyl

USE metronidazole

FLAMANVILLE-1 REACTOR

INIS: 1984-07-20; ETDE: 1984-09-05
Electricite de France, Flamanville, Manche, France
 *BT1 pwr type reactors

FLAMANVILLE-2 REACTOR

INIS: 1984-07-20; ETDE: 1984-09-05
Electricite de France, Flamanville, Manche, France
 *BT1 pwr type reactors

FLAMANVILLE-3 REACTOR

2010-08-17
European Pressurised Reactor - EPR, Electricite de France, Flamanville, Manche, France
 *BT1 pwr type reactors

flame chamber process

INIS: 2000-04-12; ETDE: 1976-11-01
High-temperature waste combustion process in which waste is fed into ring column created between two concentric cylinders causing combustion steps to be above each other rather than following each other.
 (Prior to February 1995, this was a valid ETDE descriptor.)
 USE waste processing

FLAME EXTINCTION

2007-01-08
 RT flame propagation
 RT flames

FLAME PHOTOMETRY

INIS: 2000-04-12; ETDE: 1980-11-08
 BT1 photometry
 RT spectrophotometry
 RT spectroscopy

FLAME PROPAGATION

INIS: 1998-12-08; ETDE: 1976-09-28
 RT blowoff
 RT combustion kinetics
 RT flame extinction
 RT flames
 RT flashback

flame spectrometry

INIS: 2000-04-12; ETDE: 1980-08-12
 USE emission spectroscopy

FLAME SPRAYING

*BT1 spray coating

flame temperature

INIS: 2000-04-12; ETDE: 1975-11-11
 USE combustion properties

FLAMES

SF fireballs
 NT1 laminar flames
 NT1 verneuil method
 RT blowoff
 RT combustion
 RT flame extinction
 RT flame propagation
 RT flashback
 RT ignition
 RT inhibition
 RT stagnation point

FLAMMABILITY

INIS: 1977-11-21; ETDE: 1976-04-19
 BT1 combustion properties
 RT combustion
 RT fires
 RT ignition

FLANGES

RT joints

FLARING

INIS: 1999-05-18; ETDE: 1979-12-10
 RT combustion
 RT energy losses
 RT natural gas

FLASH BURNS

*BT1 burns

FLASH HEATING

BT1 heating
 RT distillation
 RT evaporation
 RT steam

FLASH HYDROLYSIS PROCESS

INIS: 2000-04-12; ETDE: 1976-07-07
Process for converting coal or biomass to liquid and gaseous hydrocarbons directly by heating with preheated hydrogen to reaction temperature followed by rapid cooling.
 *BT1 coal gasification
 *BT1 coal liquefaction
 *BT1 pyrolysis
 RT hydrogenation

flash point

INIS: 1992-07-10; ETDE: 1975-11-11
 USE combustion properties

FLASH TUBES

*BT1 gas discharge tubes

FLASH WELDING

*BT1 resistance welding

FLASHBACK

INIS: 2000-04-12; ETDE: 1977-01-28

Backward burning of a flame into the lip of a burner or torch.

- RT blowoff
- RT burners
- RT chemical explosions
- RT flame propagation
- RT flames

FLASHED STEAM SYSTEMS

2000-04-12

Systems in which a well-head mixture of hot water and steam is flashed in a separator; the saturated steam, then, is used to drive multistage turbines, and the remaining hot liquid is discarded.

- *BT1 steam systems
- RT flashing
- RT geothermal energy conversion
- RT geothermal power plants
- RT steam
- RT steam separators
- RT steam turbines
- RT thermodynamic cycles

FLASHING

1976-05-07

- *BT1 evaporation
- RT flashed steam systems
- RT steam

FLASHOVER

INIS: 1985-12-10; ETDE: 1975-09-11

- BT1 electric discharges
- RT breakdown
- RT electric arcs
- RT electric currents
- RT electric sparks
- RT electrical faults

flasks

- USE casks

FLAT MAGNETIC SPECTROMETERS

- UF double focusing spectrometers
- UF iron-free spectrometers
- UF orange-type spectrometers
- UF semicircular spectrometers
- UF siegbahn spectrometers
- UF spiral orbit spectrometers
- *BT1 magnetic spectrometers

flat mirrors

2000-04-12

(Prior to March 1996 this was a valid ETDE descriptor.)

- USE mirrors

FLAT PLATE COLLECTORS

1998-12-28

- *BT1 solar collectors
- NT1 trickle-type collectors
- RT solar air heaters

flattening (neutron flux)

- USE neutron flux flattening

FLATTOP REACTOR

LANL, Los Alamos, New Mexico, USA.

- *BT1 zero power reactors

flavenoids

ETDE: 1975-09-11

(Prior to January 2004 this was a valid descriptor.)

- USE flavonoids

FLAVINES

- *BT1 acridines
- *BT1 amines

NT1 acriflavine

NT1 proflavine

flavins

- USE isoalloxazines

FLAVONES

1996-06-28

- UF hesperidin
- *BT1 flavonoids
- NT1 morin
- NT1 quercetin

FLAVONOIDS

2004-01-14

(Prior to January 2004 this descriptor was spelled FLAVENOIDS.)

- UF flavenoids
- *BT1 organic oxygen compounds
- NT1 flavones
- NT2 morin
- NT2 quercetin

flavoprotein enzymes

1996-07-18

- USE diaphorase

FLAVOR

Not for elementary particles.

- BT1 organoleptic properties
- RT chemoreceptors
- RT spices
- RT taste buds

FLAVOR MODEL

INIS: 1977-07-05; ETDE: 1977-10-19

- UF beauty model
- UF bottom quark model
- UF top quark model
- UF truth model
- *BT1 quark model
- RT beauty particles
- RT charmonium
- RT kobayashi-maskawa matrix
- RT quantum chromodynamics
- RT quantum flavordynamics
- RT quantum numbers
- RT top particles
- RT toponium

flavordynamics

INIS: 2000-04-12; ETDE: 1979-05-25

- USE quantum flavordynamics

flaws

- USE defects

FLAX PLANTS

- UF linseed plants
- *BT1 magnoliopsida
- RT linseed oil

flaxseed oil

- USE linseed oil

FLEROVIUM

2013-06-05

Prior to June 2013 ELEMENT 114 was used for this element.

- UF eka-lead
- UF element 114
- UF ununquadium
- *BT1 transactinide elements

FLEROVIUM 285

2014-03-28

Prior to June 2013 ELEMENT 114 285 was used for this concept.

- UF element 114 285
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 flerovium isotopes

*BT1 heavy nuclei

*BT1 microseconds living radioisotopes

FLEROVIUM 286

2014-03-28

Prior to June 2013 ELEMENT 114 286 was used for this concept.

- UF element 114 286
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 flerovium isotopes
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

FLEROVIUM 287

2014-03-28

Prior to June 2013 ELEMENT 114 287 was used for this concept.

- UF element 114 287
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 flerovium isotopes
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes

FLEROVIUM 288

2014-03-28

Prior to June 2013 ELEMENT 114 288 was used for this concept.

- UF element 114 288
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 flerovium isotopes
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes

FLEROVIUM 289

2014-03-28

Prior to June 2013 ELEMENT 114 289 was used for this concept.

- UF element 114 289
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 flerovium isotopes
- *BT1 heavy nuclei
- *BT1 seconds living radioisotopes

FLEROVIUM 292

2014-03-28

Prior to June 2013 ELEMENT 114 292 was used for this concept.

- UF element 114 292
- *BT1 even-even nuclei
- *BT1 flerovium isotopes
- *BT1 heavy nuclei

FLEROVIUM COMPOUNDS

2014-03-28

Prior to June 2013 ELEMENT 114 COMPOUNDS was used for this concept.

- UF element 114 compounds
- *BT1 transactinide compounds

FLEROVIUM IONS

2018-01-24

- *BT1 ions

FLEROVIUM ISOTOPES

2014-03-28

Prior to June 2013 ELEMENT 114 ISOTOPES was used for this concept.

- UF element 114 isotopes
- BT1 isotopes
- NT1 flerovium 285
- NT1 flerovium 286
- NT1 flerovium 287
- NT1 flerovium 288
- NT1 flerovium 289
- NT1 flerovium 292

FLEXIBILITY

- UF stiffness
- *BT1 tensile properties
- RT flexural strength

flexitime

- INIS: 2000-04-12; ETDE: 1977-06-21
- USE alternative work schedules

FLEXURAL STRENGTH

- UF strength (flexural)
- BT1 mechanical properties
- RT bending
- RT flexibility

FLIBE

- INIS: 1975-08-20; ETDE: 1975-10-01
- Molten salt of fluorine, lithium and beryllium.
- *BT1 molten salts
- RT beryllium fluorides
- RT breeding blankets
- RT lithium fluorides
- RT thermonuclear reactor walls

FLIES

- *BT1 diptera
- NT1 fruit flies
- NT2 anastrepha
- NT2 ceratitis capitata
- NT2 dacus
- NT3 dacus oleae
- NT2 drosophila
- NT1 glossina
- NT1 hylemya antiqua
- NT1 screwworm fly

FLIGHT TESTING

- INIS: 1999-08-19; ETDE: 1981-01-09
- BT1 testing
- RT aircraft
- RT missiles
- RT reentry vehicles

flintlock operation

- INIS: 2000-04-12; ETDE: 1976-11-01
- (Prior to September 1994, this was a valid ETDE descriptor.)
- USE nuclear explosions
- USE underground explosions

FLIP-FLOP CIRCUITS

- UF eccles-jordan circuits
- *BT1 multivibrators

floating nuclear power plant-sturgis

- 1993-11-08
- USE mh-1a reactor

floating nuclear power plants

- USE offshore nuclear power plants

FLOATING ROOF TANKS

- INIS: 1992-07-08; ETDE: 1981-08-04
- *BT1 tanks
- RT petroleum
- RT storage facilities

floating zone techniques

- USE zone melting

FLOCCULATION

- UF coagulation (colloid)
- UF colloid coagulation
- *BT1 precipitation
- RT coprecipitation
- RT deflocculating agents

FLOOD CONTROL

- 1999-05-12
- BT1 control
- RT coastal regions
- RT dams

- RT hydroelectric power plants
- RT power generation
- RT rivers

flooding fluids

- INIS: 2000-04-12; ETDE: 1983-11-09
- USE displacement fluids

FLOODS

- RT drainage
- RT exceptional natural disaster
- RT hydrology
- RT natural disasters
- RT runoff
- RT surface waters

FLOORS

- INIS: 1999-08-04; ETDE: 1975-09-11
- UF heating floors
- RT basements
- RT buildings

FLOQUET FUNCTION

- BT1 functions
- RT differential equations

florence oil

- USE olive oil

florencite

- 1996-06-26
- (Until June 1996 this was a valid descriptor.)
- USE phosphate minerals
- USE radioactive minerals

FLORIDA

- 1997-06-17
- *BT1 usa
- NT1 cape kennedy
- RT biscayne bay
- RT chattahoochee river
- RT everglades national park
- RT pinellas plant
- RT us east coast
- RT us gulf coast

florida current

- INIS: 1992-02-18; ETDE: 1977-06-21
- USE gulf stream

florida university reactor

- USE ufr reactor

FLOTATION

- BT1 separation processes
- RT coal preparation
- RT foam separation
- RT ore enrichment
- RT ore processing
- RT waste processing

FLOUR

- BT1 food
- RT bread
- RT cereals

flow (blood)

- INIS: 2000-04-12; ETDE: 1980-11-08
- USE blood flow

flow (fluid)

- USE fluid flow

FLOW BLOCKAGE

- RT fluid flow
- RT loss of flow

FLOW COUNTERS

- UF fluid flow counters
- *BT1 radiation detectors
- RT geiger-mueller counters
- RT proportional counters

flow cytometers

- INIS: 2000-04-12; ETDE: 1976-09-14
- USE cell flow systems

FLOW MODELS

- UF models (flow)
- BT1 mathematical models
- RT fluid flow
- RT thermal hydraulics

FLOW RATE

- RT dynamic function studies
- RT flow regulators
- RT flowmeters
- RT fluid flow
- RT hydraulics
- RT mach number
- RT plasma eaters
- RT pressure drop
- RT stokes number
- RT time dependence
- RT velocity

FLOW REGULATORS

- UF dampers (gas flow)
- UF draft control systems
- *BT1 control equipment
- NT1 baffles
- NT1 valves
- NT2 relief valves
- NT2 water faucets
- RT flow rate
- RT penstocks

flow sheets

- USE flowsheets

FLOW STRESS

- BT1 stresses
- RT plasticity

FLOW VISUALIZATION

- INIS: 1986-10-29; ETDE: 1984-03-06
- UF visualization (flow)
- RT aerosols
- RT bubbles
- RT data visualization
- RT fluid flow

FLOWERS

- For reproductive organs of plants.
- NT1 stamen
- RT plants
- RT pollen
- RT reproduction

FLOWMETERS

- *BT1 meters
- NT1 plasma eaters
- RT anemometers
- RT flow rate
- RT nozzles
- RT orifices
- RT pitot tubes
- RT venturi tubes

FLWSHEETS

- UF flow sheets
- *BT1 diagrams

FLUCTUATIONS

- INIS: 1999-07-15; ETDE: 1975-07-29
- Stochastic variations.
- BT1 variations
- NT1 landau fluctuations
- RT noise

FLUE GAS

- 1976-07-16
- UF combustion gases
- *BT1 gaseous wastes
- RT combustion products

RT condensing boilers
 RT dry scrubbers
 RT scrubbing
 RT selective catalytic reduction
 RT wet scrubbers

fluence (neutron)

USE neutron fluence

fluid equations (plasma)

INIS: 1988-11-16; ETDE: 2002-06-13

USE plasma fluid equations

FLUID FLOW

(From September 1979 till February 1997
 DISPLACEMENT RATES was a valid ETDE
 descriptor.)

UF flow (fluid)
 SF displacement rates
 NT1 capillary flow
 NT1 compressible flow
 NT1 critical flow
 NT1 film flow
 NT1 gas flow
 NT2 air flow
 NT2 knudsen flow
 NT2 slip flow
 NT1 hypersonic flow
 NT1 incompressible flow
 NT2 ideal flow
 NT1 laminar flow
 NT1 liquid flow
 NT1 multiphase flow
 NT1 potential flow
 NT1 solids flow
 NT1 steady flow
 NT2 ideal flow
 NT1 stokes number
 NT1 subsonic flow
 NT1 supersonic flow
 NT1 transition flow
 NT1 transonic flow
 NT1 turbulent flow
 NT1 two-phase flow
 NT1 unsteady flow
 NT1 viscous flow
 NT2 couette flow
 NT1 vortex flow
 RT advection
 RT aerodynamic heating
 RT baffles
 RT bernoulli law
 RT boundary layers
 RT cavitation
 RT continuity equations
 RT darcy law
 RT diffusers
 RT drainage
 RT flow blockage
 RT flow models
 RT flow rate
 RT flow visualization
 RT fluid mechanics
 RT fluid-structure interactions
 RT fluids
 RT friction factor
 RT froude number
 RT hartmann number
 RT heat transfer
 RT helmholtz instability
 RT hydraulics
 RT hydrodynamics
 RT jets
 RT magnetohydrodynamics
 RT mass transfer
 RT oseen method
 RT pressure drop
 RT rayleigh-taylor instability
 RT reactor cooling systems
 RT rheology

RT shear
 RT stagnation
 RT superfluidity
 RT surges
 RT thermal hydraulics
 RT turbulence
 RT two-stream instability
 RT viscosity

fluid flow counters

USE flow counters

FLUID FUELED REACTORS

UF dust fueled reactors
 BT1 reactors
 NT1 gas fueled reactors
 NT2 coaxial flow reactors
 NT2 light bulb reactors
 NT2 plasma core assembly
 NT1 liquid homogeneous reactors
 NT2 aqueous homogeneous reactors
 NT3 ai-l-77 reactor
 NT3 argus reactor
 NT3 ber-2 reactor
 NT3 byu l-77 reactor
 NT3 cesnef reactor
 NT3 dr-1 reactor
 NT3 frf reactor
 NT3 gidra reactor
 NT3 hre-2 reactor
 NT3 jrr-1 reactor
 NT3 kewb reactor
 NT3 kstr reactor
 NT3 ncscr-1 reactor
 NT3 nevada university reactor
 NT3 pmc-l-77 reactor
 NT3 supo reactor
 NT3 wrrr reactor
 NT1 molten salt fueled reactors
 RT fluidized bed reactors
 RT liquid metal fuels

FLUID INJECTION

INIS: 2000-01-05; ETDE: 1976-03-11

NT1 gas injection
 NT1 miscible-phase displacement
 NT2 carbon dioxide injection
 NT2 microemulsion flooding
 NT1 steam injection
 NT1 waterflooding
 NT2 caustic flooding
 RT displacement fluids
 RT enhanced recovery
 RT fluid injection processes
 RT hydraulic fracturing
 RT hydrology
 RT pressurization
 RT well stimulation

FLUID INJECTION PROCESSES

2000-04-12

UF cyclic steam injection process
 UF huff and puff process
 UF steam drive process
 NT1 cold-water processes
 NT1 hot-water processes
 NT1 steam soak processes
 RT enhanced recovery
 RT fluid injection
 RT oil sands

FLUID MECHANICS

UF computational fluid dynamics
 BT1 mechanics
 NT1 aerodynamics
 NT1 electrogasdynamics
 NT1 hydraulics
 NT2 thermal hydraulics
 NT1 hydrodynamics
 NT2 electrohydrodynamics
 NT2 magnetohydrodynamics

NT1 magnetogasdynamics
 NT1 nanofluidics
 NT1 pneumatics
 RT aerodynamic heating
 RT drag
 RT fluid flow
 RT fluid-structure interactions
 RT fluids
 RT friction factor
 RT general circulation models
 RT gravity waves
 RT hydraulic conductivity
 RT hydrostatics
 RT navier-stokes equations
 RT stagnation point

FLUID POISON CONTROL

1999-05-12

UF chemical shimming
 BT1 control
 RT burnable poisons
 RT poisoning
 RT reactor control systems
 RT scram
 RT soluble poisons

FLUID-STRUCTURE INTERACTIONS

1980-11-07

Interactions between fluids, usually coolants, and structural components involving distortion of components such as shields, spacers, supports etc. in reactors.

RT fluid flow
 RT fluid mechanics
 RT fuel-coolant interactions
 RT reactor components
 RT reactor cooling systems
 RT reactor cores

FLUID WITHDRAWAL

INIS: 2000-04-12; ETDE: 1975-11-11

The process of withdrawing fluids such as ground water from a source, also the quantity of fluid withdrawn.

UF ground water withdrawal
 RT geothermal fluids
 RT ground water

fluidic computers

2000-04-12

(Prior to February 1996 this was a valid ETDE descriptor.)

USE computers

FLUIDIC CONTROL DEVICES

*BT1 control equipment
 BT1 fluidic devices

FLUIDIC DEVICES

NT1 fluidic control devices
 RT amplification

FLUIDIZATION

1975-12-09

RT fluidized-bed combustion
 RT fluidized bed reactors
 RT fluidized beds
 RT suspensions

fluidized bed

2000-04-12

(Prior to July 1985, this was a valid ETDE descriptor.)

USE fluidized beds

FLUIDIZED BED BOILERS

INIS: 1992-03-12; ETDE: 1982-03-11

UF circulating fluidized bed boilers
 BT1 boilers
 RT fluidized-bed combustion
 RT fluidized-bed combustors

RT fluidized beds

FLUIDIZED-BED COMBUSTION

1976-02-11

The combustion of pulverized coal (or other material) in a fluidized bed with limestone or dolomite both to suppress sulfur emission (by chemically combining the sulfur with the bed material) and to limit the tendency of atmospheric nitrogen and oxygen to combine into nitrogen oxides (by limiting the temperature of the combustion reaction).

*BT1 combustion

RT coal

RT fluidization

RT fluidized bed boilers

RT fluidized-bed combustors

FLUIDIZED-BED COMBUSTORS

INIS: 1993-08-02; ETDE: 1976-11-01

BT1 combustors

RT coal

RT fluidized bed boilers

RT fluidized-bed combustion

RT fluidized beds

RT pollution control equipment

fluidized bed heat exchangers

INIS: 2000-04-12; ETDE: 1977-07-23

(Prior to February 1997 this was a valid ETDE descriptor.)

USE fluidized beds

USE heat exchangers

FLUIDIZED BED HYDROGENATION PROCESS

INIS: 2000-04-12; ETDE: 1976-01-23

Production of methane- and ethane-rich gas at elevated temperatures and pressure from hydrocarbons.

UF fbh process

BT1 sng processes

RT hydrocarbons

RT petroleum

FLUIDIZED BED REACTORS

*BT1 fuel dispersion reactors

RT fluid fueled reactors

RT fluidization

FLUIDIZED BED REFUSE GASIFICATION

INIS: 1993-03-25; ETDE: 1976-11-01

Partial oxidation pyrolysis using air and air or steam for gasification and catalysts to increase thermal efficiency. May be used for coal or oil shale gasification. Produces fuel gas.

*BT1 gasification

*BT1 waste processing

RT coal gasification

RT oil shales

FLUIDIZED BEDS

INIS: 1975-12-09; ETDE: 1976-03-25

UF circulating fluidized beds

UF fluidized bed

UF fluidized bed heat exchangers

RT cafb process

RT chemical reactions

RT chemical reactors

RT ebullated bed

RT fluidization

RT fluidized bed boilers

RT fluidized-bed combustors

RT packed beds

RT suspensions

FLUIDS

Not for the concepts covered by BODY FLUIDS.

NT1 cryogenic fluids

NT1 cutting fluids

NT1 displacement fluids

NT1 drilling fluids

NT1 fracturing fluids

NT1 gases

NT2 air

NT3 compressed air

NT3 surface air

NT2 associated gas

NT2 coal gas

NT2 compressed gases

NT3 compressed air

NT3 compressed natural gas

NT2 cosmic gases

NT2 cover gas

NT2 dissociating gases

NT2 dissolved gases

NT2 exhaust gases

NT2 fuel gas

NT3 high btu gas

NT3 intermediate btu gas

NT4 carburetted water gas

NT4 town gas

NT4 water gas

NT3 landfill gas

NT3 low btu gas

NT4 producer gas

NT3 natural gas

NT4 abiogenic gas

NT4 compressed natural gas

NT4 liquefied natural gas

NT2 ionized gases

NT3 fully ionized gases

NT4 lorentz gas

NT3 strongly ionized gases

NT3 weakly ionized gases

NT2 pyrolytic gases

NT2 rare gases

NT3 argon

NT3 helium

NT3 krypton

NT3 neon

NT3 radon

NT3 xenon

NT2 rarefied gases

NT2 refinery gases

NT2 shale gas

NT2 synthesis gas

NT2 vapors

NT3 water vapor

NT2 volcanic gases

NT1 geothermal fluids

NT2 fumarolic fluids

NT2 natural steam

NT1 heat transfer fluids

NT1 liquids

NT2 black liquids

NT2 coal liquids

NT2 dnapl

NT2 liquefied gases

NT3 liquefied natural gas

NT3 liquefied petroleum gases

NT2 liquid crystals

NT2 liquid metals

NT2 natural gas liquids

NT3 gas condensates

NT3 lease condensates

NT3 liquefied petroleum gases

NT3 plant condensates

NT1 nanofluids

NT1 quantum fluids

NT2 helium ii

NT1 reservoir fluids

NT1 working fluids

NT2 hydraulic fluids

NT2 refrigerants

RT fluid flow

RT fluid mechanics

RT pour point

flukes (fishes)

INIS: 1982-01-13; ETDE: 2002-06-13

USE fishes

flukes (trematodes)

1982-01-13

USE trematodes

fluor econamine process

2000-04-12

Process using an aqueous solution of the primary alkanolamine, diglycolamine, for the removal of acidic impurities hydrogen sulfide and carbon dioxide.

(Prior to February 1995, this was a valid ETDE descriptor.)

USE desulfurization

fluor solvent process

2000-04-12

Process using anhydrous propylene carbonate for removal of high concentrations of acidic impurities carbon dioxide and hydrogen sulfide from natural or synthetic gas streams.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

fluoranthene

INIS: 2000-04-12; ETDE: 1980-11-25

USE polycyclic aromatic hydrocarbons

FLUORATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

*BT1 fluorine compounds

BT1 oxygen compounds

FLUORENE

*BT1 polycyclic aromatic hydrocarbons

FLUORESCENCE

1999-07-08

BT1 dyes

*BT1 hydroxy acids

*BT1 polyphenols

NT1 erythrosine

RT fluorescence

RT phthalic acid

FLUORESCENCE

UF quenching (fluorescence)

*BT1 luminescence

NT1 resonance fluorescence

RT fluorescein

RT fluorescence spectroscopy

RT radiationless decay

RT superradiance

RT x-ray fluorescence analysis

FLUORESCENCE SPECTROSCOPY

UF atomic fluorescence spectroscopy

UF fluorimetry

UF molecular fluorescence spectroscopy

*BT1 emission spectroscopy

RT fluorescence

RT fluorimeters

RT laser spectroscopy

RT quantitative chemical analysis

RT x-ray fluorescence analysis

fluorescent concentrators

INIS: 2000-04-12; ETDE: 1980-02-11

USE luminescent concentrators

FLUORESCENT LAMPS

INIS: 2000-04-12; ETDE: 1977-07-23

UF litek lamp

BT1 light bulbs

RT ballasts

RT lighting systems

fluorescent penetrant tests

USE liquid penetrant inspection

FLUORIDE VOLATILITY PROCESS

*BT1 pyrometallurgy

*BT1 reprocessing

RT distillation

RT refining

RT volatility

FLUORIDES

1996-11-13

*BT1 fluorine compounds

*BT1 halides

NT1 actinium fluorides

NT1 aluminium fluorides

NT1 americium fluorides

NT1 ammonium fluorides

NT1 antimony fluorides

NT1 argon fluorides

NT1 arsenic fluorides

NT1 barium fluorides

NT1 berkelium fluorides

NT1 beryllium fluorides

NT1 bismuth fluorides

NT1 boron fluorides

NT1 bromine fluorides

NT1 cadmium fluorides

NT1 calcium fluorides

NT1 californium fluorides

NT1 carbon fluorides

NT1 cerium fluorides

NT1 cesium fluorides

NT1 chlorine fluorides

NT1 chromium fluorides

NT1 cobalt fluorides

NT1 copper fluorides

NT1 curium fluorides

NT1 dysprosium fluorides

NT1 einsteinium fluorides

NT1 erbium fluorides

NT1 europium fluorides

NT1 gadolinium fluorides

NT1 gallium fluorides

NT1 germanium fluorides

NT1 gold fluorides

NT1 hafnium fluorides

NT1 holmium fluorides

NT1 hydrogen fluorides

NT1 indium fluorides

NT1 iodine fluorides

NT1 iridium fluorides

NT1 iron fluorides

NT1 krypton fluorides

NT1 lanthanum fluorides

NT1 lead fluorides

NT1 lithium fluorides

NT1 lutetium fluorides

NT1 magnesium fluorides

NT1 manganese fluorides

NT1 mercury fluorides

NT1 molybdenum fluorides

NT1 neodymium fluorides

NT1 neon fluorides

NT1 neptunium fluorides

NT1 nickel fluorides

NT1 niobium fluorides

NT1 nitrogen fluorides

NT1 osmium fluorides

NT1 palladium fluorides

NT1 phosphorus fluorides

NT1 platinum fluorides

NT1 plutonium fluorides

NT1 polonium fluorides

NT1 potassium fluorides

NT1 praseodymium fluorides

NT1 promethium fluorides

NT1 protactinium fluorides

NT1 radium fluorides

NT1 radon fluorides

NT1 rhenium fluorides

NT1 rhodium fluorides

NT1 rubidium fluorides

NT1 ruthenium fluorides

NT1 samarium fluorides

NT1 scandium fluorides

NT1 selenium fluorides

NT1 silicon fluorides

NT1 silver fluorides

NT1 sodium fluorides

NT1 strontium fluorides

NT1 sulfur fluorides

NT1 tantalum fluorides

NT1 technetium fluorides

NT1 tellurium fluorides

NT1 terbium fluorides

NT1 thallium fluorides

NT1 thorium fluorides

NT1 thulium fluorides

NT1 tin fluorides

NT1 titanium fluorides

NT1 tungsten fluorides

NT1 uranium fluorides

NT2 uranium hexafluoride

NT2 uranium pentafluoride

NT2 uranium tetrafluoride

NT1 uranyl fluorides

NT1 vanadium fluorides

NT1 xenon fluorides

NT1 ytterbium fluorides

NT1 yttrium fluorides

NT1 zinc fluorides

NT1 zirconium fluorides

RT fluorine additions

RT oxyfluorides

FLUORIMETERS

Instrument for measuring fluorescent radiation emitted by a sample exposed to monochromatic radiation, used in chemical analysis or to determine the intensity of the radiation producing fluorescence.

UF fluorimeters

BT1 measuring instruments

RT fluorescence spectroscopy

fluorimetry

USE fluorescence spectroscopy

FLUORINATED ALICYCLIC HYDROCARBONS

2000-04-12

*BT1 halogenated alicyclic hydrocarbons

*BT1 organic fluorine compounds

FLUORINATED ALIPHATIC HYDROCARBONS

1991-09-30

(Prior to October 1991, this concept was indexed by ORGANIC FLUORINE COMPOUNDS.)

UF poly(vinylidene fluoride)

*BT1 halogenated aliphatic hydrocarbons

*BT1 organic fluorine compounds

NT1 carbon tetrafluoride

NT1 fluorofom

NT1 methyl fluoride

NT1 polytetrafluoroethylene

NT2 teflon

NT1 tedlar

RT chlorofluorocarbons

FLUORINATED AROMATIC HYDROCARBONS

1991-10-01

*BT1 halogenated aromatic hydrocarbons

*BT1 organic fluorine compounds

fluorinated hydrocarbons

ETDE: 2002-06-13

USE organic fluorine compounds

FLUORINATION

*BT1 halogenation

FLUORINE

UF fluorine fluorides

*BT1 halogens

FLUORINE 14

*BT1 fluorine isotopes

*BT1 light nuclei

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

FLUORINE 15

INIS: 1978-11-24; ETDE: 1978-09-11

*BT1 fluorine isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

FLUORINE 16

*BT1 fluorine isotopes

*BT1 light nuclei

*BT1 odd-odd nuclei

FLUORINE 16 TARGET

INIS: 1992-09-22; ETDE: 1977-05-07

BT1 targets

FLUORINE 17

*BT1 beta-plus decay radioisotopes

*BT1 fluorine isotopes

*BT1 light nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

FLUORINE 17 TARGET

1998-01-29

BT1 targets

FLUORINE 18

*BT1 beta-plus decay radioisotopes

*BT1 fluorine isotopes

*BT1 hours living radioisotopes

*BT1 isomeric transition isotopes

*BT1 light nuclei

*BT1 nanoseconds living radioisotopes

*BT1 odd-odd nuclei

FLUORINE 18 TARGET

INIS: 1980-04-02; ETDE: 1979-08-09

BT1 targets

FLUORINE 19

*BT1 fluorine isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

*BT1 stable isotopes

RT fluorine 19 reactions

FLUORINE 19 BEAMS

INIS: 1976-10-07; ETDE: 1976-11-01

*BT1 ion beams

FLUORINE 19 REACTIONS

*BT1 heavy ion reactions

RT fluorine 19

FLUORINE 19 TARGET

ETDE: 1976-07-09

BT1 targets

FLUORINE 20

*BT1 beta-minus decay radioisotopes

*BT1 fluorine isotopes

- *BT1 light nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

FLUORINE 21

- *BT1 beta-minus decay radioisotopes
- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

FLUORINE 22

- *BT1 beta-minus decay radioisotopes
- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

FLUORINE 23

- *BT1 beta-minus decay radioisotopes
- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

FLUORINE 24

- *BT1 beta-minus decay radioisotopes
- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

FLUORINE 25

- *BT1 beta-minus decay radioisotopes
- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei

FLUORINE 26

INIS: 1980-07-24; ETDE: 1980-02-11

- *BT1 beta-minus decay radioisotopes
- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 odd-odd nuclei

FLUORINE 27

INIS: 1986-04-02; ETDE: 1981-12-14

- *BT1 beta-minus decay radioisotopes
- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei

FLUORINE 28

2007-01-30

- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-odd nuclei

FLUORINE 29

INIS: 1989-09-14; ETDE: 1989-10-16

- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei

FLUORINE 30

2007-01-30

- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-odd nuclei

FLUORINE 31

2007-01-30

- *BT1 fluorine isotopes
- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-even nuclei

FLUORINE ADDITIONS

1989-07-20

- RT* crystal doping
- RT* doped materials

RT fluorides

fluorine bromides

USE bromine fluorides

fluorine chlorides

USE chlorine fluorides

FLUORINE COMPLEXES

BT1 complexes

FLUORINE COMPOUNDS

BT1 halogen compounds

NT1 fluorates

NT1 fluorides

NT2 actinium fluorides

NT2 aluminium fluorides

NT2 americium fluorides

NT2 ammonium fluorides

NT2 antimony fluorides

NT2 argon fluorides

NT2 arsenic fluorides

NT2 barium fluorides

NT2 berkelium fluorides

NT2 beryllium fluorides

NT2 bismuth fluorides

NT2 boron fluorides

NT2 bromine fluorides

NT2 cadmium fluorides

NT2 calcium fluorides

NT2 californium fluorides

NT2 carbon fluorides

NT2 cerium fluorides

NT2 cesium fluorides

NT2 chlorine fluorides

NT2 chromium fluorides

NT2 cobalt fluorides

NT2 copper fluorides

NT2 curium fluorides

NT2 dysprosium fluorides

NT2 einsteinium fluorides

NT2 erbium fluorides

NT2 europium fluorides

NT2 gadolinium fluorides

NT2 gallium fluorides

NT2 germanium fluorides

NT2 gold fluorides

NT2 hafnium fluorides

NT2 holmium fluorides

NT2 hydrogen fluorides

NT2 indium fluorides

NT2 iodine fluorides

NT2 iridium fluorides

NT2 iron fluorides

NT2 krypton fluorides

NT2 lanthanum fluorides

NT2 lead fluorides

NT2 lithium fluorides

NT2 lutetium fluorides

NT2 magnesium fluorides

NT2 manganese fluorides

NT2 mercury fluorides

NT2 molybdenum fluorides

NT2 neodymium fluorides

NT2 neon fluorides

NT2 neptunium fluorides

NT2 nickel fluorides

NT2 niobium fluorides

NT2 nitrogen fluorides

NT2 osmium fluorides

NT2 palladium fluorides

NT2 phosphorus fluorides

NT2 platinum fluorides

NT2 plutonium fluorides

NT2 polonium fluorides

NT2 potassium fluorides

NT2 praseodymium fluorides

NT2 promethium fluorides

NT2 protactinium fluorides

NT2 radium fluorides

NT2 radon fluorides

NT2 rhenium fluorides

NT2 rhodium fluorides

NT2 rubidium fluorides

NT2 ruthenium fluorides

NT2 samarium fluorides

NT2 scandium fluorides

NT2 selenium fluorides

NT2 silicon fluorides

NT2 silver fluorides

NT2 sodium fluorides

NT2 strontium fluorides

NT2 sulfur fluorides

NT2 tantalum fluorides

NT2 technetium fluorides

NT2 tellurium fluorides

NT2 terbium fluorides

NT2 thallium fluorides

NT2 thorium fluorides

NT2 thulium fluorides

NT2 tin fluorides

NT2 titanium fluorides

NT2 tungsten fluorides

NT2 uranium fluorides

NT3 uranium hexafluoride

NT3 uranium pentafluoride

NT3 uranium tetrafluoride

NT2 uranyl fluorides

NT2 vanadium fluorides

NT2 xenon fluorides

NT2 ytterbium fluorides

NT2 yttrium fluorides

NT2 zinc fluorides

NT2 zirconium fluorides

NT1 fluorine oxides

NT1 fluoroborates

NT1 fluoroboric acid

NT1 hydrofluoric acid

NT1 hypofluorous acid

NT1 oxyfluorides

RT organic fluorine compounds

fluorine fluorides

USE fluorine

fluorine iodides

USE iodine fluorides

FLUORINE IONS

*BT1 ions

FLUORINE ISOTOPES

1999-07-16

BT1 isotopes

NT1 fluorine 14

NT1 fluorine 15

NT1 fluorine 16

NT1 fluorine 17

NT1 fluorine 18

NT1 fluorine 19

NT1 fluorine 20

NT1 fluorine 21

NT1 fluorine 22

NT1 fluorine 23

NT1 fluorine 24

NT1 fluorine 25

NT1 fluorine 26

NT1 fluorine 27

NT1 fluorine 28

NT1 fluorine 29

NT1 fluorine 30

NT1 fluorine 31

FLUORINE OXIDES

UF oxygen fluorides

*BT1 fluorine compounds

*BT1 oxides

RT oxyfluorides

FLUORITE

*BT1 halide minerals

RT calcium fluorides

FLUOROBORATES

1999-04-07

BT1 boron compounds
 *BT1 fluorine compounds
 RT boron fluorides
 RT fluoroboric acid

FLUOROBORIC ACID

INIS: 1991-09-16; ETDE: 1985-02-22

BT1 boron compounds
 *BT1 fluorine compounds
 *BT1 inorganic acids
 RT fluoroborates

fluorod

USE rpl dosemeters

FLUORODEOXYGLUCOSE

INIS: 1986-05-23; ETDE: 1985-10-25

*BT1 antimetabolites
 RT glucose

fluorodeoxyuridine

USE fudr

FLUOROESTRADIOL

2018-01-25

*BT1 estradiol
 *BT1 organic fluorine compounds

FLUOROFORM

*BT1 fluorinated aliphatic hydrocarbons
 RT hydrocarbons
 RT methane

fluorometers

ETDE: 2002-06-13

USE fluorimeters

FLUOROSCOPY

*BT1 biomedical radiography
 RT image intensifiers
 RT x radiation

FLUOROTHYIMIDINE

2018-01-25

*BT1 organic fluorine compounds
 *BT1 thymidine

FLUOROURACILS

*BT1 antimetabolites
 *BT1 organic fluorine compounds
 *BT1 uracils
 NT1 fudr

fluorox process

1996-06-26

(Until June 1996 this was a valid descriptor.)

USE reprocessing

fluors

INIS: 1975-12-17; ETDE: 1976-05-17

USE phosphors

flurex process

2000-04-12

(Prior to March 1996 this was a valid ETDE descriptor.)

USE reprocessing

FLUTE INSTABILITY

UF interchange instability
 *BT1 plasma macroinstabilities
 RT hydrodynamics
 RT mercier criterion

flux (cosmic ray)

USE cosmic ray flux

flux (magnetic)

USE magnetic flux

flux (metallurgy)

USE metallurgical flux

flux (neutron)

USE neutron flux

flux (radiation)

INIS: 1976-03-25; ETDE: 1976-05-17

USE radiation flux

flux conserving tokamaks

INIS: 2000-04-12; ETDE: 1979-08-07

(Prior to February 1995, this was a valid ETDE descriptor.)

USE tokamak devices

flux cored arc welding

ETDE: 2002-06-13

USE arc welding

FLUX DENSITY

Coordinate with descriptors for the flux considered, e.g., MAGNETIC FLUX, NEUTRON FLUX, etc.

UF density (flux)

UF neutron flux density

NT1 radiant flux density

RT magnetic flux

RT poynting theorem

RT radiation flux

flux jumps

USE magnetic flux

flux pinning

USE magnetic flux

FLUX PUMPS

1975-08-22

A cryogenic dc generator.

UF superconducting flux pumps

*BT1 electric generators

BT1 superconducting devices

FLUX QUANTIZATION

1975-10-09

RT magnetic flux

RT superconductivity

flux surfaces

INIS: 1988-11-16; ETDE: 2002-06-13

USE magnetic surfaces

FLUX SYNTHESIS

RT neutron diffusion equation

RT neutron flux

FLUXGATE MAGNETOMETERS

UF saturable core magnetometers

*BT1 magnetometers

FLUXMETERS

BT1 measuring instruments

NT1 squid devices

RT magnetometers

fluxoids

USE magnetic flux

FLY ASH

UF pulverized fuel ash

*BT1 aerosol wastes

*BT1 ashes

RT air pollution

RT lime-soda sinter process

RT particulates

RT solid wastes

FLYING SPOT DIGITIZERS

Mechanical flying spot digitizers; see also

CATHODE RAY TUBE DIGITIZERS.

UF fsd devices

UF hough-powell devices

UF hpd devices

*BT1 digitizers

FLYWHEEL ENERGY STORAGE

INIS: 1993-03-25; ETDE: 1976-10-13

*BT1 energy storage

RT flywheel-powered vehicles

RT flywheels

FLYWHEEL-POWERED VEHICLES

INIS: 2000-04-12; ETDE: 1979-03-27

BT1 vehicles

RT flywheel energy storage

RT flywheels

FLYWHEELS

*BT1 energy storage systems

BT1 mechanical energy storage equipment

BT1 rotors

RT energy storage

RT flywheel energy storage

RT flywheel-powered vehicles

fm cyclotrons

INIS: 1985-10-23; ETDE: 2002-06-13

Frequency-modulated cyclotrons.

USE synchrocyclotrons

FM DEVICES

Floating multipoles.

*BT1 internal ring devices

RT multipolar configurations

FMC DOUBLE ALKALI PROCESS

INIS: 2000-04-12; ETDE: 1979-05-25

Desulfurization process in which sulfur dioxide is absorbed in sodium sulfite forming bisulfite. This solution is reacted with slaked lime to form solid calcium sulfite and regenerate the sodium sulfite.

*BT1 desulfurization

RT waste processing

FMCT

2010-03-03

UF fissile materials cut-off treaty

BT1 treaties

RT arms control

RT nuclear disarmament

RT nuclear freeze

RT nuclear weapons

fmit facility

INIS: 2000-04-12; ETDE: 1979-08-09

USE fmit linac

FMIT LINAC

INIS: 1979-12-20; ETDE: 1980-01-24

Linear accelerator at the Hanford Fusion

Materials Irradiation Test facility.

UF fmit facility

*BT1 linear accelerators

RT materials testing

RT quadrupole linacs

RT thermonuclear reactor materials

FMRB REACTOR

Physikalisch-Technische Bundesanstalt, Braunschweig, Niedersachsen, Federal Republic of Germany. Decommissioned since 2005.

UF braunschweig experimental reactor

UF braunschweig research reactor

UF forschungs und messreaktor

braunschweig

*BT1 enriched uranium reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 test reactors

FNR REACTOR

Univ. of Michigan, Ann Arbor, Michigan, USA.

UF *ford nuclear reactor*

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 test reactors

*BT1 thermal reactors

*BT1 training reactors

fns facilities

2016-06-09

USE fusion neutron source facilities

foam-lift cycles

INIS: 2000-04-12; ETDE: 1980-08-12

(Prior to February 1995, this was a valid ETDE descriptor.)

USE lift cycles

FOAM SEPARATION

BT1 separation processes

RT flotation

RT foams

FOAMS

*BT1 colloids

NT1 plastic foams

NT1 urea-formaldehyde foams

RT boiling detection

RT bubbles

RT foam separation

foce verde reactor

USE latina reactor

fock method

USE hartree-fock method

FOCK REPRESENTATION

RT mathematical space

RT quantum field theory

fock self-consistent field

USE hartree-fock method

FOCUSING

RT beam optics

RT beam shaping

RT tomography

FOCUSONS

1976-03-17

Focused collision sequences behaving like particles in solids.

BT1 quasi particles

focussed logging

INIS: 2000-06-27; ETDE: 1979-05-02

USE resistivity logging

fodder

INIS: 1975-11-27; ETDE: 2002-06-13

USE animal feeds

FOG

INIS: 1999-03-17; ETDE: 1977-03-08

RT atmospheric precipitations

RT vapor condensation

RT visibility

RT water vapor

fog (sprays)

USE sprays

FOG COOLED REACTORS

BT1 reactors

RT core spray systems

RT fog cooling

FOG COOLING

BT1 cooling

RT core spray systems

RT fog cooled reactors

RT spray cooling

FOILS

Thinner than plates or sheets.

RT films

RT plates

RT sheets

fokker-planck coefficients

USE fokker-planck equation

FOKKER-PLANCK EQUATION

UF *bessel differential equation*

UF *fokker-planck coefficients*

SF *kolmogorov equation*

*BT1 partial differential equations

RT ionized gases

RT transport theory

FOLDING MODEL

INIS: 1989-11-24; ETDE: 1989-12-08

*BT1 nuclear models

FOLDY-WOUTHUYSEN TRANSFORM

*BT1 canonical transformations

RT dirac equation

foliage

USE leaves

FOLIAR UPTAKE

UF *absorption (leaves)*

BT1 uptake

RT leaves

FOLIC ACID

UF *formylpteroic acid*

UF *pteroylglutamic acid*

UF *rhizopterin*

*BT1 amino acids

*BT1 hematinics

*BT1 hydroxy compounds

*BT1 pteridines

*BT1 vitamin b group

RT anemias

RT blood coagulation factors

RT citrovorum factor

RT paba

folinic acid

USE citrovorum factor

follicle stimulating hormone

USE fsh

fong-newton theory

1996-07-18

(Prior to March 1997 FONG THEORY was used for this concept in ETDE.)

SEE fission products

fong theory

1996-07-18

(Until July 1996 this was a valid descriptor.)

SEE fission products

fontenay-aux-roses (cea)

USE cea fontenay-aux-roses

fontina event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

FOOD

UF *condiments*

UF *foodstuffs*

UF *seasonings*

NT1 animal feeds

NT2 forage

NT1 beverages

NT1 bread

NT1 cocoa products

NT1 flour

NT1 fruits

NT2 apples

NT2 apricots

NT2 avocados

NT2 bananas

NT2 berries

NT3 blueberries

NT3 raspberries

NT3 strawberries

NT2 cherries

NT2 coconuts

NT2 dates

NT2 figs

NT2 grapefruits

NT2 grapes

NT2 lemons

NT2 mangoes

NT2 nuts

NT3 chestnuts

NT2 olives

NT2 oranges

NT2 papayas

NT2 peaches

NT2 pears

NT2 pineapples

NT2 plums

NT2 tomatoes

NT1 honey

NT1 meat

NT1 milk

NT1 milk products

NT2 butter

NT2 cheese

NT2 whey

NT1 molasses

NT1 seafood

NT1 vegetables

NT2 beans

NT3 mungbeans

NT2 beets

NT3 sugar beets

NT2 brassica

NT3 kale

NT2 carrots

NT2 cucumbers

NT2 garlic

NT2 lettuce

NT2 onions

NT3 allium cepa

NT2 peas

NT2 peppers

NT2 potatoes

NT2 radishes

NT2 soybeans

NT2 spinach

NT2 yams

RT agriculture

RT biological materials

RT carbohydrates

RT cassava

RT cereals

RT consumer products

RT crops

RT diet

RT drinking water

RT eggs

RT fao

RT fats

RT feeding

RT fishes

RT food additives

RT food chains

RT food processing

RT fowl

RT ifip
 RT ingestion
 RT nutrients
 RT nutrition
 RT organoleptic properties
 RT preservation
 RT proteins
 RT radappertization
 RT radication
 RT radiopreservation
 RT radurization
 RT restaurants
 RT seeds
 RT spices
 RT sterilization
 RT vitamins
 RT wholesomeness

FOOD ADDITIVES

INIS: 1992-03-26; ETDE: 1992-02-05

BT1 additives
 RT animal feeds
 RT diet
 RT drugs
 RT food
 RT vitamins

food and agriculture organization

2000-04-12

USE fao

food and drug administration

INIS: 1978-11-27; ETDE: 1978-06-14

USE us fda

FOOD CHAINS

RT diet
 RT environmental exposure pathway
 RT fallout deposits
 RT food
 RT plaice
 RT predator-prey interactions
 RT radioecological concentration
 RT radionuclide migration

food disposers

INIS: 2000-04-12; ETDE: 1977-06-21

(Prior to September 1994, this was a valid ETDE descriptor.)

SEE electric appliances

FOOD INDUSTRY

INIS: 1992-03-18; ETDE: 1977-01-10

BT1 industry
 NT1 dairy industry
 NT1 meat industry
 RT beverage industry
 RT food processing
 RT restaurants
 RT whey

food irradiation

2000-04-12

USE food processing
 USE irradiation

food irradiation (radiopasteurization)

INIS: 1993-11-08; ETDE: 2002-06-13

USE radication

food irradiation (radiopreservation)

INIS: 1993-11-08; ETDE: 2002-06-13

USE radurization

food irradiation (radiosterilization)

INIS: 1993-11-08; ETDE: 1995-05-05

USE radappertization

FOOD PROCESSING

INIS: 2000-02-01; ETDE: 1976-07-07

Processing of food by individuals or large-scale commercial establishments.

UF baking (food)
 UF canning (food)
 UF cooking (food)
 UF food irradiation
 UF freezing (food)
 UF processing (food)
 SF cooking
 BT1 processing
 NT1 pasteurization
 NT2 radication
 NT1 radappertization
 NT1 radurization
 RT food
 RT food industry
 RT heat treatments
 RT preservation
 RT radiopreservation
 RT storage life

foodstuffs

USE food

FORAGE

*BT1 animal feeds
 BT1 plants
 RT cattle
 RT clover
 RT glycine hispida
 RT gramineae
 RT grazing
 RT pastures

FORAMINIFERA

INIS: 1992-04-27; ETDE: 1976-05-13

An order of sarcodine protozoa, characterized by delicate calcareous shells with holes through which pseudopods are extruded.

*BT1 sarcodina

FORATOM

INIS: 1978-02-23; ETDE: 1978-04-28

Forum Atomique Europeen.

BT1 international organizations

FORBIDDEN TRANSITIONS

UF transitions (forbidden)
 BT1 energy-level transitions
 RT decay
 RT selection rules

FORBUSH DECREASE

UF forrush depression
 UF forrush event
 RT cosmic radiation
 RT magnetic storms
 RT solar flares
 RT solar wind

forrush depression

USE forrush decrease

forrush event

USE forrush decrease

FORCE-FREE MAGNETIC FIELDS

BT1 magnetic fields
 RT astrophysics

FORCED CONVECTION

Heat transfer by forced convection.

UF forced draft cooling towers
 UF mechanical draft cooling towers
 *BT1 convection
 RT nusselt number
 RT rayleigh number

forced draft cooling towers

2000-04-12

(Prior to March 1997 MECHANICAL DRAFT COOLING TOWERS was used for this concept in ETDE.)

USE cooling towers
 USE forced convection

forcing functions

INIS: 2000-04-12; ETDE: 1986-11-20

Forces exerted on a system or system component.

(Prior to February 1997 this was a valid ETDE descriptor.)

SEE functions

ford nuclear reactor

USE fnr reactor

FORECASTING

UF prediction
 NT1 delphi method
 NT1 projection series
 RT cost estimation
 RT deterministic estimation
 RT economic policy
 RT economy
 RT evaluation
 RT management
 RT market
 RT planning
 RT probabilistic estimation
 RT regression analysis
 RT schedules
 RT time-series analysis
 RT weather

FOREIGN EXCHANGE RATE

INIS: 1992-07-23; ETDE: 1980-03-29

The price of one currency in terms of another.

UF exchange rate
 RT economics
 RT trade

FOREIGN POLICY

INIS: 1996-01-09; ETDE: 1976-08-04

SF policy
 BT1 government policies
 RT economic policy
 RT embargoes
 RT energy policy
 RT exports
 RT imports
 RT international agreements
 RT international cooperation
 RT military assistance
 RT salt talks

forensic science

INIS: 2000-04-12; ETDE: 1978-08-07

USE crime detection

FORESHOCKS

INIS: 2000-04-12; ETDE: 1978-07-05

Small tremors that commonly precede a larger earthquake by seconds to weeks and that originate at or near the focus of the larger earthquake.

RT aftershocks
 RT earthquakes

FOREST LITTER

Natural organic debris on the forest floor.

*BT1 biological materials
 RT coppices
 RT ecosystems
 RT forests
 RT humus
 RT leaves

FORESTRY

INIS: 1992-03-27; ETDE: 1977-07-23

- NT1 silviculture
- RT deforestation
- RT forests
- RT harvesting equipment
- RT paper industry
- RT short rotation cultivation
- RT wood products industry

FORESTS

- NT1 coppices
- RT canopies
- RT deforestation
- RT forest litter
- RT forestry
- RT ground cover
- RT interception
- RT redd
- RT stand density
- RT terrestrial ecosystems
- RT throughfall
- RT trees

FORGE WELDING

- UF roll welding
- *BT1 welding

FORGING

- *BT1 materials working
- RT cold working
- RT dies
- RT hot working
- RT presses
- RT pressing
- RT swaging

FORKED RIVER-1 REACTOR

Jersey Central Power and Light Co., Forked River, New Jersey, USA. Canceled in 1980 before construction began.

- UF oyster creek-2 reactor
- *BT1 pwr type reactors

FORM FACTORS

- BT1 dimensionless numbers
- BT1 particle properties
- NT1 dirac form factors
- NT1 electromagnetic form factors
- NT1 pauli form factors
- RT nuclear reactions
- RT vertex functions

formal (methylal)

- USE methylal

FORMALDEHYDE

- UF formalin
- UF formalith
- UF formic aldehyde
- UF formol
- UF oxymethylene
- *BT1 aldehydes
- RT bakelite
- RT formyl radicals
- RT methylal
- RT polyoxymethylenes
- RT urea-formaldehyde foams

FORMALDEHYDE FUEL CELLS

INIS: 2000-04-12; ETDE: 1976-01-07

- *BT1 fuel cells

formaldehydedimethylacetal

- USE methylal

formalin

- USE formaldehyde

formalith

- USE formaldehyde

FORMAMIDE

- *BT1 amides
- RT formic acid

FORMATE FUEL CELLS

2000-04-12

- *BT1 fuel cells

FORMATES

- 1976-02-24
- BT1 carboxylic acid salts
- RT formic acid

formation (synthesis)

1975-10-22

- USE synthesis

FORMATION DAMAGE

INIS: 1992-08-13; ETDE: 1983-01-21
Damage to rock surrounding a borehole that adversely affects well productivity.

- UF condition ratio
- UF damage factor
- UF damage ratio
- UF damage zone
- UF improvement ratio
- UF permeability damage
- UF permeability reduction
- UF porosity reduction
- UF productivity factor
- UF skin damage
- UF skin effect (well)
- UF well bore damage
- UF well skin effect
- RT boreholes
- RT geologic formations
- RT porosity
- RT reservoir rock
- RT wells

formation enthalpy

INIS: 1975-09-01; ETDE: 2002-06-13

- USE formation heat

FORMATION FREE ENERGY

- *BT1 free energy
- RT formation heat

FORMATION FREE ENTHALPY

INIS: 1976-03-25; ETDE: 1976-05-17

- UF gibbs formation free energy
- *BT1 free enthalpy
- RT entropy
- RT formation heat

FORMATION HEAT

- UF enthalpy of formation
- UF formation enthalpy
- UF heat of formation
- *BT1 reaction heat
- RT dissociation energy
- RT dissociation heat
- RT formation free energy
- RT formation free enthalpy
- RT thermochemical heat storage

formation pressure

INIS: 1986-07-09; ETDE: 1978-09-11

- USE reservoir pressure

formation water

INIS: 1994-08-26; ETDE: 1976-11-17

- USE interstitial water

FORMED COKE PROCESSES

INIS: 2000-04-12; ETDE: 1976-08-24
Processes for forming compressed coal briquettes of uniform size and with sufficient strength after carbonization for blast furnace use.

- RT briquetting
- RT coke

- RT coke ovens

former yugoslav republic of macedonia

INIS: 1997-06-05; ETDE: 1998-04-10

- USE the former yugoslav republic of macedonia

FORMIC ACID

- *BT1 monocarboxylic acids
- RT formamide
- RT formates

FORMIC ACID FUEL CELLS

INIS: 2000-04-12; ETDE: 1976-04-19

- *BT1 fuel cells

formic aldehyde

- USE formaldehyde

forming (materials)

- USE materials working

formol

- USE formaldehyde

formosa

2000-04-12

- USE taiwan

FORMVAR

- *BT1 plastics
- *BT1 polyacetals

FORMYL RADICALS

- *BT1 acyl radicals
- RT formaldehyde

formylpteroic acid

- USE folic acid

forschungs und messreaktor braunschweig

- USE fmr reactor

forschungsreaktor-2 frankfurt

- USE frf-2 reactor

forschungsreaktor berlin-2

- USE ber-2 reactor

forschungsreaktor frankfurt

- USE frf reactor

forschungsreaktor geesthacht-1

- USE frg-1 reactor

forschungsreaktor geesthacht-2

- USE frg-2 reactor

forschungsreaktor muenchen

- USE frm reactor

forschungsreaktor neuherberg

- USE frn reactor

FORSCHUNGSZENTRUM JUELICH

1995-03-27

Until March 1995 this was known as KERNFORSCHUNGSANLAGE JUELICH.

- UF juelich (kernforschungsanlage)
- UF kernforschungsanlage juelich
- *BT1 german fr organizations

FORSCHUNGSZENTRUM KARLSRUHE

1995-10-25

Until October 1995 this was known as KERNFORSCHUNGSZENTRUM KARLSRUHE.

- UF karlsruhe (forschungszentrum)
- UF karlsruhe (kernforschungszentrum)
- UF karlsruhe nuclear research center

UF kernforschungszentrum karlsruhe
 *BT1 german fr organizations

FORSMARK-1 REACTOR

Oesthammar, Uppsala, Sweden.
 *BT1 bwr type reactors

FORSMARK-2 REACTOR

INIS: 1977-02-08; ETDE: 1977-04-13
 Oesthammar, Uppsala, Sweden.
 *BT1 bwr type reactors

FORSMARK-3 REACTOR

INIS: 1976-09-06; ETDE: 1976-11-01
 Oesthammar, Uppsala, Sweden.
 *BT1 bwr type reactors

fort calhoun-1 reactor

INIS: 1999-04-15; ETDE: 1978-09-13
 USE calhoun-1 reactor

fort calhoun-2 reactor

INIS: 1999-04-15; ETDE: 1978-09-13
 USE calhoun-2 reactor

fort shevchenko reactor

USE bn-350 reactor

fort st. vrain reactor

USE vrain reactor

fort worth astr reactor

2000-04-12
 USE astr reactor

fort worth gtr reactor

USE gtr reactor

forth

INIS: 2000-04-12; ETDE: 1986-09-05
 (Prior to September 1994, this was a valid
 ETDE descriptor.)
 USE programming languages

fortissimo reactor

INIS: 2000-04-12; ETDE: 1975-08-19
 USE rapsodie reactor

FORTTRAN

BT1 programming languages

FOSSIL-FUEL POWER PLANTS

1997-06-19
 UF mine-mouth generating plants
 UF san juan power plant
 *BT1 thermal power plants
 NT1 kingston steam plant
 NT1 paradise steam plant
 NT1 shawnee steam plant
 NT1 widows creek steam plant
 RT boiler fuels
 RT coal-fired gas turbines
 RT mhd power plants
 RT solar repowering
 RT us power plant and industrial fuel use
 act

fossil fuel reserves

USE fossil fuels
 USE reserves

FOSSIL FUELS

UF fossil fuel reserves
 BT1 energy sources
 BT1 fuels
 NT1 coal
 NT2 black coal
 NT3 anthracite
 NT3 bituminous coal
 NT2 brown coal
 NT3 lignite
 NT2 coal fines
 NT2 high-sulfur coal

NT2 low-sulfur coal
 NT2 sapropelic coal
 NT3 boghead coal
 NT4 torbanite
 NT3 cannel coal
 NT2 subbituminous coal
 NT1 natural gas
 NT2 abiogenic gas
 NT2 compressed natural gas
 NT2 liquefied natural gas
 NT1 oil sands
 NT1 oil shales
 NT2 black shales
 NT1 peat
 NT1 petroleum
 NT2 petroleum fractions
 NT3 petroleum distillates
 NT4 gas oils
 NT5 diesel fuels
 NT5 fuel oils
 NT6 heating oils
 NT6 residual fuels
 NT5 kerosene
 NT3 petroleum residues
 NT3 refinery gases
 NT2 residual petroleum
 NT2 shale oil
 NT3 shale oil fractions
 NT2 sour crudes
 RT briquets
 RT coke
 RT fuel feeding systems
 RT fuel substitution
 RT us power plant and industrial fuel use
 act

FOSSILS

INIS: 1980-07-24; ETDE: 1978-02-14
*Remains, traces, or imprints of organisms
 preserved in the earth's crust some time in
 geologic past.*
 UF plant fossils
 UF skeletal fossils
 RT animals
 RT archaeological specimens
 RT biological evolution
 RT paleoclimatology
 RT paleontology
 RT sedimentary rocks

foster wheeler gasification process

INIS: 2000-04-12; ETDE: 1977-05-07
 USE combined-cycle fw process

foucault current

2000-04-12
*Current induced in interior of conductors by
 variations of magnetic flux. Current induced
 in interior of conductors by variations of
 magnetic flux.*
 (Prior to September 1994, this was a valid
 ETDE descriptor.)
 USE electric currents
 USE magnetic flux

FOULING

INIS: 1996-05-14; ETDE: 1975-11-28
*Deposition of unwanted materials on
 equipment, e.g., heat exchangers, usually in a
 water environment.*
 NT1 biological fouling
 RT antifoulants
 RT contamination
 RT corrosion
 RT deposition
 RT deposits
 RT filters
 RT impingement
 RT screens
 RT water pollution

FOUNDATIONS

1975-12-17
 UF building foundations
 UF piles
 *BT1 supports
 RT basements
 RT buildings
 RT construction
 RT soil-structure interactions

FOUNDRIES

INIS: 1993-06-04; ETDE: 1976-08-04
 BT1 industrial plants
 RT casting
 RT metal industry

FOUR-BODY PROBLEM

BT1 many-body problem

**FOUR-DIMENSIONAL
CALCULATIONS**

UF 4-dimensional calculations
 UF calculations (4-dimensional)
 RT many-dimensional calculations
 RT mathematics

four-fermion interaction

USE fermi interactions

FOUR MOMENTUM TRANSFER

INIS: 1978-02-23; ETDE: 1978-04-28
 UF transfer (four momentum)
 UF transfer (q-squared)
 BT1 momentum transfer
 RT cross sections
 RT electromagnetic form factors
 RT linear momentum transfer
 RT particle interactions
 RT rosenbluth formula
 RT scattering

four-nucleon structure

USE quartet model

**FOUR-NUCLEON TRANSFER
REACTIONS**

*BT1 multi-nucleon transfer reactions
 NT1 alpha-transfer reactions

FOUR-PI COUNTING

BT1 counting techniques
 RT four-pi detectors

FOUR-PI DETECTORS

1994-06-29
 *BT1 radiation detectors
 RT four-pi counting
 RT nica mpd detector

four wave mixing

INIS: 2000-04-12; ETDE: 1986-01-14
 USE frequency mixing

FOURIER ANALYSIS

UF analysis (fourier)
 RT frequency analysis
 RT mathematics
 RT normal-mode analysis

FOURIER HEAT EQUATION

*BT1 partial differential equations
 RT heat transfer

**FOURIER TRANSFORM
SPECTROMETERS**

INIS: 1991-10-22; ETDE: 1983-07-20
 *BT1 spectrometers
 RT emission spectroscopy

FOURIER TRANSFORMATION

*BT1 integral transformations

FOURMARIERITE

2000-04-12

*BT1 uranium minerals

RT lead oxides

RT uranium oxides

FOURTH SOUND

RT sound waves

RT superfluidity

FOWL

1997-06-17

UF poultry

*BT1 birds

NT1 chickens

NT1 ducks

NT1 geese

RT food

RT pigeons

fowler equation

USE fowler-nordheim theory

FOWLER-NORDHEIM THEORY

UF fowler equation

RT photoelectric effect

FOXES

INIS: 1993-02-18; ETDE: 1985-03-12

UF urocyon

UF vulpes

*BT1 mammals

RT coyotes

RT dogs

RT wild animals

RT wolves

fpc

INIS: 2000-04-12; ETDE: 1976-10-13

USE us federal power commission

fpc gas areas

INIS: 2000-04-12; ETDE: 1979-12-10

USE ferc gas areas

FR-0 REACTOR

UF studsvik fr-0 reactor

*BT1 enriched uranium reactors

*BT1 fast reactors

*BT1 research reactors

*BT1 training reactors

*BT1 zero power reactors

FR-2 REACTOR

Gesellschaft fuer Kernforschung mbH,
Karlsruhe, Baden-Wuerttemberg, Federal
Republic of Germany. Decommissioned since
1996.

UF karlsruhe research reactor fr-2

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 test reactors

*BT1 thermal reactors

fracer-fulco method

USE dispersion relations

FRACTALS

INIS: 1987-05-26; ETDE: 1987-06-09

Fractals have structure which looks the same
for any level of magnification.

RT metrics

RT topology

**FRACTIONAL-PARENTAGE
COEFFICIENTS**

Numerical coefficients for proper
antisymmetric combinations of wave functions

for (n-1) and 1 particles to form wave
functions for n-particle states.

RT n*baryons

RT orbital angular momentum

RT wave functions

FRACTIONATED IRRADIATION

UF dose fractionation

UF split dose irradiation

BT1 irradiation

RT cumulative radiation effects

RT dose-response relationships

RT radiotherapy

RT temporal dose distributions

FRACTIONATION

1985-12-10

BT1 separation processes

RT dissolution

RT distillation

RT two-dimensional electrophoresis

FRACTOGRAPHY

RT ceramography

RT fractures

RT metallography

RT photomicrography

FRACTURE MECHANICS

INIS: 1980-09-12; ETDE: 1980-10-07

BT1 mechanics

RT crack propagation

RT cracks

RT defects

RT fracture properties

RT fractures

RT stress intensity factors

FRACTURE PROPERTIES

UF fracture strength

UF fracture toughness

UF strength (fracture)

UF toughness (fracture)

BT1 mechanical properties

RT cracks

RT failures

RT fracture mechanics

RT fractures

RT helium embrittlement

RT hydrogen embrittlement

RT ruptures

RT stress intensity factors

fracture strength

USE fracture properties

fracture toughness

USE fracture properties

fractured formations

INIS: 2000-04-12; ETDE: 1977-08-24

USE fractured reservoirs

FRACTURED RESERVOIRS

INIS: 1992-04-29; ETDE: 1977-08-24

UF fissured formations

UF fractured formations

BT1 geologic structures

RT geologic fissures

RT reservoir rock

FRACTURES

1995-09-08

BT1 failures

NT1 hydraulic fractures

NT1 thermal fractures

RT crack propagation

RT cracks

RT defects

RT deformation

RT explosive fracturing

RT fractography

RT fracture mechanics

RT fracture properties

RT fracturing

RT fragmentation

RT geologic fissures

RT geologic fractures

RT hydraulic fracturing

RT ruptures

RT stress intensity factors

fractures (bone)

USE bone fractures

FRACTURING

1981-02-27

NT1 electrolinking

NT1 explosive fracturing

NT1 hydraulic fracturing

NT1 thermal fracturing

RT comminution

RT fractures

RT fragmentation

RT surface mining

RT underground mining

FRACTURING FLUIDS

INIS: 2000-04-12; ETDE: 1982-10-05

UF hydraulic fracturing fluids

BT1 fluids

RT hydraulic fractures

RT hydraulic fracturing

RT well stimulation

FRAGMENTATION

1999-05-19

See also NUCLEAR FRAGMENTATION.
(Until August 1995 this concept was indexed
to MECHANICAL FRAGMENTATION.)

UF mechanical fragmentation

UF shattering

RT comminution

RT crushing

RT fractures

RT fracturing

fragmentation (limiting)

INIS: 1975-11-27; ETDE: 2002-06-13

USE limiting fragmentation

fragments (decay)

USE decay

fragments (fallout)

USE fallout

fragments (fission)

USE fission fragments

fragments (nuclear)

INIS: 1978-11-24; ETDE: 2002-06-13

USE nuclear fragments

fragments (particles)

USE particles

fragments (spallation)

INIS: 1978-11-24; ETDE: 1978-12-20

USE spallation fragments

FRANCE

1997-06-17

BT1 developed countries

*BT1 western europe

NT1 reunion island

RT alps

RT bay of biscay

RT cea

RT cnrs solar facility

RT oecd

RT rhine river

RT rhone river

RT sultz-sous-forets geothermal field

francevillite

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE oxide minerals

USE uranium minerals

FRANCIUM

*BT1 alkali metals

FRANCIUM 199*INIS: 1999-07-21; ETDE: 2002-01-18*

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 200*INIS: 1995-10-03; ETDE: 1995-09-22*

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

FRANCIUM 201*INIS: 1979-05-28; ETDE: 1979-09-06*

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 202*INIS: 1979-05-28; ETDE: 1979-09-06*

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

FRANCIUM 203

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 204

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

FRANCIUM 205

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

FRANCIUM 206

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

FRANCIUM 207

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

FRANCIUM 208

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

FRANCIUM 209

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

FRANCIUM 210

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

FRANCIUM 211

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 minutes living radioisotopes

*BT1 nanoseconds living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 212

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 microseconds living radioisotopes

*BT1 minutes living radioisotopes

*BT1 nanoseconds living radioisotopes

*BT1 odd-odd nuclei

FRANCIUM 213

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 microseconds living radioisotopes

*BT1 nanoseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

FRANCIUM 214

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

FRANCIUM 215

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 nanoseconds living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 216

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 nanoseconds living radioisotopes

*BT1 odd-odd nuclei

FRANCIUM 217

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 microseconds living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 218

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

FRANCIUM 219

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 220

*BT1 alpha decay radioisotopes

*BT1 beta-minus decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

FRANCIUM 221

*BT1 alpha decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 222

*BT1 alpha decay radioisotopes

*BT1 beta-minus decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

FRANCIUM 223*UF actinium k*

*BT1 alpha decay radioisotopes

*BT1 beta-minus decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 224

*BT1 beta-minus decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

FRANCIUM 225

*BT1 beta-minus decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 226*INIS: 1976-07-06; ETDE: 1976-08-24*

*BT1 beta-minus decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

FRANCIUM 227*INIS: 1976-07-06; ETDE: 1975-08-19*

*BT1 beta-minus decay radioisotopes

*BT1 francium isotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

FRANCIUM 228*INIS: 1976-07-06; ETDE: 1975-08-19*

*BT1 beta-minus decay radioisotopes

*BT1 francium isotopes

- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

FRANCIUM 229

INIS: 1979-01-18; ETDE: 1975-08-19

- *BT1 beta-minus decay radioisotopes
- *BT1 francium isotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

FRANCIUM 230

INIS: 1979-05-28; ETDE: 1979-09-06

- *BT1 beta-minus decay radioisotopes
- *BT1 francium isotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

FRANCIUM 231

1985-05-15

- *BT1 beta-minus decay radioisotopes
- *BT1 francium isotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

FRANCIUM 232

INIS: 1990-12-05; ETDE: 1991-01-15

- *BT1 francium isotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

FRANCIUM ADDITIONS

1996-01-24

Alloys containing not more than 1% Fr are listed here.

- *BT1 francium alloys
- RT francium compounds

FRANCIUM ALLOYS

2000-04-12

- BT1 alloys
- NT1 francium additions

FRANCIUM CHLORIDES

1996-07-18

(From July 1996 to January 2007

FRANCIUM COMPOUNDS plus HALIDES was used for this concept.)

- *BT1 chlorides
- *BT1 francium halides

FRANCIUM COMPLEXES

1996-07-18

(From March 1997 to January 2007 ALKALI METAL COMPLEXES was used for this concept.)

- *BT1 alkali metal complexes

FRANCIUM COMPOUNDS

1996-07-18

- BT1 alkali metal compounds
- NT1 francium halides
- NT2 francium chlorides
- RT francium additions

FRANCIUM HALIDES

2007-01-19

- *BT1 francium compounds
- *BT1 halides
- NT1 francium chlorides

FRANCIUM IONS

- *BT1 ions

FRANCIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 francium 199
- NT1 francium 200

- NT1 francium 201
- NT1 francium 202
- NT1 francium 203
- NT1 francium 204
- NT1 francium 205
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- NT1 francium 227
- NT1 francium 228
- NT1 francium 229
- NT1 francium 230
- NT1 francium 231
- NT1 francium 232

FRANCK-CONDON PRINCIPLE

- RT energy-level transitions

frankenstein

- USE scanning measuring projectors

franco-german high flux reactor

- USE grenoble reactor

frank dislocations

ETDE: 2002-06-13

- USE screw dislocations

frank loops

- USE screw dislocations

frank-read source

2000-04-12

A source of dislocation loops in a strained crystal.

(Prior to February 1995, this was a valid ETDE descriptor.)

- SEE dislocations

frankfurt research reactor

- USE frf reactor

frankfurt research reactor-2

- USE frf-2 reactor

FRANKIA

INIS: 2000-04-12; ETDE: 1986-07-08

- *BT1 actinomyces
- RT mycorrhizas
- RT nitrogen fixation
- RT symbiosis

FRASCATI LINAC

- *BT1 linear accelerators
- RT frascati national laboratory

FRASCATI NATIONAL LABORATORY

2016-12-12

- UF laboratori nazionali di frascati
- RT frascati linac
- RT frascati synchrotron
- RT infn

FRASCATI SYNCHROTRON

- *BT1 synchrotrons
- RT frascati national laboratory

frascati tokamak

INIS: 1983-10-14; ETDE: 1983-11-09
USE ft tokamak

FRASER RIVER

INIS: 2000-04-12; ETDE: 1975-11-11

- *BT1 rivers
- RT canada

FRAUD

INIS: 2000-04-12; ETDE: 1983-05-21

- BT1 crime

FRAUNHOFER LINES

- UF *fraunhofer spectrum*
- RT spectra

fraunhofer spectrum

- USE fraunhofer lines

frc

- USE federal radiation council

FRC/TF REACTOR

LANL, Los Alamos, New Mexico, USA.

- UF *fast reactor core test facility*
- UF *lampre-2 reactor*
- *BT1 test reactors

FREDHOLM EQUATION

- *BT1 integral equations

free convection

- USE natural convection

FREE ELECTRON LASERS

INIS: 1981-04-03; ETDE: 1979-01-30

- BT1 lasers

FREE ENERGY

- UF *free energy (helmholtz)*
- UF *helmholtz free energy*
- BT1 energy
- *BT1 thermodynamic properties
- NT1 formation free energy
- NT1 surface energy
- RT affinity

free energy (gibbs)

- USE free enthalpy

free energy (helmholtz)

- USE free energy

FREE ENTHALPY

- UF *free energy (gibbs)*
- UF *gibbs free energy*
- BT1 energy
- *BT1 thermodynamic properties
- NT1 formation free enthalpy
- NT1 oxygen potential

free radicals

- USE radicals

free steered vehicles

INIS: 2000-04-12; ETDE: 1979-06-06
USE trackless vehicles

FREEDOM OF INFORMATION ACT

INIS: 2000-04-12; ETDE: 1976-09-29

- BT1 laws
- RT legislation

freeze-cycle system

INIS: 2000-04-12; ETDE: 1978-03-03
System for recirculation of water from the heat storage tank, which requires that the circulating pump be started when the collector

plate reaches a temperature slightly above freezing.

(Prior to February 1995, this was a valid ETDE descriptor.)

SEE freeze protection
SEE solar heating systems
SEE solar water heaters

freeze drying

INIS: 2000-04-12; ETDE: 1979-11-23

SEE lyophilization

FREEZE PROTECTION

INIS: 2000-04-12; ETDE: 1977-10-20

(From March 1978 until March 1996 DRAIN-DOWN SYSTEMS was a valid ETDE descriptor.)

UF drain-down systems
SF freeze-cycle system
RT antifreeze
RT melting points
RT safety engineering
RT working fluids

FREEZERS

INIS: 1993-08-02; ETDE: 1977-06-21

*BT1 appliances
RT electric appliances
RT gas appliances
RT refrigerators

FREEZING

BT1 phase transformations
RT antifreeze
RT cryobiology
RT defrosting
RT lyophilization
RT melting
RT solidification
RT thawing

freezing (food)

INIS: 1984-04-04; ETDE: 2002-06-13

USE food processing

FREEZING OUT

BT1 separation processes
RT desalination
RT temperature range 0065-0273 k
RT waste processing

freezing point depression

USE cryoscopy

freezing points

USE melting points

freight

INIS: 1992-06-30; ETDE: 1979-11-23

USE cargo

freight pipelines

INIS: 2000-04-12; ETDE: 1978-04-06

Pipelines whose main purpose is to convey products that exist in solid form. See also hydraulic transport and pneumatic transport. (Prior to February 1997 this was a valid ETDE descriptor.)

USE pipelines

FRENCH GUIANA

*BT1 south america

french minerve reactor

USE minerve reactor

FRENCH ORGANIZATIONS

BT1 national organizations
NT1 areva nc
NT2 areva nc la hague
NT2 areva nc malvesi
NT2 areva nc marcoule

NT2 areva nc miramas
NT2 areva nc pierrelatte
NT1 cea
NT2 cea bruyeres-le-chatel
NT2 cea cadarache
NT2 cea fontenay-aux-roses
NT2 cea grenoble
NT2 cea la hague
NT2 cea marcoule
NT2 cea pierrelatte
NT2 cea saclay
NT1 electricite de france

FRENKEL DEFECTS

*BT1 vacancies

FREONS

*BT1 halogenated aliphatic hydrocarbons
RT chlorofluorocarbons
RT cryogenics
RT hydrocarbons
RT refrigerants

frequency (cyclotron)

USE cyclotron frequency

frequency (eigen)

USE eigenfrequency

frequency (gyro)

USE gyrofrequency

frequency (langmuir)

USE langmuir frequency

FREQUENCY ANALYSIS

INIS: 1979-05-28; ETDE: 1979-09-06

NT1 digital frequency analysis
RT data processing
RT digital filters
RT fourier analysis
RT frequency measurement

FREQUENCY CONTROL

INIS: 1976-02-11; ETDE: 1975-10-28

BT1 control
RT frequency dependence
RT frequency measurement
RT frequency modulation
RT frequency selection
RT tuning

FREQUENCY CONVERTERS

RT frequency range
RT heterodyne receivers
RT parametric amplifiers
RT pulse generators

FREQUENCY DEPENDENCE

UF wavelength dependence
RT frequency control
RT frequency measurement
RT frequency range

FREQUENCY MEASUREMENT

RT frequency analysis
RT frequency control
RT frequency dependence
RT frequency modulation
RT measuring methods

FREQUENCY MIXING

INIS: 2000-05-16; ETDE: 1986-01-14

The combination of two or more electromagnetic waves in a nonlinear medium to form another wave whose frequency is a sum or difference of the frequencies of the incident waves.

UF four wave mixing
NT1 harmonic generation
RT electromagnetic radiation
RT frequency modulation

RT nonlinear optics
RT nonlinear problems
RT plasma waves
RT sound waves

frequency modulated cyclotrons

INIS: 1985-10-23; ETDE: 2002-06-13

USE synchrocyclotrons

FREQUENCY MODULATION

INIS: 1985-10-23; ETDE: 1981-09-08

BT1 modulation
RT frequency control
RT frequency measurement
RT frequency mixing
RT frequency selection

FREQUENCY RANGE

NT1 ghz range
NT2 ghz range 01-100
NT2 ghz range 100-1000
NT1 hz range
NT1 khz range
NT2 khz range 01-100
NT2 khz range 100-1000
NT1 mhz range
NT2 mhz range 01-100
NT2 mhz range 100-1000
NT1 milli hz range
NT1 thz range
NT2 thz range 01-100
NT2 thz range 100-1000
RT frequency converters
RT frequency dependence
RT radar
RT sonar
RT wavelengths

FREQUENCY RESPONSE TESTING

1976-07-30

BT1 testing
RT reactor stability

FREQUENCY SELECTION

1992-08-11

BT1 tuning
RT frequency control
RT frequency modulation
RT lasers
RT mode selection

FRESH WATER

*BT1 water
RT drinking water
RT estuaries
RT fathead minnow
RT irrigation
RT lakes
RT limnology
RT rivers
RT rotifera
RT water reservoirs

fresh water ecosystems

USE aquatic ecosystems

FRESNEL COEFFICIENT

One minus the reciprocal of the square of the refractive index.

RT refraction
RT refractive index
RT visible radiation

FRESNEL LENS

1976-06-23

A lens with a surface consisting of a concentric series of simple lens sections.

BT1 lenses
RT solar concentrators

FRESNEL REFLECTORS

INIS: 1992-07-09; ETDE: 1981-09-08
 Mirrors with varying orientation arranged so as to have the optical properties of a smooth reflector, e.g., parabolic reflector.
 BT1 mirrors
 *BT1 solar reflectors

FRETTING CORROSION

*BT1 corrosion

FREUNDS ADJUVANT

RT antigens

FREYALITE

2000-04-12
 *BT1 silicate minerals
 *BT1 thorium minerals
 RT thorium silicates

FRF-2 REACTOR

Reactor was not operated. Decommissioned since 2006.
 UF forschungsreaktor-2 frankfurt
 UF frankfurt research reactor-2
 *BT1 triga type reactors

FRF REACTOR

Johann Wolfgang Goethe-Univ., Frankfurt am Main, Essen, Federal Republic of Germany. Shut down since 1968. Decommissioned since 2006.
 UF forschungsreaktor frankfurt
 UF frankfurt research reactor
 *BT1 aqueous homogeneous reactors
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 research reactors
 *BT1 training reactors

FRG-1 REACTOR

Gesellschaft fuer Kernenergieverwertung in Schiffbau und Schifffahrt mbH, Geesthacht, Schleswig-Holstein, Federal Republic of Germany. Under decommissioning since 2016.
 UF forschungsreaktor geesthacht-1
 UF geesthacht-1 research reactor
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 test reactors
 *BT1 thermal reactors
 *BT1 training reactors

FRG-2 REACTOR

Gesellschaft fuer Kernenergieverwertung in Schiffbau und Schifffahrt mbH, Geesthacht, Schleswig-Holstein, Federal Republic of Germany. Under decommissioning since 2012.
 UF forschungsreaktor geesthacht-2
 UF geesthacht-2 research reactor
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 materials testing reactors
 *BT1 pool type reactors
 *BT1 research reactors

frh reactor

1991-07-02
 USE triga-1-hanover reactor

friambient process

INIS: 2000-04-12; ETDE: 1982-02-23
 (Prior to July 1993, this was a valid ETDE descriptor.)
 USE coal liquefaction

fricke dosemeters

USE chemical dosemeters

FRICTION

NT1 internal friction

NT1 rolling friction
 NT1 sliding friction
 RT energy losses
 RT friction factor
 RT tribology
 RT wear

friction (internal)

2000-04-12
 USE internal friction

FRICTION FACTOR

INIS: 1983-03-14; ETDE: 1977-06-21
 Dimensionless number used in study of fluid friction in conduits; not for coefficient of friction.
 BT1 dimensionless numbers
 RT fluid flow
 RT fluid mechanics
 RT friction
 RT hydraulics
 RT reynolds number

FRICTION WELDING

*BT1 welding

frictionless flow

1986-03-04
 USE ideal flow

FRIEDEL-CRAFTS REACTION

BT1 chemical reactions

FRJ-1 REACTOR

Kernforschungsanlage Juelich GmbH, Juelich, Nordrhein-Westfalen, Federal Republic of Germany. Decommissioning since 2007.
 UF juelich-merlin reactor
 UF merlin-juelich reactor
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors

FRJ-2 REACTOR

Kernforschungsanlage Juelich GmbH, Juelich, Nordrhein-Westfalen, Federal Republic of Germany. Under decommissioning since 2012.
 UF dido-juelich reactor
 UF juelich-dido reactor
 *BT1 enriched uranium reactors
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 isotope production reactors
 *BT1 materials testing reactors
 *BT1 research reactors
 *BT1 tank type reactors

FRM-II REACTOR

2004-04-02
 Technische Universitaet Muenchen, Germany.
 UF new neutron source frm-ii
 *BT1 enriched uranium reactors
 *BT1 heavy water moderated reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

FRM REACTOR

Technische Universitaet Muenchen, Ministry for Education and Culture, Garching, Bayern, Federal Republic of Germany. Under decommissioning since 1998. Shutdown shut down on 28 July 2000.
 UF forschungsreaktor muenchen
 UF munich research reactor
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors

frm reactors (thermonuclear)

1995-01-16
 Field-reversed mirror reactors.
 USE magnetic mirror type reactors

FRN REACTOR

Gesellschaft fuer Strahlen und Umweltforschung mbH, Neuherberg, Bayern, Federal Republic of Germany. Decommissioned since 1984.
 UF forschungsreaktor neuherberg
 UF neuherberg research reactor
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 test reactors
 *BT1 triga type reactors

FROGS

UF rana
 *BT1 amphibians
 RT salamanders
 RT toads

FROST

1984-04-04
 BT1 ice
 RT crystallization
 RT defrosting
 RT solidification
 RT weather

FROST TESTS

*BT1 thermal testing

FROUDE NUMBER

BT1 dimensionless numbers
 RT fluid flow

FRUCTOSE

UF levulose
 *BT1 hexoses
 *BT1 ketones

fruit (seeds)

USE seeds

FRUIT FLIES

1996-07-23
 (From January 1976 till March 1997 RHAGOLETIS CERASI was a valid ETDE descriptor.)
 UF cherry fruit fly
 UF rhagoletis cerasi
 *BT1 flies
 NT1 anastrepha
 NT1 ceratitis capitata
 NT1 dacus
 NT2 dacus oleae
 NT1 drosophila

FRUIT TREES

*BT1 trees
 RT apples
 RT apricots
 RT avocados
 RT banana plants
 RT bananas
 RT cherries
 RT citrus
 RT fruits
 RT peaches

FRUITS

Edible parts of plants only.
 BT1 food
 NT1 apples
 NT1 apricots
 NT1 avocados
 NT1 bananas
 NT1 berries
 NT2 blueberries
 NT2 raspberries

NT2 strawberries
 NT1 cherries
 NT1 coconuts
 NT1 dates
 NT1 figs
 NT1 grapefruits
 NT1 grapes
 NT1 lemons
 NT1 mangoes
 NT1 nuts
 NT2 chestnuts
 NT1 olives
 NT1 oranges
 NT1 papayas
 NT1 peaches
 NT1 pears
 NT1 pineapples
 NT1 plums
 NT1 tomatoes
 RT crops
 RT fruit trees
 RT plants

fs krao mochovce

2012-11-27

Finalne spracovanie kvapalnych
 radioaktivnych odpadov Mochovce

USE mochovce liquid raw final treatment
 facility

fsa

INIS: 1984-04-04; ETDE: 2002-06-13

Fixed scatterer approximation.

USE fsc approximation

FSC APPROXIMATION

UF approximation (fixed scattering
 centres)

UF fixed scattering centres
 approximation

UF fsa

*BT1 approximations

RT glauher theory

RT many-body problem

RT optical models

RT scattering

fsd devices

USE flying spot digitizers

FSH

UF follicle stimulating hormone

*BT1 gonadotropins

RT estrogens

FT TOKAMAK

INIS: 1983-10-14; ETDE: 1983-11-09

UF frascati tokamak

UF ftu tokamak

*BT1 tokamak devices

FT VALUE

RT beta decay

RT branching ratio

RT decay

RT decoupling

RT half-life

ft reactor (richland)

2000-04-12

USE fttf reactor

ftu tokamak

INIS: 1999-07-26; ETDE: 2002-06-13

USE ft tokamak

fucose

USE hexoses

FUCUS

*BT1 chromophycota

*BT1 seaweeds

FUDR

UF fluorodeoxyuridine

*BT1 antimicrobial agents

*BT1 fluorouracils

*BT1 nucleosides

*BT1 radiosensitizers

RT deoxyuridine

FUEL ADDITIVES

INIS: 1992-05-11; ETDE: 1979-03-05

BT1 additives

RT fuels

RT tetraethyl lead

FUEL ADJUSTMENT MECHANISMS

INIS: 2000-04-12; ETDE: 1979-03-27

RT prices

RT public utilities

FUEL-AIR RATIO

INIS: 1997-06-17; ETDE: 1976-07-07

UF air-fuel ratio

BT1 dimensionless numbers

RT air

RT carburetors

RT combustion

RT combustion control

RT fuels

RT oxygen enrichment

FUEL ASSEMBLIES

NT1 fuel element clusters

NT1 reloadable fuel assemblies

NT1 replaceable fuel assemblies

RT fuel assembly dismantling

RT fuel elements

RT guide tubes

RT reactor cores

RT shrouds

FUEL ASSEMBLY DISMANTLING

UF dismantling (fuel assembly)

RT fuel assemblies

RT reactor dismantling

fuel bundles

USE fuel element clusters

FUEL CANS

UF fuel sheaths

UF sheaths (fuel)

RT canning

RT cladding

RT decladding

RT failed element detection

RT failed element monitors

RT fuel-cladding interactions

RT fuel elements

RT hot spots

RT jackets

fuel casks

INIS: 1977-03-14; ETDE: 2002-06-13

USE casks

fuel cell catalysts

INIS: 1992-02-26; ETDE: 1978-10-30

USE electrocatalysts

FUEL CELL POWER PLANTS

1992-05-11

For commercial, residential, or electric utility
 use.

BT1 power plants

RT fuel cells

RT microgeneration

FUEL CELLS

1997-06-17

BT1 direct energy converters

BT1 electrochemical cells

NT1 acid electrolyte fuel cells

NT1 alcohol fuel cells

NT2 direct ethanol fuel cells

NT2 direct methanol fuel cells

NT1 alkaline electrolyte fuel cells

NT1 ammonia fuel cells

NT1 biochemical fuel cells

NT1 coal fuel cells

NT1 formaldehyde fuel cells

NT1 formate fuel cells

NT1 formic acid fuel cells

NT1 high-temperature fuel cells

NT2 molten carbonate fuel cells

NT2 solid oxide fuel cells

NT1 hydrazine fuel cells

NT1 hydrocarbon fuel cells

NT1 hydrogen fuel cells

NT1 natural gas fuel cells

NT1 regenerative fuel cells

NT2 redox fuel cells

NT1 solid electrolyte fuel cells

NT2 proton exchange membrane fuel
 cells

NT2 solid oxide fuel cells

RT electric-powered vehicles

RT electrochemistry

RT fuel cell power plants

RT matrix materials

RT metal-gas batteries

RT off-peak energy storage

RT solid electrolytes

FUEL CHANNELS

*BT1 reactor channels

RT ducts

RT fuel elements

RT hot channel

RT shrouds

FUEL-CLADDING INTERACTIONS

UF cladding-fuel interactions

RT chemical reactions

RT fuel cans

RT nuclear fuels

FUEL CONSUMPTION

1992-03-12

UF fuel economy

BT1 energy consumption

RT automotive fuels

RT consumption rates

RT demand

RT fuels

RT off-highway use

RT on-highway use

FUEL-COOLANT INTERACTIONS

UF coolant-fuel interactions

RT chemical reactions

RT coolants

RT fluid-structure interactions

RT molten metal-water reactions

RT nuclear fuels

RT reactor accidents

fuel cooling installations

USE spent fuel storage

FUEL COOLING TIME

INIS: 1980-07-24; ETDE: 1980-05-06

The cooling time of spent fuel after its
 discharge from the reactor core.

BT1 cooling time

RT after-heat

RT burnup

RT cooling

RT fission products

RT fuel storage pools

RT gamma spectroscopy

RT spent fuel storage

RT spent fuels

FUEL CYCLE

UF *recycle (nuclear fuel)*
 NT1 closed fuel cycle
 NT2 plutonium recycle
 NT2 uranium recycle
 NT1 open fuel cycle
 NT1 thorium cycle
 RT burnup
 RT cost
 RT depleted uranium
 RT fissionable materials
 RT fuel cycle centers
 RT fuel management
 RT harvest process
 RT nuclear fuels
 RT nuclear materials management
 RT present worth method
 RT proliferation
 RT reprocessing
 RT risk assessment
 RT sol-gel process
 RT westinghouse recycle fuels plant

FUEL CYCLE CENTERS

INIS: 1978-07-03; ETDE: 1978-08-07

UF *nuclear fuel centers*
 BT1 nuclear facilities
 RT feed materials plants
 RT fuel cycle
 RT fuel fabrication plants
 RT fuel reprocessing plants
 RT fuel storage pools
 RT plutonium recycle
 RT radioactive waste disposal
 RT radioactive waste facilities
 RT radioactive waste processing
 RT radioactive waste storage
 RT spent fuel storage
 RT uranium recycle

FUEL DEGRADATION

2017-07-18

*BT1 reactor accidents

FUEL DENSIFICATION

The increase in density of nuclear fuel resulting from thermal and/or radiation effects.

RT density
 RT fuel elements
 RT nuclear fuels
 RT physical radiation effects
 RT reactor safety

FUEL DISPERSION REACTORS

*BT1 homogeneous reactors

NT1 fluidized bed reactors
 NT1 slurry reactors
 RT dispersion nuclear fuels

fuel economy

INIS: 1992-08-17; ETDE: 1976-04-19
 (Prior to December 1991 this was a valid ETDE descriptor.)

USE fuel consumption

FUEL ELEMENT CLUSTERS

UF *bundles (fuel elements)*
 UF *clusters (fuel elements)*
 UF *fuel bundles*
 UF *rod bundles*
 BT1 fuel assemblies
 RT spacers

FUEL ELEMENT FAILURE

1997-04-29

BT1 failures
 RT failed element detection
 RT failed element monitors
 RT fuel motion detection
 RT radiation hazards

RT reactor accidents
 RT reactor operation
 RT reactor safety

FUEL ELEMENTS

(From January 1975 to February 1997 FUEL SPHERES was a valid ETDE descriptor.)

UF *fuel spheres*
 UF *nuclear fuel elements*
 UF *reactor fuel elements*
 UF *spheres (fuel)*
 BT1 reactor components
 NT1 annular fuel elements
 NT1 fuel pins
 NT1 fuel plates
 NT1 fuel rods
 NT2 hollow fuel rods
 NT1 fuel wires
 NT1 spent fuel elements
 NT1 thermionic fuel elements
 RT burnout
 RT decladding
 RT failed element detection
 RT failed element monitors
 RT fuel assemblies
 RT fuel cans
 RT fuel channels
 RT fuel densification
 RT fuel fabrication plants
 RT fuel integrity
 RT fuel storage pools
 RT matrix materials
 RT nuclear fuels
 RT positioning
 RT post-irradiation examination
 RT reactor cores
 RT reactor lattices
 RT reactors

FUEL FABRICATION PLANTS

1996-07-18

(Prior to March 1997 GENERAL ATOMIC FUEL FABRICATION FACILITY was a valid ETDE descriptor.)

UF *general atomic fuel fabrication facility*
 BT1 nuclear facilities
 NT1 cimarron plutonium production plant
 NT1 cimarron uranium fuel plant
 NT1 exxon fuel fabrication facility
 NT1 mixed oxide fuel fabrication plants
 NT1 westinghouse recycle fuels plant
 RT fabrication
 RT fuel cycle centers
 RT fuel elements
 RT industrial plants
 RT nuclear industry
 RT nuclear parks

FUEL FEEDING SYSTEMS

INIS: 1983-03-15; ETDE: 1976-07-07

UF *coaltek process*
 BT1 fuel systems
 NT1 stokers
 RT fossil fuels
 RT fuel gas
 RT materials handling
 RT pellet injection
 RT pulverizers
 RT thermonuclear fuels
 RT thermonuclear reactor fueling

FUEL GAGES

2000-04-12

BT1 measuring instruments

FUEL GAS

BT1 energy sources
 *BT1 gas fuels
 *BT1 gases
 NT1 high btu gas

NT1 intermediate btu gas
 NT2 carburetted water gas
 NT2 town gas
 NT2 water gas
 NT1 landfill gas
 NT1 low btu gas
 NT2 producer gas
 NT1 natural gas
 NT2 abiogenic gas
 NT2 compressed natural gas
 NT2 liquefied natural gas
 RT coal gas
 RT dual-fuel engines
 RT fuel feeding systems
 RT hot gas cleanup
 RT public utilities
 RT refinery gases
 RT synthetic fuels

FUEL HANDLING ACCIDENTS

2017-07-18

*BT1 reactor accidents

FUEL INJECTION SYSTEMS

1992-08-13

BT1 fuel systems
 RT atomization
 RT combustion
 RT combustion chambers
 RT diesel engines
 RT engines
 RT nozzles
 RT spark ignition engines
 RT stratified charge engines
 RT thermonuclear reactors

FUEL INTEGRITY

INIS: 1986-03-04; ETDE: 1985-03-26

UF *integrity (fuel)*
 RT fuel elements
 RT nuclear fuels
 RT spent fuel elements
 RT spent fuel storage
 RT spent fuels

fuel kernels

USE fuel particles

fuel loading (fission reactor)

1982-11-29

USE reactor fueling

FUEL MANAGEMENT

UF *in-core fuel management*
 *BT1 nuclear materials management
 RT fuel cycle
 RT reactor cores
 RT reactor fueling

FUEL MOTION DETECTION

INIS: 1979-09-18; ETDE: 1979-03-05
Determination of in-core nuclear fuel behavior.

BT1 detection
 RT failed element detection
 RT fuel element failure

FUEL OILS

1992-02-22

UF *coal-oil mixtures*
 *BT1 gas oils
 *BT1 liquid fuels
 NT1 heating oils
 NT1 residual fuels
 RT oils

FUEL PARTICLES

UF *fuel kernels*
 UF *kernels (fuel)*
 UF *particles (fuel)*
 NT1 coated fuel particles
 RT dispersion nuclear fuels

RT nuclear fuels

FUEL PELLETS

BT1 pellets
RT fuel rods
RT nuclear fuels
RT pellet injection
RT pelletizing

fuel pencils

USE fuel pins

FUEL PINS

UF *fuel pencils*
UF *pins (fuel)*
*BT1 fuel elements

FUEL PLATES

UF *plates (fuel)*
*BT1 fuel elements

fuel pools

1984-04-04

(Prior to January 1995, this was a valid ETDE descriptor.)

USE fuel storage pools

FUEL RACKS

INIS: 1980-04-02; ETDE: 1978-10-23

UF *racks (fuel)*
*BT1 supports
RT fuel storage pools
RT spent fuel storage

fuel reprocessing

USE reprocessing

FUEL REPROCESSING PLANTS

1996-06-26

BT1 nuclear facilities
NT1 areva nc la Hague
NT1 barnwell fuel processing plant
NT1 cea la Hague
NT1 coral reprocessing plant
NT1 hef
NT1 idaho chemical processing plant
NT1 midwest fuel recovery plant
NT1 nuclear fuel recovery and recycling center
NT1 rokkasho reprocessing plant
NT1 sellafeld reprocessing plant
NT1 tokai reprocessing plant
NT1 wackersdorf reprocessing plant
NT1 wak
NT1 west valley processing plant
NT1 westinghouse recycle fuels plant
RT fission products
RT fuel cycle centers
RT industry
RT mayak plant
RT nuclear industry
RT nuclear parks
RT radioactive waste facilities
RT reprocessing
RT risk assessment
RT spent fuels

fuel rod consolidation

INIS: 2000-04-12; ETDE: 1985-03-26

USE configuration
USE fuel rods

FUEL RODS

UF *fuel rod consolidation*
UF *fuel slugs*
UF *rods (fuel)*
UF *slugs (fuel)*
*BT1 fuel elements
NT1 hollow fuel rods
RT fuel pellets

FUEL SCANNING

UF *scanning (fuel)*
NT1 gamma fuel scanning
RT burnup
RT nondestructive testing
RT nuclear reaction analyzers

fuel sheaths

USE fuel cans

fuel slugs

USE fuel rods

FUEL SLURRIES

UF *coal-oil mixtures*
UF *fuel suspensions*
UF *slurries (fuel)*
UF *suspensions (fuel)*
BT1 fuels
*BT1 slurries
RT slurry reactors

FUEL SOLUTIONS

*BT1 liquid fuels
*BT1 nuclear fuels
*BT1 solutions
RT liquid homogeneous reactors

fuel spheres

2000-04-12

Pebble bed reactor fuel elements.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE fuel elements

FUEL STORAGE POOLS

INIS: 1976-02-18; ETDE: 1976-03-25

UF *fuel pools*
UF *pools (fuel storage)*
UF *storage pools (fuel)*
RT away-from-reactor storage
RT fuel cooling time
RT fuel cycle centers
RT fuel elements
RT fuel racks
RT spent fuel storage

FUEL SUBSTITUTION

INIS: 1992-03-16; ETDE: 1977-12-22

SF *alternate fuels*
RT alternative fuels
RT energy shortages
RT energy substitution
RT energy substitution equivalent
RT energy supplies
RT energy surpluses
RT fossil fuels
RT fuels
RT interchangeability
RT material substitution
RT rolled-in pricing

fuel substitution equivalent

INIS: 2000-04-12; ETDE: 1978-06-14

USE energy substitution equivalent

FUEL SUPPLIES

INIS: 1992-07-09; ETDE: 1979-11-23

BT1 energy supplies
RT demand
RT fuels
RT receipts
RT shortages
RT us naval petroleum reserves

fuel suspensions

USE fuel slurries

FUEL SYSTEMS

1997-06-17

Non-nuclear fuels.

NT1 carburetors

NT1 fuel feeding systems

NT2 stokers

NT1 fuel injection systems

RT fuels

RT oxygen enrichment

fuel use act

INIS: 2000-04-12; ETDE: 1980-01-24

USE us power plant and industrial fuel use act

FUEL WASHERS

UF *washers (fuel)*
RT annular fuel elements
RT nuclear fuels

FUEL WIRES

UF *wires (fuel)*
*BT1 fuel elements

fueling machines (fission reactors)

INIS: 1993-11-08; ETDE: 2002-06-13

USE reactor charging machines

FUELS

1997-06-19

(From January 1975 till March 1997 PROPELLANTS was a valid ETDE descriptor.)

SF *propellants*

NT1 alternative fuels

NT2 biofuels

NT3 biodiesel fuels

NT3 wood fuels

NT2 refuse derived fuels

NT2 solvent-refined coal

NT2 synthetic fuels

NT3 alcohol fuels

NT4 ethanol fuels

NT4 methanol fuels

NT3 hydrogen fuels

NT3 pyrolytic oils

NT3 synthetic petroleum

NT1 automotive fuels

NT1 boiler fuels

NT1 fossil fuels

NT2 coal

NT3 black coal

NT4 anthracite

NT4 bituminous coal

NT3 brown coal

NT4 lignite

NT3 coal fines

NT3 high-sulfur coal

NT3 low-sulfur coal

NT3 sapropelic coal

NT4 boghead coal

NT5 torbanite

NT4 cannel coal

NT3 subbituminous coal

NT2 natural gas

NT3 abiogenic gas

NT3 compressed natural gas

NT3 liquefied natural gas

NT2 oil sands

NT2 oil shales

NT3 black shales

NT2 peat

NT2 petroleum

NT3 petroleum fractions

NT4 petroleum distillates

NT5 gas oils

NT6 diesel fuels

NT6 fuel oils

NT7 heating oils

NT7 residual fuels

NT6 kerosene

NT4 petroleum residues

NT4 refinery gases

NT3 residual petroleum

NT3 shale oil
 NT4 shale oil fractions
 NT3 sour crudes
 NT1 fuel slurries
 NT1 gas fuels
 NT2 fuel gas
 NT3 high btu gas
 NT3 intermediate btu gas
 NT4 carburetted water gas
 NT4 town gas
 NT4 water gas
 NT3 landfill gas
 NT3 low btu gas
 NT4 producer gas
 NT3 natural gas
 NT4 abiogenic gas
 NT4 compressed natural gas
 NT4 liquefied natural gas
 NT1 liquid fuels
 NT2 alcohol fuels
 NT3 ethanol fuels
 NT3 methanol fuels
 NT2 biodiesel fuels
 NT2 diesel fuels
 NT2 fuel oils
 NT3 heating oils
 NT3 residual fuels
 NT2 fuel solutions
 NT2 gasohol
 NT2 gasoline
 NT3 unleaded gasoline
 NT2 jet engine fuels
 NT2 kerosene
 NT2 liquid metal fuels
 NT2 molten salt fuels
 NT2 oxygenated fuels
 NT1 nuclear fuels
 NT2 accident-tolerant nuclear fuels
 NT2 alloy nuclear fuels
 NT3 uranium-molybdenum fuels
 NT2 denatured fuel
 NT2 dispersion nuclear fuels
 NT2 fuel solutions
 NT2 liquid metal fuels
 NT2 mixed carbide fuels
 NT2 mixed nitride fuels
 NT2 mixed oxide fuels
 NT2 molten salt fuels
 NT2 spent fuels
 NT1 solid fuels
 NT2 alloy nuclear fuels
 NT3 uranium-molybdenum fuels
 NT2 briquets
 NT2 dispersion nuclear fuels
 NT2 mixed carbide fuels
 NT2 mixed nitride fuels
 NT2 mixed oxide fuels
 NT2 peat
 NT2 wood fuels
 NT1 synthetic fuels
 NT2 alcohol fuels
 NT3 ethanol fuels
 NT3 methanol fuels
 NT2 hydrogen fuels
 NT2 pyrolytic oils
 NT2 synthetic petroleum
 NT1 thermonuclear fuels
 RT calorific value
 RT fuel additives
 RT fuel-air ratio
 RT fuel consumption
 RT fuel substitution
 RT fuel supplies
 RT fuel systems
 RT interchangeability
 RT rolled-in pricing
 RT semicoke
 RT semicoking
 RT wood

fuels (nuclear)

2000-04-12

USE nuclear fuels

fuelwood

INIS: 1992-04-09; ETDE: 1981-01-30

USE wood fuels

fugen atr

USE jatr reactor

fujaira

INIS: 1992-05-07; ETDE: 1976-08-05

USE united arab emirates

FUJITSU COMPUTERS

INIS: 1992-08-18; ETDE: 1985-12-13

BT1 computers

FUKUSHIMA-1 REACTOR

TEPCO, Okuma, Fukushima, Japan.

Permanent shutdown in 2011.

UF tokyo-1 reactor

*BT1 bwr type reactors

RT fukushima daiichi nuclear power station

FUKUSHIMA-2 REACTOR

TEPCO, Okuma, Fukushima, Japan.

Permanent shutdown since 2011.

UF tokyo-2 reactor

*BT1 bwr type reactors

RT fukushima daiichi nuclear power station

FUKUSHIMA-3 REACTOR

TEPCO, Okuma, Fukushima, Japan.

Permanent shutdown since 2011.

UF tokyo-3 reactor

*BT1 bwr type reactors

RT fukushima daiichi nuclear power station

FUKUSHIMA-4 REACTOR

TEPCO, Okuma, Fukushima, Japan.

Permanent shutdown since 2011.

UF tokyo-4 reactor

*BT1 bwr type reactors

RT fukushima daiichi nuclear power station

FUKUSHIMA-5 REACTOR

TEPCO, Futaba, Fukushima, Japan.

*BT1 bwr type reactors

RT fukushima daiichi nuclear power station

FUKUSHIMA-6 REACTOR

TEPCO, Futaba, Fukushima, Japan.

*BT1 bwr type reactors

RT fukushima daiichi nuclear power station

FUKUSHIMA ACCIDENT ARCHIVE

2014-08-04

UF fukushima nuclear accident archive

NT1 fukushima accident data

RT fukushima daiichi nuclear power station

RT reactor accidents

FUKUSHIMA ACCIDENT DATA

2014-08-04

Used for data from Fukushima Nuclear Accident Archive

*BT1 datasets

BT1 fukushima accident archive

RT data compilation

RT fukushima daiichi nuclear power station

RT reactor accidents

FUKUSHIMA DAIICHI NUCLEAR POWER STATION

2013-10-23

TEPCO, Okuma and Futaba, Fukushima, Japan. Use for documents focusing on the site as a whole and not individual reactors, e.g., radiation monitoring, contamination, decontamination, remedial actions, etc. (Prior to November 2013 this was a forbidden term.)

BT1 reactor sites

RT fukushima-1 reactor

RT fukushima-2 reactor

RT fukushima-3 reactor

RT fukushima-4 reactor

RT fukushima-5 reactor

RT fukushima-6 reactor

RT fukushima accident archive

RT fukushima accident data

FUKUSHIMA-II-1 REACTOR

INIS: 1979-09-18; ETDE: 1980-05-06

TEPCO, Naraha, Fukushima, Japan.

*BT1 bwr type reactors

FUKUSHIMA-II-2 REACTOR

INIS: 1979-09-18; ETDE: 1980-05-06

TEPCO, Naraha, Fukushima, Japan.

*BT1 bwr type reactors

FUKUSHIMA-II-3 REACTOR

INIS: 1981-07-13; ETDE: 1981-08-04

TEPCO, Tomioka, Fukushima, Japan.

*BT1 bwr type reactors

FUKUSHIMA-II-4 REACTOR

INIS: 1981-07-13; ETDE: 1981-08-04

TEPCO, Tomioka, Fukushima, Japan.

*BT1 bwr type reactors

fukushima nuclear accident archive

2014-08-04

USE fukushima accident archive

fulcrum operation

INIS: 2000-04-12; ETDE: 1978-10-30

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions

USE underground explosions

fulham-simon-carves process

2000-04-12

Process for recovery of sulfur from flue gases by causing flue gas to react directly with ammonia liquor from gas works followed by processing of solution to give ammonium sulfate and sulfur.

USE desulfurization

full-serve stations

INIS: 2000-04-12; ETDE: 1979-05-09

USE gasoline service stations

FULLERENES

INIS: 1992-04-08; ETDE: 1992-01-09

Carbon allotrope containing 60 carbon atoms in a hollow spherical configuration similar to a geodesic dome.

*BT1 carbon

RT atomic clusters

RT carbon nanotubes

RT graphene

FULLERS EARTH

*BT1 clays

RT attapulgite

FULLY IONIZED GASES

Use only when the gas is not macroscopically electrically neutral; otherwise use PLASMA.

*BT1 ionized gases

NT1 lorentz gas

FULTON-1 REACTOR

Philadelphia Electric Co., USA. Canceled in 1975 before construction began.

*BT1 enriched uranium reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

FULTON-2 REACTOR

Philadelphia Electric Co., USA. Canceled in 1975 before construction began.

*BT1 enriched uranium reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

FULVIC ACIDS

*BT1 organic acids
 RT humic acids
 RT humus
 RT soils

fumaks process

INIS: 2000-04-12; ETDE: 1979-01-30

(Prior to February 1995, this was a valid ETDE descriptor.)

USE desulfurization

FUMARIC ACID

*BT1 dicarboxylic acids

FUMAROLES

1992-04-13

Vents, usually volcanic, from which gases and vapors are emitted. They are characteristic of a late stage of volcanic activity.

NT1 solfataras
 RT fumarolic fluids
 RT hydrothermal systems
 RT volcanoes

FUMAROLIC FLUIDS

1992-05-12

*BT1 geothermal fluids
 RT fumaroles
 RT volcanic gases

FUME HOODS

INIS: 1980-09-11; ETDE: 1978-10-23

*BT1 laboratory equipment
 RT gaseous wastes
 RT ventilation

fumes

USE aerosols

FUMIGANTS

BT1 pesticides
 RT grain disinfestation
 RT methyl bromide
 RT preservation

function (biological)

INIS: 1975-10-23; ETDE: 1976-08-26

USE biological functions

FUNCTION GENERATORS

UF sine generators
 UF square-wave generators
 *BT1 electronic equipment
 NT1 pulse generators
 NT2 high-voltage pulse generators
 NT3 marx generators

FUNCTIONAL ANALYSIS

INIS: 1976-09-06; ETDE: 1976-11-01

BT1 mathematics
 RT mathematical evolution
 RT mathematical space

RT periodicity

FUNCTIONAL MODELS

UF models (functional)
 NT1 pilot plants
 NT2 barstow solar pilot plant
 NT2 wipp
 NT1 process development units
 NT1 simulators
 NT2 reactor simulators
 NT2 solar simulators
 RT analog systems
 RT biological models
 RT comparative evaluations
 RT hypothesis
 RT mathematical models
 RT microcosms
 RT mockup
 RT phantoms
 RT plasma simulation
 RT scale models
 RT simulation
 RT structural models

FUNCTIONALS

BT1 functions
 RT density functional method
 RT variational methods

FUNCTIONS

1996-04-16

(From November 1986 till February 1997 FORCING FUNCTIONS was a valid ETDE descriptor.)

UF periodic functions
 SF forcing functions
 NT1 airy functions
 NT1 analytic functions
 NT1 bessel functions
 NT1 correlation functions
 NT1 delta function
 NT1 distribution functions
 NT1 eigenfunctions
 NT1 excitation functions
 NT1 floquet function
 NT1 functionals
 NT1 gamma function
 NT1 gauss function
 NT1 green function
 NT1 hamiltonian function
 NT1 hypergeometric functions
 NT1 jacobian function
 NT1 jost function
 NT1 lagrangian function
 NT1 neutron importance function
 NT1 neutronic damage functions
 NT1 partition functions
 NT1 placzec function
 NT1 polynomials
 NT2 hermite polynomials
 NT2 laguerre polynomials
 NT2 legendre polynomials
 NT1 probability density functions
 NT1 response functions
 NT1 retention functions
 NT1 riemann function
 NT1 spectral functions
 NT2 spectral density
 NT1 spherical harmonics
 NT1 spline functions
 NT1 strength functions
 NT1 structure functions
 NT1 transfer functions
 NT1 vertex functions
 NT1 wave functions
 NT1 weierstrass functions
 NT1 weighting functions
 NT1 work functions
 RT algorithms
 RT equations

RT exact solutions
 RT mathematics
 RT recursion relations
 RT riemann sheet
 RT series expansion
 RT singularity

FUNDAMENTAL CONSTANTS

(From February 1975 till March 1997 RYDBERG CONSTANT was a valid ETDE descriptor.)

UF gravitational charges
 UF rydberg constant
 RT atoms
 RT cosmology
 RT elementary particles
 RT natural units
 RT nuclei

FUNDAMENTAL INTERACTIONS

1999-03-23

UF basic interactions
 BT1 interactions
 NT1 electromagnetic interactions
 NT2 compton effect
 NT2 coulomb scattering
 NT2 electroproduction
 NT2 photon-hadron interactions
 NT3 photon-baryon interactions
 NT4 photon-hyperon interactions
 NT4 photon-nucleon interactions
 NT5 photon-neutron interactions
 NT5 photon-proton interactions
 NT3 photon-meson interactions
 NT2 photon-photon interactions
 NT2 photoproduction
 NT3 primakoff effect
 NT2 umklapp processes
 NT1 gravitational interactions
 NT1 strong interactions
 NT2 charge-exchange interactions
 NT2 peripheral collisions
 NT1 weak interactions
 NT2 fermi interactions
 NT2 leptonic decay
 RT charged-current interactions
 RT conservation laws
 RT high-energy limit
 RT invariance principles
 RT low-energy limit
 RT neutral-current interactions
 RT potentials
 RT unified field theories

fundamental particles

USE elementary particles

FUNGAL DISEASES

INIS: 1982-12-08; ETDE: 1981-01-12

*BT1 infectious diseases
 NT1 mycoses
 NT1 tinea
 RT fungi
 RT fungicides
 RT host

FUNGI

1997-06-19

UF molds
 BT1 plants
 NT1 eumycota
 NT2 aspergillus
 NT2 fusarium
 NT2 lichens
 NT2 mildew
 NT2 neurospora
 NT2 penicillium
 NT2 phanerochaete
 NT2 rhizopus
 NT2 trichoderma
 NT3 trichoderma viride

NT2 ustilago
 NT2 yeasts
 NT3 candida
 NT3 saccharomyces
 NT4 saccharomyces cerevisiae
 NT3 torula
 NT1 mushrooms
 NT1 myxomycetes
 NT1 physarum
 NT1 polyporus versicolor
 RT bioadsorbents
 RT conidia
 RT fungal diseases
 RT fungicides
 RT mycelium
 RT mycorrhizas
 RT mycoses
 RT mycotoxins
 RT parasites
 RT pathogens
 RT spores
 RT tinea
 RT vaccines

FUNGICIDES

BT1 pesticides
 NT1 cycloheximide
 RT fungal diseases
 RT fungi

FUQING-1 REACTOR

2017-06-09

Fuqing, China

*BT1 pwr type reactors

FUQING-2 REACTOR

2017-06-09

Fuqing, China

*BT1 pwr type reactors

FUQING-3 REACTOR

2017-06-09

Fuqing, China

*BT1 pwr type reactors

FUQING-4 REACTOR

2017-06-09

Fuqing, China. The reactor is under construction.

*BT1 pwr type reactors

FUQING-5 REACTOR

2017-06-09

Fuqing, China. The reactor is under construction.

*BT1 pwr type reactors

FUQING-6 REACTOR

2017-06-09

Fuqing, China. The reactor is under construction.

*BT1 pwr type reactors

FURANS

1996-10-23

UF furildioxime

*BT1 heterocyclic compounds

*BT1 organic oxygen compounds

NT1 benzofurans

NT1 furfural

NT1 tetrahydrofuran

NT2 mthf

RT heterocyclic oxygen compounds

RT kinetin

furat river

2009-05-20

USE euphrates river

FURFURAL

UF 2-furalaldehyde

*BT1 aldehydes

*BT1 furans

furildioxime

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE furans

USE oximes

furnace oil

INIS: 2000-04-12; ETDE: 1976-03-11

USE heating oils

FURNACES

NT1 blast furnaces

NT1 chamber furnaces

NT1 electric furnaces

NT2 arc furnaces

NT2 ceramic melters

NT2 induction furnaces

NT1 electron beam furnaces

NT1 gas furnaces

NT1 multiple-hearth furnaces

NT1 oil furnaces

NT1 plasma furnaces

NT1 smelters

NT1 solar furnaces

NT1 tunnel furnaces

NT1 vacuum furnaces

NT1 wood burning furnaces

RT burners

RT combustion chambers

RT crucibles

RT gas generators

RT gratings

RT heat production

RT incinerators

RT kilns

RT melting

RT sintering

RT stokers

FURNITURE INDUSTRY

INIS: 1992-03-10; ETDE: 1977-07-23

BT1 industry

RT wood products industry

FUSARIUM

*BT1 eumycota

BT1 parasites

fused cells (animal)

INIS: 2000-04-12; ETDE: 1984-02-10

USE hybridomas

fused salt fuels

USE molten salt fuels

fused salts

USE molten salts

fuses (detonators)

INIS: 2000-04-12; ETDE: 1979-10-03

(Prior to February 1997 FUSES was a valid ETDE descriptor.)

USE detonators

fuses (electric)

USE electric fuses

fuses (reactor safety)

USE reactor safety fuses

fushun process

INIS: 2000-04-12; ETDE: 1975-10-28

Oil shale retorting process involving direct heating by a mixture of combustion gases and reheated recycled gases.

(Prior to February 1995, this was a valid ETDE descriptor.)

SEE oil shales

SEE retorting

fusileer operation

INIS: 2000-04-12; ETDE: 1985-10-25

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions

USE underground explosions

fusion (bonding, nonmetallic)

USE bonding

fusion (melting)

USE melting

fusion (nuclear)

2000-04-12

USE thermonuclear reactions

fusion (welding)

USE welding

fusion electromagnetic induction experiment

INIS: 2000-04-12; ETDE: 1983-06-20

USE felix facility

fusion energy

INIS: 2000-04-12; ETDE: 1985-09-23

USE thermonuclear reactors

fusion fuels

INIS: 2000-04-12; ETDE: 1980-05-23

USE thermonuclear fuels

FUSION HEAT

UF heat of fusion

UF latent heat of fusion

*BT1 transition heat

RT latent heat storage

RT phase change materials

FUSION NEUTRON SOURCE FACILITIES

2016-06-09

UF fns facilities

BT1 neutron source facilities

RT hybrid reactors

RT tokamak type reactors

fusion reactions

2000-04-12

SEE heavy ion fusion reactions

SEE thermonuclear reactions

fusion reactions (endoeenergetic)

INIS: 1993-11-08; ETDE: 2002-06-13

USE heavy ion fusion reactions

fusion reactions (exoenergetic)

INIS: 1993-11-08; ETDE: 2002-06-13

USE thermonuclear reactions

fusion reactions (heavy ion)

INIS: 1985-07-18; ETDE: 2002-06-13

USE heavy ion fusion reactions

fusion reactions (thermonuclear)

INIS: 1993-11-08; ETDE: 2002-06-13

USE thermonuclear reactions

fusion-reactor materials

ETDE: 2002-06-13

USE thermonuclear reactor materials

fusion reactors

USE thermonuclear reactors

FUSION YIELD

1975-09-16

UF yield (fusion)

*BT1 nuclear reaction yield

RT laser implosions

RT thermonuclear fuels

RT thermonuclear reactions
RT thermonuclear reactors

fuzes

INIS: 2000-04-12; ETDE: 1979-05-02
(From October 1979 to February 1997 FUSES was used for this concept in ETDE.)
USE detonators

FUZZY LOGIC

1991-07-02

BT1 mathematical logic
RT chaos theory
RT mathematical models
RT probability
RT set theory

fw-stoic process

INIS: 2000-04-12; ETDE: 1978-04-27
(Prior to March 1994, this was a valid ETDE descriptor.)
USE coal gasification

fwpca

INIS: 1977-03-01; ETDE: 2002-06-13
Federal Water Pollution Control Act.
USE clean water acts

G-1 REACTOR

Permanently shutdown since 1986.
UF marcoule g-1 reactor
*BT1 air cooled reactors
*BT1 gcr type reactors
*BT1 plutonium production reactors
*BT1 thermal reactors

G-2 REACTOR

Permanently shutdown since 1980.
UF marcoule g-2 reactor
*BT1 carbon dioxide cooled reactors
*BT1 gcr type reactors
*BT1 plutonium production reactors
*BT1 thermal reactors

G-3 REACTOR

Marcoule, France. Permanently shut down since 1984.
UF marcoule g-3 reactor
*BT1 carbon dioxide cooled reactors
*BT1 gcr type reactors
*BT1 plutonium production reactors
*BT1 thermal reactors

G CODES

BT1 computer codes

g factor (gyromagnetic ratio)

USE gyromagnetic ratio

g factor (lande)

USE lande factor

G MATRIX

Limited to the theory of nuclear reactions.
BT1 matrices
RT nuclear reactions

G PARITY

Property peculiar to mesons, not related to the concept covered by PARITY.
BT1 particle properties
RT g-parity invariance

G-PARITY INVARIANCE

BT1 invariance principles
RT g parity

g-proteins

INIS: 2000-04-12; ETDE: 1988-05-23
USE gtp-ases

g resonances

USE rho3-1690 mesons

G STATES

INIS: 1979-09-18; ETDE: 1979-03-28
BT1 energy levels

G VALUE

Limited to use in radiation chemistry; see also GYROMAGNETIC RATIO.
RT radiation chemistry
RT radiolysis

GA SIWABESSY REACTOR

1999-07-08
Serpong, Tangerang, Indonesia.
*BT1 enriched uranium reactors
*BT1 materials testing reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors

GA STANDARD REACTOR

1975-10-29
USA.
UF general atomic standard reactor
*BT1 enriched uranium reactors
*BT1 htgr type reactors
*BT1 power reactors
*BT1 thermal reactors

GABBROS

INIS: 1999-12-03; ETDE: 1980-08-12
*BT1 plutonic rocks
NT1 anorthosites
RT feldspars
RT silicate minerals

GABON

BT1 africa
BT1 developing countries
RT oklo phenomenon
RT opec

gadolinite

INIS: 2000-04-12; ETDE: 1975-09-11
(Prior to February 1995, this was a valid ETDE descriptor.)
SEE beryllium compounds
SEE iron compounds
SEE rare earth compounds
SEE silicates

GADOLINIUM

*BT1 rare earths

GADOLINIUM 134

2007-01-30
*BT1 even-even nuclei
*BT1 gadolinium isotopes
*BT1 milliseconds living radioisotopes
*BT1 rare earth nuclei

GADOLINIUM 135

1997-02-07
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 gadolinium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

GADOLINIUM 136

2007-01-30
*BT1 even-even nuclei
*BT1 gadolinium isotopes
*BT1 nanoseconds living radioisotopes
*BT1 rare earth nuclei

GADOLINIUM 137

INIS: 1984-10-18; ETDE: 1984-11-06
*BT1 beta-plus decay radioisotopes
*BT1 even-odd nuclei
*BT1 gadolinium isotopes
*BT1 rare earth nuclei

GADOLINIUM 138

INIS: 1986-03-04; ETDE: 1985-10-25
*BT1 even-even nuclei
*BT1 gadolinium isotopes
*BT1 rare earth nuclei

GADOLINIUM 139

INIS: 1984-10-18; ETDE: 1984-11-06
*BT1 beta-plus decay radioisotopes
*BT1 even-odd nuclei
*BT1 gadolinium isotopes
*BT1 rare earth nuclei

GADOLINIUM 140

INIS: 1986-03-04; ETDE: 1985-10-25
*BT1 even-even nuclei
*BT1 gadolinium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

GADOLINIUM 141

INIS: 1984-08-23; ETDE: 1984-09-05
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 gadolinium isotopes
*BT1 isomeric transition isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

GADOLINIUM 142

*BT1 beta-plus decay radioisotopes
*BT1 even-even nuclei
*BT1 gadolinium isotopes
*BT1 minutes living radioisotopes
*BT1 rare earth nuclei

GADOLINIUM 142 TARGET

INIS: 1992-09-22; ETDE: 1977-05-07
BT1 targets

GADOLINIUM 143

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 gadolinium isotopes
*BT1 minutes living radioisotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

GADOLINIUM 144

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 gadolinium isotopes
*BT1 minutes living radioisotopes
*BT1 rare earth nuclei

GADOLINIUM 145

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 gadolinium isotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 rare earth nuclei

GADOLINIUM 146

*BT1 beta-plus decay radioisotopes
*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 gadolinium isotopes
*BT1 rare earth nuclei

GADOLINIUM 147

*BT1 beta-plus decay radioisotopes
*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 gadolinium isotopes
*BT1 isomeric transition isotopes
*BT1 nanoseconds living radioisotopes

*BT1 rare earth nuclei

GADOLINIUM 148

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 isomeric transition isotopes
 *BT1 nanoseconds living radioisotopes
 *BT1 rare earth nuclei
 *BT1 years living radioisotopes

GADOLINIUM 148 TARGET

INIS: 1982-01-13; ETDE: 1981-07-18
 BT1 targets

GADOLINIUM 149

*BT1 alpha decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei

GADOLINIUM 150

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 years living radioisotopes

GADOLINIUM 151

*BT1 alpha decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei

GADOLINIUM 152

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 years living radioisotopes

GADOLINIUM 152 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09
 BT1 targets

GADOLINIUM 153

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei

GADOLINIUM 154

*BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 stable isotopes

GADOLINIUM 154 TARGET

ETDE: 1976-07-09
 BT1 targets

GADOLINIUM 155

*BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 stable isotopes

GADOLINIUM 155 BEAMS

INIS: 1986-12-09; ETDE: 1987-02-24
 *BT1 ion beams

GADOLINIUM 155 REACTIONS

1984-11-30
 *BT1 heavy ion reactions

GADOLINIUM 155 TARGET

ETDE: 1976-07-09
 BT1 targets

GADOLINIUM 156

*BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 stable isotopes

GADOLINIUM 156 TARGET

ETDE: 1976-07-09
 BT1 targets

GADOLINIUM 157

*BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 stable isotopes

GADOLINIUM 157 TARGET

ETDE: 1976-07-09
 BT1 targets

GADOLINIUM 158

*BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 stable isotopes

GADOLINIUM 158 TARGET

ETDE: 1976-07-09
 BT1 targets

GADOLINIUM 159

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 hours living radioisotopes
 *BT1 rare earth nuclei

GADOLINIUM 159 TARGET

INIS: 1976-04-03; ETDE: 1976-07-12
 BT1 targets

GADOLINIUM 160

*BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 stable isotopes

GADOLINIUM 160 TARGET

ETDE: 1976-07-09
 BT1 targets

GADOLINIUM 161

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 minutes living radioisotopes
 *BT1 rare earth nuclei

GADOLINIUM 162

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 minutes living radioisotopes
 *BT1 rare earth nuclei

GADOLINIUM 163

INIS: 1982-04-14; ETDE: 1981-09-08
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 minutes living radioisotopes
 *BT1 rare earth nuclei

GADOLINIUM 164

INIS: 1988-10-10; ETDE: 1988-11-01
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

GADOLINIUM 165

1998-09-23
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

GADOLINIUM 166

2007-01-30
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

GADOLINIUM 167

2007-01-30
 *BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

GADOLINIUM 168

2007-01-30
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 gadolinium isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 rare earth nuclei

GADOLINIUM 169

2007-01-30
 *BT1 even-odd nuclei
 *BT1 gadolinium isotopes
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

GADOLINIUM ADDITIONS

Alloys containing not more than 1% Gd are listed here.

*BT1 gadolinium alloys
 *BT1 rare earth additions

GADOLINIUM ALLOYS

Alloys containing more than 1% Gd.

*BT1 rare earth alloys
 NT1 gadolinium additions
 NT1 gadolinium base alloys

GADOLINIUM ARSENIDES

INIS: 1977-10-17; ETDE: 1977-08-09
 *BT1 arsenides
 *BT1 gadolinium compounds

GADOLINIUM BASE ALLOYS

*BT1 gadolinium alloys

GADOLINIUM BORIDES

*BT1 borides
 *BT1 gadolinium compounds

GADOLINIUM BROMIDES

*BT1 bromides
 *BT1 gadolinium halides

GADOLINIUM CARBIDES

*BT1 carbides
 *BT1 gadolinium compounds

GADOLINIUM CARBONATES

*BT1 carbonates
 *BT1 gadolinium compounds

GADOLINIUM CHLORIDES

*BT1 chlorides
 *BT1 gadolinium halides

GADOLINIUM COMPLEXES

*BT1 rare earth complexes

GADOLINIUM COMPOUNDS

BT1 rare earth compounds
 NT1 gadolinium arsenides

NT1 gadolinium borides
 NT1 gadolinium carbides
 NT1 gadolinium carbonates
 NT1 gadolinium halides
 NT2 gadolinium bromides
 NT2 gadolinium chlorides
 NT2 gadolinium fluorides
 NT2 gadolinium iodides
 NT1 gadolinium hydrides
 NT1 gadolinium hydroxides
 NT1 gadolinium nitrates
 NT1 gadolinium nitrides
 NT1 gadolinium oxides
 NT1 gadolinium perchlorates
 NT1 gadolinium phosphates
 NT1 gadolinium phosphides
 NT1 gadolinium selenides
 NT1 gadolinium silicides
 NT1 gadolinium sulfates
 NT1 gadolinium sulfides
 NT1 gadolinium tellurides
 NT1 gadolinium tungstates

GADOLINIUM FLUORIDES

*BT1 fluorides
 *BT1 gadolinium halides

GADOLINIUM HALIDES

2012-07-19

*BT1 gadolinium compounds
 *BT1 halides
 NT1 gadolinium bromides
 NT1 gadolinium chlorides
 NT1 gadolinium fluorides
 NT1 gadolinium iodides

GADOLINIUM HYDRIDES

*BT1 gadolinium compounds
 *BT1 hydrides

GADOLINIUM HYDROXIDES

*BT1 gadolinium compounds
 *BT1 hydroxides

GADOLINIUM IODIDES

*BT1 gadolinium halides
 *BT1 iodides

GADOLINIUM IONS

*BT1 ions

GADOLINIUM ISOTOPES

1997-01-30

BT1 isotopes
 NT1 gadolinium 134
 NT1 gadolinium 135
 NT1 gadolinium 136
 NT1 gadolinium 137
 NT1 gadolinium 138
 NT1 gadolinium 139
 NT1 gadolinium 140
 NT1 gadolinium 141
 NT1 gadolinium 142
 NT1 gadolinium 143
 NT1 gadolinium 144
 NT1 gadolinium 145
 NT1 gadolinium 146
 NT1 gadolinium 147
 NT1 gadolinium 148
 NT1 gadolinium 149
 NT1 gadolinium 150
 NT1 gadolinium 151
 NT1 gadolinium 152
 NT1 gadolinium 153
 NT1 gadolinium 154
 NT1 gadolinium 155
 NT1 gadolinium 156
 NT1 gadolinium 157
 NT1 gadolinium 158
 NT1 gadolinium 159
 NT1 gadolinium 160

NT1 gadolinium 161
 NT1 gadolinium 162
 NT1 gadolinium 163
 NT1 gadolinium 164
 NT1 gadolinium 165
 NT1 gadolinium 166
 NT1 gadolinium 167
 NT1 gadolinium 168
 NT1 gadolinium 169

GADOLINIUM NITRATES

*BT1 gadolinium compounds
 *BT1 nitrates

GADOLINIUM NITRIDES

*BT1 gadolinium compounds
 *BT1 nitrides

GADOLINIUM OXIDES

*BT1 gadolinium compounds
 *BT1 oxides

GADOLINIUM PERCHLORATES

*BT1 gadolinium compounds
 *BT1 perchlorates

GADOLINIUM PHOSPHATES

*BT1 gadolinium compounds
 *BT1 phosphates

GADOLINIUM PHOSPHIDES

INIS: 1979-02-21; ETDE: 1976-08-25

*BT1 gadolinium compounds
 *BT1 phosphides

GADOLINIUM SELENIDES

INIS: 1977-01-25; ETDE: 1976-08-24

*BT1 gadolinium compounds
 *BT1 selenides

GADOLINIUM SILICIDES

*BT1 gadolinium compounds
 *BT1 silicides

GADOLINIUM SULFATES

*BT1 gadolinium compounds
 *BT1 sulfates

GADOLINIUM SULFIDES

*BT1 gadolinium compounds
 *BT1 sulfides

GADOLINIUM TELLURIDES

INIS: 1977-01-25; ETDE: 1977-04-13

*BT1 gadolinium compounds
 *BT1 tellurides

GADOLINIUM TUNGSTATES

1988-02-02

*BT1 gadolinium compounds
 *BT1 tungstates

gages (pressure)

USE pressure gages

gages (strain)

USE strain gages

GAIN

BT1 amplification
 RT amplifiers
 RT lock-in amplifiers

GALACTIC EVOLUTION

BT1 evolution
 RT astrophysics
 RT cosmological inflation
 RT cosmological models
 RT cosmology
 RT galaxies
 RT planet-system accretion
 RT star evolution
 RT universe
 RT vortex theory

GALACTOSE

*BT1 aldehydes
 *BT1 hexoses
 RT cerebrosides

GALACTOSIDASE

Code numbers 3.2.1.22 and 3.2.1.23.
 *BT1 o-glycosyl hydrolases

GALACTURONIC ACID

*BT1 aldehydes
 *BT1 hydroxy acids
 RT pectins

GALAXIES

UF local group
 NT1 magellanic clouds
 NT1 markarian galaxies
 NT1 milky way
 NT1 radio galaxies
 NT1 seyfert galaxies
 NT1 x-ray galaxies
 RT galactic evolution
 RT galaxy clusters
 RT galaxy nuclei
 RT nebulae
 RT nonluminous matter

GALAXY CLUSTERS

UF clusters (galaxy)
 RT galaxies

GALAXY NUCLEI

INIS: 1978-11-24; ETDE: 1978-12-20
 Central part of galaxies.
 RT galaxies

GALENA

*BT1 sulfide minerals
 RT lead sulfides

GALERKIN-PETROV METHOD

UF petrov-galerkin method
 *BT1 iterative methods
 RT analytical solution
 RT equations
 RT mathematics
 RT numerical solution

GALILEI TRANSFORMATIONS

BT1 transformations
 RT group theory
 RT mechanics
 RT space-time
 RT special relativity theory

galileo galilei italy

USE rts-1 reactor

gallbladder

USE biliary tract

GALLIC ACID

UF trihydroxybenzoic acid
 *BT1 hydroxy acids

GALLIUM

*BT1 metals

GALLIUM 56

2007-04-19

*BT1 gallium isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

GALLIUM 57

2007-04-19

*BT1 gallium isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei

GALLIUM 58

2007-04-19

- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

GALLIUM 59

2007-04-19

- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

GALLIUM 60

2002-02-21

- *BT1 beta-plus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

GALLIUM 61

1980-05-14

- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

GALLIUM 62

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

GALLIUM 63

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GALLIUM 64

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

GALLIUM 65

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

GALLIUM 65 TARGET

ETDE: 1976-07-09

BT1 targets

GALLIUM 66

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gallium isotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

GALLIUM 67

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

GALLIUM 67 TARGET

ETDE: 1976-07-09

BT1 targets

GALLIUM 68

- *BT1 beta-plus decay radioisotopes

- *BT1 electron capture radioisotopes
- *BT1 gallium isotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

GALLIUM 69

- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 stable isotopes

GALLIUM 69 TARGET

ETDE: 1976-07-09

BT1 targets

GALLIUM 70

- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

GALLIUM 71

- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 stable isotopes

GALLIUM 71 TARGET

ETDE: 1976-07-09

BT1 targets

GALLIUM 72

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

GALLIUM 73

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

GALLIUM 74

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GALLIUM 75

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

GALLIUM 76

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GALLIUM 77

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GALLIUM 78

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes

- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GALLIUM 79

INIS: 1976-01-27; ETDE: 1975-10-01

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GALLIUM 80

INIS: 1976-01-27; ETDE: 1975-10-01

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GALLIUM 81

INIS: 1977-06-13; ETDE: 1976-07-07

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GALLIUM 82

INIS: 1980-07-24; ETDE: 1976-07-07

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

GALLIUM 83

INIS: 1980-07-24; ETDE: 1976-07-07

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

GALLIUM 84

1992-03-18

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

GALLIUM 85

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

GALLIUM 86

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 gallium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

GALLIUM ADDITIONS

Alloys containing not more than 1% Ga are listed here.

- *BT1 gallium alloys

GALLIUM ALLOYS

Alloys containing more than 1% Ga.

- BT1 alloys
- NT1 gallium additions
- NT1 gallium base alloys

GALLIUM ANTIMONIDES

INIS: 1994-04-11; ETDE: 1976-08-04

- *BT1 antimonides
- BT1 gallium compounds

GALLIUM ARSENIDE SOLAR CELLS

1992-05-28

*BT1 solar cells

GALLIUM ARSENIDES

*BT1 arsenides

BT1 gallium compounds

GALLIUM BASE ALLOYS

*BT1 gallium alloys

GALLIUM BROMIDES

*BT1 bromides

*BT1 gallium halides

GALLIUM CARBIDES

*BT1 carbides

BT1 gallium compounds

GALLIUM CHLORIDES

*BT1 chlorides

*BT1 gallium halides

GALLIUM COMPLEXES

BT1 complexes

GALLIUM COMPOUNDS

NT1 gallium antimonides

NT1 gallium arsenides

NT1 gallium carbides

NT1 gallium halides

NT2 gallium bromides

NT2 gallium chlorides

NT2 gallium fluorides

NT2 gallium iodides

NT1 gallium hydroxides

NT1 gallium nitrates

NT1 gallium nitrides

NT1 gallium oxides

NT1 gallium phosphates

NT1 gallium phosphides

NT1 gallium selenides

NT1 gallium sulfates

NT1 gallium sulfides

NT1 gallium tellurides

GALLIUM FLUORIDES

*BT1 fluorides

*BT1 gallium halides

GALLIUM HALIDES

INIS: 1991-09-16; ETDE: 1984-06-29

BT1 gallium compounds

*BT1 halides

NT1 gallium bromides

NT1 gallium chlorides

NT1 gallium fluorides

NT1 gallium iodides

GALLIUM HYDROXIDES

BT1 gallium compounds

*BT1 hydroxides

GALLIUM IODIDES

*BT1 gallium halides

*BT1 iodides

GALLIUM IONS

*BT1 ions

GALLIUM ISOTOPES

1999-07-16

BT1 isotopes

NT1 gallium 56

NT1 gallium 57

NT1 gallium 58

NT1 gallium 59

NT1 gallium 60

NT1 gallium 61

NT1 gallium 62

NT1 gallium 63

NT1 gallium 64

NT1 gallium 65

NT1 gallium 66

NT1 gallium 67

NT1 gallium 68

NT1 gallium 69

NT1 gallium 70

NT1 gallium 71

NT1 gallium 72

NT1 gallium 73

NT1 gallium 74

NT1 gallium 75

NT1 gallium 76

NT1 gallium 77

NT1 gallium 78

NT1 gallium 79

NT1 gallium 80

NT1 gallium 81

NT1 gallium 82

NT1 gallium 83

NT1 gallium 84

NT1 gallium 85

NT1 gallium 86

GALLIUM NITRATES

1977-06-13

BT1 gallium compounds

*BT1 nitrates

GALLIUM NITRIDES

BT1 gallium compounds

*BT1 nitrides

GALLIUM OXIDES

BT1 gallium compounds

*BT1 oxides

GALLIUM PHOSPHATES

INIS: 1977-09-15; ETDE: 1975-10-01

BT1 gallium compounds

*BT1 phosphates

GALLIUM PHOSPHIDE SOLAR CELLS

2000-04-12

*BT1 solar cells

GALLIUM PHOSPHIDES

BT1 gallium compounds

*BT1 phosphides

GALLIUM SELENIDES

1976-07-06

BT1 gallium compounds

*BT1 selenides

GALLIUM SULFATES

BT1 gallium compounds

*BT1 sulfates

GALLIUM SULFIDES

BT1 gallium compounds

*BT1 sulfides

GALLIUM TELLURIDES

1977-09-06

BT1 gallium compounds

*BT1 tellurides

gallotannic acid

USE tannic acid

gallstones

USE biliary tract

USE calculi

galoter process

INIS: 2000-04-12; ETDE: 1977-03-08

Shale fines are processed in rotating kiln and

hot spent shale is used as heat carrier.

(Prior to January 1995, this was a valid ETDE descriptor.)

SEE oil shales

galvanic corrosion

USE electrochemical corrosion

GALVANOMAGNETIC EFFECT

RT magnetic fields

GALVANOMETERS

*BT1 electric measuring instruments

GALVESTON BAY

INIS: 1992-01-09; ETDE: 1976-10-13

*BT1 bays

*BT1 gulf of mexico

RT texas

GAMBIA

INIS: 1991-10-22; ETDE: 1978-07-05

BT1 africa

BT1 developing countries

GAME THEORY

INIS: 1996-05-06; ETDE: 1977-05-07

Application of mathematics to a game, business situation, or other problem to maximize gain and minimize loss.

*BT1 statistics

RT decision making

RT information theory

RT probability

GAMETES

BT1 germ cells

NT1 ova

NT1 pollen

NT1 spermatozoa

RT fertilization

RT gametogenesis

RT haploidy

RT zygotes

GAMETOGENESIS

NT1 oogenesis

NT1 spermatogenesis

RT cell division

RT gametes

RT germ cells

RT gonads

RT meiosis

GAMMA 10 DEVICES

INIS: 1989-02-24; ETDE: 1989-03-20

Tsukuba University, Japan.

*BT1 tandem mirrors

GAMMA ASTRONOMY

INIS: 1978-07-31; ETDE: 1978-09-11

For photon energies above 100 kev.

BT1 astronomy

RT cosmic gamma sources

RT cosmic radiation

RT cosmic x-ray sources

gamma benzene hexachloride

INIS: 1976-05-07; ETDE: 2002-06-13

USE lindane

GAMMA CAMERAS

Instruments consisting of a large, thin scintillation crystal or array of photomultiplier tubes, a multichannel collimator, and circuitry to analyze the pulses produced by the photomultiplier.

UF scintillation cameras

BT1 cameras

NT1 positron cameras

RT compton scattering tomography

RT emission computed tomography

RT nuclear medicine

RT radioisotope scanners

RT single photon emission computed tomography

GAMMA CASCADES

*BT1 nuclear cascades
RT cascade theory

GAMMA DECAY

INIS: 1978-02-23; ETDE: 1988-10-12

*BT1 nuclear decay
RT internal conversion

GAMMA DETECTION

UF photon detection (gamma)
*BT1 radiation detection
RT compton diode detectors
RT filament crystal counters
RT gamma dosimetry
RT gamma spectrometers
RT gamma spectroscopy
RT positron annihilation spectroscopy
RT radiation detectors
RT radioisotope scanning

GAMMA DIFFRACTOMETERS

*BT1 diffractometers
RT crystallography
RT diffraction
RT x-ray diffractometers

GAMMA DOSIMETRY

BT1 dosimetry
RT gamma detection

GAMMA FUEL SCANNING

BT1 fuel scanning
*BT1 gamma radiography

GAMMA FUNCTION

BT1 functions
RT mathematics

GAMMA-GAMMA LOGGING

INIS: 1976-10-29; ETDE: 1976-06-07
Gamma source and gamma detector.

UF density log
*BT1 radioactivity logging

gamma heating

USE radiation heating

gamma hexachlorohexane

INIS: 1976-05-07; ETDE: 2002-06-13
USE lindane

GAMMA LOGGING

INIS: 1976-10-29; ETDE: 1976-06-07
Logging the natural gamma activity of a well.

*BT1 radioactivity logging
RT natural radioactivity

GAMMA RADIATION

*BT1 electromagnetic radiation
*BT1 ionizing radiations
NT1 delayed gamma radiation
NT1 prompt gamma radiation
RT cosmic gamma sources
RT gamma sources
RT gamma spectra
RT photons
RT x radiation

GAMMA RADIOGRAPHY

1999-12-03

*BT1 industrial radiography
NT1 gamma fuel scanning

gamma-ray lasers

INIS: 1981-04-03; ETDE: 1978-03-08
(Prior to August 1981, this was a valid ETDE descriptor.)
USE gasers

gamma reactions

INIS: 2000-04-12; ETDE: 1985-03-12
USE photonuclear reactions

GAMMA SOURCES

For cosmic sources of gamma radiation use
COSMIC GAMMA SOURCES.

BT1 radiation sources
RT gamma radiation
RT gasers

GAMMA SPECTRA

BT1 spectra
RT escape peaks
RT gamma radiation

GAMMA SPECTROMETERS

*BT1 spectrometers
NT1 compton spectrometers
NT1 moessbauer spectrometers
NT1 pair spectrometers
RT gamma detection
RT whole-body counters

gamma spectrometry

INIS: 1975-10-23; ETDE: 2002-06-13
USE gamma spectroscopy

GAMMA SPECTROSCOPY

UF gamma spectrometry
BT1 spectroscopy
RT fuel cooling time
RT gamma detection
RT radiometric surveys

gamma transmission scanning

USE photon transmission scanning

GAMMA TRANSPORT THEORY

BT1 transport theory
RT photon transport

GAMMAPHOS

1984-05-24
S-2-(Omega-aminopropylaminoethyl)
phosphorothioate.
*BT1 amines
*BT1 radioprotective substances
*BT1 thiophosphoric acid esters

gammel-brueckner potential

1999-12-06
(Prior to January 1995, this was a valid ETDE descriptor.)
USE nucleon-nucleon potential

gammel-christian-thaler theory

USE gammel-thaler potential

GAMMEL-THALER POTENTIAL

UF gammel-christian-thaler theory
*BT1 ope potential

GAMOW BARRIER

UF gamow factor
RT alpha decay
RT nuclear potential

gamow factor

USE gamow barrier

gamow-teller decay

USE gamow-teller rules

GAMOW-TELLER RULES

UF gamow-teller decay
UF gamow-teller theory
RT beta decay

gamow-teller theory

USE gamow-teller rules

GANGA RIVER

UF gangas river
*BT1 rivers
RT bangladesh
RT india

ganges river

INIS: 1999-12-31; ETDE: 1976-05-17
USE ganga river

GANGLIONS

BT1 nervous system
RT autonomic nervous system
RT spinal cord
RT thalamus

GANGLIOSIDES

*BT1 glycolipids
*BT1 organic nitrogen compounds
RT sialic acid

GANGRENE

*BT1 necrosis
RT ulcers

GANGUE

BT1 residues
RT slags

ganil

INIS: 1999-12-31; ETDE: 1976-05-13
(Prior to July 1985, this was a valid ETDE descriptor.)
USE ganil cyclotron

GANIL CYCLOTRON

INIS: 1976-07-30; ETDE: 1979-05-31
Grand Accelérateur National a Ions Lourds; a heavy ion accelerator consisting of two identical isochronous cyclotrons and a particle booster for injection, located in Caen, France.

UF ganil
UF grand accelérateur national d'ions lourds

*BT1 heavy ion accelerators
*BT1 isochronous cyclotrons
RT heavy ions

garching ipp

INIS: 2000-04-12; ETDE: 1976-05-19
USE ipp garching

gardenhose instability

USE hose instability

GARDENING

INIS: 1999-12-31; ETDE: 1979-03-29
RT agriculture
RT horticulture
RT leisure time activities

GARIGLIANO REACTOR

Sessa Aurunca, Caserta, Italy. Permanent shutdown since March 1982.

UF senn reactor
*BT1 bwr type reactors

GARLIC

1992-09-09
*BT1 vegetables
RT allium sativum
RT bulbs
RT sprout inhibition

GARNETS

1996-11-13
For silicate garnets only.
UF andradite
*BT1 silicate minerals
RT calcium silicates
RT ferrite garnets
RT iron silicates

GARONA REACTOR

Permanent shutdown since July 2013.
UF santa maria de garona nuclear power plant
UF santa maria de garona power reactor

*BT1 bwr type reactors

garrett process

INIS: 2000-04-12; ETDE: 1977-03-08

USE oxy modified in-situ process

garrett pyrolysis process

2000-04-12

USE occidental flash pyrolysis process

GAS ANALYSIS

1996-01-24

UF analysis (gas)

SF orsat apparatus

RT electron-capture detectors

RT gas chromatography

RT gases

RT ion-mobility detectors

RT photoacoustic spectrometers

RT quantitative chemical analysis

RT radio-release analysis

GAS APPLIANCES

INIS: 1993-01-22; ETDE: 1977-06-21

UF natural gas appliances

UF stoves (gas burning)

*BT1 appliances

RT clothes dryers

RT freezers

RT ovens

RT refrigerators

RT water heaters

GAS BEARINGS

BT1 bearings

GAS BLANKETS

INIS: 1975-08-22; ETDE: 1975-10-01

For plasma confinement. For other gas blankets see COVER GAS or INERT ATMOSPHERE.

UF blankets (gas)

RT plasma

RT plasma confinement

GAS BUBBLE DISEASE

INIS: 2000-01-04; ETDE: 1976-04-19

*BT1 cardiovascular diseases

RT fishes

RT water quality

GAS BURNERS

INIS: 1992-06-04; ETDE: 1979-05-09

BT1 burners

RT combustion

RT gas furnaces

gas bursts

INIS: 2000-01-04; ETDE: 1977-05-07

USE rock bursts

GAS CENTRIFUGATION

1976-01-27

*BT1 centrifugation

*BT1 isotope separation

RT centrifuge enrichment plants

RT gas centrifuges

RT isotope enriched materials

RT isotopes

RT ultracentrifugation

GAS CENTRIFUGES

*BT1 centrifuges

RT gas centrifugation

RT isotope separation

RT ultracentrifuges

GAS CHROMATOGRAPHY

*BT1 chromatography

RT gas analysis

RT partition

GAS COMBUSTION PROCESS

2000-04-12

A process that involves the direct heating of oil shales by hot gases from combustion within the retorting vessel.

RT oil shales

GAS COMPRESSORS

ETDE: 1975-09-12

BT1 compressors

RT compressed gases

RT vapor compression refrigeration cycle

GAS CONDENSATE FIELDS

INIS: 1993-01-18; ETDE: 1977-07-23

Oil and gas reservoirs that produce more gas than oil. Condensate does not appear until the gas climbs the well bore and its temperature and pressure are reduced sufficiently to condense some of it into liquid petroleum.

*BT1 natural gas fields

*BT1 petroleum deposits

RT gas condensate wells

RT oil fields

GAS CONDENSATE WELLS

INIS: 1992-09-07; ETDE: 1982-12-01

BT1 wells

RT gas condensate fields

RT gas condensates

RT natural gas wells

RT oil wells

GAS CONDENSATES

INIS: 1992-08-13; ETDE: 1980-05-23

BT1 condensates

*BT1 natural gas liquids

RT gas condensate wells

gas coolants

USE gases

gas cooled fast breeder reactor

1993-11-08

USE gcf reactor

gas cooled fast breeder reactors

1993-11-08

USE gcf type reactors

gas cooled graphite moderated reactors

2000-01-05

USE gcr type reactors

gas cooled reactor experiment

2000-04-12

USE gcre reactor

GAS COOLED REACTORS

SF 710 reactor

BT1 reactors

NT1 air cooled reactors

NT2 afsr reactor

NT2 bepo reactor

NT2 bgrr reactor

NT2 br-1 reactor

NT2 g-1 reactor

NT2 gleep reactor

NT2 harmonie reactor

NT2 hpr reactor

NT2 kalpakam pfr reactor

NT2 masurca reactor

NT2 sneak reactor

NT2 stf reactor

NT2 tory-2a reactor

NT2 tory-2c reactor

NT2 treat reactor

NT2 windscale production reactors

NT2 x-10 reactor

NT2 xma-1 reactor

NT2 zed-2 reactor

NT1 carbon dioxide cooled reactors

NT2 berkeley reactor

NT2 bohunice a-1 reactor

NT2 bradwell reactor

NT2 bugey-1 reactor

NT2 calder hall a-1 reactor

NT2 calder hall a-2 reactor

NT2 calder hall b-3 reactor

NT2 calder hall b-4 reactor

NT2 cesar reactor

NT2 chapelcross-1 reactor

NT2 chapelcross-2 reactor

NT2 chapelcross-3 reactor

NT2 chapelcross-4 reactor

NT2 chinon-a1 reactor

NT2 chinon-a2 reactor

NT2 chinon-a3 reactor

NT2 connah quay-b reactor

NT2 dungeness-a reactor

NT2 dungeness-b reactor

NT2 el-2 reactor

NT2 el-4 reactor

NT2 g-2 reactor

NT2 g-3 reactor

NT2 hartlepool reactor

NT2 hector reactor

NT2 hero reactor

NT2 heysham-a reactor

NT2 heysham-b reactor

NT2 hinkley point-a reactor

NT2 hinkley point-b reactor

NT2 hunterston-a reactor

NT2 hunterston-b reactor

NT2 latina reactor

NT2 lucens reactor

NT2 niederaichbach reactor

NT2 oldbury-a reactor

NT2 oldbury-b reactor

NT2 saint laurent-a1 reactor

NT2 saint laurent-a2 reactor

NT2 sizewell-a reactor

NT2 tokai-mura reactor

NT2 torness reactor

NT2 trawsfynydd reactor

NT2 vandello reactor

NT2 wagr reactor

NT2 wylfa reactor

NT1 ewg-1 reactor

NT1 gcf type reactors

NT2 gcf reactor

NT1 gcr type reactors

NT2 agr type reactors

NT3 connah quay-b reactor

NT3 dungeness-b reactor

NT3 hartlepool reactor

NT3 heysham-a reactor

NT3 heysham-b reactor

NT3 hinkley point-b reactor

NT3 hunterston-b reactor

NT3 torness reactor

NT3 wagr reactor

NT2 bugey-1 reactor

NT2 chinon-a1 reactor

NT2 chinon-a2 reactor

NT2 chinon-a3 reactor

NT2 g-1 reactor

NT2 g-2 reactor

NT2 g-3 reactor

NT2 magnox type reactors

NT3 berkeley reactor

NT3 bradwell reactor

NT3 calder hall a-1 reactor

NT3 calder hall a-2 reactor

NT3 calder hall b-3 reactor

NT3 calder hall b-4 reactor

NT3 chapelcross-1 reactor

NT3 chapelcross-2 reactor

NT3 chapelcross-3 reactor

NT3 chapelcross-4 reactor
 NT3 dungeness-a reactor
 NT3 hinkley point-a reactor
 NT3 hunterston-a reactor
 NT3 latina reactor
 NT3 oldbury-a reactor
 NT3 sizewell-a reactor
 NT3 tokai-mura reactor
 NT3 trawsfynydd reactor
 NT3 wylfa reactor
 NT2 saint laurent-a1 reactor
 NT2 saint laurent-a2 reactor
 NT2 vandellos reactor
 NT1 helium cooled reactors
 NT2 avr reactor
 NT2 dragon reactor
 NT2 ebor reactor
 NT2 egcr reactor
 NT2 fulton-1 reactor
 NT2 fulton-2 reactor
 NT2 gcfr reactor
 NT2 gcre reactor
 NT2 htr-10 reactor
 NT2 httr reactor
 NT2 iea-zpr reactor
 NT2 peach bottom-1 reactor
 NT2 schmehausen-2 reactor
 NT2 summit-1 reactor
 NT2 summit-2 reactor
 NT2 thtr-300 reactor
 NT2 uhtrex reactor
 NT2 vg-400 reactor
 NT2 vgr-50 reactor
 NT2 vhttr reactor
 NT2 vidal-1 reactor
 NT2 vidal-2 reactor
 NT2 vrain reactor
 NT1 htgr type reactors
 NT2 avr reactor
 NT2 dragon reactor
 NT2 fulton-1 reactor
 NT2 fulton-2 reactor
 NT2 ga standard reactor
 NT2 htr-10 reactor
 NT2 httr reactor
 NT2 kahter reactor
 NT2 peach bottom-1 reactor
 NT2 schmehausen-2 reactor
 NT2 summit-1 reactor
 NT2 summit-2 reactor
 NT2 thtr-300 reactor
 NT2 vg-400 reactor
 NT2 vgr-50 reactor
 NT2 vhttr reactor
 NT2 vidal-1 reactor
 NT2 vidal-2 reactor
 NT2 vrain reactor
 NT1 hwgcr type reactors
 NT2 bohunice a-1 reactor
 NT2 bohunice a-2 reactor
 NT2 el-4 reactor
 NT2 lucens reactor
 NT2 niederaichbach reactor
 NT1 hydrogen cooled reactors
 NT2 kiwi reactors
 NT3 kiwi-tnt reactor
 NT2 nerva reactor
 NT2 nrx-a2 reactor
 NT2 nrx-a3 reactor
 NT2 nrx-a4-est reactor
 NT2 nrx-a5 reactor
 NT2 nrx-a6 reactor
 NT2 pewee-1 reactor
 NT2 pewee-2 reactor
 NT2 pewee-3 reactor
 NT2 pewee-4 reactor
 NT2 phoebus-1a reactor
 NT2 phoebus-1b reactor
 NT2 phoebus-2a reactor

NT2 rover reactors
 NT2 xe-prime reactor
 NT1 nitrogen cooled reactors
 NT2 hltr reactor
 NT2 ml-1 reactor
 NT2 zenith reactor
 NT1 pebble bed reactors
 NT2 avr reactor
 NT2 thtr-300 reactor
 NT2 vg-400 reactor
 NT2 vgr-50 reactor
 RT steam cooled reactors

GAS COOLING

BT1 cooling

GAS CYLINDERS

BT1 containers

GAS DISCHARGE TUBES

1996-01-24

BT1 electron tubes
 NT1 flash tubes
 NT1 ignitrons
 NT1 thyratrons

GAS DYNAMIC LASERS

INIS: 1992-08-11; ETDE: 1981-08-21

*BT1 gas lasers

gas engines

1994-09-09

USE internal combustion engines

gas fields

INIS: 1992-02-19; ETDE: 1976-03-11

USE natural gas fields

GAS FLOW

UF dampers (gas flow)
 UF draft control systems
 BT1 fluid flow
 NT1 air flow
 NT1 knudsen flow
 NT1 slip flow
 RT aerodynamics
 RT air curtains
 RT air infiltration
 RT compressible flow
 RT electrogasdynamics
 RT magnetogasdynamics
 RT multiphase flow
 RT two-phase flow

GAS-FLOW PROCESSES

INIS: 2000-04-12; ETDE: 1975-11-11

Oil shale retorting processes in which heat transfer is effected by an externally heated carrier fluid, in this case superheated steam mixed with air.

RT oil shales

GAS FUELED REACTORS

*BT1 fluid fueled reactors
 *BT1 homogeneous reactors
 NT1 coaxial flow reactors
 NT1 light bulb reactors
 NT1 plasma core assembly
 RT gas fuels

GAS FUELS

2000-01-05

BT1 fuels
 NT1 fuel gas
 NT2 high btu gas
 NT2 intermediate btu gas
 NT3 carburetted water gas
 NT3 town gas
 NT3 water gas
 NT2 landfill gas
 NT2 low btu gas
 NT3 producer gas

NT2 natural gas
 NT3 abiogenic gas
 NT3 compressed natural gas
 NT3 liquefied natural gas
 RT fissioning plasma
 RT gas fueled reactors
 RT nuclear fuels

GAS FURNACES

INIS: 1993-03-10; ETDE: 1977-03-04

BT1 furnaces
 RT gas burners

GAS GENERATORS

INIS: 2000-01-04; ETDE: 1976-11-17

Devices used to generate gases in the laboratory; chemical plants for producing gas from coal, for example, water gas.

NT1 hydrogen generators
 RT furnaces
 RT gases
 RT oil shale processing plants
 RT wellman-incandescent process

GAS HEAT PUMPS

INIS: 2000-01-05; ETDE: 1980-11-25

BT1 heat pumps
 RT natural gas
 RT space hvac systems

GAS HYDRATES

INIS: 1993-01-28; ETDE: 1977-01-28

Crystalline solid clathrate compound formed by natural gas and water and insoluble in water.

UF methane hydrates
 BT1 hydrates
 RT natural gas
 RT natural gas hydrate deposits
 RT pipelines

GAS INJECTION

INIS: 1981-07-06; ETDE: 1976-03-11

BT1 fluid injection
 RT petroleum
 RT thermonuclear fuels
 RT thermonuclear reactor fueling
 RT well stimulation

GAS-INSULATED CABLES

INIS: 1976-08-17; ETDE: 1976-03-11

*BT1 electric cables
 RT power transmission
 RT power transmission lines
 RT superconducting cables

GAS-INSULATED SUBSTATIONS

INIS: 1993-03-24; ETDE: 1982-03-10

BT1 power substations
 RT power distribution systems
 RT sulfur fluorides

GAS-INSULATED TRANSFORMERS

INIS: 2000-01-05; ETDE: 1981-05-18

*BT1 transformers
 RT power systems
 RT power transmission

GAS LASERS

1995-07-21

BT1 lasers
 NT1 carbon dioxide lasers
 NT1 carbon monoxide lasers
 NT1 excimer lasers
 NT2 krypton chloride lasers
 NT2 krypton fluoride lasers
 NT1 gas dynamic lasers
 NT1 helium-neon lasers
 NT1 helium-xenon lasers
 NT1 iodine lasers
 NT1 metal vapor lasers

GAS LIFTS

INIS: 1992-07-21; ETDE: 1977-01-28
Process of lifting fluids from a well by injecting relatively high-pressure gas.

BT1 artificial lifts
 RT oil wells
 RT petroleum

GAS LUBRICANTS

BT1 lubricants

GAS METAL-ARC WELDING

*BT1 arc welding
 NT1 gas tungsten-arc welding

GAS METERS

INIS: 1992-03-12; ETDE: 1978-04-06
 UF hydrocarbon logging
 *BT1 meters
 RT energy consumption
 RT master metering
 RT natural gas

gas odorization

INIS: 2000-04-12; ETDE: 1977-03-04
 USE odorization

GAS OILS

1992-01-09
Petroleum distillates boiling within the general range 204 degrees to 593 degrees C.
 *BT1 petroleum distillates
 BT1 petroleum products
 NT1 diesel fuels
 NT1 fuel oils
 NT2 heating oils
 NT2 residual fuels
 NT1 kerosene

gas production rates

INIS: 2000-04-12; ETDE: 1979-09-26
Rates for production of helium or hydrogen in the lattice structure of reactor structural materials, induced by neutron irradiation.
 (Prior to June 1994, this was a valid ETDE descriptor.)
 SEE interstitial helium generation
 SEE interstitial hydrogen generation

GAS RECYCLE HYDROGENATION PROCESS

INIS: 2000-04-12; ETDE: 1976-01-23
Gasification of distillate feed stock produced from crude oil to manufacture sng.
 BT1 sng processes
 RT petroleum
 RT steam reformer processes

GAS SATURATION

INIS: 1992-07-10; ETDE: 1977-06-02
Degree of filling of reservoir pore structure by reservoir gas.
 UF reservoir gas saturation
 BT1 saturation
 RT oil saturation
 RT reservoir rock
 RT water saturation

GAS SCINTILLATION DETECTORS

*BT1 scintillation counters
 RT proportional counters
 RT rare gases

GAS SPILLS

INIS: 1992-04-09; ETDE: 1976-07-07
 UF lng spills
 BT1 accidents
 RT chemical spills
 RT hazardous materials spills
 RT natural gas
 RT pollution

gas stations

INIS: 2000-04-12; ETDE: 1979-05-09
 USE gasoline service stations

GAS TRACK DETECTORS

UF track detectors (gas)
 *BT1 radiation detectors
 NT1 bubble chambers
 NT2 cryogenic bubble chambers
 NT2 heavy liquid bubble chambers
 NT2 ultrasonic bubble chambers
 NT1 cloud chambers
 NT2 diffusion chambers
 NT2 expansion chambers
 NT1 spark chambers
 NT2 filmless spark chambers
 NT3 sonic spark chambers
 NT3 wire spark chambers
 NT2 projection spark chambers
 NT2 streamer spark chambers
 NT2 wide gap spark chambers

GAS TUNGSTEN-ARC WELDING

*BT1 gas metal-arc welding

GAS TURBINE ENGINES

INIS: 1992-05-04; ETDE: 1979-02-23
 *BT1 internal combustion engines
 RT aaps
 RT coal-fired gas turbines

GAS TURBINE POWER PLANTS

INIS: 1982-12-06; ETDE: 1979-09-06
 BT1 power plants
 RT coal-fired gas turbines
 RT combined-cycle power plants
 RT gas turbines
 RT peaking power plants
 RT power generation

GAS TURBINES

*BT1 turbines
 NT1 coal-fired gas turbines
 RT brayton cycle power systems
 RT gas turbine power plants
 RT steam turbines

GAS UTILITIES

INIS: 1992-04-09; ETDE: 1978-02-14
 SF utilities
 BT1 public utilities
 RT load analysis
 RT master metering
 RT natural gas distribution systems
 RT natural gas industry

GAS WELDING

*BT1 welding

gas wells

INIS: 1976-05-07; ETDE: 1975-10-01
 USE natural gas wells

GAS YIELDS

INIS: 1993-07-21; ETDE: 1976-04-19
 BT1 yields
 RT productivity

GASBUGGY EVENT

*BT1 crosstie operation
 BT1 plowshare project
 RT natural gas
 RT oil shales

GASEOUS DIFFUSION

BT1 diffusion

GASEOUS DIFFUSION PLANTS

UF enrichment plants (gaseous diffusion)
 *BT1 isotope separation plants
 NT1 orgdp
 NT1 paducah plant

NT1 portsmouth gaseous diffusion plant
 RT diffusion barriers
 RT eurodif
 RT gaseous diffusion process
 RT nuclear industry

GASEOUS DIFFUSION PROCESS

*BT1 isotope separation
 RT diffusion barriers
 RT gaseous diffusion plants
 RT orgdp

gaseous effluents

USE gaseous wastes

GASEOUS WASTES

UF effluents (gaseous)
 UF gaseous effluents
 UF radioactive gaseous wastes
 BT1 wastes
 NT1 exhaust gases
 NT1 flue gas
 RT chemical effluents
 RT combustion products
 RT electrostatic precipitators
 RT fume hoods
 RT gases
 RT ground release
 RT industrial wastes
 RT off-gas systems
 RT plumes
 RT radioactive effluents
 RT stack disposal
 RT stacks
 RT ventilation
 RT waste disposal
 RT waste forms

GASERS

INIS: 1999-02-22; ETDE: 1976-05-17
Gamma-ray Amplification by Stimulated Emission of Radiation.
 UF gamma-ray lasers
 UF grasers
 SF stimulated emission devices
 RT gamma sources
 RT lasers
 RT masers
 RT nuclear pumping
 RT stimulated emission

GASES

See also ELECTRON GAS and FERMI GAS.

UF gas coolants
 BT1 fluids
 NT1 air
 NT2 compressed air
 NT2 surface air
 NT1 associated gas
 NT1 coal gas
 NT1 compressed gases
 NT2 compressed air
 NT2 compressed natural gas
 NT1 cosmic gases
 NT1 cover gas
 NT1 dissociating gases
 NT1 dissolved gases
 NT1 exhaust gases
 NT1 fuel gas
 NT2 high btu gas
 NT2 intermediate btu gas
 NT3 carburetted water gas
 NT3 town gas
 NT3 water gas
 NT2 landfill gas
 NT2 low btu gas
 NT3 producer gas
 NT2 natural gas
 NT3 abiogenic gas
 NT3 compressed natural gas
 NT3 liquefied natural gas

NT1 ionized gases
 NT2 fully ionized gases
 NT3 lorentz gas
 NT2 strongly ionized gases
 NT2 weakly ionized gases
 NT1 pyrolytic gases
 NT1 rare gases
 NT2 argon
 NT2 helium
 NT2 krypton
 NT2 neon
 NT2 radon
 NT2 xenon

NT1 rarefied gases
 NT1 refinery gases
 NT1 shale gas
 NT1 synthesis gas
 NT1 vapors
 NT2 water vapor
 NT1 volcanic gases
 RT aeration
 RT boltzmann equation
 RT buffers
 RT coolants
 RT dispersions
 RT electron gas
 RT fermi gas
 RT gas analysis
 RT gas generators
 RT gaseous wastes
 RT hard-sphere model
 RT jesse effect
 RT kinetic equations
 RT kinetics
 RT paschen law
 RT phase diagrams
 RT underground disposal
 RT virial equation

GASIFICATION

Any technique for converting coal or other products into gaseous fuel. For other types of gasification, see EVAPORATION, BOILING, or DISTILLATION.

BT1 thermochemical processes
 NT1 biothermegas process
 NT1 coal gasification
 NT2 agglomerating ash process
 NT2 arc coal process
 NT2 babcock and wilcox-dupont process
 NT2 beacon process
 NT2 bgc-lurgi slagging process
 NT2 bi-gas process
 NT2 ce entrained fuel process
 NT2 coalcon process
 NT2 cogas process
 NT2 combined-cycle fw process
 NT2 consol synthetic gas process
 NT2 cs-r process
 NT2 dow gasification process
 NT2 exxon gasification process
 NT2 flash hydroxyrolysis process
 NT2 gegas process
 NT2 gkt process
 NT2 htw process
 NT2 humboldt gasification process
 NT2 hydrane process
 NT2 hygas process
 NT2 i g process
 NT2 kbw gasification process
 NT2 kellogg process
 NT2 kilngas process
 NT2 kloekner-iron bath coal gasification process
 NT2 koppers process
 NT2 koppers-totzek process
 NT2 krw gasification process
 NT2 lurgi cfb gasification process
 NT2 lurgi process

NT2 lurgi slagging process
 NT2 molten iron puregas process
 NT2 molten salt coal gasification process
 NT2 moving-burden process
 NT2 occidental flash pyrolysis process
 NT2 otto rummel slag bath process
 NT2 peatgas process
 NT2 prenflo process
 NT2 ruhr 100 gasification process
 NT2 saarberg-otto gasification process
 NT2 seacoke process
 NT2 shell-koppers gasification process
 NT2 synthane process
 NT2 texaco gasification process
 NT2 toscodyne process
 NT2 toscopal process
 NT2 u-gas process
 NT2 wellman-galusha process
 NT2 wellman-incandescent process
 NT2 westinghouse gasification process
 NT2 woodall-duckham process
 NT1 fluidized bed refuse gasification
 NT1 in-situ gasification
 RT coal

GASKETS

1997-06-19
 UF o-rings
 BT1 seals
 RT weatherstripping

GASOHOL

INIS: 1992-04-13; ETDE: 1979-08-07
Blend of gasoline and alcohol, usually methanol or ethanol.

*BT1 liquid fuels
 RT alcohol fuels
 RT alcohols
 RT automotive fuels
 RT ethanol fuels
 RT gasoline
 RT methanol fuels

GASOHOL PROGRAM

INIS: 2000-04-12; ETDE: 1976-09-15
Program for blending agriculturally derived ethanol and unleaded gasoline.

RT ethanol
 RT gasoline
 RT synthetic fuels

GASOLINE

SF aircraft fuels
 SF aviation fuels
 *BT1 liquid fuels
 BT1 petroleum products
 NT1 unleaded gasoline
 RT automotive fuels
 RT bromine number
 RT gasohol
 RT gasohol program
 RT gasoline service stations
 RT mobil m-gasoline process
 RT spark ignition engines

gasoline engines

1994-09-09
 USE internal combustion engines

GASOLINE PLANTS

INIS: 2000-04-12; ETDE: 1979-02-27
 *BT1 chemical plants
 RT coal gasification
 RT commercialization
 RT methanol plants
 RT mobil m-gasoline process

GASOLINE SERVICE STATIONS

INIS: 2000-04-12; ETDE: 1979-05-09
 UF filling stations
 UF full-serve stations

UF gas stations
 UF mini-serve stations
 UF self-serve stations
 UF service stations
 *BT1 retailers
 RT automotive fuels
 RT gasoline
 RT small businesses
 RT unleaded gasoline

gasoline spills

INIS: 1992-04-09; ETDE: 2002-06-13
 USE hazardous materials spills

gasteropods

USE molluscs

GASTRECTOMY

*BT1 surgery
 RT digestive system diseases
 RT stomach

GASTRIC ACID

*BT1 body fluids
 RT digestion
 RT gastrin
 RT secretion
 RT stomach

gastric administration

USE oral administration

GASTRIN

*BT1 peptide hormones
 *BT1 polypeptides
 RT gastric acid
 RT secretion
 RT stomach

GASTROINTESTINAL TRACT

1996-11-13
 BT1 digestive system
 NT1 intestines
 NT2 large intestine
 NT3 rectum
 NT2 small intestine
 NT1 stomach
 RT abdomen
 RT metabolic diseases
 RT peritoneum
 RT radiation syndrome
 RT trichinosis

GASTUNITE

2000-04-12
 *BT1 uranium minerals

gasynthan process

INIS: 2000-04-12; ETDE: 1976-01-23
Process for production of synthetic natural gas with calorific value up to 1000 btu/scf, at pressures between 300 and 500 psig, from natural gas condensates, propane - butane, refinery gases, light and full range naphtha. (Prior to January 1995, this was a valid ETDE descriptor.)

USE sng processes

GATING CIRCUITS

BT1 electronic circuits
 RT logic circuits
 RT switching circuits

GAUGE INVARIANCE

UF gauge transformations
 BT1 invariance principles
 RT aharonov-bohm effect
 RT baryon number
 RT charge conservation
 RT hypercharge
 RT instantons
 RT lattice field theory

RT lepton number
 RT operator product expansion
 RT quantum chromodynamics
 RT quantum field theory
 RT strangeness
 RT supergravity
 RT unified gauge models
 RT ward identity

gauge transformations

USE gauge invariance

gauss distribution

USE gauss function

GAUSS FUNCTION

UF *gauss distribution*
 BT1 functions
 RT distribution
 RT gaussian processes
 RT statistics

gauss nuclear model

USE gauss potential

GAUSS POTENTIAL

UF *gauss nuclear model*
 *BT1 nucleon-nucleon potential

gauss quadratures

USE quadratures

GAUSSIAN PROCESSES

RT distribution
 RT gauss function
 RT stochastic processes

gcep

1987-04-28

USE portsmouth centrifuge enrichment plant

GCFR REACTOR

Gulf General Atomic, San Diego, California, USA.

UF *gas cooled fast breeder reactor*
 UF *gulf general atomic fast breeder reactor*

*BT1 gcfr type reactors
 *BT1 helium cooled reactors

GCFR TYPE REACTORS

1977-06-17

UF *gas cooled fast breeder reactors*
 *BT1 fbr type reactors
 *BT1 gas cooled reactors
 NT1 gcfr reactor

GCR TYPE REACTORS

UF *gas cooled graphite moderated reactors*

*BT1 gas cooled reactors
 *BT1 graphite moderated reactors

NT1 agr type reactors
 NT2 connah quay-b reactor
 NT2 dungeness-b reactor
 NT2 hartlepool reactor
 NT2 heysham-a reactor
 NT2 heysham-b reactor
 NT2 hinkley point-b reactor
 NT2 hunterston-b reactor
 NT2 torness reactor
 NT2 wagr reactor
 NT1 bugey-1 reactor
 NT1 chinon-a1 reactor
 NT1 chinon-a2 reactor
 NT1 chinon-a3 reactor
 NT1 g-1 reactor
 NT1 g-2 reactor
 NT1 g-3 reactor
 NT1 magnox type reactors
 NT2 berkeley reactor

NT2 bradwell reactor
 NT2 calder hall a-1 reactor
 NT2 calder hall a-2 reactor
 NT2 calder hall b-3 reactor
 NT2 calder hall b-4 reactor
 NT2 chapelcross-1 reactor
 NT2 chapelcross-2 reactor
 NT2 chapelcross-3 reactor
 NT2 chapelcross-4 reactor
 NT2 dungeness-a reactor
 NT2 hinkley point-a reactor
 NT2 hunterston-a reactor
 NT2 latina reactor
 NT2 oldbury-a reactor
 NT2 sizewell-a reactor
 NT2 tokai-mura reactor
 NT2 trawsfynydd reactor
 NT2 wylfa reactor

NT1 saint laurent-a1 reactor
 NT1 saint laurent-a2 reactor
 NT1 vandellors reactor
 RT carbon dioxide cooled reactors
 RT power reactors

GCRE REACTOR

2000-04-12

INEEL, Idaho Falls, Idaho, USA. Shut down in 1961.

UF *gas cooled reactor experiment*
 *BT1 experimental reactors
 *BT1 helium cooled reactors
 *BT1 power reactors
 *BT1 water moderated reactors

GDL FACILITY

INIS: 1986-05-26; ETDE: 1986-02-03

Nd glass laser facility at University of Rochester.

UF *glass development laser facility*
 RT laser fusion reactors
 RT neodymium lasers
 RT omega facility

GDT DEVICE

2016-06-02

Gas dynamic trap.

*BT1 magnetic mirrors
 *BT1 open plasma devices

GE 2541

INIS: 2000-04-12; ETDE: 1980-11-25

*BT1 aluminium alloys
 *BT1 chromium alloys
 *BT1 iron base alloys
 *BT1 yttrium alloys

ge computers

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE computers

ge detectors (high-purity)

INIS: 1975-12-09; ETDE: 2002-06-13

USE high-purity ge detectors

ge process

INIS: 2000-04-12; ETDE: 1982-07-27

In the process pyritic and organic sulfur is removed from coal by leaching with caustic solution, producing sulfides and polysulfides. The leaching is performed in two stages under microwave irradiation lasting 30 seconds or less per stage.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE desulfurization

GE SEMICONDUCTOR DETECTORS

UF *germanium detectors*
 *BT1 semiconductor detectors
 NT1 high-purity ge detectors

NT1 li-drifted ge detectors

GE STANDARD REACTOR

1975-09-26

USA.

(Prior to 1975, BWR/6 TYPE REACTORS was used.)

UF *bwr/6 type reactors*
 UF *general electric standard reactor*
 *BT1 bwr type reactors
 RT black fox-1 reactor
 RT black fox-2 reactor
 RT hartsville-1 reactor
 RT hartsville-2 reactor
 RT hartsville-3 reactor
 RT hartsville-4 reactor
 RT phipps bend-1 reactor
 RT phipps bend-2 reactor
 RT skagit-1 reactor
 RT skagit-2 reactor

ge(li) detectors

USE li-drifted ge detectors

GEARS

INIS: 1980-11-28; ETDE: 1976-09-28

BT1 machine parts
 RT lubricants
 RT lubrication
 RT mechanical efficiency
 RT mechanical transmissions
 RT rolling friction
 RT wear
 RT wear resistance
 RT wheels

GEESE

INIS: 2000-04-12; ETDE: 1979-05-02

*BT1 fowl

geesthacht-1 research reactor

USE frg-1 reactor

geesthacht-2 research reactor

USE frg-2 reactor

GEGAS PROCESS

INIS: 2000-04-12; ETDE: 1976-02-19

An integrated coal gasification--gas-cleaning process optimized for the production of clean low btu gas.

*BT1 coal gasification
 RT low btu gas

gegenschein

USE zodiacal light

GEIGER-MUELLER COUNTERS

*BT1 radiation detectors
 RT avalanche quenching
 RT flow counters

GEIGER-NUTTALL LAW

INIS: 1986-08-19; ETDE: 1986-09-05

RT alpha decay
 RT alpha particles
 RT half-life
 RT mean free path

GEKKO FACILITY

INIS: 1985-09-09; ETDE: 1985-10-11

Nd glass laser facility at Osaka University for laser fusion experiments.

RT laser fusion reactors
 RT neodymium lasers

GEL PERMEATION CHROMATOGRAPHY

INIS: 1984-04-04; ETDE: 1983-05-21

*BT1 chromatography

GELATIN

*BT1 colloids

*BT1 proteins

GELATION

RT colloids
RT sol-gel process

GELL-MANN THEORY

RT quantum numbers
RT strangeness

GELS

*BT1 colloids
NT1 hydrogels
NT1 hydrophylic polymers
RT plugging agents
RT thixotropy

gemeinschaftskernkraftwerk neckar

USE neckar-1 reactor

gene activators

INIS: 1985-11-19; ETDE: 2002-06-13
USE gene regulation

GENE AMPLIFICATION

INIS: 1993-08-26; ETDE: 1986-01-24
An increase in the number of copies of a gene in the genome so that a protein product is produced at elevated levels.

NT1 polymerase chain reaction
RT cell differentiation
RT genetic engineering
RT immunoglobulins
RT recombinant dna

gene loci

USE genes

GENE MUTATIONS

UF point mutations
BT1 mutations
RT gene recombination
RT gene therapy
RT genes
RT genetic engineering
RT polymerase chain reaction
RT recombinant dna

GENE OPERONS

INIS: 1985-11-19; ETDE: 1984-06-29
Small segments of chromosomes which govern transcription of the DNA by controlling access to the gene.

RT chromosomes
RT codons
RT dna
RT gene regulation
RT genes
RT rna

gene promotors

INIS: 1985-11-19; ETDE: 1984-06-29
USE gene repressors

GENE RECOMBINATION

UF recombination (genetic)
RT crossing-over
RT dna mismatch
RT gene mutations
RT gene recombination proteins
RT genes
RT genetic variability
RT recombinant dna

GENE RECOMBINATION PROTEINS

INIS: 2000-04-12; ETDE: 1987-07-22
A group of enzymes which mediate gene recombination and crossing-over during meiosis but also are involved in repair of DNA.

*BT1 enzymes
RT crossing-over

RT dna repair
RT endonucleases
RT gene recombination
RT meiosis
RT nucleoproteins

GENE REGULATION

INIS: 1995-06-09; ETDE: 1985-11-19
The complex series of biochemical events serving to control the expression of a gene or gene family.

UF gene activators
NT1 enzyme induction
RT biosynthesis
RT chromosomes
RT codons
RT exons
RT gene operons
RT gene repressors
RT genes
RT genetic engineering
RT human chromosomes
RT introns
RT microarray technology
RT splicing
RT transcription
RT transcription factors

GENE REPRESSORS

INIS: 1991-10-22; ETDE: 1984-06-29
A class of proteins which block the transcription of one or more genes by binding to a control segment of the chromosome. Since the gene product encoded cannot be synthesized, the property conferred by the gene is not expressed.

UF gene promotors
RT enzyme induction
RT gene regulation
RT nucleoproteins
RT transcription
RT transcription factors

GENE THERAPY

2003-08-26
Technique for correcting defective genes responsible for disease development.

*BT1 therapy
RT gene mutations
RT genetic engineering

general accounting office

INIS: 2000-01-11; ETDE: 1979-02-23
USE us gao

general atomic fuel fabrication facility

1996-07-18
(Until July 1996 this was a valid descriptor.)
USE fuel fabrication plants

general atomic standard reactor

1993-11-08
USE ga standard reactor

GENERAL CIRCULATION MODELS

INIS: 1991-07-02; ETDE: 1986-06-12
BT1 mathematical models
RT atmospheric circulation
RT climate models
RT fluid mechanics
RT meteorology
RT oceanic circulation
RT three-dimensional calculations

general electric nuclear test reactor

1993-11-08
USE ntr reactor

general electric standard reactor

2000-01-11
USE ge standard reactor

general electric test reactor

2000-01-11
USE getr reactor

general law

INIS: 1990-12-15; ETDE: 2002-06-13
(Prior to December 1990, this was a valid descriptor.)
USE laws

general quantum field theory

INIS: 1977-11-21; ETDE: 1978-03-08
USE axiomatic field theory

GENERAL RELATIVITY THEORY

2000-01-11
UF einstein gravitation theory
BT1 field theories
BT1 relativity theory
RT cosmological constant
RT cosmological models
RT cosmology
RT einstein effect
RT einstein field equations
RT einstein-maxwell equations
RT energy-momentum tensor
RT equivalence principle
RT gravitation
RT gravitational fields
RT gravitational lenses
RT gravitational radiation
RT kaluza-klein theory
RT loop quantum gravity
RT m-theory
RT mach principle
RT nonluminous matter
RT quantum gravity
RT schwarzschild metric

generating capacity

INIS: 1982-12-03; ETDE: 1977-06-02
USE capacity

GENERATOR-COORDINATE METHOD

BT1 calculation methods
RT boson expansion
RT nuclear structure
RT pairing interactions
RT quantum mechanics

generators (aerosol)

USE aerosol generators

generators (electric)

USE electric generators

generators (pulse)

USE pulse generators

generators (radioisotope)

USE radioisotope generators

generators (steam)

USE steam generators

generators (vapor)

USE vapor generators

GENES

1996-05-03
UF cistrons
UF gene loci
NT1 lethal genes
NT1 oncogenes
NT1 replicons
RT chromosomes
RT codons

RT exons
 RT gene mutations
 RT gene operons
 RT gene recombination
 RT gene regulation
 RT genetic effects
 RT genetic engineering
 RT genetic mapping
 RT genotype
 RT human chromosomes
 RT in-situ hybridization
 RT introns
 RT plasmids
 RT rflps
 RT transcription
 RT transposons

genesis

INIS: 2000-01-11; ETDE: 1980-07-23
 USE origin

GENETIC ALGORITHMS

2018-03-01
 *BT1 algorithms
 RT neural networks
 RT numerical solution
 RT optimization

GENETIC CONTROL

*BT1 pest control
 RT chromosomal aberrations
 RT insects
 RT mutagenesis
 RT mutations
 RT sterility

GENETIC EFFECTS

BT1 biological effects
 NT1 genetic radiation effects
 RT chromosomes
 RT congenital malformations
 RT genes
 RT genetics
 RT gonads
 RT human chromosomes
 RT mosaicism
 RT mutations
 RT radiation equivalence
 RT sister chromatid exchanges
 RT teratogens

GENETIC ENGINEERING

INIS: 1984-12-04; ETDE: 1981-07-18
 BT1 biotechnology
 NT1 nucleic acid hybridization
 NT2 dna hybridization
 NT3 dna-cloning
 NT2 in-situ hybridization
 RT cell differentiation
 RT dna
 RT gene amplification
 RT gene mutations
 RT gene regulation
 RT gene therapy
 RT genes
 RT genetic radiation effects
 RT hybridization
 RT molecular biology
 RT polymerase chain reaction
 RT protein engineering
 RT transposons

GENETIC MAPPING

INIS: 1997-06-17; ETDE: 1976-08-24
 The graphical representation of the linear arrangement of genes on a chromosome.
 BT1 mapping
 RT banding techniques
 RT chromosomes
 RT contigs
 RT dna hybridization

RT genes
 RT human chromosomes
 RT in-situ hybridization
 RT microarray technology
 RT rflps

GENETIC RADIATION EFFECTS

*BT1 biological radiation effects
 *BT1 genetic effects
 RT chromosome losses
 RT delayed radiation effects
 RT genetic engineering
 RT genetically significant dose
 RT sister chromatid exchanges

GENETIC VARIABILITY

2000-01-11
 UF variability (genetic)
 BT1 biological variability
 RT ecological balance
 RT gene recombination
 RT rflps
 RT transposons

GENETICALLY SIGNIFICANT DOSE

UF gsd
 *BT1 radiation doses
 RT dose-response relationships
 RT genetic radiation effects
 RT populations
 RT radiation hazards

GENETICS

UF heredity
 BT1 biology
 RT animal breeding
 RT biological evolution
 RT cytology
 RT genetic effects
 RT hereditary diseases
 RT hybridization
 RT nucleic acids
 RT plasmids

genitals (female)

USE female genitals

genitals (male)

USE male genitals

GENKAI-1 REACTOR

Kyushu Electric Power Co., Genkai, Saga, Japan. Permanent shutdown since 2015.
 UF kyushu-1 reactor
 *BT1 pwr type reactors

GENKAI-2 REACTOR

INIS: 1979-09-18; ETDE: 1978-08-07
 Kyushu Electric Power Co., Genkai, Saga, Japan.
 UF kyushu-2 reactor
 *BT1 pwr type reactors

GENKAI-3 REACTOR

INIS: 1985-06-07; ETDE: 1985-07-18
 Kyushu Electric Power Co., Genkai, Saga, Japan.
 *BT1 pwr type reactors

GENKAI-4 REACTOR

INIS: 1985-06-07; ETDE: 1985-07-18
 Kyushu Electric Power Co., Genkai, Saga, Japan.
 UF kyushu-4 reactor
 *BT1 pwr type reactors

GENOME MUTATIONS

BT1 mutations
 RT aneuploidy
 RT karyotype
 RT non-disjunction
 RT ploidy

RT polyploidy

GENOTYPE

RT genes
 RT mutagenesis
 RT ontogenesis
 RT phenotype

GENTILLY-1 REACTOR

Nicolet, Quebec, Canada. Permanent shutdown since 1977.
 UF gently reactor
 *BT1 candu type reactors
 *BT1 hwlwr type reactors
 *BT1 natural uranium reactors

GENTILLY-2 REACTOR

Nicolet, Quebec, Canada. Permanent shutdown since 2012.
 UF gently reactor
 *BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors

gently reactor

ETDE: 2002-06-13
 Prior 2018 used for GENTILLY-1 REACTOR.
 USE gently-1 reactor
 USE gently-2 reactor

geo neutrinos

2016-12-12
 USE geoneutrinos

GEOBAROMETRY

INIS: 2000-01-20; ETDE: 1977-12-22
 Any method for the direct or indirect determination of the pressure conditions under which a rock or mineral was formed.
 RT minerals
 RT pressure measurement
 RT rocks

GEOBOTANY

*BT1 botany
 RT biogeochemistry
 RT biological evolution

GEOCHEMICAL SURVEYS

SF surveys
 BT1 geologic surveys
 RT exploration
 RT geochemistry
 RT geology
 RT geothermal exploration
 RT ground truth measurements
 RT marine surveys
 RT prospecting
 RT seeps

GEOCHEMISTRY

1999-05-04
 BT1 chemistry
 NT1 biogeochemistry
 RT acid neutralizing capacity
 RT coalification
 RT geochemical surveys
 RT geology
 RT geothermometry
 RT natural occurrence
 RT organic matter
 RT site characterization

geochronology

USE age estimation

GEOCORONA

RT earth atmosphere
 RT interplanetary space
 RT solar wind

GEODESICS

Lines along which the distance between two points reaches an extremum.
 RT mathematical space

GEODESY

RT mathematics

GEODETTIC SURVEYS

INIS: 2000-01-20; ETDE: 1978-07-05
A survey of a large land area used for the precise location of basic points.
 *BT1 geophysical surveys
 RT earthquakes
 RT ground uplift

GEOGRAPHIC INFORMATION SYSTEMS

2003-05-30
 UF gis
 BT1 information systems
 RT baseline ecology
 RT data base management
 RT geography
 RT geologic surveys
 RT site characterization

GEOGRAPHICAL VARIATIONS

INIS: 1999-07-16; ETDE: 1977-10-19
 BT1 variations
 NT1 latitude effect
 RT east-west asymmetry
 RT north-south asymmetry

GEOGRAPHY

RT earth planet
 RT geographic information systems
 RT oceanography
 RT site characterization

geoisotherms

INIS: 1983-02-03; ETDE: 1976-08-25
 USE isotherms

GEOLOGIC AGES

INIS: 1992-04-14; ETDE: 1977-10-19
 NT1 cenozoic era
 NT2 quaternary period
 NT3 pleistocene epoch
 NT2 tertiary period
 NT3 eocene epoch
 NT3 miocene epoch
 NT3 pliocene epoch
 NT1 mesozoic era
 NT2 cretaceous period
 NT2 jurassic period
 NT2 triassic period
 NT1 paleozoic era
 NT2 cambrian period
 NT2 carboniferous period
 NT2 devonian period
 NT2 ordovician period
 NT2 permian period
 NT2 silurian period
 NT1 precambrian era
 RT age estimation
 RT geologic history
 RT paleomagnetism

GEOLOGIC DEPOSITS

(From August 1981 till March 1997
 PARAGENESIS was a valid ETDE
 descriptor.)
 UF deposits (geological)
 SF paragenesis
 NT1 alluvial deposits
 NT1 coal deposits
 NT2 coal seams
 NT1 concretions
 NT1 moraines
 NT1 natural gas deposits

NT2 natural gas fields
 NT3 gas condensate fields
 NT1 natural gas hydrate deposits
 NT1 oil sand deposits
 NT2 asphalt ridge deposit
 NT2 athabasca deposit
 NT2 circle cliffs deposit
 NT2 cold lake deposit
 NT2 edna deposit
 NT2 lloydminster deposit
 NT2 peace river deposit
 NT2 pr springs deposit
 NT2 santa rosa deposit
 NT2 sunnyside deposit
 NT2 tar sand triangle deposit
 NT2 uvalde deposit
 NT2 wabasca deposit
 NT1 oil shale deposits
 NT2 us naval oil shale reserves
 NT1 petroleum deposits
 NT2 gas condensate fields
 NT2 oil fields
 NT3 weyburn field
 NT2 us naval petroleum reserves
 NT1 placers
 NT1 salt deposits
 NT1 thorium deposits
 NT1 uranium deposits
 NT2 blizzard deposit
 NT2 erzgebirge deposit
 NT2 jabiluka deposit
 NT2 koongarra deposit
 NT2 nabarlek deposit
 NT2 ranger deposit
 NT2 ranstad deposit
 NT2 roxby downs deposit
 NT2 south alligator deposit
 NT2 yeellirrie deposit
 RT availability
 RT inclined strata
 RT ores
 RT sediments
 RT underground storage
 RT working faces

geologic engineering

INIS: 2000-04-12; ETDE: 1977-03-08
 USE engineering geology

GEOLOGIC FAULTS

Fractures in rock along which the adjacent rock surfaces are differentially displaced.

UF faults (geologic)
 *BT1 geologic fractures
 RT earthquakes
 RT geologic fissures
 RT geology
 RT geomorphology
 RT rift zones
 RT seismology

GEOLOGIC FISSURES

1985-12-10
 UF geologic joints
 BT1 geologic structures
 RT caves
 RT cracks
 RT fractured reservoirs
 RT fractures
 RT geologic faults
 RT geologic fractures
 RT geology

GEOLOGIC FORMATIONS

INIS: 1996-01-25; ETDE: 1978-07-05
 UF boom clay formation
 NT1 chattanooga formation
 NT1 green river formation
 NT2 mahogany zone
 NT2 uinta formation

NT1 wasatch formation
 RT boom clay
 RT formation damage
 RT geologic structures
 RT natural analogue
 RT reservoir pressure

GEOLOGIC FRACTURES

INIS: 1985-12-10; ETDE: 1984-08-06
Breaks in rock, whether or not there is displacement, due to mechanical failure by stress.
 BT1 geologic structures
 NT1 geologic faults
 RT cracks
 RT fractures
 RT geologic fissures

GEOLOGIC HISTORY

INIS: 1985-12-10; ETDE: 1978-08-07
 RT eocene epoch
 RT geologic ages
 RT geologic models
 RT geologic structures
 RT geology
 RT miocene epoch
 RT pleistocene epoch
 RT pliocene epoch

geologic joints

INIS: 2000-01-20; ETDE: 1984-08-06
 USE geologic fissures

GEOLOGIC MODELS

INIS: 1985-12-10; ETDE: 1978-02-14
 RT geologic history
 RT geologic structures

geologic natural analogue

INIS: 1993-09-17; ETDE: 1993-11-08
 USE natural analogue

geologic provinces

INIS: 2000-04-12; ETDE: 1981-08-04
 SEE snake river plain

GEOLOGIC STRATA

1975-12-09
 BT1 geologic structures
 NT1 basement rock
 NT1 cap rock
 NT1 inclined strata
 RT chattanooga formation
 RT coal seams
 RT rocks
 RT strata movement
 RT stratification
 RT stratigraphy

GEOLOGIC STRUCTURES

1975-11-07
 (From December 1980 till February 1997
 DIKES was a valid ETDE descriptor; from
 December 1984 till March 1997
 LINEAMENTS was a valid ETDE descriptor.)
 UF dikes
 UF lineaments
 NT1 anticlines
 NT1 fractured reservoirs
 NT1 geologic fissures
 NT1 geologic fractures
 NT2 geologic faults
 NT1 geologic strata
 NT2 basement rock
 NT2 cap rock
 NT2 inclined strata
 NT1 reefs
 NT2 coral reefs
 NT1 rift zones
 NT1 sedimentary basins
 NT2 appalachian basin

NT3 chattanooga formation
 NT2 williston basin
 NT1 unconsolidated rock
 RT geologic formations
 RT geologic history
 RT geologic models
 RT geology
 RT mid-atlantic ridge
 RT natural analogue
 RT seismic surveys
 RT seismology
 RT stratigraphy
 RT water influx

GEOLOGIC SURVEYS

INIS: 1975-11-07; ETDE: 1977-01-31

UF geological surveys
 SF surveys
 NT1 geochemical surveys
 NT1 geophysical surveys
 NT2 electrical surveys
 NT3 electromagnetic surveys
 NT4 magnetotelluric surveys
 NT3 resistivity surveys
 NT3 self-potential surveys
 NT3 telluric surveys
 NT2 geodetic surveys
 NT2 gravity surveys
 NT2 infrared surveys
 NT2 magnetic surveys
 NT2 radiometric surveys
 NT2 seismic surveys
 NT2 temperature surveys
 RT exploration
 RT geographic information systems
 RT geos satellites
 RT geothermal exploration
 RT goes satellites
 RT kriging
 RT prospecting
 RT site characterization

geologic thermometry

INIS: 2000-04-12; ETDE: 1976-03-31

USE geothermometry

GEOLOGIC TRAPS

INIS: 2000-01-21; ETDE: 1978-01-23

Configurations of rocks able to confine fluids that float on other fluids.

RT natural gas deposits
 RT petroleum deposits

geological surveys

2000-01-21

USE geologic surveys

GEOLOGY

1996-07-18

NT1 engineering geology
 NT1 geomorphology
 NT1 petrography
 NT1 petroleum geology
 NT1 petrology
 NT2 lithology
 NT2 petrogenesis
 NT1 stratigraphy
 RT earth crust
 RT earth planet
 RT geochemical surveys
 RT geochemistry
 RT geologic faults
 RT geologic fissures
 RT geologic history
 RT geologic structures
 RT geophysical surveys
 RT geophysics
 RT geothermal energy
 RT metamorphism
 RT regional analysis

RT rock mechanics
 RT site characterization
 RT volcanoes

GEOMAGNETIC CONJUGACY

UF conjugate points
 RT geomagnetic field

GEOMAGNETIC COORDINATES

BT1 coordinates
 RT geomagnetic field

geomagnetic cut-off rigidity

USE threshold rigidity

GEOMAGNETIC EQUATOR

RT equator
 RT geomagnetic field

GEOMAGNETIC FIELD

BT1 magnetic fields
 RT earth magnetosphere
 RT geomagnetic conjugacy
 RT geomagnetic coordinates
 RT geomagnetic equator
 RT geophysics
 RT inclination
 RT international magnetospheric study
 RT magnetosheath
 RT magnetotail
 RT paleomagnetism
 RT threshold rigidity

geomagnetic storms

USE magnetic storms

GEOMETRIC BUCKLING

A form of neutron density distribution in reactors. For buckling of materials, see DEFORMATION or FAILURES.

BT1 buckling

geometric sensitivity

INIS: 2000-04-12; ETDE: 1979-08-07

USE space dependence

GEOMETRICAL ABERRATIONS

UF cylindrical aberrations
 UF spherical aberrations
 RT beam optics
 RT optical properties

GEOMETRY

BT1 mathematics
 NT1 differential geometry
 NT1 lobachevsky geometry
 RT configuration
 RT cusped geometries
 RT invariant imbedding
 RT mapping
 RT prisms
 RT spheres
 RT spheroids

GEOMORPHOLOGY

1997-06-19

A science that deals with the land and submarine relief features of the earth's surface and seeks a genetic interpretation of them through using the principles of physiography in its descriptive aspects and of dynamic and structural geology in its explanatory phases.

UF landforms
 BT1 geology
 RT earth crust
 RT geologic faults
 RT geophysics
 RT regional analysis
 RT sea bed
 RT site characterization
 RT stratigraphy

GEONEUTRINOS

2016-12-12

Neutrinos emitted in the decays of natural radioactive beta-isotopes in earth

UF geo neutrinos
 UF neutrino geophysics
 *BT1 neutrinos
 RT geophysics

geophones

INIS: 2000-01-21; ETDE: 1976-09-15

USE seismic detectors

GEOPHYSICAL SURVEYS

1996-04-18

Surveys using one or more geophysical techniques in geophysical exploration, such as electrical, infrared, heat flow, magnetic, radioactivity, and seismic techniques.

SF surveys
 BT1 geologic surveys
 NT1 electrical surveys
 NT2 electromagnetic surveys
 NT3 magnetotelluric surveys
 NT2 resistivity surveys
 NT2 self-potential surveys
 NT2 telluric surveys
 NT1 geodetic surveys
 NT1 gravity surveys
 NT1 infrared surveys
 NT1 magnetic surveys
 NT1 radiometric surveys
 NT1 seismic surveys
 NT1 temperature surveys
 RT aerial monitoring
 RT coal deposits
 RT exploration
 RT geology
 RT geophysics
 RT geothermal exploration
 RT ground truth measurements
 RT marine surveys
 RT natural gas deposits
 RT oil shale deposits
 RT petroleum deposits
 RT prospecting
 RT remote sensing
 RT uranium deposits
 RT well logging

GEOPHYSICS

2000-01-24

UF neutrino geophysics
 BT1 physics
 RT bathymetry
 RT earth planet
 RT geology
 RT geomagnetic field
 RT geomorphology
 RT geoneutrinos
 RT geophysical surveys
 RT international geophysical year

GEOPRESSURE ANOMALIES

INIS: 2000-04-12; ETDE: 1979-01-30

RT geopressured systems

GEOPRESSURED SYSTEMS

1992-07-10

Underground reservoirs in which the pressure exceeds normal hydrostatic pressure.

BT1 energy systems
 RT geopressure anomalies
 RT geothermal systems
 RT natural gas deposits
 RT reservoir pressure

GEORGES BANK

INIS: 1992-06-09; ETDE: 1978-12-11

Submerged sandbank east of Massachusetts.
 RT atlantic ocean

RT mid-atlantic bight

georgia (republic of)

INIS: 1993-02-01; ETDE: 1993-04-08

USE republic of georgia

GEORGIA (U.S. STATE OF)

1997-06-17

*BT1 usa

NT1 atlanta

RT altamaha river

RT chattahoochee river

RT chattanooga formation

RT savannah river

RT us east coast

georgia tech. research reactor

USE gtrr reactor

GEOS SATELLITES

BT1 satellites

RT geologic surveys

RT remote sensing

geostationary operational environmental satellite

INIS: 2000-01-24; ETDE: 1980-04-14

USE goes satellites

geostatistics

INIS: 2000-03-27; ETDE: 1993-07-07

SEE kriging

GEO THERMAL AIR CONDITIONING

INIS: 2000-04-12; ETDE: 1979-01-30

BT1 air conditioning

RT geothermal refrigeration

geothermal areas

1990-12-15

USE geothermal fields

GEO THERMAL DISTRICT HEATING

INIS: 1993-01-26; ETDE: 1977-08-24

*BT1 district heating

*BT1 geothermal heating

RT geothermal space heating

GEO THERMAL ENERGY

BT1 energy

*BT1 renewable energy sources

RT earth crust

RT geology

RT geothermal fields

RT geothermal heating

RT geothermal industry

RT geothermal power plants

RT thermal springs

RT volcanoes

GEO THERMAL ENERGY CONVERSION

1992-08-19

*BT1 energy conversion

RT binary-fluid systems

RT flashed steam systems

RT total flow systems

GEO THERMAL EXPLORATION

1996-04-18

Exploration for sources of geothermal energy.

BT1 exploration

RT electrical surveys

RT electromagnetic surveys

RT exploratory wells

RT geochemical surveys

RT geologic surveys

RT geophysical surveys

RT gravity surveys

RT infrared surveys

RT magnetic surveys

RT seismic surveys

RT telluric surveys

RT temperature surveys

RT well logging equipment

GEO THERMAL FIELDS

1997-06-19

UF geothermal areas

UF geothermal regions

NT1 ahuchapan geothermal field

NT1 baca geothermal field

NT1 beppu geothermal field

NT1 brawley geothermal field

NT1 broadlands geothermal field

NT1 cerro prieto geothermal field

NT1 dieng geothermal field

NT1 east mesa geothermal field

NT1 el tatio geothermal field

NT1 geysers geothermal field

NT1 hatchobaru geothermal field

NT1 heber geothermal field

NT1 kakkonda geothermal field

NT1 kamojang geothermal field

NT1 kawerau geothermal field

NT1 kizildere geothermal field

NT1 krafla geothermal field

NT1 larderello geothermal field

NT1 matsukawa geothermal field

NT1 momotombo geothermal field

NT1 monte amiata geothermal field

NT1 namafjall geothermal field

NT1 onikobe geothermal field

NT1 onuma geothermal field

NT1 otake geothermal field

NT1 palimpinon geothermal field

NT1 paratunka geothermal field

NT1 pathe geothermal field

NT1 pazzhetsk geothermal field

NT1 salton sea geothermal field

NT1 soultz-sous-forets geothermal field

NT1 takenoyu geothermal field

NT1 takinoue geothermal field

NT1 tiwi geothermal field

NT1 tongonan geothermal field

NT1 travale geothermal field

NT1 urach geothermal field

NT1 waiotapu geothermal field

NT1 wairakei geothermal field

RT geothermal energy

RT geothermal systems

RT imperial valley

RT kgra

RT klamath falls

RT roosevelt hot springs

RT salton sea

RT thermal springs

RT well spacing

RT wendell-amedee hot springs

GEO THERMAL FLUIDS

1992-05-12

Naturally occurring steam or hot water found in the earth's volcanic or young orogenic zones.

SF thermal waters

BT1 fluids

NT1 fumarolic fluids

NT1 natural steam

RT brines

RT fluid withdrawal

RT hydrothermal systems

GEO THERMAL GRADIENTS

1993-06-07

The rate of increase of temperature in the earth with depth.

BT1 temperature gradients

GEO THERMAL HEATING

INIS: 2000-04-12; ETDE: 1975-11-11

BT1 heating

NT1 geothermal district heating

NT1 geothermal space heating

NT1 geothermal water heating

RT geothermal energy

RT geothermal heating systems

RT geothermal process heat

GEO THERMAL HEATING SYSTEMS

INIS: 2000-04-12; ETDE: 1976-04-19

*BT1 heating systems

RT district heating

RT geothermal heating

GEO THERMAL HOT-WATER SYSTEMS

INIS: 1997-06-19; ETDE: 1992-08-12

Hydrothermal convective systems

characterized by liquid water as the continuous, pressure-controlling fluid phase.

UF hot-water systems

SF liquid-dominated hydrothermal convective systems

*BT1 hydrothermal systems

RT baca geothermal field

RT broadlands geothermal field

RT cerro prieto geothermal field

RT kawerau geothermal field

RT otake geothermal field

RT pathe geothermal field

RT pazzhetsk geothermal field

RT wairakei geothermal field

GEO THERMAL INDUSTRY

INIS: 1992-05-12; ETDE: 1977-12-22

BT1 industry

RT geothermal energy

GEO THERMAL POWER PLANTS

*BT1 thermal power plants

RT binary-fluid systems

RT flashed steam systems

RT geothermal energy

RT total flow systems

GEO THERMAL PROCESS HEAT

INIS: 2000-04-12; ETDE: 1978-02-15

*BT1 process heat

RT geothermal heating

GEO THERMAL REFRIGERATION

INIS: 2000-04-12; ETDE: 1975-11-26

*BT1 refrigeration

RT geothermal air conditioning

geothermal regions

1990-12-15

USE geothermal fields

GEO THERMAL RESOURCES

1992-03-30

(Until March 1992, this was indexed by GEO THERMAL ENERGY and RESOURCES.)

BT1 resources

RT geothermal systems

GEO THERMAL SPACE HEATING

INIS: 2000-04-12; ETDE: 1975-10-28

*BT1 geothermal heating

*BT1 space heating

RT geothermal district heating

geothermal springs

INIS: 2000-03-27; ETDE: 1980-08-12

SEE geysers

SEE hot springs

SEE thermal springs

SEE warm springs

geothermal steam

2000-04-12

USE natural steam

GEO THERMAL SYSTEMS

1992-03-30

Localized regions in which geothermal heat is carried close enough to the earth's surface by steam or hot water to be harnessed for use.

NT1 hot-dry-rock systems

NT1 hydrothermal systems

NT2 geothermal hot-water systems

NT2 vapor-dominated systems

NT1 magma systems

RT geopressured systems

RT geothermal fields

RT geothermal resources

GEO THERMAL WATER HEATING

INIS: 2000-04-12; ETDE: 1980-03-04

Use for domestic water heating; for industrial application use GEOTHERMAL PROCESS HEAT.

*BT1 geothermal heating

*BT1 water heating

GEO THERMAL WELLS

1992-09-03

BT1 wells

RT directional drilling

RT exploratory wells

RT injection wells

RT well drilling

RT well pressure

RT wellheads

GEO THERMOMETERS

2000-05-24

Minerals or mineral assemblages whose composition, structure, or inclusions are fixed within known thermal limits under particular conditions of pressure and composition and whose presence thus denotes a limit or a range for the temperature of formation of the enclosing rock.

*BT1 thermometers

RT geothermometry

RT temperature measurement

GEO THERMOMETRY

2000-01-20

Measurement or estimation, by direct or indirect methods, of the maximum, minimum, or actual temperatures at which geological processes occur or have occurred in the past.

UF geologic thermometry

RT geochemistry

RT geothermometers

RT temperature measurement

geraniol

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE alcohols

USE terpenes

GERBILS

*BT1 rodents

gerjuoy-stein theory

1996-06-28

(Until June 1996 this was a valid descriptor.)

SEE excitation functions

GERM CELLS

NT1 gametes

NT2 ova

NT2 pollen

NT2 spermatozoa

NT1 oocytes

NT1 oogonia

NT1 spermatocytes

NT1 spermatogonia

RT gametogenesis

RT gonads

GERM-FREE ANIMALS

UF gnotobionts

BT1 animals

RT antibody formation

RT bacteria

german (mainz) triga-mk-2 reactor

1993-11-08

USE triga-2-mainz reactor

german democratic republic

1991-05-02

(Prior to May 1991, this was a valid descriptor.)

USE federal republic of germany

german dr organizations

INIS: 1991-05-02; ETDE: 1977-04-13

(Prior to May 1991, this was a valid descriptor.)

USE german fr organizations

german federal republic

1984-07-20

USE federal republic of germany

GERMAN FR ORGANIZATIONS

UF german dr organizations

BT1 national organizations

NT1 bundesamt fuer strahlenschutz

NT1 forschungszentrum juelich

NT1 forschungszentrum karlsruhe

NT1 gesellschaft fuer anlagen- und reaktorsicherheit

NT1 ipp garching

NT1 reaktorsicherheitskommission

NT1 strahlenschutzkommission

NT1 wak

NT1 zfi leipzig

NT1 zfk rossendorf

RT federal republic of germany

german measles

INIS: 1980-04-02; ETDE: 1980-05-06

USE measles

german silver

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE copper base alloys

USE nickel alloys

USE zinc alloys

GERMANATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor with the exception of the one NT below.

BT1 germanium compounds

BT1 oxygen compounds

NT1 bismuth germanates

NT1 lead germanates

RT germanium oxides

GERMANENE

2015-06-22

*BT1 germanium

RT two-dimensional systems

germanes

(Prior to December 1984 this was a valid ETDE descriptor.)

USE germanium hydrides

GERMANIDES

INIS: 1989-07-19; ETDE: 1989-08-01

BT1 germanium compounds

GERMANIUM

*BT1 metals

NT1 germanene

GERMANIUM 58

2007-01-30

*BT1 even-even nuclei

*BT1 germanium isotopes

*BT1 intermediate mass nuclei

GERMANIUM 59

2007-01-30

*BT1 even-odd nuclei

*BT1 germanium isotopes

*BT1 intermediate mass nuclei

GERMANIUM 60

2007-01-30

*BT1 even-even nuclei

*BT1 germanium isotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

GERMANIUM 61

INIS: 1978-01-13; ETDE: 1977-08-24

*BT1 beta-plus decay radioisotopes

*BT1 even-odd nuclei

*BT1 germanium isotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

GERMANIUM 62

INIS: 2003-01-03; ETDE: 2002-12-26

*BT1 even-even nuclei

*BT1 germanium isotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 proton decay radioisotopes

GERMANIUM 63

2007-01-30

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 germanium isotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

GERMANIUM 64

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 germanium isotopes

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

GERMANIUM 65

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 germanium isotopes

*BT1 intermediate mass nuclei

*BT1 seconds living radioisotopes

GERMANIUM 66

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 germanium isotopes

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

GERMANIUM 67

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 germanium isotopes

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

GERMANIUM 68

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
RT radioisotope generators

GERMANIUM 69

*BT1 beta-plus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei

GERMANIUM 70

*BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes

GERMANIUM 70 REACTIONS

INIS: 1992-04-16; ETDE: 1992-08-12
 *BT1 heavy ion reactions

GERMANIUM 70 TARGET

ETDE: 1976-07-09
 BT1 targets

GERMANIUM 71

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 milliseconds living radioisotopes

GERMANIUM 71 TARGET

ETDE: 1976-07-09
 BT1 targets

GERMANIUM 72

*BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes

GERMANIUM 72 TARGET

ETDE: 1976-07-09
 BT1 targets

GERMANIUM 73

*BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 stable isotopes

GERMANIUM 73 TARGET

ETDE: 1976-07-09
 BT1 targets

GERMANIUM 74

*BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
RT germanium 74 beams
RT germanium 74 reactions

GERMANIUM 74 BEAMS

*BT1 ion beams
RT germanium 74

GERMANIUM 74 REACTIONS

1978-11-24
 *BT1 heavy ion reactions
RT germanium 74

GERMANIUM 74 TARGET

ETDE: 1976-07-09
 BT1 targets

GERMANIUM 75

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 seconds living radioisotopes

GERMANIUM 75 TARGET

ETDE: 1976-07-09
 BT1 targets

GERMANIUM 76

*BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
RT germanium 76 beams

GERMANIUM 76 BEAMS

*BT1 ion beams
RT germanium 76

GERMANIUM 76 REACTIONS

INIS: 1976-03-02; ETDE: 1976-04-19
 *BT1 heavy ion reactions

GERMANIUM 76 TARGET

ETDE: 1976-07-09
 BT1 targets

GERMANIUM 77

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 seconds living radioisotopes

GERMANIUM 78

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei

GERMANIUM 79

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

GERMANIUM 80

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

GERMANIUM 81

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

GERMANIUM 82

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

GERMANIUM 83

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

GERMANIUM 84

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes

GERMANIUM 85

1991-05-02
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

GERMANIUM 86

2007-01-30
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 nanoseconds living radioisotopes

GERMANIUM 86 TARGET

INIS: 1980-07-24; ETDE: 1980-08-12
 BT1 targets

GERMANIUM 87

2007-01-30
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes

GERMANIUM 88

2007-01-30
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 nanoseconds living radioisotopes

GERMANIUM 89

2007-01-30
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 germanium isotopes
 *BT1 intermediate mass nuclei
 *BT1 nanoseconds living radioisotopes

GERMANIUM ADDITIONS

Alloys containing not more than 1% Ge are listed here.

*BT1 germanium alloys

GERMANIUM ALLOYS

Alloys containing more than 1% Ge.
 BT1 alloys

NT1 germanium additions
NT1 germanium base alloys

GERMANIUM ARSENIDES

INIS: 1978-02-23; ETDE: 1975-11-11
 *BT1 arsenides
 BT1 germanium compounds

GERMANIUM BASE ALLOYS

*BT1 germanium alloys

GERMANIUM BORIDES

INIS: 1991-09-16; ETDE: 1978-10-23
 *BT1 borides
 BT1 germanium compounds

GERMANIUM BROMIDES

*BT1 bromides
 *BT1 germanium halides

GERMANIUM CARBIDES

INIS: 2000-04-12; ETDE: 1977-07-23

*BT1 carbides

BT1 germanium compounds

GERMANIUM CHLORIDES

*BT1 chlorides

*BT1 germanium halides

GERMANIUM COMPLEXES

BT1 complexes

GERMANIUM COMPOUNDS

1997-06-17

NT1 germanates

NT2 bismuth germanates

NT2 lead germanates

NT1 germanides

NT1 germanium arsenides

NT1 germanium borides

NT1 germanium carbides

NT1 germanium halides

NT2 germanium bromides

NT2 germanium chlorides

NT2 germanium fluorides

NT2 germanium iodides

NT1 germanium hydrides

NT1 germanium hydroxides

NT1 germanium nitrides

NT1 germanium oxides

NT1 germanium phosphates

NT1 germanium phosphides

NT1 germanium selenides

NT1 germanium silicates

NT1 germanium silicides

NT1 germanium sulfides

NT1 germanium tellurides

germanium detectors

INIS: 2000-01-25; ETDE: 1978-12-28

USE ge semiconductor detectors

GERMANIUM DIODES

*BT1 semiconductor diodes

GERMANIUM FLUORIDES

*BT1 fluorides

*BT1 germanium halides

GERMANIUM HALIDES

2012-07-19

BT1 germanium compounds

*BT1 halides

NT1 germanium bromides

NT1 germanium chlorides

NT1 germanium fluorides

NT1 germanium iodides

GERMANIUM HYDRIDES

UF germanes

BT1 germanium compounds

*BT1 hydrides

GERMANIUM HYDROXIDES

INIS: 1996-07-18; ETDE: 1978-04-06

(From July 1996 to November 2007

GERMANIUM COMPOUNDS +
HYDROXIDES was used for this concept.)

BT1 germanium compounds

*BT1 hydroxides

GERMANIUM IODIDES

*BT1 germanium halides

*BT1 iodides

GERMANIUM IONS

*BT1 ions

GERMANIUM ISOTOPES

1999-07-16

BT1 isotopes

NT1 germanium 58

NT1 germanium 59

NT1 germanium 60

NT1 germanium 61

NT1 germanium 62

NT1 germanium 63

NT1 germanium 64

NT1 germanium 65

NT1 germanium 66

NT1 germanium 67

NT1 germanium 68

NT1 germanium 69

NT1 germanium 70

NT1 germanium 71

NT1 germanium 72

NT1 germanium 73

NT1 germanium 74

NT1 germanium 75

NT1 germanium 76

NT1 germanium 77

NT1 germanium 78

NT1 germanium 79

NT1 germanium 80

NT1 germanium 81

NT1 germanium 82

NT1 germanium 83

NT1 germanium 84

NT1 germanium 85

NT1 germanium 86

NT1 germanium 87

NT1 germanium 88

NT1 germanium 89

GERMANIUM NITRIDES

INIS: 1979-04-27; ETDE: 1979-05-25

BT1 germanium compounds

*BT1 nitrides

GERMANIUM OXIDES

BT1 germanium compounds

*BT1 oxides

RT germanates

GERMANIUM PHOSPHATES

INIS: 2000-04-12; ETDE: 1978-10-23

BT1 germanium compounds

*BT1 phosphates

GERMANIUM PHOSPHIDES

INIS: 1978-07-03; ETDE: 1975-11-28

BT1 germanium compounds

*BT1 phosphides

GERMANIUM SELENIDES

1977-10-17

BT1 germanium compounds

*BT1 selenides

GERMANIUM SILICATES

BT1 germanium compounds

*BT1 silicates

GERMANIUM SILICIDES

INIS: 1990-09-24; ETDE: 1976-03-11

BT1 germanium compounds

*BT1 silicides

GERMANIUM SULFIDES

BT1 germanium compounds

*BT1 sulfides

GERMANIUM TELLURIDES

1977-10-17

BT1 germanium compounds

*BT1 tellurides

germany

INIS: 2000-04-12; ETDE: 1976-09-28

For use in indexing pre-World War II
research.

(Prior to June 1992 this was a valid ETDE
descriptor.)

USE federal republic of germany

germany (democratic republic)

USE federal republic of germany

germany (federal republic)

2000-04-12

USE federal republic of germany

GERMICIDES

INIS: 1997-06-17; ETDE: 1980-03-04

Agents that destroy microorganisms.

UF bactericides

NT1 antiseptics

NT1 disinfectants

RT antibiotics

RT bacteria

RT infectivity

RT sterilization

GERMINATION

RT coleoptile

RT seedlings

RT seeds

germs (microorganisms)

USE microorganisms

gerontine

USE spermine

ges fuer reaktorsicherheit

INIS: 1994-07-14; ETDE: 1977-10-19

(Until July 1994 this was a valid descriptor.)

USE gesellschaft fuer anlagen- und
reaktorsicherheit

**GESELLSCHAFT FUER ANLAGEN-
UND REAKTORSICHERHEIT**

1994-07-14

A section of the Technical Inspection

Associations of the German Federal Republic.

(Until July 1994 this concept was indexed by
GES FUER REAKTORSICHERHEIT.)

UF ges fuer reaktorsicherheit

UF grs

UF institute for reactor safety

*BT1 german fr organizations

RT inspection

RT reactor licensing

RT reactor safety

RT safety standards

GETR REACTOR

General Electric Company, Vallecitos Nuclear
Center, Pleasanton, California, USA, Shut
down in 1977.

UF general electric test reactor

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 tank type reactors

*BT1 test reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

GETTERING

RT adsorption

RT electron tubes

RT getters

GETTERS

Materials used for the purification of vacuum
atmospheres; see also the specific materials.

RT electron tubes

RT gettering

RT sputter-ion pumps

RT vacuum pumps

GEV RANGE

From 10 exp 9 to 10 exp 12 eV.

BT1 energy range

NT1 gev range 01-10

NT1 gev range 10-100

NT1 gev range 100-1000
RT shower counters

GEV RANGE 01-10

*BT1 gev range

GEV RANGE 10-100

*BT1 gev range

GEV RANGE 100-1000

*BT1 gev range

GEYSERS

2000-03-31

Hot springs that intermittently erupt jets of hot water and steam.

UF old faithful geyser

SF geothermal springs

SF thermal waters

*BT1 hot springs

RT ground water

RT hydrothermal systems

GEYSERS GEOTHERMAL FIELD

1992-06-04

UF the geysers

BT1 geothermal fields

RT california

RT vapor-dominated systems

GHANA

BT1 africa

BT1 developing countries

ghana miniature neutron source reactor

2004-03-15

USE gharr-1 reactor

GHANAIAAN ORGANIZATIONS

2004-03-31

BT1 national organizations

GHARR-1 REACTOR

1999-08-17

Ghana National Nuclear Research Institute, Legon Accra, Ghana.

UF ghana miniature neutron source reactor

*BT1 mnsr type reactors

GHZ RANGE

BT1 frequency range

NT1 ghz range 01-100

NT1 ghz range 100-1000

RT radioastronomy

GHZ RANGE 01-100

UF decimeter wave radiation (1-3 dm)

UF shf radiation

UF super high frequency radiation

UF uhf (lower range)

UF uhf radiation (01-100 ghz)

UF uhf radiation (upper range)

UF ultrahigh frequency (lower range)

UF ultrahigh frequency radiation (01-100 ghz)

UF ultrahigh frequency radiation (upper range)

*BT1 ghz range

GHZ RANGE 100-1000

UF uhf (upper range)

UF ultrahigh frequency (upper range)

*BT1 ghz range

GIACINT REACTOR

2018-03-07

Located at the Joint Institute for Power and Nuclear Research 'Sosny', Minsk, Belarus.

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 zero power reactors

GIAMMARCO VETROCOKE SULFUR PROCESS

2000-04-12

Process for the continuous removal of hydrogen sulfide from natural gas or synthesis gases by scrubbing sour gas with an alkali arsenate or arsenite solution.

*BT1 desulfurization

giant cells

USE tumor cells

GIANT RESONANCE

BT1 resonance

RT cross sections

RT giant resonance model

RT nuclear reactions

RT photonuclear reactions

GIANT RESONANCE MODEL

UF goldhaber-teller model

RT cross sections

RT giant resonance

RT photonuclear reactions

RT resonance

GIANT STARS

BT1 stars

NT1 red giant stars

NT1 supergiant stars

GIBBERELIC ACID

UF gibberellin a3

*BT1 hydroxy acids

*BT1 lactones

RT auxins

gibberellin a3

USE gibberellic acid

gibbs formation free energy

INIS: 1976-03-25; ETDE: 1976-05-17

USE formation free enthalpy

gibbs free energy

USE free enthalpy

GIBBSITE

INIS: 1999-03-02; ETDE: 1976-01-23

A white or tinted monoclinic mineral: Al(OH).

*BT1 oxide minerals

RT aluminium hydroxides

GIBBSSAR STANDARD PLANT

INIS: 1977-11-03; ETDE: 1977-06-24

Gibbs and Hill reference PWR nuclear power plant.

*BT1 nuclear power plants

RT westinghouse standard reactor

gibraltar

INIS: 2000-04-12; ETDE: 1981-10-24

(Prior to January 1995, this was a valid ETDE descriptor.)

SEE united kingdom

gidep

INIS: 2000-04-12; ETDE: 1984-11-09

(Prior to January 1995, this was a valid ETDE descriptor.)

SEE data acquisition

GIDRA REACTOR

2004-09-09

Russian Research Center, Kurchatov Institute, Moscow, Russian Federation.

UF hydra reactor

*BT1 aqueous homogeneous reactors

*BT1 enriched uranium reactors

*BT1 pulsed reactors

*BT1 research reactors

*BT1 thermal reactors

GIGA BQ RANGE

2012-05-31

BT1 radioactivity range

GIGA GY RANGE

2014-06-27

*BT1 absorbed dose range

GIGAWATT POWER RANGE

INIS: 1988-04-15; ETDE: 1989-08-10

BT1 power range

NT1 power range 01-10 gw

NT1 power range 10-100 gw

NT1 power range 100-1000 gw

gigily oil

USE sesame oil

GILLS

BT1 respiratory system

RT fishes

gingelly oil

USE sesame oil

ginger

INIS: 1996-04-26; ETDE: 1996-05-03

USE spices

gingily oil

USE sesame oil

GINNA-1 REACTOR

Rochester Gas and Electric Corp., Ontario, New York, USA.

UF robert e. ginna-1 reactor

*BT1 pwr type reactors

GINNA-2 REACTOR

Ontario, New York, USA. Unit never ordered.

UF robert e. ginna-2 reactor

*BT1 power reactors

GINZBURG-LANDAU THEORY

UF maki parameter

RT coherence length

RT penetration depth

RT superconductivity

GINZBURG-PITAEVSKII THEORY

UF landau-ginzburg-pitaevskii theory

RT superfluidity

GIRBOTOL PROCESS

2000-04-12

*BT1 desulfurization

girdler-girbotol process

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

USE desulfurization

GIROMILL TURBINES

INIS: 2000-04-12; ETDE: 1977-06-02

Vertical axis turbines with vertical blades which change orientation with increased speed.

*BT1 vertical axis turbines

gis

2003-05-30

USE geographic information systems

gkn-1 reactor (neckar)

1979-11-02

USE neckar-1 reactor

gkn-2 reactor (neckar)

INIS: 2000-04-12; ETDE: 1979-11-23

USE neckar-2 reactor

gkn reactor (dodewaard)

USE dodewaard reactor

gkn reactor (neckar)

2000-04-12

SEE neckar-1 reactor

SEE neckar-2 reactor

GKT PROCESS

INIS: 2000-04-12; ETDE: 1982-03-10

Process developed by Gesellschaft fuer Kohle-Technologie in which coal dust/oxygen/steam mixture reacts rapidly to form synthesis gas.

*BT1 coal gasification

GLACIERS

RT antarctic regions

RT arctic regions

RT cryosphere

RT hydrosphere

RT ice

RT ice caps

RT pleistocene epoch

RT snow

RT water

GLANDS

UF sebaceous glands

UF sweat glands

*BT1 organs

NT1 endocrine glands

NT2 adrenal glands

NT2 pancreas

NT2 parathyroid glands

NT2 pituitary gland

NT2 thyroid

NT1 liver

NT1 mammary glands

NT1 pineal gland

NT1 prostate

NT1 salivary glands

RT adenomas

RT excretion

RT secretion

glasgow utr-100 reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE srcr-utr-100 reactor

GLASS

A hard, amorphous, brittle substance made by fusing silicates, sometimes borates and phosphates, with basic oxides and then rapidly cooling.

NT1 borophosphate glass

NT1 borosilicate glass

NT2 pyrex

NT1 phosphate glass

RT ceramics

RT colorimetric dosimeters

RT dielectric track detectors

RT double glazing

RT fiberglass

RT glass industry

RT glazing materials

RT metallic glasses

RT perlite

RT phase diagrams

RT phase transformations

RT silicon oxides

RT solids

RT triple glazing

RT vitrification

RT vycor

glass development laser facility

INIS: 1993-11-08; ETDE: 1986-02-04

At University of Rochester.

USE gdl facility

glass dosimeters

USE rpl dosimeters

GLASS INDUSTRY

INIS: 1994-09-13; ETDE: 1977-06-02

BT1 industry

RT beverage industry

RT glass

glass melters

INIS: 2000-04-12; ETDE: 1980-12-08

USE ceramic melters

GLASS SCINTILLATORS

BT1 phosphors

RT luminescent dosimeters

RT solid scintillation detectors

glassy alloys

INIS: 1984-01-18; ETDE: 2002-06-13

USE metallic glasses

glassy metals

INIS: 1984-01-18; ETDE: 1983-02-09

USE metallic glasses

GLAUBER THEORY

RT fsc approximation

RT multiple scattering

RT scattering

glauber's salt

INIS: 2000-04-12; ETDE: 1979-11-07

USE sodium sulfates

GLAZES

BT1 coatings

RT ceramics

glazing

INIS: 2000-04-12; ETDE: 1983-03-23

A covering of transparent or translucent materials used for admitting light.

(Prior to April 1997 this was a valid ETDE descriptor.)

USE glazing materials

GLAZING MATERIALS

INIS: 1992-08-19; ETDE: 1978-04-06

Transparent or translucent materials such as glass or glass substitutes.

UF glazing

BT1 materials

RT building materials

RT coverings

RT double glazing

RT fiberglass

RT glass

RT heat mirrors

RT polyethylenes

RT polyvinyls

RT skylights

RT triple glazing

RT windows

GLEEP REACTOR

UKAEA Atomic Energy Research Establishment, Harwell, United Kingdom.

Decommissioned since 2005.

UF graphite low-energy experimental pile

*BT1 air cooled reactors

*BT1 graphite moderated reactors

*BT1 materials testing reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 training reactors

GLEN DAVIS FACILITY

2000-04-12

*BT1 oil shale processing plants

RT new south wales

glioblastomas

ETDE: 2002-06-13

USE gliomas

GLIOMAS

INIS: 1986-12-18; ETDE: 1981-01-12

UF glioblastomas

*BT1 neoplasms

*BT1 nervous system diseases

NT1 astrocytomas

GLOBAL ANALYSIS

Studies mathematical manifolds with topology which is locally Euclidean but globally non-Euclidean.

BT1 mathematics

RT topology

GLOBAL ASPECTS

UF global risk

SF world

RT contamination

RT earth atmosphere

RT fallout

RT globalization

RT pollution

RT waste disposal

global climate change

INIS: 1992-01-08; ETDE: 1991-10-28

USE climatic change

GLOBAL FALLOUT

UF world-wide fallout

BT1 fallout

RT nuclear explosions

RT stratosphere

RT tropopause

GLOBAL POSITIONING SYSTEM

2004-08-30

UF gps

RT coordinates

RT navigational instruments

RT positioning

RT satellites

global risk

USE global aspects

USE hazards

global temperature

INIS: 1993-07-06; ETDE: 2002-06-13

USE ambient temperature

global warming

INIS: 2000-04-12; ETDE: 1991-05-17

USE greenhouse effect

GLOBALIZATION

2004-08-30

RT economy

RT global aspects

RT market

RT trade

GLOBINS

INIS: 1982-12-08; ETDE: 1990-10-09

(The form GLOBIN was used by INIS prior to January 1983 and by ETDE prior to October 1990.)

*BT1 proteins

NT1 hemoglobin

NT2 methemoglobin

NT1 myoglobin

GLOBULINS

UF c-reactive protein

*BT1 proteins

NT1 angiotensin

NT1 fibrinogen

NT1 globulins-alpha

NT2 ceruloplasmin
 NT2 haptoglobins
 NT1 globulins-beta
 NT2 transferrin
 NT1 globulins-gamma
 NT1 immunoglobulins
 NT1 lactoferrin
 NT1 myosin
 NT1 thyroglobulin

GLOBULINS-ALPHA

*BT1 globulins
 NT1 ceruloplasmin
 NT1 haptoglobins

GLOBULINS-BETA

*BT1 globulins
 NT1 transferrin

GLOBULINS-GAMMA

*BT1 globulins

GLOBUS-M SPHEROMAK

INIS: 1999-07-26; ETDE: 1999-09-03
Ioffe Institute, St. Petersburg, Russia.
 *BT1 spheromak devices

GLOMERULI

*BT1 kidneys
 RT capillaries
 RT renal clearance
 RT tubules
 RT ultrafiltration

glossaries

INIS: 1994-09-29; ETDE: 1976-11-01
 USE dictionaries

GLOSSINA

UF tsetse fly
 *BT1 flies
 RT disease vectors
 RT trypanosoma

GLOVEBOXES

*BT1 laboratory equipment
 RT containment
 RT gloves
 RT hot cells
 RT leaks
 RT radiation protection
 RT remote handling
 RT shielding

GLOVES

*BT1 protective clothing
 RT gloveboxes
 RT hands
 RT radiation protection
 RT shielding
 RT skin
 RT skin absorption

GLOW CURVE

RT luminescence

GLOW-DISCHARGE ION SOURCES

2018-02-26
 *BT1 plasma ion sources

GLOW DISCHARGES

BT1 electric discharges

GLUCAGON

*BT1 peptide hormones
 *BT1 polypeptides
 RT glucose
 RT metabolism
 RT pancreas

GLUCOCORTICOIDS

*BT1 corticosteroids
 NT1 corticosterone
 NT1 cortisone

NT1 dexamethasone
 NT1 hydrocortisone
 NT1 prednisolone
 NT1 prednisone
 RT acth
 RT immunosuppression

GLUCOHEPTONATE

INIS: 2000-04-12; ETDE: 1978-06-14
 *BT1 carboxylic acid esters

GLUCONIC ACID

UF dextronic acid
 UF glyconic acid
 UF glykogenic acid
 *BT1 hydroxy acids
 RT monosaccharides

GLUCOPROTEINS

1975-08-20
 *BT1 glycoproteins
 NT1 lactoferrin
 NT1 ovalbumin
 RT golgi complexes
 RT post-translation modification

GLUCOSAMINE

*BT1 hexosamines
 RT chitin

GLUCOSE

*BT1 aldehydes
 *BT1 hexoses
 RT fluorodeoxyglucose
 RT glucagon
 RT insulin
 RT uridine diphosphoglucose

GLUCOSIDASE

INIS: 1992-02-03; ETDE: 1981-01-30
 *BT1 o-glycosyl hydrolases

GLUCURONIC ACID

*BT1 aldehydes
 *BT1 hydroxy acids
 RT glucuronidase
 RT glucuronide conjugates
 RT hyaluronic acid
 RT pectins

GLUCURONIDASE

Code number 3.2.1.31.
 *BT1 o-glycosyl hydrolases
 RT glucuronic acid

GLUCURONIDE CONJUGATES

INIS: 2000-04-12; ETDE: 1985-09-24
Water soluble conjugates of many foreign substances are formed by condensation with glucuronic acid. This conjugation precedes and facilitates the elimination of the foreign substance from the organism.
 BT1 metabolites
 RT biliary tract
 RT excretion
 RT glucuronic acid
 RT glutathione conjugates
 RT sulfates

GLUEBALLS

INIS: 1983-10-14; ETDE: 1983-03-07
Bound states of gluons.
 UF gluonium
 RT bound state
 RT color model
 RT gluon model
 RT gluons

GLUINOS

2013-08-26
 *BT1 sparticles
 RT gluons

GLUON CONDENSATION

INIS: 1989-04-20; ETDE: 1989-05-11
 RT gluons
 RT quantum operators
 RT vacuum states

GLUON-GLUON INTERACTIONS

INIS: 1988-11-16; ETDE: 1988-12-02
 *BT1 particle interactions
 RT gluons
 RT quantum chromodynamics

GLUON MODEL

UF massive vector-meson model
 SF parton model
 *BT1 particle models
 RT glueballs
 RT gluons
 RT quantum chromodynamics
 RT vector mesons

gluonium

INIS: 1983-10-14; ETDE: 1983-03-07
 USE glueballs

GLUONS

INIS: 1979-01-18; ETDE: 1979-02-23
 SF partons
 BT1 bosons
 RT glueballs
 RT gluinos
 RT gluon condensation
 RT gluon-gluon interactions
 RT gluon model
 RT quantum chromodynamics
 RT quark-gluon interactions
 RT quark matter
 RT vector mesons

GLUTAMIC ACID

UF aminoglutaric acid-alpha
 *BT1 amino acids
 NT1 pyridoxylideneglutamate
 RT glutamine
 RT glutaric acid

GLUTAMINE

*BT1 amides
 *BT1 amino acids
 RT glutamic acid

GLUTARIC ACID

*BT1 dicarboxylic acids
 RT glutamic acid

GLUTATHIONE

*BT1 polypeptides
 *BT1 radioprotective substances
 RT glutathione conjugates

GLUTATHIONE CONJUGATES

INIS: 2000-04-12; ETDE: 1985-09-24
Water soluble conjugates of many foreign substances are formed by condensation with glutathione. This conjugation precedes and facilitates the elimination of the foreign substance from the organism.
 BT1 metabolites
 RT biliary tract
 RT excretion
 RT glucuronide conjugates
 RT glutathione
 RT sulfates

GLUTIN

*BT1 scleroproteins

GLYCERIC ACID

UF dihydroxypropionic acid
 *BT1 hydroxy acids

glycerin

USE glycerol

GLYCEROL

1996-10-22

UF 1,2,3-propanetriol

UF glycerin

*BT1 alcohols

RT lecithins

RT lugol

RT nitroglycerin

RT triglycerides

glyceryl trioleate

USE triolein

glycides

USE saccharides

GLYCINE

UF aminoacetic acid

UF glycoll

*BT1 amino acids

RT glycylglycine

RT hippuric acid

RT sarcosine

GLYCINE HISPIDA

UF soybean plant

*BT1 leguminosae

RT forage

RT soybeans

glycoll

USE glycine

GLYCOGEN

*BT1 polysaccharides

RT liver

glycol monoalkyl ethers

USE cellosolves

GLYCOLIC ACID

UF hydroxyacetic acid

*BT1 hydroxy acids

*BT1 monocarboxylic acids

RT thionalide

GLYCOLIPIDS

*BT1 lipids

*BT1 saccharides

NT1 cerebroside

NT1 gangliosides

RT golgi complexes

GLYCOLS

1996-06-26

UF 1,2-ethanediol

UF benzopinacol

UF carbitols

UF diglycol monoalkyl ethers

UF diols

*BT1 alcohols

NT1 butanediols

NT1 cellosolves

NT1 egta

NT1 ethylene glycols

NT2 polyethylene glycols

NT3 carbowax

NT3 pluronics

NT1 pinacol

RT dacron

RT mylar

GLYCOLYSIS

*BT1 decomposition

BT1 metabolism

RT carbohydrates

RT catabolism

RT enzymes

RT saccharides

glyconic acid

USE gluconic acid

GLYCOPROTEINS

1975-11-27

*BT1 proteins

*BT1 saccharides

NT1 avidin

NT1 glucoproteins

NT2 lactoferrin

NT2 ovalbumin

NT1 luteinizing hormone

RT mucopolysaccharides

RT mucoproteins

RT post-translation modification

GLYCOSIDES

1996-10-23

UF hesperidin

UF phloredzin

UF phlorhizin

UF phlorizin

*BT1 carbohydrates

NT1 cardiac glycosides

NT2 digitalis glycosides

NT3 digitoxin

NT3 digoxin

NT2 strophanthins

NT3 ouabain

NT1 saponins

NT1 strophantin

NT1 uridine diphosphoglucose

RT lignin

RT quercetin

glycosuria

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE metabolic diseases

USE urogenital system diseases

GLYCOSYL HYDROLASES

Code number 3.2.

*BT1 hydrolases

NT1 o-glycosyl hydrolases

NT2 amylase

NT2 cellulase

NT2 galactosidase

NT2 glucosidase

NT2 glucuronidase

NT2 hyaluronidase

NT2 lysozyme

NT2 xylanase

GLYCOSYL TRANSFERASES

INIS: 1982-06-09; ETDE: 1981-06-13

Code number 2.4.

*BT1 transferases

NT1 hexosyl transferases

NT1 pentosyl transferases

NT2 hypoxanthine
phosphoribosyltransferase**GLYCYLGLYCINE**

2000-04-05

*BT1 amino acids

*BT1 peptides

RT glycine

glykogenic acid

USE gluconic acid

GLYOXAL

UF 1,2-ethanedial

UF oxalaldehyde

*BT1 aldehydes

GLYOXYLIC ACID

UF oxoacetic acid

*BT1 aldehydes

*BT1 carboxylic acids

GNEISSES

INIS: 1984-02-22; ETDE: 1980-08-12

*BT1 metamorphic rocks

GNOME EVENT

BT1 plowshare project

BT1 vela project

gnothobionts

USE germ-free animals

GOATS

*BT1 domestic animals

*BT1 ruminants

gobar gas

INIS: 2000-04-12; ETDE: 1975-10-01

(Prior to March 1983 this concept in ETDE was indexed by INTERMEDIATE BTU GAS.)

USE intermediate btu gas

USE methane

GODIVA REACTOR

LANL, Los Alamos, New Mexico, USA.

*BT1 zero power reactors

GOES SATELLITES

INIS: 1983-03-15; ETDE: 1980-04-14

UF geostationary operational
environmental satellite

BT1 satellites

RT geologic surveys

RT remote sensing

GOESGEN REACTOR

Daeniken, Soleure, Switzerland.

UF kernkraftwerk goesgen-daeniken

*BT1 pwr type reactors

GOETHITE

INIS: 1992-09-03; ETDE: 1984-02-10

*BT1 oxide minerals

RT iron oxides

RT limonite

goiania radiological emergency

INIS: 1988-08-02; ETDE: 2002-06-13

Goiania, Goias, Brazil.

USE brazil

USE radiation accidents

GOITER

*BT1 endocrine diseases

RT hyperthyroidism

RT hypothyroidism

RT thyroid

GOL-3 DEVICE

INIS: 1999-07-26; ETDE: 1999-09-03

Budker Institute for Nuclear Physics,

Novosibirsk, Russia.

*BT1 magnetic mirrors

GOLD

*BT1 transition elements

GOLD 169

2007-10-22

*BT1 gold isotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

GOLD 170

INIS: 2003-01-03; ETDE: 2002-12-26

*BT1 gold isotopes

*BT1 intermediate mass nuclei

*BT1 microseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

GOLD 171

2003-06-26

- *BT1 alpha decay radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 microseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 proton decay radioisotopes

GOLD 172

1994-04-11

- *BT1 alpha decay radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

GOLD 173

1983-09-01

- *BT1 alpha decay radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

GOLD 174

1983-09-01

- *BT1 alpha decay radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

GOLD 175

ETDE: 1975-08-19

- *BT1 alpha decay radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

GOLD 176

ETDE: 1975-08-19

- *BT1 alpha decay radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GOLD 177

- *BT1 alpha decay radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GOLD 178

- *BT1 alpha decay radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GOLD 179

- *BT1 alpha decay radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GOLD 180

- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GOLD 181

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei

- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GOLD 182

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GOLD 183

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GOLD 184

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GOLD 185

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

GOLD 186

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

GOLD 187

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

GOLD 187 TARGET

INIS: 1978-11-24; ETDE: 1978-12-20
BT1 targets

GOLD 188

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

GOLD 189

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

GOLD 190

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

GOLD 191

- *BT1 electron capture radioisotopes

- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

GOLD 192

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-odd nuclei

GOLD 193

- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GOLD 193 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08
BT1 targets

GOLD 194

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei

GOLD 194 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08
BT1 targets

GOLD 195

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

GOLD 195 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08
BT1 targets

GOLD 196

- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

GOLD 196 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08
BT1 targets

GOLD 197

- *BT1 gold isotopes
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 stable isotopes

GOLD 197 BEAMS*INIS: 1979-04-27; ETDE: 1979-05-25*

*BT1 ion beams

GOLD 197 REACTIONS*INIS: 1984-06-21; ETDE: 1984-07-10*

*BT1 heavy ion reactions

GOLD 197 TARGET*ETDE: 1976-07-09*

BT1 targets

GOLD 198

*BT1 beta-minus decay radioisotopes

*BT1 days living radioisotopes

*BT1 gold isotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 odd-odd nuclei

RT radiocolloids

GOLD 198 TARGET*INIS: 1977-11-21; ETDE: 1978-03-08*

BT1 targets

GOLD 199

*BT1 beta-minus decay radioisotopes

*BT1 days living radioisotopes

*BT1 gold isotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

GOLD 199 TARGET*INIS: 1977-11-21; ETDE: 1978-03-08*

BT1 targets

GOLD 200

*BT1 beta-minus decay radioisotopes

*BT1 gold isotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 isomeric transition isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

GOLD 201

*BT1 beta-minus decay radioisotopes

*BT1 gold isotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

GOLD 202

*BT1 beta-minus decay radioisotopes

*BT1 gold isotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

GOLD 203

*BT1 beta-minus decay radioisotopes

*BT1 gold isotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

GOLD 204

*BT1 beta-minus decay radioisotopes

*BT1 gold isotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

GOLD 205*1994-04-11*

*BT1 beta-minus decay radioisotopes

*BT1 gold isotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

GOLD ADDITIONS*2000-04-05**Alloys containing not more than 1% Au are listed here.*

*BT1 gold alloys

GOLD ALLOYS*1995-02-27**Alloys containing more than 1% Au.*

*BT1 transition element alloys

NT1 gold additions

NT1 gold base alloys

NT2 palau

GOLD BASE ALLOYS

*BT1 gold alloys

NT1 palau

GOLD BROMIDES

*BT1 bromides

*BT1 gold halides

GOLD CHLORIDES

*BT1 chlorides

*BT1 gold halides

GOLD COMPLEXES

*BT1 transition element complexes

GOLD COMPOUNDS*1997-06-17*

UF aurates

BT1 transition element compounds

NT1 gold halides

NT2 gold bromides

NT2 gold chlorides

NT2 gold fluorides

NT2 gold iodides

NT1 gold hydrides

NT1 gold oxides

NT1 gold silicides

NT1 gold tellurides

GOLD FLUORIDES

*BT1 fluorides

*BT1 gold halides

GOLD HALIDES*2012-07-19*

*BT1 gold compounds

*BT1 halides

NT1 gold bromides

NT1 gold chlorides

NT1 gold fluorides

NT1 gold iodides

GOLD HYDRIDES*1978-11-24*

*BT1 gold compounds

*BT1 hydrides

GOLD IODIDES

*BT1 gold halides

*BT1 iodides

GOLD IONS

*BT1 ions

GOLD ISOTOPES*1999-07-16*

BT1 isotopes

NT1 gold 169

NT1 gold 170

NT1 gold 171

NT1 gold 172

NT1 gold 173

NT1 gold 174

NT1 gold 175

NT1 gold 176

NT1 gold 177

NT1 gold 178

NT1 gold 179

NT1 gold 180

NT1 gold 181

NT1 gold 182

NT1 gold 183

NT1 gold 184

NT1 gold 185

NT1 gold 186

NT1 gold 187

NT1 gold 188

NT1 gold 189

NT1 gold 190

NT1 gold 191

NT1 gold 192

NT1 gold 193

NT1 gold 194

NT1 gold 195

NT1 gold 196

NT1 gold 197

NT1 gold 198

NT1 gold 199

NT1 gold 200

NT1 gold 201

NT1 gold 202

NT1 gold 203

NT1 gold 204

NT1 gold 205

GOLD ORES

BT1 ores

GOLD OXIDES*1996-07-16*

*BT1 gold compounds

*BT1 oxides

GOLD SILICIDES*INIS: 1985-01-17; ETDE: 1975-12-16*

*BT1 gold compounds

*BT1 silicides

GOLD TELLURIDES*INIS: 2000-04-12; ETDE: 1975-11-28*

*BT1 gold compounds

*BT1 tellurides

GOLDBERGER MODEL

UF serber-goldberger model

*BT1 nuclear models

**GOLDBERGER-TREIMAN
RELATION**

RT coupling

RT pions

RT quantum field theory

RT weak interactions

GOLDFISH

UF carassius

*BT1 fishes

goldhaber-teller model

USE giant resonance model

GOLDSTONE BOSONS*Massless particles occurring in certain broken-symmetry theories.*

BT1 bosons

*BT1 postulated particles

NT1 axions

NT1 majorons

RT invariance principles

RT su groups

GOLDSTONE DIAGRAMS

UF brueckner approximation

UF brueckner-goldstone theory

UF brueckner-sawada theory

UF sawada method

*BT1 diagrams

RT many-body problem

GOLFECH-1 REACTOR

INIS: 1984-07-23; ETDE: 1984-09-05
Electricite de France, Golfech, Tarn-et-Garonne, France
 *BT1 pwr type reactors

GOLFECH-2 REACTOR

1995-06-29
Electricite de France, Golfech, Tarn-et-Garonne, France
 *BT1 pwr type reactors

golgi apparatus

USE golgi complexes

golgi bodies

INIS: 2000-04-12; ETDE: 1991-08-21
 USE golgi complexes

GOLGI COMPLEXES

INIS: 1999-04-20; ETDE: 1991-08-21
 (Until August 1994 this concept was indexed to ORGANOIDS.)
 UF dictyosomes
 UF golgi apparatus
 UF golgi bodies
 UF organoids
 BT1 cell constituents
 RT cell membranes
 RT endoplasmic reticulum
 RT glucoproteins
 RT glycolipids
 RT lysosomes
 RT post-translation modification

GONADOTROPINS

*BT1 pituitary hormones
 NT1 fsh
 NT1 hcg
 NT1 lth
 NT1 luteinizing hormone
 RT gonads

GONADS

NT1 ovaries
 NT1 testes
 RT castration
 RT endocrine glands
 RT female genitals
 RT fertility
 RT gametogenesis
 RT genetic effects
 RT germ cells
 RT gonadotropins
 RT hcg
 RT male genitals
 RT pelvis
 RT reproduction
 RT sex

GONDWANA

INIS: 2000-04-12; ETDE: 1989-09-08
 RT plate tectonics

GONIOMETERS

BT1 measuring instruments

GONORRHEA

INIS: 1976-06-23; ETDE: 1976-08-24
 *BT1 bacterial diseases
 *BT1 urogenital system diseases

GOODS AND SERVICES

INIS: 2000-04-12; ETDE: 1983-03-23
Includes personal property, actions, and services, as distinguished from real property.
 RT procurement

GORKOV-ELIASHBERG THEORY

INIS: 1977-07-05; ETDE: 1976-01-07
Theory of gapless superconductivity arising from magnetic impurities.
 UF eliasberg equations
 RT superconductivity

GORLEBEN SALT DOME

INIS: 1989-11-24; ETDE: 1989-12-08
 *BT1 radioactive waste facilities
 RT high-level radioactive wastes
 RT salt caverns
 RT salt deposits
 RT underground disposal

gosatomnadzor

INIS: 1997-08-08; ETDE: 1977-06-03
 (Until July 1997 this was a valid descriptor.)
 USE gosatomnadzor rossii

GOSATOMNADZOR ROSSII

1997-08-08
Until July 1997 this was known as GOSATOMNADZOR.
 UF gosatomnadzor
 UF nuclear and radiation safety federal authority of russia
 UF russian state nuclear and radiation safety authority
 *BT1 russian organizations

GOVERNMENT BUILDINGS

INIS: 1994-10-03; ETDE: 1993-01-20
 (Until September 1994 this concept was indexed to FEDERAL BUILDINGS.)
 UF federal buildings
 BT1 buildings
 RT military facilities
 RT office buildings
 RT public buildings

government industry data exchange program (gidep)

INIS: 2000-04-12; ETDE: 1984-11-09
 SEE data acquisition

GOVERNMENT POLICIES

1998-01-28
 (From August 1979 till March 1997 LEGAL INCENTIVES was a valid ETDE descriptor.)
 SF legal incentives
 SF policy
 NT1 economic policy
 NT1 energy policy
 NT2 national energy plans
 NT3 us national energy plan
 NT2 project independence
 NT1 environmental policy
 NT2 emissions trading
 NT2 water policy
 NT1 foreign policy
 RT deregulation
 RT implementation
 RT institutional factors
 RT local government
 RT national government
 RT nationalization
 RT non-proliferation policy
 RT nuclear power phaseout
 RT planning
 RT political aspects
 RT public enterprises
 RT public officials
 RT public policy
 RT regional cooperation
 RT regulations
 RT state government
 RT territorial waters
 RT us federal assistance programs
 RT us national program plans

government spending

INIS: 2000-04-12; ETDE: 1980-08-25
Coordinate the descriptor below with one for the level of government involved, e.g. NATIONAL GOVERNMENT.
 (Prior to February 1997 FEDERAL EXPENDITURES was used for this concept.)
 USE expenditures

GOVERNOR MODEL

*BT1 shell models
 RT cranking model
 RT deformed nuclei
 RT fission

governors

INIS: 2000-04-12; ETDE: 1979-11-23
 USE state officials

gps

2004-08-30
 USE global positioning system

GRABEN-1 REACTOR

*BT1 bwr type reactors

GRABEN-2 REACTOR

2000-04-12
 *BT1 bwr type reactors

GRABS

*BT1 materials handling equipment
 RT hoists
 RT materials handling

grace particles

INIS: 1978-08-14; ETDE: 1978-10-19
Flavor of quarks proposed in certain U(3) gauge theories of electroweak interactions.
 (This was a valid descriptor from August 1978 to March 2006.)
 SEE quarks

GRAD-SHAFRANOV EQUATION

INIS: 1983-10-14; ETDE: 1983-11-09
 *BT1 partial differential equations
 RT mercier criterion
 RT plasma
 RT transport theory

graded band gap solar cells

INIS: 1992-05-28; ETDE: 1981-07-18
 USE cascade solar cells

GRADED BAND GAPS

INIS: 1992-05-28; ETDE: 1978-12-11
 RT band theory
 RT cascade solar cells
 RT semiconductor materials
 RT solar cells

GRADED LIE GROUPS

INIS: 1978-11-24; ETDE: 1978-12-20
Lie groups defined by an algebraic structure which contains commutation and anticommutation relations.
 UF lie superalgebra
 *BT1 lie groups
 RT algebra
 RT supergravity
 RT supersymmetry

GRAFENRHEINFELD REACTOR

Schweinfurt, Germany. Permanent shutdown since 2015.
 *BT1 pwr type reactors

GRAFT-HOST REACTION

RT antigen-antibody reactions
 RT grafts
 RT histocompatibility complex
 RT host

RT immunity
RT transplants

GRAFT POLYMERS

*BT1 organic polymers
RT ion exchange materials

GRAFTS

BT1 transplants
RT graft-host reaction
RT radioimmunology

grain alcohol

USE ethanol

GRAIN BOUNDARIES

UF boundaries (grain)
BT1 microstructure
RT dislocation pinning
RT grain growth
RT intergranular corrosion

GRAIN DENSITY

UF density (grain)
BT1 microstructure
RT granular materials

GRAIN DISINFESTATION

BT1 disinfection
RT agriculture
RT cereals
RT fumigants
RT insects
RT pesticides
RT preservation
RT radiodisinfection
RT sterilization

GRAIN GROWTH

UF growth (grain)
RT crystal growth
RT grain boundaries
RT grain refinement
RT grain size
RT recrystallization

GRAIN ORIENTATION

UF orientation (grain)
UF preferred orientation
BT1 microstructure
BT1 orientation
RT texture

GRAIN REFINEMENT

UF refinement (grain)
RT grain growth
RT grain size
RT heat treatments

GRAIN SIZE

See also PARTICLE SIZE.

BT1 microstructure
BT1 size
RT grain growth
RT grain refinement
RT granular materials

grains (cereal)

USE cereals
USE seeds

GRAMINEAE

ETDE: 1991-07-01

(Prior to December 1984 this was a valid ETDE descriptor. From December 1984 to July 1991 this concept in ETDE was indexed to GRASS.)

UF grass
*BT1 liliopsida
NT1 bamboo
NT1 cereals
NT2 barley
NT2 maize

NT2 millet
NT2 oats
NT2 rice
NT2 rye
NT2 sorghum
NT2 wheat

NT1 reeds
NT2 sugar cane
NT1 switchgrass
RT cattle
RT forage
RT ground cover
RT pastures
RT preferred species
RT weeds

GRAN SASSO NATIONAL LABORATORY

2016-12-12

UF laboratori nazionali del gran sasso
RT borexino detector
RT infn

grand accélérateur national d'ions lourds

INIS: 1976-07-30; ETDE: 2002-06-13
USE ganil cyclotron

GRAND GULF-1 REACTOR

Entergy Operations, Inc., Port Gibson, Mississippi, USA.
*BT1 bwr type reactors

GRAND GULF-2 REACTOR

Entergy Operations, Inc., Port Gibson, Mississippi, USA. Canceled in 1990 after construction began (1974).
*BT1 bwr type reactors

GRAND RIVER

INIS: 1992-06-04; ETDE: 1981-01-27
*BT1 rivers
RT hydroelectric power
RT michigan

grand unification

INIS: 1983-12-01; ETDE: 2002-06-13
USE grand unified theory

GRAND UNIFIED THEORY

INIS: 1995-08-10; ETDE: 1984-01-27
Gauge field theory to unify electromagnetic, weak and strong interactions. For unified theories involving gravitation see UNIFIED-FIELD THEORIES.

UF grand unification
*BT1 unified gauge models
NT1 standard model
RT electromagnetic interactions
RT quantum chromodynamics
RT so-10 groups
RT strong interactions
RT su-5 groups
RT unified field theories
RT weak interactions
RT weinberg-salam gauge model

GRANITES

*BT1 plutonic rocks
NT1 aplites
NT1 granodiorites
NT1 quartz monzonite
RT biotite
RT feldspars
RT hornblende
RT pegmatites
RT quartz
RT rhyolites
RT xenotime

GRANODIORITES

*BT1 granites
RT feldspars
RT quartz

grants

INIS: 1985-01-17; ETDE: 1978-02-14
Things bestowed or transferred, such as money or land, for particular purposes. (Prior to February 1997 this was a valid ETDE descriptor.)
USE financing

GRANULAR BED FILTERS

INIS: 1999-07-29; ETDE: 1978-06-14
(Until July 1999 this concept was indexed by MECHANICAL FILTERS.)
*BT1 mechanical filters
RT pollution control equipment

GRANULAR MATERIALS

INIS: 1982-09-21; ETDE: 1979-11-23
For unspecified materials having a granular texture.
BT1 materials
RT grain density
RT grain size
RT particles
RT powders

GRANULATION

2006-02-08
Process of producing particles of grain-like structure from solid substances.
BT1 fabrication
RT agglomeration

granulation (solar)

USE solar granulation

GRANULITES

INIS: 2000-04-12; ETDE: 1980-08-12
*BT1 metamorphic rocks

granulocytes

USE leukocytes

GRANULOMAS

*BT1 neoplasms
RT infectious diseases
RT inflammation
RT pathological changes

GRAPEFRUITS

*BT1 fruits
RT citrus

GRAPES

*BT1 fruits

GRAPH THEORY

2002-09-10
SF graphs
BT1 mathematics
RT mathematical manifolds
RT mathematical space
RT measure theory
RT topological mapping
RT topology

GRAPHENE

2012-11-28
*BT1 carbon
RT carbon nanotubes
RT fullerenes
RT graphite

GRAPHICAL USER INTERFACE

2017-11-01
RT equipment interfaces
RT man-machine systems
RT programming

GRAPHITE

UF graphite moderator
 *BT1 carbon
 BT1 minerals
 RT carbon fibers
 RT graphene
 RT graphitization
 RT matrix materials
 RT moderators
 RT refractories
 RT solid lubricants
 RT wigner effect

graphite fibers

INIS: 1983-03-15; ETDE: 1975-11-11

USE carbon fibers

graphite low-energy experimental pile

1993-11-08

USE gleep reactor

GRAPHITE MODERATED REACTORS

1996-01-24

SF berkeley nuclear laboratory reactor
 SF bnl reactor
 SF smr reactor
 SF solid moderated reactor
 BT1 reactors
 NT1 anna reactor
 NT1 bepo reactor
 NT1 bgrr reactor
 NT1 bigr reactor
 NT1 br-1 reactor
 NT1 cesar reactor
 NT1 cp-2 reactor
 NT1 egcr reactor
 NT1 f-1 reactor
 NT1 gcr type reactors
 NT2 agr type reactors
 NT3 connah quay-b reactor
 NT3 dungeness-b reactor
 NT3 hartlepool reactor
 NT3 heysham-a reactor
 NT3 heysham-b reactor
 NT3 hinkley point-b reactor
 NT3 hunterston-b reactor
 NT3 torness reactor
 NT3 wagr reactor
 NT2 bugey-1 reactor
 NT2 chinon-a1 reactor
 NT2 chinon-a2 reactor
 NT2 chinon-a3 reactor
 NT2 g-1 reactor
 NT2 g-2 reactor
 NT2 g-3 reactor
 NT2 magnox type reactors
 NT3 berkeley reactor
 NT3 bradwell reactor
 NT3 calder hall a-1 reactor
 NT3 calder hall a-2 reactor
 NT3 calder hall b-3 reactor
 NT3 calder hall b-4 reactor
 NT3 chapelcross-1 reactor
 NT3 chapelcross-2 reactor
 NT3 chapelcross-3 reactor
 NT3 chapelcross-4 reactor
 NT3 dungeness-a reactor
 NT3 hinkley point-a reactor
 NT3 hunterston-a reactor
 NT3 latina reactor
 NT3 oldbury-a reactor
 NT3 sizewell-a reactor
 NT3 tokai-mura reactor
 NT3 trawsfynydd reactor
 NT3 wylfa reactor
 NT2 saint laurent-a1 reactor
 NT2 saint laurent-a2 reactor

NT2 vandello reactor

NT1 gleep reactor

NT1 hector reactor

NT1 hero reactor

NT1 hew-305 reactor

NT1 hitrex-1 reactor

NT1 hnpf reactor

NT1 htgr type reactors

NT2 avr reactor

NT2 dragon reactor

NT2 fulton-1 reactor

NT2 fulton-2 reactor

NT2 ga standard reactor

NT2 htr-10 reactor

NT2 httr reactor

NT2 kahter reactor

NT2 peach bottom-1 reactor

NT2 schmehausen-2 reactor

NT2 summit-1 reactor

NT2 summit-2 reactor

NT2 thtr-300 reactor

NT2 vg-400 reactor

NT2 vgr-50 reactor

NT2 vhtr reactor

NT2 vidal-1 reactor

NT2 vidal-2 reactor

NT2 vrain reactor

NT1 htltr reactor

NT1 iea-zpr reactor

NT1 igr reactor

NT1 iowa utr-10 reactor

NT1 kuca reactor

NT1 lwgr type reactors

NT2 aps reactor

NT2 beloyarsk-1 reactor

NT2 beloyarsk-2 reactor

NT2 bilibin reactor

NT2 chernobylsk-1 reactor

NT2 chernobylsk-2 reactor

NT2 chernobylsk-3 reactor

NT2 chernobylsk-4 reactor

NT2 ignalina-1 reactor

NT2 ignalina-2 reactor

NT2 kursk-1 reactor

NT2 kursk-2 reactor

NT2 kursk-3 reactor

NT2 kursk-4 reactor

NT2 leningrad-1 reactor

NT2 leningrad-2 reactor

NT2 leningrad-3 reactor

NT2 leningrad-4 reactor

NT2 n-reactor

NT2 rpt reactor

NT2 smolensk-1 reactor

NT2 smolensk-2 reactor

NT2 smolensk-3 reactor

NT2 uwtr reactor

NT1 marius reactor

NT1 msre reactor

NT1 ntr reactor

NT1 pctr reactor

NT1 proteus reactor

NT1 rb-1 reactor

NT1 sgr type reactors

NT2 sre reactor

NT1 shca reactor

NT1 sr-305 reactor

NT1 treat reactor

NT1 uhtrex reactor

NT1 windscale production reactors

NT1 x-10 reactor

NT1 zenith reactor

graphite moderator

USE graphite

GRAPHITIZATION

INIS: 1984-07-20; ETDE: 1975-11-11

RT carbonization

RT crystal-phase transformations

RT graphite

graphs

INIS: 2000-04-12; ETDE: 1979-03-29

(Prior to December 1991 this was a valid ETDE descriptor.)

SEE diagrams

SEE graph theory

grasers

INIS: 1981-04-03; ETDE: 1978-03-08

USE gasers

GRASHOF NUMBER

BT1 dimensionless numbers

RT natural convection

RT viscosity

grass

(Prior to July 1991 this was a valid ETDE descriptor.)

USE gramineae

GRASSHOPPERS

*BT1 orthoptera

NT1 locusts

grasslands

INIS: 2000-04-12; ETDE: 1982-12-23

USE rangelands

grates

INIS: 2000-04-12; ETDE: 1997-04-02

USE gratings

GRATINGS

INIS: 1984-01-18; ETDE: 1982-01-21

Crossed arrays of metal ribs or wires. Not for SCREENS or INTAKE STRUCTURES. See also DIFFRACTION GRATINGS, for which concept this term was used till November 1989.

UF grates

RT diffraction

RT furnaces

RT screens

RT waveguides

GRAVELINES-1 REACTOR

2004-12-20

Electricite de France, Gravelines, Nord, France

(Prior to December 2004 GRAVELINES-B1 REACTOR was used for this reactor.)

UF gravelines-b1 reactor

*BT1 pwr type reactors

RT gravelines site

GRAVELINES-2 REACTOR

2004-12-20

Electricite de France, Gravelines, Nord, France

UF gravelines-b2 reactor

*BT1 pwr type reactors

RT gravelines site

GRAVELINES-3 REACTOR

2004-12-20

Electricite de France, Gravelines, Nord, France

UF gravelines-b3 reactor

*BT1 pwr type reactors

RT gravelines site

GRAVELINES-4 REACTOR

2004-12-20

Electricite de France, Gravelines, Nord, France

UF gravelines-b4 reactor

*BT1 pwr type reactors

RT gravelines site

GRAVELINES-5 REACTOR

2004-12-20

*Electricite de France, Gravelines, Nord, France*UF *gravelines-c5 reactor**BT1 *pwr type reactors*RT *gravelines site***GRAVELINES-6 REACTOR**

2004-12-20

Electricite de France, Gravelines, Nord, France

(Prior to December 2004 GRAVELINES-C6 REACTOR was used for this reactor.)

UF *gravelines-c6 reactor**BT1 *pwr type reactors*RT *gravelines site***gravelines-b1 reactor**

INIS: 1980-02-26; ETDE: 1980-03-29

Gravelines, Nord, France.

(Prior to December 2004 this was a valid descriptor.)

USE *gravelines-1 reactor***gravelines-b2 reactor**

2010-08-17

USE *gravelines-2 reactor***gravelines-b3 reactor**

2010-08-17

USE *gravelines-3 reactor***gravelines-b4 reactor**

2010-08-17

USE *gravelines-4 reactor***gravelines-c5 reactor**

2010-08-17

USE *gravelines-5 reactor***gravelines-c6 reactor**

INIS: 1990-09-24; ETDE: 1990-10-09

Gravelines, Nord, France.

(Prior to December 2004 this was a valid descriptor.)

USE *gravelines-6 reactor***GRAVELINES SITE**

2004-12-20

*Gravelines, Nord, France.*BT1 *reactor sites*RT *gravelines-1 reactor*RT *gravelines-2 reactor*RT *gravelines-3 reactor*RT *gravelines-4 reactor*RT *gravelines-5 reactor*RT *gravelines-6 reactor***gravichem process**

INIS: 2000-04-12; ETDE: 1980-06-23

Desulfurization process in which coal is mixed with ferric sulfate, which oxidizes pyritic sulfur to elemental sulfur.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE *desulfurization***GRAVIMELT PROCESS**

INIS: 2000-04-12; ETDE: 1980-08-25

*The chemical desulfurization of coal by reaction with an 80% molten caustic mixture with a 1:1 mole ratio of KOH and NaOH. The reaction occurs in a nickel reaction vessel at atmospheric pressure and 715 degrees F.**BT1 *desulfurization***GRAVIMETRIC ANALYSIS***BT1 *quantitative chemical analysis*NT1 *thermal gravimetric analysis***GRAVIMETRY**

1996-04-18

*For gravitation measurement only; see also GRAVIMETRIC ANALYSIS.*RT *acceleration*RT *gravitation*RT *gravity surveys***GRAVITATION**RT *einstein effect*RT *general relativity theory*RT *gravimetry*RT *gravitational fields*RT *gravitational interactions*RT *gravitational lenses*RT *gravity waves*RT *kaluza-klein theory*RT *quantum gravity*RT *schwarzschild metric*RT *supergravity*RT *twistor theory*RT *unified field theories*RT *weightlessness***gravitational charges**

INIS: 1975-08-22; ETDE: 2002-06-13

USE *fundamental constants*USE *gravitons***GRAVITATIONAL COLLAPSE**UF *collapse (gravitational)*RT *black holes*RT *neutron stars*RT *schwarzschild radius*RT *star evolution***GRAVITATIONAL FIELDS**UF *fields (gravitational)*NT1 *kerr field*RT *einstein effect*RT *einstein field equations*RT *einstein-maxwell equations*RT *equivalence principle*RT *general relativity theory*RT *gravitation*RT *gravitational interactions*RT *gravitational lenses*RT *gravitational radiation*RT *mass*RT *metrics*RT *potentials*RT *quantum gravity*RT *roche equipotentials*RT *uniton*RT *weyl unified theory***GRAVITATIONAL INSTABILITY**

2000-04-12

*BT1 *plasma instability***GRAVITATIONAL INTERACTIONS***BT1 *fundamental interactions*RT *gravitation*RT *gravitational fields*RT *gravitational radiation*RT *gravitational waves***GRAVITATIONAL LENSES**

INIS: 1983-02-04; ETDE: 1983-03-07

BT1 *lenses*RT *general relativity theory*RT *gravitation*RT *gravitational fields***GRAVITATIONAL RADIATION**BT1 *radiations*NT1 *gravitons*RT *general relativity theory*RT *gravitational fields*RT *gravitational interactions*RT *gravitational wave detectors*RT *gravitational waves***GRAVITATIONAL WAVE DETECTORS**

INIS: 1976-03-02; ETDE: 1976-04-19

*BT1 *radiation detectors*RT *gravitational radiation*RT *gravitational waves***GRAVITATIONAL WAVES**RT *einstein-maxwell equations*RT *gravitational interactions*RT *gravitational radiation*RT *gravitational wave detectors***GRAVITINOS**

2013-08-26

*BT1 *sparticles*RT *gravitons***GRAVITONS**UF *gravitational charges**BT1 *gravitational radiation**BT1 *massless particles**BT1 *postulated particles*RT *gravitinos*RT *quantum gravity*RT *supergravity*RT *uniton***GRAVITY LOGGING**

INIS: 1996-04-18; ETDE: 1977-01-28

BT1 *well logging*RT *gravity surveys***GRAVITY SURVEYS**

1996-06-18

(Until April 1996 this concept was indexed to GEOPHYSICAL SURVEYS and GRAVIMETRY.)

*BT1 *geophysical surveys*RT *geothermal exploration*RT *gravimetry*RT *gravity logging***GRAVITY WAVES***Waves in an interface between fluids of different density in which the restoring force is gravity.*NT1 *water waves*NT2 *tsunamis*RT *fluid mechanics*RT *gravitation***gray**

INIS: 1997-06-05; ETDE: 1980-08-12

*See also ABSORBED DOSE RANGE.*USE *radiation dose units*USE *si units***GRAY ENERGY**

2004-11-02

*Amount of energy consumed in the manufacture of a product or in providing a service.*UF *grey energy*SF *energy content*BT1 *energy*RT *energy accounting***GRAYWACKE***BT1 *sandstones*RT *conglomerates***GRAZING**

INIS: 1992-07-21; ETDE: 1979-10-03

*Feeding on growing herbage.*BT1 *feeding*RT *domestic animals*RT *forage*RT *rangelands*RT *wild animals*

GRAZING INCIDENCE TOMOGRAPHY

INIS: 1981-05-11; ETDE: 1981-06-13

*BT1 tomography

GREASES

BT1 lubricants

RT lubrication

RT oils

GREAT BASIN

INIS: 1992-06-04; ETDE: 1978-04-06

Area including Nevada, Western and Central Utah, Mohave county in Arizona, and the counties of Alpine, El Dorado, Inyo, Mono, and San Bernardino in California.

*BT1 usa

RT arizona

RT california

RT nevada

RT utah

great britain

USE united kingdom

GREAT LAKES

*BT1 lakes

NT1 lake erie

NT1 lake huron

NT1 lake michigan

NT1 lake ontario

NT1 lake superior

RT great lakes basin

GREAT LAKES BASIN

INIS: 1992-01-14; ETDE: 1978-06-14

BT1 watersheds

RT great lakes

great lakes region

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to June 1982 this was a valid ETDE descriptor.)

USE usa

great plains

INIS: 2000-04-12; ETDE: 1978-09-13

An area of land encompassing the eastern portions of Montana, Wyoming, Colorado, and New Mexico and the western portions of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas. The area includes the southern provinces of Canada.

USE usa

GREAT SALT LAKE

INIS: 1992-06-04; ETDE: 1976-07-07

*BT1 lakes

RT utah

GREATER ANTILLES

INIS: 1992-06-04; ETDE: 1980-02-11

*BT1 west indies

NT1 cuba

NT1 hispaniola

NT2 dominican republic

NT2 haiti

NT1 jamaica

NT1 puerto rico

GREECE

1995-04-03

BT1 developing countries

*BT1 western europe

RT oecd

GREEK ORGANIZATIONS

INIS: 1984-11-30; ETDE: 1984-12-27

BT1 national organizations

greek research reactor

USE democritus reactor

greeley event

1994-10-14

A test made during OPERATION LATCHKEY.

(Prior to September 1994, this was a valid

ETDE descriptor.)

USE nuclear explosions

USE underground explosions

green energy

2007-09-06

SEE renewable energy sources

GREEN FUNCTION

BT1 functions

RT differential equations

RT Sturm-Liouville equation

green oil

INIS: 2000-04-12; ETDE: 1976-04-19

USE shale oil fractions

GREEN RIVER FORMATION

1997-06-19

BT1 geologic formations

NT1 mahogany zone

NT1 uinta formation

RT colorado

RT oil shale deposits

RT oil shales

RT piceance creek basin

RT sand wash basin

RT uranium deposits

RT uranium ores

RT utah

RT washakie basin

RT wyoming

GREEN ROOFS

2007-05-11

Roofs at least partially covered with vegetation and including supporting systems such as waterproofing, drainage systems, and growing mediums.

*BT1 roofs

GREENE COUNTY REACTOR

INIS: 1976-10-29; ETDE: 1975-11-28

Power Authority of the State of New York, USA. Canceled in 1979 before construction began.

*BT1 pwr type reactors

GREENHOUSE EFFECT

INIS: 1999-05-05; ETDE: 1976-05-17

UF global warming

BT1 climatic change

RT carbon footprint

RT earth atmosphere

RT greenhouse gases

RT heat transfer

RT kyoto protocol

RT reflection

RT rio declaration

RT trapping

GREENHOUSE GASES

INIS: 1992-04-29; ETDE: 1991-09-04

RT air pollution

RT atmospheric chemistry

RT carbon dioxide

RT carbon footprint

RT carbon neutrality

RT carbon sequestration

RT chlorofluorocarbons

RT emissions tax

RT emissions trading

RT greenhouse effect

RT kyoto protocol

RT methane

RT nitrogen oxides

RT paris agreement

RT redd

GREENHOUSE PROJECT

2000-04-07

UF project greenhouse

*BT1 nuclear explosions

RT eniwetok

GREENHOUSES

1992-08-25

(Until August 1992, this concept was indexed by BUILDINGS.)

BT1 buildings

NT1 attached greenhouses

RT agriculture

RT horticulture

RT hydroponic culture

GREENLAND

BT1 islands

RT arctic ocean

RT arctic regions

RT denmark

GREENWOOD-2 REACTOR

Detroit Edison Co., St. Clair County, Michigan, USA. Canceled in 1980 before construction began.

*BT1 pwr type reactors

GREENWOOD-3 REACTOR

Detroit Edison Co., St. Clair County, Michigan, USA. Canceled in 1980 before construction began.

*BT1 pwr type reactors

GREIFSWALD-1 REACTOR

Greifswald, Federal Republic of Germany.

Permanent shutdown since 1990.

UF bruno leuschner-1 reactor

UF kkw greifswald-1 reactor

*BT1 wwr type reactors

GREIFSWALD-2 REACTOR

Greifswald, Federal Republic of Germany.

Permanent shutdown since 1990.

UF bruno leuschner-2 reactor

UF kkw greifswald-2 reactor

*BT1 wwr type reactors

GREIFSWALD-3 REACTOR

INIS: 1978-07-31; ETDE: 1978-09-11

Greifswald, Federal Republic of Germany.

Permanent shutdown since 1990.

UF bruno leuschner-3 reactor

UF kkw greifswald-3 reactor

*BT1 wwr type reactors

GREIFSWALD-4 REACTOR

INIS: 1978-07-31; ETDE: 1978-09-11

Greifswald, Federal Republic of Germany.

Permanent shutdown since 1990.

UF bruno leuschner-4 reactor

UF kkw greifswald-4 reactor

*BT1 wwr type reactors

GREIFSWALD-5 REACTOR

INIS: 1990-07-24; ETDE: 1990-08-06

Greifswald, German Democratic Republic.

Permanent shutdown since 1989.

UF kkw greifswald-5 reactor

*BT1 wwr type reactors

GREIFSWALD-6 REACTOR

INIS: 1990-07-24; ETDE: 1990-08-06

Greifswald, German Democratic Republic.

Permanent shutdown since 1990.

UF kkw greifswald-6 reactor

*BT1 wwr type reactors

GRENADA

1997-03-07

*BT1 lesser antilles

GRENOBLE CYCLOTRON

*BT1 isochronous cyclotrons

GRENOBLE REACTOR

UF franco-german high flux reactor

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 test reactors

grenoble reactor melusine-1

USE melusine-1 reactor

grenoble reactor melusine-2

USE siloette reactor

greuling-goertzel approximation

2000-04-12

Treatment of neutron slowing-down which includes absorption.

(Prior to January 1995, this was a valid ETDE descriptor.)

SEE neutron slowing-down theory

grey energy

2004-11-02

USE gray energy

GRIBOV-LIPATOV RELATION

BT1 equations

RT annihilation

RT scattering

RT structure functions

GRIDS

BT1 electrodes

RT battery paste

grids (coordinates)

USE coordinates

GRIGNARD REAGENTS

UF alkylmagnesium compounds

UF arylmagnesium compounds

*BT1 magnesium compounds

*BT1 organometallic compounds

grillo process

2000-04-12

A desulfurization process based on chemisorption of the acidic components of waste gas in which the absorbent consists of an oxide compound of magnesium oxide and magnesium dioxide.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

GRINDING

For grinding in the sense of pulverization, use COMMINATION.

BT1 comminution

BT1 machining

RT grinding machines

RT honing

RT wear

GRINDING MACHINES

SF mullers

*BT1 machine tools

RT grinding

GROHNDE REACTOR

INIS: 1976-07-19; ETDE: 1976-09-15

Grohnde, Niedersachsen, Federal Republic of Germany.

*BT1 pwr type reactors

grom devices

2000-04-12

(Prior to June 1991 this was a valid ETDE descriptor.)

USE pinch devices

GROMMET OPERATION

INIS: 2000-04-12; ETDE: 1979-11-23

*BT1 nuclear explosions

*BT1 underground explosions

RT contained explosions

 groningen (kvi) cyclotron

INIS: 1983-06-01; ETDE: 1983-07-07

USE kvi cyclotron

 groningen versneller instituut

INIS: 1977-09-06; ETDE: 1977-10-19

USE kvi

GROSS DOMESTIC PRODUCT

INIS: 1986-12-18; ETDE: 1978-02-14

Sum of a nation's economic output measured in terms of expenditures for goods and services by consumers, government, business, and foreign countries.

SF net material product

SF nmp(net material product)

RT economic development

RT gross national product

RT market

RT production

GROSS NATIONAL PRODUCT

INIS: 1986-12-18; ETDE: 1976-01-23

Sum of a nation's economic output measured in terms of expenditures for goods and services by consumers, government, business, and foreign countries and the earnings from foreign investments.

SF net material product

SF nmp(net material product)

RT domestic supplies

RT economic development

RT economics

RT economy

RT gross domestic product

RT market

RT production

gross-neveu model

INIS: 1982-01-13; ETDE: 1982-02-09

USE lagrangian field theory

grosswelzheim hdr reactor

USE hdr reactor

grosswelzheim pr-10 reactor

USE aeg-pr-10 reactor

ground control

INIS: 2000-04-12; ETDE: 1978-05-03

USE strata control

GROUND COVER

INIS: 1981-11-26; ETDE: 1978-09-11

Vegetation or other means for ensuring soil stability, usually in connection with buried wastes.

RT canopies

RT crops

RT erosion

RT forests

RT gramineae

RT plants

RT revegetation

RT underground disposal

RT water pollution abatement

GROUND DISPOSAL

1982-12-06

For disposal of wastes near the earth's surface, e.g. in trenches.

UF land application

UF near-surface disposal

UF shallow land burial

SF waste burial

*BT1 waste disposal

RT liquid wastes

RT radioactive wastes

RT sanitary landfills

RT sewage sludge

RT solid wastes

RT underground disposal

ground-effect machines

INIS: 2000-04-12; ETDE: 1977-08-09

USE air cushion vehicles

ground experimental engine experiment

2000-04-12

USE xe-prime reactor

ground experimental engine experiment-2

2000-04-12

USE xe-2 reactor

GROUND LEVEL

BT1 levels

GROUND MOTION

(From September 1979 till February 1997

DISPLACEMENT RATES was a valid ETDE descriptor.)

UF displacements (seismic)

SF displacement rates

BT1 motion

RT earthquakes

RT ground subsidence

RT ground uplift

RT landslides

RT nuclear explosions

RT seismic detectors

RT seismic effects

RT seismic events

RT seismic waves

RT seismographs

RT seismology

RT shock waves

RT slope stability

RT soil-structure interactions

RT strata movement

RT underground explosions

GROUND RELEASE

Release of gaseous effluents at ground level.

*BT1 waste disposal

RT gaseous wastes

RT radioactive waste disposal

RT stack disposal

GROUND SOURCE HEAT PUMPS

INIS: 2000-05-02; ETDE: 1980-01-24

BT1 heat pumps

RT air conditioning

RT solar-assisted heat pumps

RT space heating

GROUND STATES

BT1 energy levels

GROUND SUBSIDENCE

1982-07-22

Gradual sinking of the ground surface, e.g. due to collapse of an underground cavity.

UF subsidence (ground)

RT ground motion

ground truth

INIS: 2000-04-12; ETDE: 1980-04-14

Data obtained on the ground concerning the significance of anomalies observed in remote sensing to help interpretation.

(Prior to March 1996 this was a valid ETDE descriptor.)

USE ground truth measurements

GROUND TRUTH MEASUREMENTS

1996-04-18

Data obtained on the ground concerning the significance of anomalies observed in remote sensing to help interpretation.

(From April 1980 until March 1996

GROUND TRUTH was used for this concept in ETDE.)

UF ground truth

RT data analysis

RT geochemical surveys

RT geophysical surveys

RT remote sensing

GROUND UPLIFT

INIS: 2000-04-12; ETDE: 1979-04-11

Process of elevating a part of the earth's surface.

RT geodetic surveys

RT ground motion

RT strata movement

RT tectonics

GROUND WATER

(From January 1975 till March 1997

METEORIC WATER was a valid ETDE descriptor.)

UF meteoric water

*BT1 water

NT1 interstitial water

NT1 magmatic water

RT alluvial deposits

RT aquicludes

RT aquifers

RT artesian basins

RT atmospheric precipitations

RT clays

RT drawdown

RT fluid withdrawal

RT geysers

RT groundwater recharge

RT hydraulic conductivity

RT hydrology

RT leachates

RT liquid wastes

RT radionuclide migration

RT reservoir pressure

RT rock-fluid interactions

RT soil mechanics

RT soils

RT surface waters

RT underground

RT water influx

RT water resources

RT water springs

RT water tables

ground-water reserves

INIS: 2000-04-12; ETDE: 1976-03-31

USE aquifers

ground water withdrawal

INIS: 2000-04-12; ETDE: 1975-11-11

USE fluid withdrawal

groundnuts

Arachis hypogaea.

USE peanuts

grounds

2000-04-12

USE electric grounds

grounds (electric)

INIS: 1982-06-09; ETDE: 1982-07-08

USE electric grounds

GROUNDWATER RECHARGE

INIS: 1995-04-13; ETDE: 1995-05-09

The processes involved in the adsorption and addition of water to the zone of saturation.

SF recharge

RT ground water

GROUP CONSTANTS

BT1 cross sections

RT energy range

RT energy spectra

RT multigroup theory

group iva metal compounds

INIS: 1984-04-04; ETDE: 2002-06-13

USE transition element compounds

GROUP THEORY

1997-08-20

For mathematical groups only; for neutron-energy groups use MULTIGROUP THEORY.

BT1 mathematics

RT clebsch-gordan coefficients

RT clifford algebra

RT galilei transformations

RT irreducible representations

RT nonunitary representations

RT periodicity

RT quantum groups

RT r matrix

RT racah coefficients

RT space groups

RT supersymmetry

RT symmetry groups

RT wigner coefficients

RT young diagram

group va metal compounds

INIS: 1984-04-04; ETDE: 2002-06-13

USE transition element compounds

group via metal compounds

INIS: 1984-04-04; ETDE: 2002-06-13

USE transition element compounds

groups (space)

USE space groups

GROUTING

INIS: 1981-02-27; ETDE: 1977-03-08

UF grouts

RT bonding

RT cementing

RT cements

RT fillers

RT mortars

RT plugging

RT sealing materials

RT seals

RT stemming materials

RT well completion

grouts

INIS: 1984-04-04; ETDE: 2002-06-13

USE grouting

GROWTH

UF cell growth (animal)

UF cell growth (plant)

UF growth inhibition

UF growth stimulation

NT1 animal growth

NT1 plant growth

RT age dependence

RT augmentation

RT biological regeneration

RT life cycle

RT metabolism

RT physiology

RT population dynamics

RT ripening

RT sth

RT teratogenesis

RT viability

growth (bubble)

INIS: 2000-04-12; ETDE: 1980-11-08

USE bubble growth

growth (crystal)

USE crystal growth

growth (economic)

INIS: 2000-04-12; ETDE: 1977-10-19

USE economic development

growth (grain)

USE grain growth

GROWTH FACTORS

INIS: 1999-09-08; ETDE: 1987-08-14

Tissue specific proteins released by a cell which act on neighboring cells to stimulate their replication.

BT1 mitogens

*BT1 proteins

NT1 lymphokines

NT2 interferon

RT angiogenesis

RT cell differentiation

RT cell proliferation

RT erythropoietin

RT oncogenes

RT ontogenesis

RT peptide hormones

growth hormone

USE sth

growth hormone-release inhibiting factor

INIS: 2000-04-12; ETDE: 1979-02-05

USE somatostatin

growth inhibition

If possible, use a more specific term for growth.

USE growth

USE inhibition

growth rings

INIS: 1993-06-03; ETDE: 2002-06-13

SEE tree rings

growth stimulation

USE growth

USE stimulation

grr reactor

USE democritus reactor

grs

INIS: 1977-09-06; ETDE: 1977-10-19

USE gesellschaft fuer anlagen- und reaktorsicherheit

GRUENEISEN CONSTANT

RT compressibility

RT specific heat

RT thermal expansion

GRUENEISEN FORMULA

RT electric conductivity

RT metals

gs process

ETDE: 1975-09-11

USE dual temperature process

gsd

USE genetically significant dose

GTP-ASES

INIS: 2000-04-12; ETDE: 1988-05-23

UF *g-proteins*

*BT1 acid anhydrases

RT membrane proteins

RT oncogenes

GTR REACTOR*General Dynamics--Convair/U.S. Air Force, Fort Worth, Texas, USA.*UF *fort worth gtr reactor*

*BT1 pool type reactors

*BT1 test reactors

GTRR REACTOR*Georgia Institute of Technology, Atlanta, Georgia, USA. Shut down in 1988.*UF *georgia tech. research reactor*

*BT1 enriched uranium reactors

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 test reactors

*BT1 training reactors

GUAM

INIS: 1992-06-09; ETDE: 1978-02-14

*BT1 mariana islands

guanethidine

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE carbonic acid derivatives

USE heterocyclic compounds

USE organic nitrogen compounds

GUANIDINES

INIS: 1996-10-23; ETDE: 1976-11-17

UF *iminourea*

*BT1 carbonic acid derivatives

*BT1 organic nitrogen compounds

NT1 mibg

RT amides

RT creatine

RT imines

RT mercaptoethylguanidine

guanidylaminovaleric acid

USE arginine

GUANINEUF *aminohypoxanthine*

*BT1 amines

*BT1 hydroxy compounds

*BT1 purines

RT guanosine

RT guanylic acid

GUANOSINE

*BT1 nucleosides

*BT1 purines

RT guanine

RT guanylic acid

GUANYLIC ACID

*BT1 nucleotides

RT guanine

RT guanosine

guard logging

INIS: 2000-06-27; ETDE: 1979-05-02

USE resistivity logging

guards

INIS: 1983-06-30; ETDE: 1981-01-27

USE security personnel

GUATEMALA

*BT1 central america

BT1 developing countries

GUAYULE

INIS: 2000-04-12; ETDE: 1980-01-15

UF *parthenium argentatum*

*BT1 rubber trees

RT natural rubber

guidance (electronic)

USE electronic guidance

GUIDE TUBES

INIS: 1986-02-28; ETDE: 1990-11-20

Tubes which are a part of a reactor core and serve as guides for control rods or monitoring instruments.

BT1 tubes

RT control elements

RT fuel assemblies

guidelines

USE recommendations

guides (shaft)

INIS: 2000-04-12; ETDE: 1983-05-21

USE shaft guides

GUIDING-CENTER**APPROXIMATION**

*BT1 approximations

RT charged particles

RT magnetic fields

RT motion

RT plasma

RT rotation

GUILLEMINITE

2000-04-12

*BT1 oxide minerals

*BT1 uranium minerals

RT selenium oxides

RT uranium oxides

GUINEA

INIS: 1992-06-04; ETDE: 1980-08-12

BT1 africa

RT niger river

GUINEA-BISSAU

2019-01-22

BT1 africa

GUINEA PIGS

*BT1 rodents

GUINIER-PRESTON ZONES

BT1 zones

RT crystal structure

RT phase transformations

RT segregation

gulf coast

INIS: 2000-04-12; ETDE: 1979-12-10

(Prior to January 1992 this was a valid ETDE descriptor.)

USE us gulf coast

gulf general atomic fast breeder reactor

1993-11-08

USE gcf reactor

gulf general atomic triga-mk-3

USE gulf triga-mk-3 reactor

GULF HDS PROCESS

INIS: 2000-04-12; ETDE: 1982-05-12

*Fixed-bed catalytic hydrogenation process.**Primary reactions are desulfurization, demetallization, denitrogenation, and upgrading of asphaltenes.*

*BT1 desulfurization

*BT1 hydrogenation

*BT1 refining

GULF OF ALASKA

INIS: 1992-06-04; ETDE: 1976-04-19

UF *cook inlet*

*BT1 pacific ocean

GULF OF CALIFORNIA

INIS: 1992-06-04; ETDE: 1975-11-11

*BT1 pacific ocean

GULF OF MAINE

1975-12-09

*BT1 atlantic ocean

RT massachusetts

RT new hampshire

GULF OF MEXICO

1997-06-17

*BT1 caribbean sea

NT1 galveston bay

NT1 san antonio bay

RT us gulf coast

GULF OF SUEZ

INIS: 1992-06-04; ETDE: 1976-01-07

*BT1 red sea

GULF STREAM

INIS: 1992-02-18; ETDE: 1977-06-21

UF *florida current*

*BT1 water currents

RT atlantic ocean

RT mid-atlantic bight

GULF TRIGA-MK-3 REACTOR*Gulf General Atomics, San Diego, California, USA. Shut down in 1975; decommissioned.*UF *gulf general atomic triga-mk-3*UF *triga-3-gulf reactor*

*BT1 isotope production reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 training reactors

*BT1 triga type reactors

GUM ACACIAUF *gum arabic*

*BT1 polysaccharides

RT arabinose

gum arabic

USE gum acacia

gummite

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE oxide minerals

USE uranium minerals

GUMS

2000-04-12

RT colloids

gun cotton

USE nitrocellulose

gundremmingen-1 reactor

INIS: 1975-08-20; ETDE: 2002-06-13

USE rwe-bayernwerk reactor

GUNDREMMINGEN-2 REACTOR

1975-08-20

Gundremmingen, Federal Republic of Germany.

UF krb ii-b reactor

UF rwe-bayernwerk-b reactor

*BT1 bwr type reactors

GUNDREMMINGEN-3 REACTOR

1975-08-20

Gundremmingen, Federal Republic of Germany.

UF krb ii-c reactor

UF rwe-bayernwerk-c reactor

*BT1 bwr type reactors

gundremminger krb reactor

INIS: 2000-04-12; ETDE: 1975-08-19

USE rwe-bayernwerk reactor

GUNNISON RIVER

*BT1 rivers

RT colorado

GUNS

1976-05-05

RT ammunition

RT armor

RT explosives

RT projectiles

guns (electron)

INIS: 1978-04-21; ETDE: 2002-06-13

USE electron guns

guns (plasma)

INIS: 1978-04-21; ETDE: 2002-06-13

USE plasma guns

GUYANA

INIS: 1999-05-05; ETDE: 1981-10-24

Formerly British Guiana; achieved independence in 1966.

UF british guiana

BT1 developing countries

*BT1 south america

GY RANGE

2012-05-30

*BT1 absorbed dose range

NT1 gy range 01-10

NT1 gy range 10-100

NT1 gy range 100-1000

GY RANGE 01-10

2012-05-30

*BT1 gy range

GY RANGE 10-100

2012-05-30

*BT1 gy range

GY RANGE 100-1000

2012-05-30

*BT1 gy range

gymnosperms

INIS: 2000-04-12; ETDE: 1989-01-09

USE pinophyta

GYNECOLOGY*Including obstetrics.*

UF obstetrics

BT1 medicine

RT female genitals

RT pregnancy

RT urogenital system diseases

RT women

GYPSUM

*BT1 sulfate minerals

RT anhydrite

RT calcium sulfates

GYPSUM CEMENTS

UF plaster of paris

*BT1 cements

gypsy moth

USE lymantria dispar

GYRES

2013-12-13

*BT1 water currents

RT seas

RT wind

GYROCONS

INIS: 1981-03-10; ETDE: 1979-05-25

Electron tubes operating by deflection modulation.

BT1 electron tubes

RT klystrons

RT power supplies

RT rf systems

gyroelectric ratio

1996-07-18

(Until July 1996 this was a valid descriptor.)

SEE angular momentum

SEE electric moments

GYROFREQUENCY

UF frequency (gyro)

RT cyclotron frequency

gyromagnetic radius

USE larmor radius

GYROMAGNETIC RATIO

UF g factor (gyromagnetic ratio)

RT angular momentum

RT magnetic moments

GYROSCOPES

RT measuring instruments

RT precession

RT rotation

gyrotrons

INIS: 1995-06-14; ETDE: 1978-04-06

USE microwave amplifiers

H-1 HELIAC

INIS: 1995-09-14; ETDE: 1990-05-16

*BT1 heliac stellarators

RT sheila heliac

h-2050 resonances

INIS: 1987-12-21; ETDE: 1976-11-01

(Prior to December 1987 this was a valid descriptor.)

USE f4-2050 mesons

h-alpha line

USE balmer lines

h-beta line

USE balmer lines

H CENTERS

*BT1 color centers

H-COAL PROCESS

2000-04-12

Hydrocarbon Research, Inc. process for the direct catalytic conversion of whole coal to synthetic crude oil at moderate temperature (950 degrees F) and high pressure (2250-2700 psig).

*BT1 coal liquefaction

H CODES

BT1 computer codes

h-gamma line

USE balmer lines

H-MODE PLASMA CONFINEMENT

INIS: 1996-04-16; ETDE: 1989-10-26

An operational regime in neutral-beam-injection-heated divertor tokamaks.

*BT1 magnetic confinement

RT confinement time

RT divertors

RT edge localized modes

RT l-mode plasma confinement

RT tokamak devices

H-OIL PROCESS

2000-04-12

Method of hydrogenation to upgrade oil shale.

RT oil sands

RT oil shales

H THEOREM

RT boltzmann statistics

RT entropy

H1-1170 MESONS

1995-08-07

(Until July 1995 this concept was indexed by H1-1190 MESONS.)

UF h1-1190 mesons

*BT1 axial vector mesons

h1-1190 mesons

INIS: 1995-08-07; ETDE: 1988-01-28

(Until July 1995 this was a valid term.)

USE h1-1170 mesons

H1 REGIONS

BT1 cosmic radio sources

RT hydrogen

H2 REGIONS

BT1 cosmic radio sources

RT hydrogen ions 1 plus

RT nebulae

haag-araki field theory

INIS: 1977-11-21; ETDE: 1978-03-08

USE algebraic field theory

HAAG THEOREM

RT phi4-field theory

RT quantum field theory

HABIT PLANES

RT crystal lattices

RT phase transformations

HABITAT

INIS: 1991-08-12; ETDE: 1976-11-01

The area or type of environment in which a plant or animal normally occurs or lives.

RT environment

RT habitat fragmentation

RT nests

HABITAT FRAGMENTATION

2013-11-27

Breaking up of an organism's habitat into smaller areas isolated from one another.

RT ecosystems

RT environmental degradation

RT environmental effects

RT habitat

RT home range

habrobracon

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE wasps

HACHIMANTAI

INIS: 2000-04-12; ETDE: 1978-04-05

*BT1 japan

RT matsukawa geothermal field

RT onuma geothermal field

RT takinoue geothermal field
RT volcanic regions

haddam neck reactor

USE connecticut yankee reactor

HADES DETECTOR

2017-11-01

High Acceptance Di-Electron Spectrometer

UF hades experiment
UF high acceptance spectrometer
*BT1 radiation detectors
RT fair accelerator complex

hades experiment

2017-11-01

USE hades detector

HADES UNDERGROUND RESEARCH FACILITY

2005-03-18

Experimental site for disposal of high-level radioactive waste in boom clay formation at Mol, Belgium.

*BT1 radioactive waste facilities
BT1 underground facilities
RT boom clay

HADRON-HADRON INTERACTIONS

*BT1 particle interactions

NT1 baryon-baryon interactions

NT2 hyperon-hyperon interactions

NT2 nucleon-antinucleon interactions

NT3 antiproton-neutron interactions

NT3 neutron-antineutron interactions

NT3 proton-antineutron interactions

NT3 proton-antiproton interactions

NT2 nucleon-deuteron interactions

NT3 proton-deuteron interactions

NT2 nucleon-hyperon interactions

NT2 nucleon-nucleon interactions

NT3 neutron-neutron interactions

NT3 proton-nucleon interactions

NT4 proton-neutron interactions

NT4 proton-proton interactions

NT1 meson-baryon interactions

NT2 meson-hyperon interactions

NT3 kaon-hyperon interactions

NT3 pion-hyperon interactions

NT2 meson-nucleon interactions

NT3 kaon-nucleon interactions

NT4 kaon-neutron interactions

NT5 kaon minus-neutron

interactions

NT5 kaon neutral-neutron

interactions

NT5 kaon plus-neutron interactions

NT4 kaon-proton interactions

NT5 kaon minus-proton

interactions

NT5 kaon neutral-proton

interactions

NT5 kaon plus-proton interactions

NT3 pion-nucleon interactions

NT4 pion-neutron interactions

NT5 pion minus-neutron

interactions

NT5 pion plus-neutron interactions

NT4 pion-proton interactions

NT5 pion minus-proton interactions

NT5 pion plus-proton interactions

NT1 meson-meson interactions

NT2 kaon-kaon interactions

NT2 pion-kaon interactions

NT2 pion-pion interactions

RT electromagnetic interactions

RT strong interactions

HADRON REACTIONS

BT1 nuclear reactions

NT1 baryon reactions

NT2 hyperon reactions

NT2 nucleon reactions

NT3 antinucleon reactions

NT4 antineutron reactions

NT4 antiproton reactions

NT3 neutron reactions

NT4 fast fission

NT4 thermal fission

NT3 proton reactions

NT1 meson reactions

NT2 kaon reactions

NT3 kaon minus reactions

NT3 kaon neutral reactions

NT3 kaon plus reactions

NT2 pion reactions

NT3 pion minus reactions

NT3 pion plus reactions

RT space-time model

HADRONIC ATOMS

Atoms with a hadron such as an antiproton or a sigma-minus particle bound in atomic orbits.

UF antiprotonic atoms

UF exotic atoms

UF sigma-minus atoms

BT1 atoms

NT1 mesic atoms

NT2 kaonic atoms

NT2 pionic atoms

NT1 protonium

hadronic clusters

INIS: 2000-04-12; ETDE: 1978-06-14

USE cluster emission model

HADRONIC PARTICLE DECAY

INIS: 1978-02-23; ETDE: 1978-04-28

Particle decay due to hadronic interaction.

*BT1 particle decay

RT strong interactions

HADRONS

UF j-parc hadron experimental facility

BT1 elementary particles

NT1 baryons

NT2 antibaryons

NT3 antihyperons

NT4 antilambda particles

NT4 antiomega particles

NT4 antisigma particles

NT4 antixi particles

NT3 antinucleons

NT4 antineutrons

NT4 antiprotons

NT2 beauty baryons

NT3 lambda b neutral baryons

NT2 charmed baryons

NT3 lambda b c-2625 baryons

NT3 lambda b c plus baryons

NT3 omega c neutral baryons

NT3 sigma c-2455 baryons

NT3 xi c neutral baryons

NT3 xi c plus baryons

NT2 dibaryons

NT3 dineutrons

NT3 diprotons

NT3 lambda-b-n-2130 dibaryons

NT3 nn-2170 dibaryons

NT3 nn-2250 dibaryons

NT2 hyperons

NT3 antihyperons

NT4 antilambda particles

NT4 antiomega particles

NT4 antisigma particles

NT4 antixi particles

NT3 lambda baryons

NT4 lambda-1405 baryons

NT4 lambda-1520 baryons

NT4 lambda-1600 baryons

NT4 lambda-1670 baryons

NT4 lambda-1690 baryons

NT4 lambda-1800 baryons

NT4 lambda-1810 baryons

NT4 lambda-1820 baryons

NT4 lambda-1830 baryons

NT4 lambda-1890 baryons

NT4 lambda-2100 baryons

NT4 lambda-2110 baryons

NT4 lambda particles

NT5 antilambda particles

NT3 lambda-b-n-2130 dibaryons

NT3 omega baryons

NT4 omega-2250 baryons

NT4 omega particles

NT5 antiomega particles

NT5 omega minus particles

NT3 sigma baryons

NT4 sigma-1385 baryons

NT4 sigma-1660 baryons

NT4 sigma-1670 baryons

NT4 sigma-1750 baryons

NT4 sigma-1770 baryons

NT4 sigma-1775 baryons

NT4 sigma-1915 baryons

NT4 sigma-1940 baryons

NT4 sigma-2030 baryons

NT4 sigma-2455 baryons

NT4 sigma particles

NT5 antisigma particles

NT5 sigma minus particles

NT5 sigma neutral particles

NT5 sigma plus particles

NT3 xi baryons

NT4 xi-1530 baryons

NT4 xi-1690 baryons

NT4 xi-1820 baryons

NT4 xi-1950 baryons

NT4 xi-2030 baryons

NT4 xi-2250 baryons

NT4 xi-2500 baryons

NT4 xi particles

NT5 antixi particles

NT5 xi minus particles

NT5 xi neutral particles

NT3 z*baryons

NT2 n*baryons

NT3 delta baryons

NT4 delta-1232 baryons

NT4 delta-1600 baryons

NT4 delta-1620 baryons

NT4 delta-1700 baryons

NT4 delta-1900 baryons

NT4 delta-1905 baryons

NT4 delta-1910 baryons

NT4 delta-1920 baryons

NT4 delta-1930 baryons

NT4 delta-1950 baryons

NT4 delta-2000 baryons

NT4 delta-2150 baryons

NT4 delta-2200 baryons

NT4 delta-2400 baryons

NT4 delta-2420 baryons

NT4 delta-3000 baryons

NT3 n baryons

NT4 n-1440 baryons

NT4 n-1520 baryons

NT4 n-1535 baryons

NT4 n-1650 baryons

NT4 n-1675 baryons

NT4 n-1680 baryons

NT4 n-1700 baryons

NT4 n-1710 baryons

NT4 n-1720 baryons

NT4 n-1960 baryons

NT4 n-1990 baryons

NT4 n-2000 baryons

NT4 n-2080 baryons

NT4 n-2100 baryons

NT4 n-2190 baryons	NT3 upsilon-10860 mesons	NT3 f0-1730 mesons
NT4 n-2250 baryons	NT3 upsilon-11020 mesons	NT3 f0-980 mesons
NT4 n-3000 baryons	NT3 upsilon-9460 mesons	NT3 k*0-1430 mesons
NT2 nucleons	NT2 charmed mesons	NT2 strange mesons
NT3 antinucleons	NT3 b c mesons	NT3 b s mesons
NT4 antineutrons	NT3 d mesons	NT3 d s-2536 mesons
NT4 antiprotons	NT4 d minus mesons	NT3 d s mesons
NT3 neutrons	NT4 d neutral mesons	NT3 d*s-2110 mesons
NT4 antineutrons	NT5 anti-d neutral mesons	NT3 k-1460 mesons
NT4 beta-delayed neutrons	NT4 d plus mesons	NT3 k-1830 mesons
NT4 cold neutrons	NT3 d s-2536 mesons	NT3 k*-1410 mesons
NT5 ultracold neutrons	NT3 d s mesons	NT3 k*-1680 mesons
NT4 cosmic neutrons	NT3 d*-2010 mesons	NT3 k*-892 mesons
NT4 epithermal neutrons	NT3 d*2-2460 mesons	NT3 k*0-1430 mesons
NT4 fast neutrons	NT3 d*s-2110 mesons	NT3 k*2-1430 mesons
NT4 fission neutrons	NT3 d1-2420 mesons	NT3 k*3-1780 mesons
NT5 delayed neutrons	NT2 charmonium	NT3 k*4-2045 mesons
NT5 prompt neutrons	NT3 chi0-3415 mesons	NT3 k1-1270 mesons
NT4 intermediate neutrons	NT3 chi1-3510 mesons	NT3 k1-1400 mesons
NT4 photoneutrons	NT3 chi2-3555 mesons	NT3 k2-1770 mesons
NT4 pile neutrons	NT3 eta c-2980 mesons	NT3 k2-1820 mesons
NT4 polynutrons	NT3 eta c-3590 mesons	NT3 kaons
NT5 dineutrons	NT3 j psi-3097 mesons	NT4 antikaons
NT5 tetra-neutrons	NT3 psi-3685 mesons	NT5 antikaons neutral
NT5 trineutrons	NT3 psi-3770 mesons	NT4 cosmic kaons
NT4 resonance neutrons	NT3 psi-4040 mesons	NT4 kaons minus
NT4 slow neutrons	NT3 psi-4160 mesons	NT4 kaons neutral
NT4 solar neutrons	NT3 psi-4415 mesons	NT5 antikaons neutral
NT4 thermal neutrons	NT2 phi mesons	NT5 kaons neutral long-lived
NT3 photonucleons	NT3 phi-1020 mesons	NT5 kaons neutral short-lived
NT4 photoneutrons	NT3 phi-1680 mesons	NT4 kaons plus
NT4 photoprotons	NT3 phi3-1850 mesons	NT2 strangeonium
NT3 protons	NT2 pseudoscalar mesons	NT3 f2 prime-1525 mesons
NT4 antiprotons	NT3 b c mesons	NT2 tensor mesons
NT4 cosmic protons	NT3 b mesons	NT3 a2-1320 mesons
NT4 delayed protons	NT4 b minus mesons	NT3 a4-2040 mesons
NT4 diprotons	NT4 b neutral mesons	NT3 a6-2450 mesons
NT4 photoprotons	NT5 anti-b neutral mesons	NT3 chi b2-9915 mesons
NT4 prompt protons	NT4 b plus mesons	NT3 chi2-3555 mesons
NT4 solar protons	NT3 b s mesons	NT3 d*2-2460 mesons
NT4 trapped protons	NT3 d mesons	NT3 f2-1270 mesons
NT1 mesons	NT4 d minus mesons	NT3 f2-1430 mesons
NT2 antimesons	NT4 d neutral mesons	NT3 f2-1720 mesons
NT3 pseudoscalar antimesons	NT5 anti-d neutral mesons	NT3 f2-1810 mesons
NT4 anti-b neutral mesons	NT4 d plus mesons	NT3 f2-2010 mesons
NT4 anti-d neutral mesons	NT3 d s mesons	NT3 f2-2300 mesons
NT2 axial vector mesons	NT3 eta-1295 mesons	NT3 f2-2340 mesons
NT3 a1-1260 mesons	NT3 eta-1440 mesons	NT3 f2 prime-1525 mesons
NT3 b1-1235 mesons	NT3 eta c-2980 mesons	NT3 f4-2050 mesons
NT3 chi b1-9890 mesons	NT3 eta mesons	NT3 f4-2300 mesons
NT3 chi1-3510 mesons	NT3 eta prime-958 mesons	NT3 f6-2510 mesons
NT3 d s-2536 mesons	NT3 k-1460 mesons	NT3 k*2-1430 mesons
NT3 d1-2420 mesons	NT3 k-1830 mesons	NT3 k*3-1780 mesons
NT3 f1-1285 mesons	NT3 kaons	NT3 k*4-2045 mesons
NT3 f1-1420 mesons	NT4 antikaons	NT3 k2-1770 mesons
NT3 f1-1510 mesons	NT5 antikaons neutral	NT3 k2-1820 mesons
NT3 h1-1170 mesons	NT4 cosmic kaons	NT3 omega3-1670 mesons
NT3 k1-1270 mesons	NT4 kaons minus	NT3 phi3-1850 mesons
NT3 k1-1400 mesons	NT4 kaons neutral	NT3 pi2-1670 mesons
NT2 baryonium	NT5 antikaons neutral	NT3 pi2-2100 mesons
NT2 beauty mesons	NT5 kaons neutral long-lived	NT3 rho3-1690 mesons
NT3 b c mesons	NT5 kaons neutral short-lived	NT3 rho3-2250 mesons
NT3 b mesons	NT4 kaons plus	NT3 rho5-2350 mesons
NT4 b minus mesons	NT3 pi-1300 mesons	NT2 toponium
NT4 b neutral mesons	NT3 pi-1770 mesons	NT2 vector mesons
NT5 anti-b neutral mesons	NT3 pions	NT3 b*-5325 mesons
NT4 b plus mesons	NT4 cosmic pions	NT3 d*-2010 mesons
NT3 b s mesons	NT4 pions minus	NT3 j psi-3097 mesons
NT3 b*-5325 mesons	NT4 pions neutral	NT3 k*-1410 mesons
NT2 bottomonium	NT4 pions plus	NT3 k*-1680 mesons
NT3 chi b0-10235 mesons	NT3 pseudoscalar antimesons	NT3 k*-892 mesons
NT3 chi b0-9860 mesons	NT4 anti-b neutral mesons	NT3 omega-1420 mesons
NT3 chi b1-10255 mesons	NT4 anti-d neutral mesons	NT3 omega-1600 mesons
NT3 chi b1-9890 mesons	NT2 scalar mesons	NT3 omega-782 mesons
NT3 chi b2-10270 mesons	NT3 a0-980 mesons	NT3 phi-1020 mesons
NT3 chi b2-9915 mesons	NT3 chi0-3415 mesons	NT3 phi-1680 mesons
NT3 upsilon-10023 mesons	NT3 f0-1240 mesons	NT3 psi-3685 mesons
NT3 upsilon-10355 mesons	NT3 f0-1300 mesons	NT3 psi-3770 mesons
NT3 upsilon-10580 mesons	NT3 f0-1590 mesons	NT3 psi-4040 mesons

NT3 psi-4160 mesons
NT3 psi-4415 mesons
NT3 rho-1450 mesons
NT3 rho-1700 mesons
NT3 rho-2150 mesons
NT3 rho-770 mesons
NT3 upsilon-10023 mesons
NT3 upsilon-10355 mesons
NT3 upsilon-10580 mesons
NT3 upsilon-10860 mesons
NT3 upsilon-11020 mesons
NT3 upsilon-9460 mesons
NT2 x-1700 mesons
NT2 x-1935 mesons
NT2 x-2220 mesons
NT2 x-3075 mesons
NT1 resonance particles
NT2 exotic resonances
RT centauro-type events
RT charm particles
RT cim model
RT melosh transformation

haem dehydrogenases

INIS: 2000-04-12; ETDE: 1981-01-12

Code number 1.9.

(Prior to February 1997 this was a valid ETDE descriptor.)

USE oxidoreductases

HAEMOPHILUS

UF *hemophilus*
***BT1** bacteria

HAFNATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

***BT1** hafnium compounds
BT1 oxygen compounds
RT hafnium oxides

HAFNIUM

***BT1** refractory metals
***BT1** transition elements
NT1 hafnium-alpha
NT1 hafnium-beta

HAFNIUM 153

2007-11-01

***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei

HAFNIUM 154

INIS: 1986-05-05; ETDE: 1986-07-03

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** seconds living radioisotopes

HAFNIUM 155

INIS: 1986-05-05; ETDE: 1986-07-03

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** milliseconds living radioisotopes

HAFNIUM 156

INIS: 1979-09-18; ETDE: 1979-10-23

***BT1** alpha decay radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** isomeric transition isotopes
***BT1** microseconds living radioisotopes
***BT1** milliseconds living radioisotopes

HAFNIUM 157

***BT1** alpha decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** milliseconds living radioisotopes

HAFNIUM 158

***BT1** alpha decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** seconds living radioisotopes

HAFNIUM 159

***BT1** alpha decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** seconds living radioisotopes

HAFNIUM 160

***BT1** alpha decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** seconds living radioisotopes

HAFNIUM 161

***BT1** alpha decay radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** seconds living radioisotopes

HAFNIUM 162

INIS: 1982-06-09; ETDE: 1982-02-08

***BT1** alpha decay radioisotopes
***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** seconds living radioisotopes

HAFNIUM 163

INIS: 1980-12-01; ETDE: 1980-08-25

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** seconds living radioisotopes

HAFNIUM 164

INIS: 1982-04-14; ETDE: 1982-02-08

***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** minutes living radioisotopes

HAFNIUM 165

INIS: 1982-06-09; ETDE: 1982-07-08

***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** minutes living radioisotopes

HAFNIUM 166

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** minutes living radioisotopes

HAFNIUM 167

***BT1** beta-plus decay radioisotopes

***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** minutes living radioisotopes

HAFNIUM 168

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** minutes living radioisotopes

HAFNIUM 169

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** minutes living radioisotopes

HAFNIUM 170

***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** hours living radioisotopes
***BT1** intermediate mass nuclei

HAFNIUM 171

***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** hours living radioisotopes
***BT1** intermediate mass nuclei

HAFNIUM 172

***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** years living radioisotopes

HAFNIUM 173

***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** hours living radioisotopes
***BT1** intermediate mass nuclei

HAFNIUM 174

***BT1** alpha decay radioisotopes
***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** years living radioisotopes

HAFNIUM 174 TARGET

INIS: 1977-09-15; ETDE: 1977-05-07

BT1 targets

HAFNIUM 175

***BT1** days living radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei

HAFNIUM 176

***BT1** even-even nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** stable isotopes

HAFNIUM 176 TARGET

INIS: 1976-04-03; ETDE: 1976-07-12

BT1 targets

HAFNIUM 177

***BT1** even-odd nuclei
***BT1** hafnium isotopes
***BT1** intermediate mass nuclei
***BT1** isomeric transition isotopes

- *BT1 minutes living radioisotopes
- *BT1 seconds living radioisotopes
- *BT1 stable isotopes

HAFNIUM 177 TARGET*ETDE: 1976-07-09*

- BT1 targets

HAFNIUM 178

- *BT1 even-even nuclei
- *BT1 hafnium isotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 seconds living radioisotopes
- *BT1 stable isotopes
- *BT1 years living radioisotopes

HAFNIUM 178 TARGET*ETDE: 1976-07-09*

- BT1 targets

HAFNIUM 179

- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 hafnium isotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 seconds living radioisotopes
- *BT1 stable isotopes

HAFNIUM 179 TARGET*ETDE: 1976-07-09*

- BT1 targets

HAFNIUM 180

- *BT1 even-even nuclei
- *BT1 hafnium isotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 stable isotopes

HAFNIUM 180 TARGET*ETDE: 1976-07-09*

- BT1 targets

HAFNIUM 181

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 hafnium isotopes
- *BT1 heavy nuclei

HAFNIUM 182

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hafnium isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 years living radioisotopes

HAFNIUM 183

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hafnium isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes

HAFNIUM 184

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hafnium isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes

HAFNIUM 185

- *BT1 even-odd nuclei
- *BT1 hafnium isotopes
- *BT1 heavy nuclei

HAFNIUM 186

- *BT1 even-even nuclei
- *BT1 hafnium isotopes
- *BT1 heavy nuclei

HAFNIUM 187*2007-11-01*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hafnium isotopes
- *BT1 heavy nuclei
- *BT1 seconds living radioisotopes

HAFNIUM 188*2007-11-01*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hafnium isotopes
- *BT1 heavy nuclei
- *BT1 seconds living radioisotopes

HAFNIUM ADDITIONS*2000-04-10**Alloys containing not more than 1% Hf are listed here.*

- *BT1 hafnium alloys
- NT1 astar 811c

HAFNIUM ALLOYS*1995-02-27**Alloys containing more than 1% Hf.*

- *BT1 transition element alloys
- NT1 alloy-c-103
- NT1 alloy-ta90w8hf
- NT2 tantalum alloy-t111
- NT1 hafnium additions
- NT2 astar 811c
- NT1 hafnium base alloys

HAFNIUM-ALPHA

- *BT1 hafnium

HAFNIUM ARSENIDES*INIS: 2000-04-12; ETDE: 1984-06-14*

- *BT1 arsenides
- *BT1 hafnium compounds

HAFNIUM BASE ALLOYS

- *BT1 hafnium alloys

HAFNIUM-BETA

- *BT1 hafnium

HAFNIUM BORIDES

- *BT1 borides
- *BT1 hafnium compounds

HAFNIUM BROMIDES

- *BT1 bromides
- *BT1 hafnium halides

HAFNIUM CARBIDES

- *BT1 carbides
- *BT1 hafnium compounds

HAFNIUM CHLORIDES

- *BT1 chlorides
- *BT1 hafnium halides

HAFNIUM COMPLEXES

- *BT1 transition element complexes

HAFNIUM COMPOUNDS*1997-06-17*

- BT1 refractory metal compounds
- BT1 transition element compounds
- NT1 hafnates
- NT1 hafnium arsenides
- NT1 hafnium borides
- NT1 hafnium carbides
- NT1 hafnium halides
- NT2 hafnium bromides
- NT2 hafnium chlorides

- NT2 hafnium fluorides

- NT2 hafnium iodides

- NT1 hafnium hydrides

- NT1 hafnium hydroxides

- NT1 hafnium nitrates

- NT1 hafnium nitrides

- NT1 hafnium oxides

- NT1 hafnium perchlorates

- NT1 hafnium phosphates

- NT1 hafnium phosphides

- NT1 hafnium selenides

- NT1 hafnium silicates

- NT1 hafnium silicides

- NT1 hafnium sulfates

- NT1 hafnium sulfides

- NT1 hafnium tellurides

- NT1 hafnium tungstates

HAFNIUM FLUORIDES

- *BT1 fluorides

- *BT1 hafnium halides

HAFNIUM HALIDES*2012-07-19*

- *BT1 hafnium compounds

- *BT1 halides

- NT1 hafnium bromides

- NT1 hafnium chlorides

- NT1 hafnium fluorides

- NT1 hafnium iodides

HAFNIUM HYDRIDES

- *BT1 hafnium compounds

- *BT1 hydrides

HAFNIUM HYDROXIDES

- *BT1 hafnium compounds

- *BT1 hydroxides

HAFNIUM IODIDES

- *BT1 hafnium halides

- *BT1 iodides

HAFNIUM IONS

- *BT1 ions

HAFNIUM ISOTOPES*1999-07-16*

- BT1 isotopes

- NT1 hafnium 153

- NT1 hafnium 154

- NT1 hafnium 155

- NT1 hafnium 156

- NT1 hafnium 157

- NT1 hafnium 158

- NT1 hafnium 159

- NT1 hafnium 160

- NT1 hafnium 161

- NT1 hafnium 162

- NT1 hafnium 163

- NT1 hafnium 164

- NT1 hafnium 165

- NT1 hafnium 166

- NT1 hafnium 167

- NT1 hafnium 168

- NT1 hafnium 169

- NT1 hafnium 170

- NT1 hafnium 171

- NT1 hafnium 172

- NT1 hafnium 173

- NT1 hafnium 174

- NT1 hafnium 175

- NT1 hafnium 176

- NT1 hafnium 177

- NT1 hafnium 178

- NT1 hafnium 179

- NT1 hafnium 180

- NT1 hafnium 181

- NT1 hafnium 182

- NT1 hafnium 183

- NT1 hafnium 184

NT1 hafnium 185
NT1 hafnium 186
NT1 hafnium 187
NT1 hafnium 188

HAFNIUM NITRATES

*BT1 hafnium compounds
 *BT1 nitrates

HAFNIUM NITRIDES

*BT1 hafnium compounds
 *BT1 nitrides

HAFNIUM OXIDES

*BT1 hafnium compounds
 *BT1 oxides
RT baddeleyite
RT hafnates
RT oxide minerals

HAFNIUM PERCHLORATES

INIS: 1991-09-16; ETDE: 1980-03-04
 *BT1 hafnium compounds
 *BT1 perchlorates

HAFNIUM PHOSPHATES

*BT1 hafnium compounds
 *BT1 phosphates

HAFNIUM PHOSPHIDES

INIS: 1991-09-16; ETDE: 1979-02-23
 *BT1 hafnium compounds
 *BT1 phosphides

HAFNIUM SELENIDES

*BT1 hafnium compounds
 *BT1 selenides

HAFNIUM SILICATES

*BT1 hafnium compounds
 *BT1 silicates

HAFNIUM SILICIDES

1979-04-27
 *BT1 hafnium compounds
 *BT1 silicides

HAFNIUM SULFATES

*BT1 hafnium compounds
 *BT1 sulfates

HAFNIUM SULFIDES

*BT1 hafnium compounds
 *BT1 sulfides

HAFNIUM TELLURIDES

INIS: 1985-09-06; ETDE: 1978-09-11
 *BT1 hafnium compounds
 *BT1 tellurides

HAFNIUM TUNGSTATES

INIS: 1996-07-18; ETDE: 1978-03-03
 (From July 1996 to February 2008 HAFNIUM COMPOUNDS + TUNGSTATES was used for this concept.)
 *BT1 hafnium compounds
 *BT1 tungstates

hahn-meitner vicksi accelerator

INIS: 1993-11-08; ETDE: 2002-06-13
 USE vicksi accelerator

hahnium

INIS: 1984-06-21; ETDE: 2002-06-13
 USE dubnium

HAIL

BT1 atmospheric precipitations
RT ice
RT weather

haines process

INIS: 2000-04-12; ETDE: 1977-01-28
 An adsorption process for desulfurization and sulfur recovery which uses alkali metal aluminosilicates.
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE desulfurization

HAIR

*BT1 skin
RT epilation
RT hair follicles
RT melanin

HAIR FOLLICLES

1975-09-16
 BT1 animal cells
 *BT1 skin
RT epithelium
RT hair

HAITI

INIS: 1988-04-15; ETDE: 1979-09-26
 BT1 developing countries
 *BT1 hispaniola
 BT1 latin america

haizy

INIS: 2000-04-12; ETDE: 1983-03-24
 (Prior to July 1985, this was a valid ETDE descriptor.)
 USE haizy cyclotron

HAIZY CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-07-07
 Hamburg isochronous cyclotron.
UF haizy
 *BT1 isochronous cyclotrons

halden heavy boiling water reactor

1993-11-08
 USE hbwr reactor

halex process

2000-04-12
 (Prior to March 1996 this was a valid ETDE descriptor.)
 USE purex process

HALF-LIFE

UF halftime
RT days living radioisotopes
RT decay
RT ft value
RT geiger-nuttall law
RT hours living radioisotopes
RT lifetime
RT microseconds living radioisotopes
RT milliseconds living radioisotopes
RT minutes living radioisotopes
RT nanoseconds living radioisotopes
RT radioisotope generators
RT residence half-time
RT seconds living radioisotopes
RT years living radioisotopes

half-life (biological)

USE biological half-life

half-life (effective)

USE biological half-life

HALF-THICKNESS

Thickness of material which reduces the intensity of a beam of radiation passing through it to one-half its initial value.
 BT1 physical properties
RT absorption
RT radiation length
RT radiation protection
RT radiation quality

RT shielding
RT thickness

halfbeak event

INIS: 1994-10-14; ETDE: 1977-01-10
 A test made during OPERATION FLINTLOCK.
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE nuclear explosions
 USE underground explosions

halftime

USE half-life

HALIDE MINERALS

INIS: 1996-07-08; ETDE: 1982-05-12
UF schroeckingerite
 BT1 minerals
NT1 carnallite
NT1 fluorite
NT1 halite
RT calcium fluorides
RT magnesium chlorides
RT potassium chlorides

HALIDES

UF acid halides
 BT1 halogen compounds
NT1 actinium halides
 NT2 actinium bromides
 NT2 actinium chlorides
 NT2 actinium fluorides
NT1 aluminium halides
 NT2 aluminium bromides
 NT2 aluminium chlorides
 NT2 aluminium fluorides
 NT2 aluminium iodides
NT1 americium halides
 NT2 americium bromides
 NT2 americium chlorides
 NT2 americium fluorides
 NT2 americium iodides
NT1 ammonium halides
 NT2 ammonium chlorides
 NT2 ammonium fluorides
NT1 antimony halides
 NT2 antimony bromides
 NT2 antimony chlorides
 NT2 antimony fluorides
 NT2 antimony iodides
NT1 argon halides
 NT2 argon chlorides
 NT2 argon fluorides
 NT2 argon iodides
NT1 arsenic halides
 NT2 arsenic bromides
 NT2 arsenic chlorides
 NT2 arsenic fluorides
 NT2 arsenic iodides
NT1 astatine halides
 NT2 astatine bromides
 NT2 astatine chlorides
 NT2 astatine iodides
NT1 barium halides
 NT2 barium bromides
 NT2 barium chlorides
 NT2 barium fluorides
 NT2 barium iodides
NT1 berkelium halides
 NT2 berkelium bromides
 NT2 berkelium chlorides
 NT2 berkelium fluorides
NT1 beryllium halides
 NT2 beryllium bromides
 NT2 beryllium chlorides
 NT2 beryllium fluorides
 NT2 beryllium iodides
NT1 bismuth halides
 NT2 bismuth bromides

NT2	bismuth chlorides	NT2	strontium bromides	NT2	gallium chlorides
NT2	bismuth fluorides	NT2	tantalum bromides	NT2	germanium chlorides
NT2	bismuth iodides	NT2	technetium bromides	NT2	gold chlorides
NT1	boron halides	NT2	tellurium bromides	NT2	hafnium chlorides
NT2	boron bromides	NT2	terbium bromides	NT2	helium chlorides
NT2	boron chlorides	NT2	thallium bromides	NT2	holmium chlorides
NT2	boron fluorides	NT2	thorium bromides	NT2	hydrogen chlorides
NT2	boron iodides	NT2	thulium bromides	NT2	indium chlorides
NT1	bromides	NT2	tin bromides	NT2	iodine chlorides
NT2	actinium bromides	NT2	titanium bromides	NT2	iridium chlorides
NT2	aluminium bromides	NT2	tungsten bromides	NT2	iron chlorides
NT2	americium bromides	NT2	uranium bromides	NT2	krypton chlorides
NT2	antimony bromides	NT2	vanadium bromides	NT2	lanthanum chlorides
NT2	arsenic bromides	NT2	xenon bromides	NT2	lead chlorides
NT2	astatine bromides	NT2	ytterbium bromides	NT2	lithium chlorides
NT2	barium bromides	NT2	yttrium bromides	NT2	lutetium chlorides
NT2	berkelium bromides	NT2	zinc bromides	NT2	magnesium chlorides
NT2	beryllium bromides	NT2	zirconium bromides	NT2	manganese chlorides
NT2	bismuth bromides	NT1	bromine halides	NT2	mercury chlorides
NT2	boron bromides	NT2	bromine chlorides	NT2	methylene blue
NT2	cadmium bromides	NT2	bromine fluorides	NT2	molybdenum chlorides
NT2	calcium bromides	NT1	cadmium halides	NT2	neodymium chlorides
NT2	californium bromides	NT2	cadmium bromides	NT2	neon chlorides
NT2	cerium bromides	NT2	cadmium chlorides	NT2	neptunium chlorides
NT2	cesium bromides	NT2	cadmium fluorides	NT2	nickel chlorides
NT2	chromium bromides	NT2	cadmium iodides	NT2	niobium chlorides
NT2	cobalt bromides	NT1	calcium halides	NT2	nitrogen chlorides
NT2	copper bromides	NT2	calcium bromides	NT2	osmium chlorides
NT2	curium bromides	NT2	calcium chlorides	NT2	palladium chlorides
NT2	dysprosium bromides	NT2	calcium chlorides	NT2	phosphorus chlorides
NT2	einsteinium bromides	NT2	calcium iodides	NT2	platinum chlorides
NT2	erbium bromides	NT1	californium halides	NT2	plutonium chlorides
NT2	europium bromides	NT2	californium bromides	NT2	polonium chlorides
NT2	fermium bromides	NT2	californium chlorides	NT2	potassium chlorides
NT2	gadolinium bromides	NT2	californium fluorides	NT2	praseodymium chlorides
NT2	gallium bromides	NT2	californium iodides	NT2	promethium chlorides
NT2	germanium bromides	NT1	carbon halides	NT2	protactinium chlorides
NT2	gold bromides	NT2	carbon fluorides	NT2	radium chlorides
NT2	hafnium bromides	NT1	cerium halides	NT2	rhodium chlorides
NT2	holmium bromides	NT2	cerium bromides	NT2	rhodium chlorides
NT2	hydrogen bromides	NT2	cerium chlorides	NT2	rubidium chlorides
NT2	indium bromides	NT2	cerium fluorides	NT2	ruthenium chlorides
NT2	iodine bromides	NT2	cerium iodides	NT2	rutherfordium chlorides
NT2	iron bromides	NT1	cesium halides	NT2	samarium chlorides
NT2	krypton bromides	NT2	cesium bromides	NT2	scandium chlorides
NT2	lanthanum bromides	NT2	cesium chlorides	NT2	selenium chlorides
NT2	lead bromides	NT2	cesium fluorides	NT2	silicon chlorides
NT2	lithium bromides	NT2	cesium iodides	NT2	silver chlorides
NT2	lutetium bromides	NT1	chlorides	NT2	sodium chlorides
NT2	magnesium bromides	NT2	actinium chlorides	NT2	strontium chlorides
NT2	manganese bromides	NT2	aluminium chlorides	NT2	sulfur chlorides
NT2	mercury bromides	NT2	americium chlorides	NT2	tantalum chlorides
NT2	molybdenum bromides	NT2	ammonium chlorides	NT2	technetium chlorides
NT2	neodymium bromides	NT2	antimony chlorides	NT2	tellurium chlorides
NT2	neon bromides	NT2	argon chlorides	NT2	terbium chlorides
NT2	neptunium bromides	NT2	arsenic chlorides	NT2	tetrazolium
NT2	nickel bromides	NT2	astatine chlorides	NT2	thallium chlorides
NT2	niobium bromides	NT2	barium chlorides	NT2	thionyl chlorides
NT2	nitrogen bromides	NT2	berkelium chlorides	NT2	thorium chlorides
NT2	palladium bromides	NT2	beryllium chlorides	NT2	thulium chlorides
NT2	phosphorus bromides	NT2	bismuth chlorides	NT2	tin chlorides
NT2	platinum bromides	NT2	boron chlorides	NT2	titanium chlorides
NT2	plutonium bromides	NT2	bromine chlorides	NT2	tungsten chlorides
NT2	polonium bromides	NT2	cadmium chlorides	NT2	uranium chlorides
NT2	potassium bromides	NT2	calcium chlorides	NT2	uranyl chlorides
NT2	praseodymium bromides	NT2	californium chlorides	NT2	vanadium chlorides
NT2	promethium bromides	NT2	cerium chlorides	NT2	xenon chlorides
NT2	protactinium bromides	NT2	cesium chlorides	NT2	ytterbium chlorides
NT2	radium bromides	NT2	chromium chlorides	NT2	yttrium chlorides
NT2	rhodium bromides	NT2	cobalt chlorides	NT2	zinc chlorides
NT2	rhodium bromides	NT2	copper chlorides	NT2	zirconium chlorides
NT2	rubidium bromides	NT2	curium chlorides	NT1	chlorine halides
NT2	ruthenium bromides	NT2	dysprosium chlorides	NT2	chlorine fluorides
NT2	samarium bromides	NT2	einsteinium chlorides	NT1	chromium halides
NT2	scandium bromides	NT2	erbium chlorides	NT2	chromium bromides
NT2	selenium bromides	NT2	europium chlorides	NT2	chromium chlorides
NT2	silicon bromides	NT2	fermium chlorides	NT2	chromium fluorides
NT2	silver bromides	NT2	francium chlorides	NT2	chromium iodides
NT2	sodium bromides	NT2	gadolinium chlorides	NT1	cobalt halides

NT2	cobalt bromides	NT2	lanthanum fluorides	NT2	gold fluorides
NT2	cobalt chlorides	NT2	lead fluorides	NT2	gold iodides
NT2	cobalt fluorides	NT2	lithium fluorides	NT1	hafnium halides
NT2	cobalt iodides	NT2	lutetium fluorides	NT2	hafnium bromides
NT1	copper halides	NT2	magnesium fluorides	NT2	hafnium chlorides
NT2	copper bromides	NT2	manganese fluorides	NT2	hafnium fluorides
NT2	copper chlorides	NT2	mercury fluorides	NT2	hafnium iodides
NT2	copper fluorides	NT2	molybdenum fluorides	NT1	helium halides
NT2	copper iodides	NT2	neodymium fluorides	NT2	helium chlorides
NT1	curium halides	NT2	neon fluorides	NT1	holmium halides
NT2	curium bromides	NT2	neptunium fluorides	NT2	holmium bromides
NT2	curium chlorides	NT2	nickel fluorides	NT2	holmium chlorides
NT2	curium fluorides	NT2	niobium fluorides	NT2	holmium fluorides
NT2	curium iodides	NT2	nitrogen fluorides	NT2	holmium iodides
NT1	dysprosium halides	NT2	osmium fluorides	NT1	hydrogen halides
NT2	dysprosium bromides	NT2	palladium fluorides	NT2	hydrogen bromides
NT2	dysprosium chlorides	NT2	phosphorus fluorides	NT2	hydrogen chlorides
NT2	dysprosium fluorides	NT2	platinum fluorides	NT2	hydrogen fluorides
NT2	dysprosium iodides	NT2	plutonium fluorides	NT2	hydrogen iodides
NT1	einsteinium halides	NT2	polonium fluorides	NT1	indium halides
NT2	einsteinium bromides	NT2	potassium fluorides	NT2	indium bromides
NT2	einsteinium chlorides	NT2	praseodymium fluorides	NT2	indium chlorides
NT2	einsteinium fluorides	NT2	promethium fluorides	NT2	indium fluorides
NT2	einsteinium iodides	NT2	protactinium fluorides	NT2	indium iodides
NT1	erbium halides	NT2	radium fluorides	NT1	iodides
NT2	erbium bromides	NT2	radon fluorides	NT2	aluminium iodides
NT2	erbium chlorides	NT2	rhenium fluorides	NT2	americium iodides
NT2	erbium fluorides	NT2	rhodium fluorides	NT2	antimony iodides
NT2	erbium iodides	NT2	rubidium fluorides	NT2	argon iodides
NT1	europium halides	NT2	ruthenium fluorides	NT2	arsenic iodides
NT2	europium bromides	NT2	samarium fluorides	NT2	astatine iodides
NT2	europium chlorides	NT2	scandium fluorides	NT2	barium iodides
NT2	europium fluorides	NT2	selenium fluorides	NT2	beryllium iodides
NT2	europium iodides	NT2	silicon fluorides	NT2	bismuth iodides
NT1	fermium halides	NT2	silver fluorides	NT2	boron iodides
NT2	fermium bromides	NT2	sodium fluorides	NT2	cadmium iodides
NT2	fermium chlorides	NT2	strontium fluorides	NT2	calcium iodides
NT2	fermium iodides	NT2	sulfur fluorides	NT2	californium iodides
NT1	fluorides	NT2	tantalum fluorides	NT2	cerium iodides
NT2	actinium fluorides	NT2	technetium fluorides	NT2	cesium iodides
NT2	aluminium fluorides	NT2	tellurium fluorides	NT2	chromium iodides
NT2	americium fluorides	NT2	terbium fluorides	NT2	cobalt iodides
NT2	ammonium fluorides	NT2	thallium fluorides	NT2	copper iodides
NT2	antimony fluorides	NT2	thorium fluorides	NT2	curium iodides
NT2	argon fluorides	NT2	thulium fluorides	NT2	dysprosium iodides
NT2	arsenic fluorides	NT2	tin fluorides	NT2	einsteinium iodides
NT2	barium fluorides	NT2	titanium fluorides	NT2	erbium iodides
NT2	berkelium fluorides	NT2	tungsten fluorides	NT2	europium iodides
NT2	beryllium fluorides	NT2	uranium fluorides	NT2	fermium iodides
NT2	bismuth fluorides	NT3	uranium hexafluoride	NT2	gadolinium iodides
NT2	boron fluorides	NT3	uranium pentafluoride	NT2	gallium iodides
NT2	bromine fluorides	NT3	uranium tetrafluoride	NT2	germanium iodides
NT2	cadmium fluorides	NT2	uranyl fluorides	NT2	gold iodides
NT2	calcium fluorides	NT2	vanadium fluorides	NT2	hafnium iodides
NT2	californium fluorides	NT2	xenon fluorides	NT2	holmium iodides
NT2	carbon fluorides	NT2	ytterbium fluorides	NT2	hydrogen iodides
NT2	cerium fluorides	NT2	yttrium fluorides	NT2	indium iodides
NT2	cesium fluorides	NT2	zinc fluorides	NT2	iron iodides
NT2	chlorine fluorides	NT2	zirconium fluorides	NT3	iron halides
NT2	chromium fluorides	NT1	francium halides	NT4	iron bromides
NT2	cobalt fluorides	NT2	francium chlorides	NT4	iron chlorides
NT2	copper fluorides	NT1	gadolinium halides	NT4	iron fluorides
NT2	curium fluorides	NT2	gadolinium bromides	NT2	lanthanum iodides
NT2	dysprosium fluorides	NT2	gadolinium chlorides	NT2	lead iodides
NT2	einsteinium fluorides	NT2	gadolinium fluorides	NT2	lithium iodides
NT2	erbium fluorides	NT2	gadolinium iodides	NT2	lutetium iodides
NT2	europium fluorides	NT1	gallium halides	NT2	magnesium iodides
NT2	gadolinium fluorides	NT2	gallium bromides	NT2	manganese iodides
NT2	gallium fluorides	NT2	gallium chlorides	NT2	mercury iodides
NT2	germanium fluorides	NT2	gallium fluorides	NT2	molybdenum iodides
NT2	gold fluorides	NT2	gallium iodides	NT2	neodymium iodides
NT2	hafnium fluorides	NT1	germanium halides	NT2	neon iodides
NT2	holmium fluorides	NT2	germanium bromides	NT2	neptunium iodides
NT2	hydrogen fluorides	NT2	germanium chlorides	NT2	nickel iodides
NT2	indium fluorides	NT2	germanium fluorides	NT2	niobium iodides
NT2	iodine fluorides	NT2	germanium iodides	NT2	nitrogen iodides
NT2	iridium fluorides	NT1	gold halides	NT2	palladium iodides
NT2	iron fluorides	NT2	gold bromides	NT2	phosphorus iodides
NT2	krypton fluorides	NT2	gold chlorides	NT2	platinum iodides

NT2	plutonium iodides	NT2	mercury chlorides	NT2	promethium fluorides
NT2	polonium iodides	NT2	mercury fluorides	NT2	promethium iodides
NT2	potassium iodides	NT2	mercury iodides	NT1	protactinium halides
NT2	praseodymium iodides	NT1	molybdenum halides	NT2	protactinium bromides
NT2	promethium iodides	NT2	molybdenum bromides	NT2	protactinium chlorides
NT2	protactinium iodides	NT2	molybdenum chlorides	NT2	protactinium fluorides
NT2	rhenium iodides	NT2	molybdenum fluorides	NT2	protactinium iodides
NT2	rubidium iodides	NT2	molybdenum iodides	NT1	radium halides
NT2	samarium iodides	NT1	neodymium halides	NT2	radium bromides
NT2	scandium iodides	NT2	neodymium bromides	NT2	radium chlorides
NT2	selenium iodides	NT2	neodymium chlorides	NT2	radium fluorides
NT2	silicon iodides	NT2	neodymium fluorides	NT1	radon halides
NT2	silver iodides	NT2	neodymium iodides	NT2	radon fluorides
NT2	sodium iodides	NT1	neon halides	NT1	rhenium halides
NT2	strontium iodides	NT2	neon bromides	NT2	rhenium bromides
NT2	tantalum iodides	NT2	neon chlorides	NT2	rhenium chlorides
NT2	technetium iodides	NT2	neon fluorides	NT2	rhenium chlorides
NT2	tellurium iodides	NT2	neon iodides	NT2	rhenium iodides
NT2	terbium iodides	NT1	neptunium halides	NT1	rhodium halides
NT2	thallium iodides	NT2	neptunium bromides	NT2	rhodium bromides
NT2	thorium iodides	NT2	neptunium chlorides	NT2	rhodium chlorides
NT2	thulium iodides	NT2	neptunium fluorides	NT2	rhodium fluorides
NT2	tin iodides	NT2	neptunium iodides	NT1	rubidium halides
NT2	titanium iodides	NT1	nickel halides	NT2	rubidium bromides
NT2	tungsten iodides	NT2	nickel bromides	NT2	rubidium chlorides
NT2	uranium iodides	NT2	nickel chlorides	NT2	rubidium fluorides
NT2	vanadium iodides	NT2	nickel fluorides	NT2	rubidium iodides
NT2	xenon iodides	NT2	nickel iodides	NT1	ruthenium halides
NT2	ytterbium iodides	NT1	niobium halides	NT2	ruthenium bromides
NT2	yttrium iodides	NT2	niobium bromides	NT2	ruthenium chlorides
NT2	zinc iodides	NT2	niobium chlorides	NT2	ruthenium fluorides
NT2	zirconium iodides	NT2	niobium fluorides	NT1	rutherfordium halides
NT1	iodine halides	NT2	niobium iodides	NT2	rutherfordium chlorides
NT2	iodine bromides	NT1	nitrogen halides	NT1	samarium halides
NT2	iodine chlorides	NT2	nitrogen bromides	NT2	samarium bromides
NT2	iodine fluorides	NT2	nitrogen chlorides	NT2	samarium chlorides
NT1	iridium halides	NT2	nitrogen fluorides	NT2	samarium fluorides
NT2	iridium chlorides	NT2	nitrogen iodides	NT2	samarium iodides
NT2	iridium fluorides	NT1	osmium halides	NT1	scandium halides
NT1	iron halides	NT2	osmium chlorides	NT2	scandium bromides
NT2	iron bromides	NT2	osmium fluorides	NT2	scandium chlorides
NT2	iron chlorides	NT1	palladium halides	NT2	scandium fluorides
NT2	iron fluorides	NT2	palladium bromides	NT2	scandium iodides
NT1	krypton halides	NT2	palladium chlorides	NT1	selenium halides
NT2	krypton bromides	NT2	palladium chlorides	NT2	selenium bromides
NT2	krypton chlorides	NT2	palladium fluorides	NT2	selenium chlorides
NT2	krypton fluorides	NT2	palladium iodides	NT2	selenium chlorides
NT1	lanthanum halides	NT1	phosphorus halides	NT2	selenium fluorides
NT2	lanthanum bromides	NT2	phosphorus bromides	NT2	selenium iodides
NT2	lanthanum chlorides	NT2	phosphorus chlorides	NT1	silicon halides
NT2	lanthanum fluorides	NT2	phosphorus fluorides	NT2	silicon bromides
NT2	lanthanum iodides	NT2	phosphorus iodides	NT2	silicon chlorides
NT1	lead halides	NT2	phosphorus iodides	NT2	silicon fluorides
NT2	lead bromides	NT1	platinum halides	NT2	silicon iodides
NT2	lead chlorides	NT2	platinum bromides	NT1	silver halides
NT2	lead fluorides	NT2	platinum chlorides	NT2	silver bromides
NT2	lead iodides	NT2	platinum fluorides	NT2	silver chlorides
NT1	lithium halides	NT2	platinum iodides	NT2	silver fluorides
NT2	lithium bromides	NT1	plutonium halides	NT2	silver iodides
NT2	lithium chlorides	NT2	plutonium bromides	NT1	sodium halides
NT2	lithium fluorides	NT2	plutonium chlorides	NT2	sodium bromides
NT2	lithium iodides	NT2	plutonium fluorides	NT2	sodium chlorides
NT1	lutetium halides	NT2	plutonium iodides	NT2	sodium fluorides
NT2	lutetium bromides	NT1	polonium halides	NT2	sodium iodides
NT2	lutetium chlorides	NT2	polonium bromides	NT1	strontium halides
NT2	lutetium fluorides	NT2	polonium chlorides	NT2	strontium bromides
NT2	lutetium iodides	NT2	polonium fluorides	NT2	strontium chlorides
NT1	magnesium halides	NT2	polonium iodides	NT2	strontium fluorides
NT2	magnesium bromides	NT1	potassium halides	NT2	strontium iodides
NT2	magnesium chlorides	NT2	potassium bromides	NT1	sulfur halides
NT2	magnesium fluorides	NT2	potassium chlorides	NT2	sulfur chlorides
NT2	magnesium iodides	NT2	potassium fluorides	NT2	sulfur fluorides
NT1	manganese halides	NT2	potassium iodides	NT1	tantalum halides
NT2	manganese bromides	NT1	praseodymium halides	NT2	tantalum bromides
NT2	manganese chlorides	NT2	praseodymium bromides	NT2	tantalum chlorides
NT2	manganese fluorides	NT2	praseodymium chlorides	NT2	tantalum fluorides
NT2	manganese iodides	NT2	praseodymium fluorides	NT2	tantalum iodides
NT1	mercury halides	NT2	praseodymium iodides	NT1	technetium halides
NT2	mercury bromides	NT1	promethium halides	NT2	technetium bromides
		NT2	promethium bromides	NT2	technetium chlorides
		NT2	promethium chlorides		

NT2 technetium fluorides
 NT2 technetium iodides
 NT1 tellurium halides
 NT2 tellurium bromides
 NT2 tellurium chlorides
 NT2 tellurium fluorides
 NT2 tellurium iodides
 NT1 terbium halides
 NT2 terbium bromides
 NT2 terbium chlorides
 NT2 terbium fluorides
 NT2 terbium iodides
 NT1 thallium halides
 NT2 thallium bromides
 NT2 thallium chlorides
 NT2 thallium fluorides
 NT2 thallium iodides
 NT1 thionyl halides
 NT2 thionyl chlorides
 NT1 thorium halides
 NT2 thorium bromides
 NT2 thorium chlorides
 NT2 thorium fluorides
 NT2 thorium iodides
 NT1 thulium halides
 NT2 thulium bromides
 NT2 thulium chlorides
 NT2 thulium fluorides
 NT2 thulium iodides
 NT1 tin halides
 NT2 tin bromides
 NT2 tin chlorides
 NT2 tin fluorides
 NT2 tin iodides
 NT1 titanium halides
 NT2 titanium bromides
 NT2 titanium chlorides
 NT2 titanium fluorides
 NT2 titanium iodides
 NT1 tungsten halides
 NT2 tungsten bromides
 NT2 tungsten chlorides
 NT2 tungsten fluorides
 NT2 tungsten iodides
 NT1 uranium halides
 NT2 uranium bromides
 NT2 uranium chlorides
 NT2 uranium fluorides
 NT3 uranium hexafluoride
 NT3 uranium pentafluoride
 NT3 uranium tetrafluoride
 NT2 uranium iodides
 NT1 uranyl halides
 NT2 uranyl chlorides
 NT2 uranyl fluorides
 NT1 vanadium halides
 NT2 vanadium bromides
 NT2 vanadium chlorides
 NT2 vanadium fluorides
 NT2 vanadium iodides
 NT1 xenon halides
 NT2 xenon bromides
 NT2 xenon chlorides
 NT2 xenon fluorides
 NT2 xenon iodides
 NT1 ytterbium halides
 NT2 ytterbium bromides
 NT2 ytterbium chlorides
 NT2 ytterbium fluorides
 NT2 ytterbium iodides
 NT1 yttrium halides
 NT2 yttrium bromides
 NT2 yttrium chlorides
 NT2 yttrium fluorides
 NT2 yttrium iodides
 NT1 zinc halides
 NT2 zinc bromides
 NT2 zinc chlorides
 NT2 zinc fluorides

NT2 zinc iodides
 NT1 zirconium halides
 NT2 zirconium bromides
 NT2 zirconium chlorides
 NT2 zirconium fluorides
 NT2 zirconium iodides

HALITE

INIS: 2000-04-20; ETDE: 1985-09-23

*BT1 halide minerals
 RT evaporites
 RT salt deposits
 RT sodium chlorides

HALL EFFECT

RT electric conductors
 RT ettingshausen effect
 RT nemst effect
 RT rigbi-leduc effect
 RT shubnikov-de haas effect

hall generators

USE mhd generators

hallam nuclear power facility

USE hnpf reactor

HALLEY COMET

INIS: 1986-08-19; ETDE: 1986-09-05

BT1 comets
 RT solar system

HALLIMONDITE

2000-04-12

*BT1 oxide minerals
 *BT1 uranium minerals
 RT arsenic oxides
 RT lead oxides
 RT uranium oxides

halls

2006-05-26

SEE high rooms

HALLUCINOGENS

1996-06-26

*BT1 psychotropic drugs
 NT1 bufotenine
 RT marihuana

halo states

1995-07-03

USE nuclear halos

HALOGEN COMPOUNDS

For inorganic compounds only; see also ORGANIC HALOGEN COMPOUNDS.

NT1 astatine compounds
 NT2 astatine halides
 NT3 astatine bromides
 NT3 astatine chlorides
 NT3 astatine iodides
 NT1 bromine compounds
 NT2 bromates
 NT2 bromic acid
 NT2 bromides
 NT3 actinium bromides
 NT3 aluminium bromides
 NT3 americium bromides
 NT3 antimony bromides
 NT3 arsenic bromides
 NT3 astatine bromides
 NT3 barium bromides
 NT3 berkelium bromides
 NT3 beryllium bromides
 NT3 bismuth bromides
 NT3 boron bromides
 NT3 cadmium bromides
 NT3 calcium bromides
 NT3 californium bromides
 NT3 cerium bromides
 NT3 cesium bromides

NT3 chromium bromides
 NT3 cobalt bromides
 NT3 copper bromides
 NT3 curium bromides
 NT3 dysprosium bromides
 NT3 einsteinium bromides
 NT3 erbium bromides
 NT3 europium bromides
 NT3 fermium bromides
 NT3 gadolinium bromides
 NT3 gallium bromides
 NT3 germanium bromides
 NT3 gold bromides
 NT3 hafnium bromides
 NT3 holmium bromides
 NT3 hydrogen bromides
 NT3 indium bromides
 NT3 iodine bromides
 NT3 iron bromides
 NT3 krypton bromides
 NT3 lanthanum bromides
 NT3 lead bromides
 NT3 lithium bromides
 NT3 lutetium bromides
 NT3 magnesium bromides
 NT3 manganese bromides
 NT3 mercury bromides
 NT3 molybdenum bromides
 NT3 neodymium bromides
 NT3 neon bromides
 NT3 neptunium bromides
 NT3 nickel bromides
 NT3 niobium bromides
 NT3 nitrogen bromides
 NT3 palladium bromides
 NT3 phosphorus bromides
 NT3 platinum bromides
 NT3 plutonium bromides
 NT3 polonium bromides
 NT3 potassium bromides
 NT3 praseodymium bromides
 NT3 promethium bromides
 NT3 protactinium bromides
 NT3 radium bromides
 NT3 rhenium bromides
 NT3 rhodium bromides
 NT3 rubidium bromides
 NT3 ruthenium bromides
 NT3 samarium bromides
 NT3 scandium bromides
 NT3 selenium bromides
 NT3 silicon bromides
 NT3 silver bromides
 NT3 sodium bromides
 NT3 strontium bromides
 NT3 tantalum bromides
 NT3 technetium bromides
 NT3 tellurium bromides
 NT3 terbium bromides
 NT3 thallium bromides
 NT3 thorium bromides
 NT3 thulium bromides
 NT3 tin bromides
 NT3 titanium bromides
 NT3 tungsten bromides
 NT3 uranium bromides
 NT3 vanadium bromides
 NT3 xenon bromides
 NT3 ytterbium bromides
 NT3 yttrium bromides
 NT3 zinc bromides
 NT3 zirconium bromides
 NT2 bromine halides
 NT3 bromine chlorides
 NT3 bromine fluorides
 NT2 bromine oxides
 NT2 hydrobromic acid
 NT2 oxybromides
 NT2 perbromates

NT1 chlorine compounds**NT2** chlorates**NT2** chloric acid**NT2** chlorides**NT3** actinium chlorides**NT3** aluminium chlorides**NT3** americium chlorides**NT3** ammonium chlorides**NT3** antimony chlorides**NT3** argon chlorides**NT3** arsenic chlorides**NT3** astatine chlorides**NT3** barium chlorides**NT3** berkelium chlorides**NT3** beryllium chlorides**NT3** bismuth chlorides**NT3** boron chlorides**NT3** bromine chlorides**NT3** cadmium chlorides**NT3** calcium chlorides**NT3** californium chlorides**NT3** cerium chlorides**NT3** cesium chlorides**NT3** chromium chlorides**NT3** cobalt chlorides**NT3** copper chlorides**NT3** curium chlorides**NT3** dysprosium chlorides**NT3** einsteinium chlorides**NT3** erbium chlorides**NT3** europium chlorides**NT3** fermium chlorides**NT3** francium chlorides**NT3** gadolinium chlorides**NT3** gallium chlorides**NT3** germanium chlorides**NT3** gold chlorides**NT3** hafnium chlorides**NT3** helium chlorides**NT3** holmium chlorides**NT3** hydrogen chlorides**NT3** indium chlorides**NT3** iodine chlorides**NT3** iridium chlorides**NT3** iron chlorides**NT3** krypton chlorides**NT3** lanthanum chlorides**NT3** lead chlorides**NT3** lithium chlorides**NT3** lutetium chlorides**NT3** magnesium chlorides**NT3** manganese chlorides**NT3** mercury chlorides**NT3** methylene blue**NT3** molybdenum chlorides**NT3** neodymium chlorides**NT3** neon chlorides**NT3** neptunium chlorides**NT3** nickel chlorides**NT3** niobium chlorides**NT3** nitrogen chlorides**NT3** osmium chlorides**NT3** palladium chlorides**NT3** phosphorus chlorides**NT3** platinum chlorides**NT3** plutonium chlorides**NT3** polonium chlorides**NT3** potassium chlorides**NT3** praseodymium chlorides**NT3** promethium chlorides**NT3** protactinium chlorides**NT3** radium chlorides**NT3** rhenium chlorides**NT3** rhodium chlorides**NT3** rubidium chlorides**NT3** ruthenium chlorides**NT3** rutherfordium chlorides**NT3** samarium chlorides**NT3** scandium chlorides**NT3** selenium chlorides**NT3** silicon chlorides**NT3** silver chlorides**NT3** sodium chlorides**NT3** strontium chlorides**NT3** sulfur chlorides**NT3** tantalum chlorides**NT3** technetium chlorides**NT3** tellurium chlorides**NT3** terbium chlorides**NT3** tetrazolium**NT3** thallium chlorides**NT3** thionyl chlorides**NT3** thorium chlorides**NT3** thulium chlorides**NT3** tin chlorides**NT3** titanium chlorides**NT3** tungsten chlorides**NT3** uranium chlorides**NT3** uranyl chlorides**NT3** vanadium chlorides**NT3** xenon chlorides**NT3** ytterbium chlorides**NT3** yttrium chlorides**NT3** zinc chlorides**NT3** zirconium chlorides**NT2** chlorine halides**NT3** chlorine fluorides**NT2** chlorine nitrates**NT2** chlorine oxides**NT2** chlorous acid**NT2** hydrochloric acid**NT2** hypochlorous acid**NT2** oxychlorides**NT2** perchlorates**NT3** aluminium perchlorates**NT3** americium perchlorates**NT3** ammonium perchlorates**NT3** barium perchlorates**NT3** cadmium perchlorates**NT3** calcium perchlorates**NT3** cerium perchlorates**NT3** cesium perchlorates**NT3** chromium perchlorates**NT3** cobalt perchlorates**NT3** copper perchlorates**NT3** dysprosium perchlorates**NT3** erbium perchlorates**NT3** europium perchlorates**NT3** gadolinium perchlorates**NT3** hafnium perchlorates**NT3** holmium perchlorates**NT3** indium perchlorates**NT3** iron perchlorates**NT3** lanthanum perchlorates**NT3** lead perchlorates**NT3** lithium perchlorates**NT3** lutetium perchlorates**NT3** magnesium perchlorates**NT3** manganese perchlorates**NT3** mercury perchlorates**NT3** neodymium perchlorates**NT3** neptunium perchlorates**NT3** plutonium perchlorates**NT3** potassium perchlorates**NT3** praseodymium perchlorates**NT3** rubidium perchlorates**NT3** samarium perchlorates**NT3** scandium perchlorates**NT3** silver perchlorates**NT3** sodium perchlorates**NT3** strontium perchlorates**NT3** terbium perchlorates**NT3** thallium perchlorates**NT3** thorium perchlorates**NT3** thulium perchlorates**NT3** uranium perchlorates**NT3** uranyl perchlorates**NT3** ytterbium perchlorates**NT3** yttrium perchlorates**NT3** zinc perchlorates**NT3** zirconium perchlorates**NT2** perchloric acid**NT1** fluorine compounds**NT2** fluorates**NT2** fluorides**NT3** actinium fluorides**NT3** aluminium fluorides**NT3** americium fluorides**NT3** ammonium fluorides**NT3** antimony fluorides**NT3** argon fluorides**NT3** arsenic fluorides**NT3** barium fluorides**NT3** berkelium fluorides**NT3** beryllium fluorides**NT3** bismuth fluorides**NT3** boron fluorides**NT3** bromine fluorides**NT3** cadmium fluorides**NT3** calcium fluorides**NT3** californium fluorides**NT3** carbon fluorides**NT3** cerium fluorides**NT3** cesium fluorides**NT3** chlorine fluorides**NT3** chromium fluorides**NT3** cobalt fluorides**NT3** copper fluorides**NT3** curium fluorides**NT3** dysprosium fluorides**NT3** einsteinium fluorides**NT3** erbium fluorides**NT3** europium fluorides**NT3** gadolinium fluorides**NT3** gallium fluorides**NT3** germanium fluorides**NT3** gold fluorides**NT3** hafnium fluorides**NT3** holmium fluorides**NT3** hydrogen fluorides**NT3** indium fluorides**NT3** iodine fluorides**NT3** iridium fluorides**NT3** iron fluorides**NT3** krypton fluorides**NT3** lanthanum fluorides**NT3** lead fluorides**NT3** lithium fluorides**NT3** lutetium fluorides**NT3** magnesium fluorides**NT3** manganese fluorides**NT3** mercury fluorides**NT3** molybdenum fluorides**NT3** neodymium fluorides**NT3** neon fluorides**NT3** neptunium fluorides**NT3** nickel fluorides**NT3** niobium fluorides**NT3** nitrogen fluorides**NT3** osmium fluorides**NT3** palladium fluorides**NT3** phosphorus fluorides**NT3** platinum fluorides**NT3** plutonium fluorides**NT3** polonium fluorides**NT3** potassium fluorides**NT3** praseodymium fluorides**NT3** promethium fluorides**NT3** protactinium fluorides**NT3** radium fluorides**NT3** radon fluorides**NT3** rhenium fluorides**NT3** rhodium fluorides**NT3** rubidium fluorides**NT3** ruthenium fluorides**NT3** samarium fluorides**NT3** scandium fluorides

NT3	selenium fluorides	NT3	beryllium bromides	NT3	samarium bromides
NT3	silicon fluorides	NT3	beryllium chlorides	NT3	scandium bromides
NT3	silver fluorides	NT3	beryllium fluorides	NT3	selenium bromides
NT3	sodium fluorides	NT3	beryllium iodides	NT3	silicon bromides
NT3	strontium fluorides	NT2	bismuth halides	NT3	silver bromides
NT3	sulfur fluorides	NT3	bismuth bromides	NT3	sodium bromides
NT3	tantalum fluorides	NT3	bismuth chlorides	NT3	strontium bromides
NT3	technetium fluorides	NT3	bismuth fluorides	NT3	tantalum bromides
NT3	tellurium fluorides	NT3	bismuth iodides	NT3	technetium bromides
NT3	terbium fluorides	NT2	boron halides	NT3	tellurium bromides
NT3	thallium fluorides	NT3	boron bromides	NT3	terbium bromides
NT3	thorium fluorides	NT3	boron chlorides	NT3	thallium bromides
NT3	thulium fluorides	NT3	boron fluorides	NT3	thorium bromides
NT3	tin fluorides	NT3	boron iodides	NT3	thulium bromides
NT3	titanium fluorides	NT2	bromides	NT3	tin bromides
NT3	tungsten fluorides	NT3	actinium bromides	NT3	titanium bromides
NT3	uranium fluorides	NT3	aluminium bromides	NT3	tungsten bromides
NT4	uranium hexafluoride	NT3	americium bromides	NT3	uranium bromides
NT4	uranium pentafluoride	NT3	antimony bromides	NT3	vanadium bromides
NT4	uranium tetrafluoride	NT3	arsenic bromides	NT3	xenon bromides
NT3	uranyl fluorides	NT3	astatine bromides	NT3	ytterbium bromides
NT3	vanadium fluorides	NT3	barium bromides	NT3	yttrium bromides
NT3	xenon fluorides	NT3	berkelium bromides	NT3	zinc bromides
NT3	ytterbium fluorides	NT3	beryllium bromides	NT3	zirconium bromides
NT3	yttrium fluorides	NT3	bismuth bromides	NT2	bromine halides
NT3	zinc fluorides	NT3	boron bromides	NT3	bromine chlorides
NT3	zirconium fluorides	NT3	cadmium bromides	NT3	bromine fluorides
NT2	fluorine oxides	NT3	calcium bromides	NT2	cadmium halides
NT2	fluoroborates	NT3	californium bromides	NT3	cadmium bromides
NT2	fluoroboric acid	NT3	cerium bromides	NT3	cadmium chlorides
NT2	hydrofluoric acid	NT3	cesium bromides	NT3	cadmium fluorides
NT2	hypofluorous acid	NT3	chromium bromides	NT3	cadmium iodides
NT2	oxyfluorides	NT3	cobalt bromides	NT2	calcium halides
NT1	halides	NT3	copper bromides	NT3	calcium bromides
NT2	actinium halides	NT3	curium bromides	NT3	calcium chlorides
NT3	actinium bromides	NT3	dysprosium bromides	NT3	calcium fluorides
NT3	actinium chlorides	NT3	einsteinium bromides	NT3	calcium iodides
NT3	actinium fluorides	NT3	erbium bromides	NT2	californium halides
NT2	aluminium halides	NT3	europium bromides	NT3	californium bromides
NT3	aluminium bromides	NT3	fermium bromides	NT3	californium chlorides
NT3	aluminium chlorides	NT3	gadolinium bromides	NT3	californium fluorides
NT3	aluminium fluorides	NT3	gallium bromides	NT3	californium iodides
NT3	aluminium iodides	NT3	germanium bromides	NT2	carbon halides
NT2	americium halides	NT3	gold bromides	NT3	carbon fluorides
NT3	americium bromides	NT3	hafnium bromides	NT2	cerium halides
NT3	americium chlorides	NT3	holmium bromides	NT3	cerium bromides
NT3	americium fluorides	NT3	hydrogen bromides	NT3	cerium chlorides
NT3	americium iodides	NT3	indium bromides	NT3	cerium fluorides
NT2	ammonium halides	NT3	iodine bromides	NT3	cerium iodides
NT3	ammonium chlorides	NT3	iron bromides	NT2	cesium halides
NT3	ammonium fluorides	NT3	krypton bromides	NT3	cesium bromides
NT2	antimony halides	NT3	lanthanum bromides	NT3	cesium chlorides
NT3	antimony bromides	NT3	lead bromides	NT3	cesium fluorides
NT3	antimony chlorides	NT3	lithium bromides	NT3	cesium iodides
NT3	antimony fluorides	NT3	lutetium bromides	NT2	chlorides
NT3	antimony iodides	NT3	magnesium bromides	NT3	actinium chlorides
NT2	argon halides	NT3	manganese bromides	NT3	aluminium chlorides
NT3	argon chlorides	NT3	mercury bromides	NT3	americium chlorides
NT3	argon fluorides	NT3	molybdenum bromides	NT3	ammonium chlorides
NT3	argon iodides	NT3	neodymium bromides	NT3	antimony chlorides
NT2	arsenic halides	NT3	neon bromides	NT3	argon chlorides
NT3	arsenic bromides	NT3	neptunium bromides	NT3	arsenic chlorides
NT3	arsenic chlorides	NT3	nickel bromides	NT3	astatine chlorides
NT3	arsenic fluorides	NT3	niobium bromides	NT3	barium chlorides
NT3	arsenic iodides	NT3	nitrogen bromides	NT3	berkelium chlorides
NT2	astatine halides	NT3	palladium bromides	NT3	beryllium chlorides
NT3	astatine bromides	NT3	phosphorus bromides	NT3	bismuth chlorides
NT3	astatine chlorides	NT3	platinum bromides	NT3	boron chlorides
NT3	astatine iodides	NT3	plutonium bromides	NT3	bromine chlorides
NT2	barium halides	NT3	polonium bromides	NT3	cadmium chlorides
NT3	barium bromides	NT3	potassium bromides	NT3	calcium chlorides
NT3	barium chlorides	NT3	praseodymium bromides	NT3	californium chlorides
NT3	barium fluorides	NT3	promethium bromides	NT3	cerium chlorides
NT3	barium iodides	NT3	protactinium bromides	NT3	cesium chlorides
NT2	berkelium halides	NT3	radium bromides	NT3	chromium chlorides
NT3	berkelium bromides	NT3	rhenium bromides	NT3	cobalt chlorides
NT3	berkelium chlorides	NT3	rhodium bromides	NT3	copper chlorides
NT3	berkelium fluorides	NT3	rubidium bromides	NT3	curium chlorides
NT2	beryllium halides	NT3	ruthenium bromides	NT3	dysprosium chlorides

NT3 einsteinium chlorides
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 NT3 francium chlorides
 NT3 gadolinium chlorides
 NT3 gallium chlorides
 NT3 germanium chlorides
 NT3 gold chlorides
 NT3 hafnium chlorides
 NT3 helium chlorides
 NT3 holmium chlorides
 NT3 hydrogen chlorides
 NT3 indium chlorides
 NT3 iodine chlorides
 NT3 iridium chlorides
 NT3 iron chlorides
 NT3 krypton chlorides
 NT3 lanthanum chlorides
 NT3 lead chlorides
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 NT3 lutetium chlorides
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 NT3 manganese chlorides
 NT3 mercury chlorides
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 NT3 vanadium chlorides
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 NT3 arsenic fluorides
 NT3 barium fluorides
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 NT3 carbon fluorides
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 NT3 thorium fluorides
 NT3 thorium iodides
 NT2 thulium halides
 NT3 thulium bromides
 NT3 thulium chlorides
 NT3 thulium fluorides
 NT3 thulium iodides
 NT2 tin halides
 NT3 tin bromides
 NT3 tin chlorides
 NT3 tin fluorides
 NT3 tin iodides
 NT2 titanium halides
 NT3 titanium bromides
 NT3 titanium chlorides
 NT3 titanium fluorides
 NT3 titanium iodides
 NT2 tungsten halides
 NT3 tungsten bromides
 NT3 tungsten chlorides
 NT3 tungsten fluorides
 NT3 tungsten iodides
 NT2 uranium halides
 NT3 uranium bromides
 NT3 uranium chlorides
 NT3 uranium fluorides
 NT4 uranium hexafluoride
 NT4 uranium pentafluoride
 NT4 uranium tetrafluoride
 NT3 uranium iodides
 NT2 uranyl halides
 NT3 uranyl chlorides
 NT3 uranyl fluorides
 NT2 vanadium halides
 NT3 vanadium bromides
 NT3 vanadium chlorides
 NT3 vanadium fluorides
 NT3 vanadium iodides
 NT2 xenon halides
 NT3 xenon bromides
 NT3 xenon chlorides
 NT3 xenon fluorides
 NT3 xenon iodides
 NT2 ytterbium halides
 NT3 ytterbium bromides
 NT3 ytterbium chlorides
 NT3 ytterbium fluorides
 NT3 ytterbium iodides
 NT2 yttrium halides
 NT3 yttrium bromides
 NT3 yttrium chlorides

NT3 yttrium fluorides
 NT3 yttrium iodides
 NT2 zinc halides
 NT3 zinc bromides
 NT3 zinc chlorides
 NT3 zinc fluorides
 NT3 zinc iodides
 NT2 zirconium halides
 NT3 zirconium bromides
 NT3 zirconium chlorides
 NT3 zirconium fluorides
 NT3 zirconium iodides
 NT1 iodine compounds
 NT2 hydriodic acid
 NT2 hypoiodous acid
 NT2 iodates
 NT2 iodic acid
 NT2 iodides
 NT3 aluminium iodides
 NT3 americium iodides
 NT3 antimony iodides
 NT3 argon iodides
 NT3 arsenic iodides
 NT3 astatine iodides
 NT3 barium iodides
 NT3 beryllium iodides
 NT3 bismuth iodides
 NT3 boron iodides
 NT3 cadmium iodides
 NT3 calcium iodides
 NT3 californium iodides
 NT3 cerium iodides
 NT3 cesium iodides
 NT3 chromium iodides
 NT3 cobalt iodides
 NT3 copper iodides
 NT3 curium iodides
 NT3 dysprosium iodides
 NT3 einsteinium iodides
 NT3 erbium iodides
 NT3 europium iodides
 NT3 fermium iodides
 NT3 gadolinium iodides
 NT3 gallium iodides
 NT3 germanium iodides
 NT3 gold iodides
 NT3 hafnium iodides
 NT3 holmium iodides
 NT3 hydrogen iodides
 NT3 indium iodides
 NT3 iron iodides
 NT4 iron halides
 NT5 iron bromides
 NT5 iron chlorides
 NT5 iron fluorides
 NT3 lanthanum iodides
 NT3 lead iodides
 NT3 lithium iodides
 NT3 lutetium iodides
 NT3 magnesium iodides
 NT3 manganese iodides
 NT3 mercury iodides
 NT3 molybdenum iodides
 NT3 neodymium iodides
 NT3 neon iodides
 NT3 neptunium iodides
 NT3 nickel iodides
 NT3 niobium iodides
 NT3 nitrogen iodides
 NT3 palladium iodides
 NT3 phosphorus iodides
 NT3 platinum iodides
 NT3 plutonium iodides
 NT3 polonium iodides
 NT3 potassium iodides
 NT3 praseodymium iodides
 NT3 promethium iodides
 NT3 protactinium iodides
 NT3 rhenium iodides

NT3 rubidium iodides
NT3 samarium iodides
NT3 scandium iodides
NT3 selenium iodides
NT3 silicon iodides
NT3 silver iodides
NT3 sodium iodides
NT3 strontium iodides
NT3 tantalum iodides
NT3 technetium iodides
NT3 tellurium iodides
NT3 terbium iodides
NT3 thallium iodides
NT3 thorium iodides
NT3 thulium iodides
NT3 tin iodides
NT3 titanium iodides
NT3 tungsten iodides
NT3 uranium iodides
NT3 vanadium iodides
NT3 xenon iodides
NT3 ytterbium iodides
NT3 yttrium iodides
NT3 zinc iodides
NT3 zirconium iodides
NT2 iodine halides
NT3 iodine bromides
NT3 iodine chlorides
NT3 iodine fluorides
NT2 iodine oxides
NT2 oxyiodides
NT2 periodates
NT2 periodic acid
NT1 oxyhalides
NT2 oxybromides
NT2 oxychlorides
NT2 oxyfluorides
NT2 oxyiodides
RT organic halogen compounds

HALOGENATED ALICYCLIC HYDROCARBONS

2000-04-12

UF brominated alicyclic hydrocarbons
***BT1** organic halogen compounds
NT1 chlorinated alicyclic hydrocarbons
NT2 lindane
NT1 fluorinated alicyclic hydrocarbons
NT1 iodinated alicyclic hydrocarbons

HALOGENATED ALIPHATIC HYDROCARBONS

1991-09-30

(Prior to October 1991, this concept was indexed by ORGANIC HALOGEN COMPOUNDS.)

***BT1** organic halogen compounds
NT1 brominated aliphatic hydrocarbons
NT2 bromoform
NT2 methyl bromide
NT1 chlorinated aliphatic hydrocarbons
NT2 carbon tetrachloride
NT2 chloroform
NT2 methyl chloride
NT2 pvc
NT2 trichloroacetic acid
NT2 vinyl chloride
NT1 fluorinated aliphatic hydrocarbons
NT2 carbon tetrafluoride
NT2 fluoroform
NT2 methyl fluoride
NT2 polytetrafluoroethylene
NT3 teflon
NT2 tedlar
NT1 freons
NT1 iodinated aliphatic hydrocarbons
NT2 iodoform
NT2 methyl iodide
RT refrigerants

HALOGENATED AROMATIC HYDROCARBONS

1991-10-01

(Prior to October 1991, this concept was indexed by AROMATICS and ORGANIC HALOGEN COMPOUNDS.)

***BT1** aromatics
***BT1** organic halogen compounds
NT1 brominated aromatic hydrocarbons
NT1 chlorinated aromatic hydrocarbons
NT2 aldrin
NT2 polychlorinated biphenyls
NT1 fluorinated aromatic hydrocarbons
NT1 iodinated aromatic hydrocarbons

halogenated hydrocarbons

ETDE: 2002-06-13

USE organic halogen compounds

HALOGENATION

BT1 chemical reactions
NT1 astatination
NT1 bromination
NT1 chlorination
NT2 sulfochlorination
NT1 fluorination
NT1 iodination

HALOGENS

***BT1** nonmetals
NT1 astatine
NT1 bromine
NT1 chlorine
NT1 fluorine
NT1 iodine

halpern-strutinski theory

1996-07-18

(Until July 1996 this was a valid descriptor.)

SEE angular distribution

HALTHANE

INIS: 2000-04-12; ETDE: 1979-02-27

***BT1** polyurethanes

ham

USE meat

HAMADA-JOHNSTON POTENTIAL

***BT1** nucleon-nucleon potential
RT nuclear models
RT nuclear potential

HAMAOKA-1 REACTOR

Chubu Electric Power Co., Omaezaki, Shizuoka, Japan. Permanent shutdown since January 2009.

UF chubu-1 reactor
***BT1** bwr type reactors

HAMAOKA-2 REACTOR

Chubu Electric Power Co., Omaezaki, Shizuoka, Japan. Permanent shutdown since January 2009.

UF chubu-2 reactor
***BT1** bwr type reactors

HAMAOKA-3 REACTOR

Chubu Electric Power Co., Omaezaki, Shizuoka, Japan.

UF chubu-3 reactor
***BT1** bwr type reactors

HAMAOKA-4 REACTOR

1992-11-03

Chubu Electric Power Co., Omaezaki, Shizuoka, Japan.

UF chubu-4 reactor
***BT1** bwr type reactors

HAMAOKA-5 REACTOR

2000-01-31

Chubu Electric Power Co., Omaezaki, Shizuoka, Japan.

UF chubu-5 reactor

***BT1** bwr type reactors

hamburg synchrotron

USE desy

HAMILTON-JACOBI EQUATIONS

***BT1** partial differential equations
RT equations of motion
RT hamiltonian function
RT mechanics

hamilton operators

USE hamiltonians

HAMILTONIAN FUNCTION

BT1 functions
RT classical mechanics
RT equations of motion
RT hamilton-jacobi equations
RT hamiltonians
RT limit cycle

HAMILTONIANS

UF energy operators
UF hamilton operators
***BT1** quantum operators
RT detailed balance principle
RT hamiltonian function
RT integrability
RT sudden approximation

HAMM-UENTROP REACTOR

INIS: 1976-02-11; ETDE: 1976-04-19

***BT1** pwr type reactors

HAMSTERS

UF chinese hamster
UF cricetus
UF mesocricetus
UF syrian hamster
***BT1** rodents

HANARO REACTOR

INIS: 1999-01-26; ETDE: 1999-08-30

High-flux Advanced Neutron Application Reactor, KAERI, Republic of Korea.

(The term KMR REACTOR was used by INIS prior to January 1999 and by ETDE prior to September 1999.)

UF kmr reactor
***BT1** enriched uranium reactors
***BT1** isotope production reactors
***BT1** materials testing reactors
***BT1** pool type reactors
***BT1** research reactors
***BT1** test reactors

HANBIT-1 REACTOR

2017-06-09

Yonggwang, Republic of Korea.

(Prior to June 2017 this concept was indexed by YONGGWANG-1 REACTOR)

UF yonggwang-1 reactor
***BT1** pwr type reactors

HANBIT-2 REACTOR

2017-06-09

Yonggwang, Republic of Korea.

(Prior to June 2017 this concept was indexed by YONGGWANG-2 REACTOR)

UF yonggwang-2 reactor
***BT1** pwr type reactors

HANBIT-3 REACTOR

2017-06-09

Yonggwang, Republic of Korea.

(Prior to June 2017 this concept was indexed by YONGGWANG-3 REACTOR)

UF yonggwang-3 reactor

*BT1 pwr type reactors

HANBIT-4 REACTOR

2017-06-09

Yonggwang, Republic of Korea.

(Prior to June 2017 this concept was indexed by YONGGWANG-4 REACTOR)

UF yonggwang-4 reactor

*BT1 pwr type reactors

HANBIT-5 REACTOR

2017-06-09

Yonggwang, Republic of Korea.

*BT1 pwr type reactors

HANBIT-6 REACTOR

2017-06-09

Yonggwang, Republic of Korea.

*BT1 pwr type reactors

handbooks

INIS: 2000-04-12; ETDE: 1980-03-29

USE manuals

handcar event

1994-10-14

A test made during OPERATION

WHETSTONE.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions

USE underground explosions

HANDICAPPED PEOPLE

INIS: 2000-04-12; ETDE: 1980-01-15

Physically or mentally disadvantaged people.

*BT1 minority groups

RT elderly people

RT low income groups

RT sociology

handley event

1994-10-14

A test made during OPERATION MANDREL.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions

USE underground explosions

handling (data)

USE data processing

handling (materials)

USE materials handling

handling (wastes)

USE waste management

handling licenses

INIS: 1976-12-08; ETDE: 1996-02-09

If appropriate use the descriptor MATERIALS HANDLING together with the one below.

USE licenses

HANDS

*BT1 arms

NT1 fingers

RT gloves

RT manipulators

hanford-2 reactor

Washington Public Power Supply System, Richland, Washington, USA. Name changed to Washington Public Power Supply System Nuclear Project Number 2, and current items

are indexed to the abbreviated form WNP-2 REACTOR.

(Prior to August 2005 this was a valid descriptor.)

USE wnp-2 reactor

hanford 305 test reactor

2000-04-12

USE hew-305 reactor

hanford atomic products operation

USE hapo

HANFORD ENGINEERING DEVELOPMENT LABORATORY

INIS: 1995-02-16; ETDE: 1980-01-15

UF hedl

*BT1 us doe

RT ftf reactor

RT hanford reservation

RT hapo

RT washington

hanford neutron radiography facility

INIS: 1979-09-18; ETDE: 1979-01-30

USE triga-1-hanford reactor

HANFORD PRODUCTION REACTORS

*BT1 plutonium production reactors

HANFORD RESERVATION

INIS: 1976-10-29; ETDE: 1976-07-07

*BT1 us doe

*BT1 us erda

RT battelle pacific northwest laboratories

RT hanford engineering development

laboratory

RT hapo

RT pasco basin

RT washington

hankel functions

USEessel functions

HANKEL TRANSFORM

*BT1 integral transformations

hannover triga-mk-1 reactor

2000-05-12

USE triga-1-hannover reactor

hanul-1 reactor

2017-10-25

USE ulchin-1 reactor

hanul-2 reactor

2017-10-25

USE ulchin-2 reactor

hanul-3 reactor

2017-10-25

USE ulchin-3 reactor

hanul-4 reactor

2017-10-25

USE ulchin-4 reactor

hanul-6 reactor

2017-10-25

USE ulchin-6 reactor

HAPLOIDY

BT1 ploidy

RT gametes

HAPO

UF hanford atomic products operation

*BT1 us aec

*BT1 us doe

*BT1 us erda

RT battelle pacific northwest laboratories

RT hanford engineering development laboratory

RT hanford reservation

RT sequim bay

HAPTOGLOBINS

*BT1 globulins-alpha

*BT1 mucoproteins

HARANG DISCONTINUITY

UF midnight discontinuity

BT1 auroral oval

RT aurorae

RT ionosphere

HARBORS

1996-01-24

UF ports

RT inland waterways

RT marinas

RT moorings

RT seas

hard coal

INIS: 2000-03-28; ETDE: 1979-06-06

USE anthracite

HARD COLLISION MODELS

INIS: 1978-07-03; ETDE: 1978-04-05

Models which reduce the origin of high energy systems to a binary collision of the projectiles or some subunits thereof.

*BT1 particle models

HARD COMPONENT

*BT1 cosmic radiation

HARD CORE PINCH

BT1 pinch effect

RT linear hard core pinch devices

HARD-CORE POTENTIAL

1996-06-28

*BT1 nuclear potential

RT jastrow theory

RT nucleons

HARD FACING

INIS: 2000-07-24; ETDE: 1978-07-05

UF hard surfacing

UF surfacing, hard

RT cladding

RT surface coating

hard metals

ETDE: 2002-06-13

USE cermets

hard soldering

USE brazing

HARD-SPHERE MODEL

RT gases

hard surfacing

INIS: 2000-07-24; ETDE: 1978-07-05

USE hard facing

HARD X RADIATION

*BT1 x radiation

HARDENING

NT1 age hardening

NT1 dispersion hardening

NT1 precipitation hardening

NT1 quench hardening

NT1 radiation hardening

NT1 strain hardening

NT1 surface hardening

NT2 carburization

RT cold working

RT hardness

RT heat treatments

hardening (spectral)

USE spectral hardening

hardhat event

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE plowshare project

HARDNESS

Not for RADIATION HARDNESS

SF durability

BT1 mechanical properties

NT1 microhardness

RT brinell hardness

RT hardening

RT indentation testing

RT knoop hardness

RT rockwell hardness

RT vickers hardness

HARDTACK PROJECT

2000-05-16

UF project hardtack

*BT1 nuclear explosions

RT eniwetok

HARMONIC GENERATION

INIS: 2000-05-16; ETDE: 1986-01-14

UF second-harmonic generation

UF third-harmonic generation

BT1 frequency mixing

RT electromagnetic radiation

RT nonlinear optics

RT nonlinear problems

RT sound waves

HARMONIC OSCILLATOR MODELS

BT1 mathematical models

RT atomic models

RT harmonic oscillators

RT nuclear models

RT particle models

HARMONIC OSCILLATORS

RT anharmonic oscillators

RT equations of motion

RT harmonic oscillator models

RT mathematics

RT mechanics

HARMONIC POTENTIAL

*BT1 nuclear potential

harmonica devices

2000-04-12

(Prior to June 1991 this was a valid ETDE descriptor. From June 1991 till March 1997 it referred to the since-deleted descriptor

HARMONICA-2 DEVICE.)

USE thermonuclear devices

HARMONICS

Eigenfrequency oscillations excited in a vibrating system.

BT1 oscillations

NT1 cyclotron harmonics

RT lattice vibrations

RT mechanical vibrations

RT nonlinear problems

RT oscillation modes

RT plasma waves

RT resonance

HARMONIE REACTOR

CEA/CEN, Cadarache, St. Paul Lez Durance, France. Decommissioned since 2009.

*BT1 air cooled reactors

*BT1 enriched uranium reactors

*BT1 fast reactors

*BT1 research reactors

*BT1 test reactors

HARRIS-1 REACTOR

Carolina Power and Light Co., Bonsal, North Carolina, USA.

UF shearon harris-1 reactor

*BT1 pwr type reactors

HARRIS-2 REACTOR

Carolina Power and Light Co., Bonsal, North Carolina, USA. Canceled in 1983 before construction began.

UF shearon harris-2 reactor

*BT1 pwr type reactors

HARRIS-3 REACTOR

Carolina Power and Light Co., Bonsal, North Carolina, USA. Canceled in 1981 before construction began.

UF shearon harris-3 reactor

*BT1 pwr type reactors

HARRIS-4 REACTOR

Carolina Power and Light Co., Bonsal, North Carolina, USA. Canceled in 1981 before construction began.

UF shearon harris-4 reactor

*BT1 pwr type reactors

harry event

INIS: 1994-10-14; ETDE: 1981-07-06

A test made during PROJECT UPSHOT.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE atmospheric explosions

USE nuclear explosions

HARTLEPOOL REACTOR

Hartlepool, Durham, United Kingdom.

*BT1 agr type reactors

*BT1 carbon dioxide cooled reactors

*BT1 power reactors

*BT1 thermal reactors

HARTMANN NUMBER

BT1 dimensionless numbers

RT drag

RT fluid flow

RT magnetohydrodynamics

RT viscosity

hartree approximation

USE hartree-fock method

HARTREE-FOCK-BOGOLYUBOV THEORY

1976-02-11

The Hartree-Fock approach as applied to self-consistent fields in nuclei.

RT bogolyubov transformation

RT boson expansion

RT hartree-fock method

RT nuclear models

RT nuclear structure

RT self-consistent field

HARTREE-FOCK METHOD

UF fock method

UF fock self-consistent field

UF hartree approximation

*BT1 approximations

RT atomic models

RT electronic structure

RT hartree-fock-bogolyubov theory

RT nuclear models

RT nuclear structure

RT self-consistent field

HARTSVILLE-1 REACTOR

TVA, Hartsville, Tennessee, USA. Canceled in 1984 after construction began (1976).

*BT1 bwr type reactors

RT ge standard reactor

HARTSVILLE-2 REACTOR

TVA, Hartsville, Tennessee, USA. Canceled in 1984 after construction began (1976).

*BT1 bwr type reactors

RT ge standard reactor

HARTSVILLE-3 REACTOR

TVA, Hartsville, Tennessee, USA. Canceled in 1982 before construction began.

*BT1 bwr type reactors

RT ge standard reactor

HARTSVILLE-4 REACTOR

TVA, Hartsville, Tennessee, USA. Canceled in 1982 before construction began.

*BT1 bwr type reactors

RT ge standard reactor

HARVARD SYNCHROCYCLOTRON

*BT1 synchrocyclotrons

HARVEST PROCESS

INIS: 2000-04-12; ETDE: 1977-01-10

Developed by UKAEA and British Nuclear Fuels Ltd.; fission products are reduced to solid oxides, fused into a glass, then stored in metal flasks under water.

*BT1 radioactive waste processing

RT fuel cycle

RT nuclear materials management

RT radioactive waste storage

RT solidification

RT vitrification

HARVESTING

INIS: 1992-03-27; ETDE: 1976-09-14

RT agriculture

RT biomass

RT crops

RT horticulture

RT silviculture

RT wood

HARVESTING EQUIPMENT

INIS: 1999-03-08; ETDE: 1979-10-23

BT1 equipment

RT farm equipment

RT forestry

RT wood products industry

harwell pluto reactor

USE pluto reactor

HARWELL SYNCHROCYCLOTRON

*BT1 synchrocyclotrons

harwell synchrotron

USE nimrod

HASSIUM

2004-03-19

(Prior to March 2004 ELEMENT 108 was used for this element.)

UF *eka-osmium*

UF *element 108*

UF *unnilocium*

*BT1 transactinide elements

HASSIUM 263

2007-01-30

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 hassium isotopes

*BT1 heavy nuclei

HASSIUM 264

2004-03-19

(Prior to March 2004 ELEMENT 108 264 was used for this concept.)

UF *element 108 264*

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

HASSIUM 265

2004-03-19

(Prior to March 2004 ELEMENT 108 265 was used for this concept.)

- UF* *element 108 265*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 milliseconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

HASSIUM 266

2004-03-19

(Prior to March 2004 ELEMENT 108 266 was used for this concept.)

- UF* *element 108 266*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes

HASSIUM 267

2004-11-30

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes

HASSIUM 269

2007-01-30

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 seconds living radioisotopes

HASSIUM 270

2004-03-19

(Prior to March 2004 ELEMENT 108 270 was used for this concept.)

- UF* *element 108 270*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 seconds living radioisotopes

HASSIUM 271

2006-09-04

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 seconds living radioisotopes

HASSIUM 272

2007-01-30

- *BT1 even-even nuclei
- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 seconds living radioisotopes

HASSIUM 274

2007-01-30

- *BT1 even-even nuclei
- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes

HASSIUM 275

2007-01-30

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei

- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes

HASSIUM 276

2007-01-30

- *BT1 even-even nuclei
- *BT1 hassium isotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes

HASSIUM COMPOUNDS

2004-03-19

(Prior to March 2004 ELEMENT 108 COMPOUNDS was used for this concept.)

- UF* *element 108 compounds*
- *BT1 transactinide compounds

HASSIUM IONS

2018-01-24

- *BT1 ions

HASSIUM ISOTOPES

2004-03-19

(Prior to March 2004 ELEMENT 108 ISOTOPES was used for this concept.)

- UF* *element 108 isotopes*
- BT1 isotopes
- NT1 hassium 263
- NT1 hassium 264
- NT1 hassium 265
- NT1 hassium 266
- NT1 hassium 267
- NT1 hassium 269
- NT1 hassium 270
- NT1 hassium 271
- NT1 hassium 272
- NT1 hassium 274
- NT1 hassium 275
- NT1 hassium 276

HASTELLOY B

1993-10-03

- *BT1 alloy-ni65mo28fe5

HASTELLOY C

1993-10-03

- *BT1 alloy-ni54mo17cr16fe6w4

hastelloy c-276*INIS: 2000-04-12; ETDE: 1979-01-30*

- USE hastelloys

hastelloy c-4*INIS: 2000-04-12; ETDE: 1979-01-30*

- USE hastelloys

hastelloy f

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

- USE hastelloys

HASTELLOY N

1993-10-03

- *BT1 alloy-ni70mo17cr7fe5

HASTELLOY S*INIS: 1993-10-03; ETDE: 1979-08-09*

- *BT1 alloy-ni62cr16mo15fe3

HASTELLOY X

1993-10-03

- *BT1 alloy-ni49cr22fe18mo9

HASTELLOY XR*INIS: 1993-10-03; ETDE: 1982-02-23*

- *BT1 alloy-ni50cr22fe18mo9

HASTELLOYS

- UF* *hastelloy c-276*
- UF* *hastelloy c-4*
- UF* *hastelloy f*

- *BT1 nickel base alloys
- NT1 alloy-ni49cr22fe18mo9
- NT2 hastelloy x
- NT1 alloy-ni50cr22fe18mo9
- NT2 hastelloy xr
- NT1 alloy-ni54mo17cr16fe6w4
- NT2 hastelloy c
- NT1 alloy-ni62cr16mo15fe3
- NT2 hastelloy s
- NT1 alloy-ni65mo28fe5
- NT2 hastelloy b
- NT1 alloy-ni70mo17cr7fe5
- NT2 hastelloy n
- NT2 inor-8
- RT corrosion resistant alloys

HATCH-1 REACTOR*Southern Nuclear Operating Co., Inc., Baxley, Georgia, USA.**UF* *edwin i. hatch-1 reactor*

- *BT1 bwr type reactors

HATCH-2 REACTOR*Southern Nuclear Operating Co., Inc., Baxley, Georgia, USA.**UF* *edwin i. hatch-2 reactor*

- *BT1 bwr type reactors

hatchettolite

1996-06-28

(Until June 1996 this was a valid descriptor.)

- USE oxide minerals
- USE uranium minerals

HATCHING*INIS: 1992-09-18; ETDE: 1975-10-28*

- RT eggs

HATCHOBARU GEOTHERMAL FIELD*INIS: 2000-04-12; ETDE: 1977-01-31*

- BT1 geothermal fields
- RT japan

HAULAGE EQUIPMENT*INIS: 2000-04-12; ETDE: 1981-04-17*

- *BT1 materials handling equipment
- NT1 conveyors
- NT2 belt conveyors
- NT2 chain conveyors
- NT1 loaders
- NT2 cutter loaders
- NT3 coal plows
- NT3 continuous miners
- NT3 heading machines
- NT3 shearer loaders
- NT1 mine cars
- RT materials handling
- RT mine haulage
- RT mining equipment

HAUSDORFF SPACE

- *BT1 mathematical space

HAUSER-FESHBACH THEORY

- BT1 nuclear theory
- RT compound nuclei
- RT inelastic scattering
- RT nuclear reactions

HAVAR

1993-10-03

- *BT1 alloy-co43cr20fe18ni13w3

HAVEN-1 REACTOR

INIS: 1978-08-14; ETDE: 1978-06-14
 Wisconsin Electric Power Co., Haven,
 Wisconsin, USA. Canceled in 1980 before
 construction began. Standardized plant of the
 Wisconsin Utilities Project.
 (Prior to July 1978 known as
 KOSHKONONG-1 REACTOR, and older
 material is so indexed.)

UF wup-1 reactor

*BT1 pwr type reactors

NT1 koshkonong-1 reactor

HAVEN-2 REACTOR

INIS: 1978-08-14; ETDE: 1978-06-14
 Wisconsin Electric Power Co., Haven,
 Wisconsin, USA. Canceled in 1978 before
 construction began. Standardized plant of the
 Wisconsin Utilities Project.
 (Prior to July 1978 known as
 KOSHKONONG-2 REACTOR, and older
 material is so indexed.)

UF wup-2 reactor

*BT1 pwr type reactors

NT1 koshkonong-2 reactor

HAWAII

BT1 islands

*BT1 usa

RT kilauea volcano

RT pacific ocean

HAYNES 188 ALLOY

1993-10-03

*BT1 alloy-co36cr22ni22w15fe3

HAYNES 25 ALLOY

1993-10-03

*BT1 alloy-co54cr20w15ni10

HAYNES ALLOYS

1996-09-12

UF alloy-co62cr28mo6ni3

UF alloy-hs-21

UF haynes stellite no 21

*BT1 cobalt base alloys

NT1 alloy-co36cr22ni22w15fe3

NT2 haynes 188 alloy

NT1 alloy-co54cr20w15ni10

NT2 alloy-hs-25

NT2 haynes 25 alloy

NT1 alloy-co60cr30w4

NT2 stellite 6

haynes stellite 6b

1997-01-28

(Until October 1996 this was a valid
 descriptor.)

USE alloy-co60cr30w4

haynes stellite no 21

1997-01-28

(Until September 1996 this was a valid
 descriptor.)

USE haynes alloys

USE stellite

haywood model

2000-03-28

(Until July 1996 this was a valid descriptor.)

USE neutron transport theory

haz

INIS: 1984-04-25; ETDE: 1984-05-23

USE heat affected zone

HAZARDOUS MATERIALS

INIS: 1981-08-18; ETDE: 1977-01-10
 Not for RADIOACTIVE MATERIALS.

UF poisons (chemical)

BT1 materials

NT1 toxic materials

NT2 toxins

NT3 endotoxins

NT3 mycotoxins

NT4 aflatoxins

RT chemical wastes

RT detoxification

RT environmental exposure

RT lethal doses

RT nonradioactive wastes

RT toxic substances control acts

RT toxicity

RT us superfund

RT waste management

RT wastes

HAZARDOUS MATERIALS SPILLS

INIS: 1991-09-30; ETDE: 1980-01-15

(Prior to October 1991, this concept was
 indexed by HAZARDOUS MATERIALS and
 ACCIDENTS.)

UF gasoline spills

BT1 accidents

RT chemical spills

RT gas spills

RT natural attenuation

RT oil spills

RT pollution

HAZARDS

UF global risk

UF risks

NT1 fire hazards

NT1 health hazards

NT2 radiation hazards

RT accidents

RT damage

RT ethical aspects

RT excursions

RT failures

RT fires

RT human factors engineering

RT insurance

RT liabilities

RT pressure release

RT public relations

RT reliability

RT risk assessment

RT rock bursts

RT sabotage

RT safety

RT safety engineering

RT safety showers

RT workmens compensation

hazen process

INIS: 2000-04-12; ETDE: 1978-04-27

Totally dry chemical coal cleaning process in
 which the mineral component in pulverized
 coal is reacted with gaseous iron
 pentacarbonyl (toxic) which makes mineral
 sulfur and other mineral components strongly
 magnetic, so they can be separated by dry
 magnetic separation methods.

(Prior to March 1994, this was a valid ETDE
 descriptor.)

USE desulfurization

hb robinson-2

USE robinson-2 reactor

hbt-ep

INIS: 1999-07-26; ETDE: 2002-06-13

USE columbia high-beta tokamak

HBTX DEVICES

1985-11-18

*BT1 reversed-field pinch devices

RT reverse-field pinch

RT united kingdom

HBWR REACTOR

UF halden heavy boiling water reactor

*BT1 bhwr type reactors

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 power reactors

*BT1 tank type reactors

*BT1 thermal reactors

hcda

INIS: 2000-04-12; ETDE: 1983-03-07

USE reactor core disruption

HCG

UF human chorionic gonadotropin

*BT1 gonadotropins

RT gonads

HCLWR TYPE REACTORS

INIS: 1988-11-16; ETDE: 1988-12-02

High conversion light water reactors.

*BT1 plutonium reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

HCP LATTICES

UF hexagonal close packed

*BT1 hexagonal lattices

hd-556

INIS: 2000-04-12; ETDE: 1979-08-09

(Prior to November 1983 ALLOY-HD-556

was used for this concept in ETDE; from

November 1983 till March 1997 ALLOY-

FE31CR21CO20NI20MO3W2 was used for

this concept in ETDE.)

USE iron base alloys

hd 8077

INIS: 2000-04-12; ETDE: 1979-08-09

USE nickel base alloys

HDEHP

UF bis(2-ethylhexyl)phosphoric acid

UF di-2-ethylhexylphosphoric acid

SF dehpa

*BT1 phosphoric acid esters

hdo

1996-06-19

USE heavy water

HDR REACTOR

Grosswulzheim, Federal Republic of
 Germany. Permanent shutdown since April
 1971.

UF grosswulzheim hdr reactor

UF heissdampfreaktoranlage

UF kahl-main reactor

*BT1 bwr type reactors

*BT1 experimental reactors

HE-3 COUNTERS

*BT1 neutron detectors

*BT1 proportional counters

he method

INIS: 2000-04-12; ETDE: 1980-02-11

USE heat exchanger method

HEAD

1999-04-06

BT1 body

NT1 face

NT2 eyes

NT3 conjunctiva

NT3 cornea

NT3 crystalline lens

NT3 lacrimal ducts

NT3 retina

NT3 uvea

NT2 nose

RT brain
 RT carotid arteries
 RT oral cavity
 RT sense organs
 RT skull

HEAD END PROCESSES

NT1 decladding
 NT2 chemical decladding
 NT2 mechanical decladding
 NT1 voloxidation process
 RT reprocessing

HEADING MACHINES

INIS: 2000-04-12; ETDE: 1978-06-14

*BT1 cutter loaders
 RT coal mines
 RT mining

HEALING

BT1 biological recovery
 RT cell division
 RT wounds

health (public)

INIS: 1982-12-03; ETDE: 2002-06-13

USE public health

HEALTH HAZARDS

BT1 hazards
 NT1 radiation hazards
 RT drug abuse
 RT first aid
 RT injuries
 RT occupational safety
 RT preventive medicine
 RT public health
 RT quarantine
 RT radiation protection
 RT radication
 RT safety
 RT us occupational safety and health act

health insurance

INIS: 1990-12-06; ETDE: 1990-10-09

(Prior to December 1990, this was a valid descriptor.)

USE insurance

health physics

USE radiation protection

health physics research reactor

2000-04-12

USE hprr reactor

HEALTH SERVICES

INIS: 1999-12-07; ETDE: 1978-10-23

BT1 social services
 RT hospitals
 RT human populations
 RT medical establishments
 RT social impact
 RT socio-economic factors

HEARINGS

2000-05-17

UF congressional hearings
 BT1 document types
 RT administrative procedures
 RT arbitration
 RT courts
 RT dispute settlements
 RT laws
 RT lawsuits
 RT legislation
 RT licensing procedures
 RT meetings

HEART

BT1 cardiovascular system
 *BT1 organs

NT1 myocardium
 NT1 pericardium
 RT aorta
 RT blood circulation
 RT cardiac pacemakers
 RT cardiography
 RT cardiotonics
 RT cardiovascular agents
 RT chest
 RT coronaries
 RT electrocardiograms
 RT mechanical heart
 RT mediastinum

heart disease

INIS: 2000-04-12; ETDE: 1981-01-30

USE cardiovascular diseases

HEART FAILURE

INIS: 1981-08-06; ETDE: 1976-07-07

BT1 symptoms
 RT biological shock
 RT biological stress
 RT cardiovascular diseases
 RT coronaries

HEAT

2000-05-17

BT1 energy
 NT1 absorption heat
 NT1 combustion heat
 NT1 process heat
 NT2 geothermal process heat
 NT2 solar process heat
 NT1 waste heat
 RT air heaters
 RT energy recovery
 RT heat recovery
 RT heat transfer
 RT heaters
 RT heating
 RT heating load

heat (process)

INIS: 1986-03-04; ETDE: 2002-06-13

USE process heat

HEAT AFFECTED ZONE

UF haz
 BT1 zones
 RT welding

heat capacity

USE specific heat

heat dissipation

(Prior to 1985 THERMAL DIFFUSION was used for this concept.)

SEE cooling
 SEE energy losses
 SEE heat transfer
 SEE thermal diffusivity
 SEE thermal effluents

HEAT DISTRIBUTION SYSTEMS

INIS: 2000-05-04; ETDE: 1976-05-13

UF underground heat distribution systems
 BT1 energy systems
 RT district heating

heat effects

INIS: 2000-04-12; ETDE: 1975-10-28

USE temperature dependence

heat emission systems

2006-03-31

SEE heat exchangers
 SEE heating systems
 SEE space heaters

HEAT ENGINES

INIS: 1993-02-18; ETDE: 1975-09-11

A machine that converts heat into work (mechanical energy).

BT1 engines
 NT1 internal combustion engines
 NT2 diesel engines
 NT2 direct injection engines
 NT2 dual-fuel engines
 NT2 gas turbine engines
 NT2 ramjet engines
 NT2 rotary engines
 NT3 wankel engines
 NT2 spark ignition engines
 NT3 wankel engines
 NT2 stratified charge engines
 NT2 turbofan engines
 NT2 turbojet engines
 NT1 nitinol heat engines
 NT1 rankine cycle engines
 NT1 rocket engines
 NT1 solar heat engines
 NT1 stirling engines
 RT solar-assisted power systems
 RT thermodynamic cycles

HEAT EXCHANGER METHOD

INIS: 2000-04-12; ETDE: 1980-02-11

Crystal growth method which utilizes directional solidification from the melt where the temperature gradient in the solid is controlled by a heat exchanger.

UF he method
 UF schmid-vicchnicki technique
 BT1 crystal growth methods
 RT crystal growth
 RT monocrystals

HEAT EXCHANGERS

UF coolers
 UF fluidized bed heat exchangers
 SF condensers
 SF enthalpy wheels
 SF heat emission systems
 NT1 convectors
 NT1 direct contact heat exchangers
 NT1 in-vessel heat exchangers
 NT1 radiators
 NT1 water coolers
 RT cooling
 RT cooling towers
 RT evaporators
 RT heat pumps
 RT heat recovery equipment
 RT heat transfer
 RT heating
 RT isolation condensers
 RT reactor components
 RT reactor cooling systems
 RT regenerators
 RT steam condensers
 RT steam generators
 RT working fluids

HEAT EXTRACTION

INIS: 1986-03-04; ETDE: 1975-08-19

UF extraction (heat)
 RT cooling
 RT cooling time
 RT heat recovery
 RT heat recovery equipment
 RT heat transfer

heat flow

ETDE: 1994-08-18

(Prior to January 1983 HEAT TRANSFER was used for this concept.)

USE heat flux

HEAT FLUX

INIS: 1977-03-01; ETDE: 1977-04-12

UF heat flow

NT1 critical heat flux

RT burnout

RT dryout

RT heat transfer

HEAT GAIN

INIS: 2000-04-12; ETDE: 1979-02-23

*BT1 heat transfer

RT cooling load

RT direct gain systems

RT heating load

RT solar fraction

RT thermal bridges

HEAT ISLANDS

2009-01-29

Areas which are significantly warmer than their surroundings, often due to urban development or discharge of waste heat.

BT1 heat sources

RT district heating

RT urban areas

RT waste heat

HEAT LOSSES

INIS: 1976-02-05; ETDE: 1975-08-19

*BT1 energy losses

*BT1 heat transfer

RT dissipation factor

RT heat recovery equipment

RT infrared thermography

RT thermal bridges

HEAT METERS

INIS: 2000-04-12; ETDE: 1981-10-24

Devices to measure the energy flow into or out of a working fluid passing through a thermal system.

UF btu meters

*BT1 meters

HEAT MIRRORS

INIS: 2000-04-12; ETDE: 1979-02-23

Thin, transparent optical films which are reflective to long-wave infrared radiation.

BT1 mirrors

RT coatings

RT films

RT glazing materials

RT reflective coatings

RT solar control films

RT thermal insulation

RT windows

heat of absorption

USE absorption heat

heat of adsorption

USE adsorption heat

heat of combustion

USE combustion heat

heat of dissociation

USE dissociation heat

heat of formation

USE formation heat

heat of fusion

USE fusion heat

heat of mixing

USE mixing heat

heat of reaction

USE reaction heat

heat of solution

USE solution heat

heat of sublimation

USE sublimation heat

heat of transition

USE transition heat

heat of vaporization

USE vaporization heat

heat of wetting

INIS: 2000-04-12; ETDE: 1984-11-08

USE wetting heat

HEAT PIPE WICKS

INIS: 1992-07-21; ETDE: 1976-07-07

RT capillary flow

RT heat pipes

HEAT PIPES

Heat-transfer devices, frequently associated with thermionic converters. Not pipes for transporting hot fluids from place to place.

UF chemical heat pipes

RT capillary flow

RT heat pipe wicks

RT heat transfer

RT pipes

HEAT PRODUCTION

2006-03-31

*BT1 energy conversion

RT boilers

RT furnaces

RT heaters

RT microgeneration

RT space heating

HEAT PUMPS

1979-09-18

NT1 air source heat pumps

NT1 chemical heat pumps

NT1 gas heat pumps

NT1 ground source heat pumps

NT1 solar-assisted heat pumps

NT1 water source heat pumps

RT coefficient of performance

RT cooling

RT electric heating

RT heat exchangers

RT heat transfer

RT heating

RT pumps

RT refrigeration

RT working fluids

HEAT RATE

INIS: 1993-06-04; ETDE: 1986-07-25

Expression of the conversion efficiency of a power plant; for example Btu per kWhr.

BT1 efficiency

RT performance

RT thermal efficiency

RT thermal power plants

HEAT RECOVERY

1986-03-04

BT1 energy recovery

RT heat

RT heat extraction

RT heat recovery equipment

RT heat transfer

RT humidity recovery

RT waste heat utilization

HEAT RECOVERY EQUIPMENT

INIS: 1992-02-04; ETDE: 1977-06-02

BT1 equipment

RT heat exchangers

RT heat extraction

RT heat losses

RT heat recovery

RT waste heat boilers

HEAT RESISTANT MATERIALS

INIS: 1994-06-27; ETDE: 1978-11-14

BT1 materials

NT1 heat resisting alloys

NT2 alloy-co36cr22ni22w15fe3

NT3 haynes 188 alloy

NT2 alloy-co54cr20w15ni10

NT3 alloy-hs-25

NT3 haynes 25 alloy

NT2 alloy-co60cr30w4

NT3 stellite 6

NT2 alloy-d-979

NT2 alloy-fe44ni33cr21

NT3 incoloy 800h

NT2 alloy-fe46ni33cr21

NT3 incoloy 800

NT3 incoloy 802

NT2 alloy-mo99

NT3 alloy-tzm

NT3 alloy-zm-2a

NT2 alloy-n-10m

NT2 alloy-n-9m

NT2 alloy-ni41fe40cr16nb3

NT3 inconel 706

NT2 alloy-ni43fe30cr22mo3

NT3 incoloy 825

NT2 alloy-ni43fe33cr16mo3

NT3 nimonic pe16

NT2 alloy-ni46cr23co19ti5al4

NT3 alloy-in-939

NT2 alloy-ni49cr22fe18mo9

NT3 hastelloy x

NT2 alloy-ni50co20cr15al5mo5

NT3 nimonic 105

NT2 alloy-ni50cr22fe18mo9

NT3 hastelloy xr

NT2 alloy-ni50mo32cr15si3

NT2 alloy-ni51cr48

NT3 inconel 671

NT2 alloy-ni53cr19fe19nb5mo3

NT3 inconel 718

NT2 alloy-ni54cr22co13mo9

NT3 inconel 617

NT2 alloy-ni54mo17cr16fe6w4

NT3 hastelloy c

NT2 alloy-ni55cr19co11mo10ti3

NT3 rene 41

NT2 alloy-ni58cr20co14mo4ti3

NT3 waspaloy

NT2 alloy-ni59cr20co17ti2

NT2 alloy-ni59cr30fe9

NT3 inconel 690

NT2 alloy-ni60co15cr10al6ti5mo3

NT3 alloy-in-100

NT2 alloy-ni60fe24cr16

NT3 nichrome

NT2 alloy-ni61cr16co9al3ti3w3

NT3 alloy-in-738

NT2 alloy-ni61cr22mo9nb4fe3

NT3 inconel 625

NT2 alloy-ni62cr16mo15fe3

NT3 hastelloy s

NT2 alloy-ni65cr25mo10

NT3 nimonic 86

NT2 alloy-ni70mo17cr7fe5

NT3 hastelloy n

NT3 inor-8

NT2 alloy-ni73cr15fe7ti3

NT3 inconel x750

NT2 alloy-ni73cr20mn3nb3

NT3 inconel 82

NT2 alloy-ni74cr13al6mo4

NT3 inconel 713c

NT2 alloy-ni75cr12al6mo5

NT3 inconel 713lc

NT2 alloy-ni76cr15fe8
 NT3 inconel 600
 NT2 alloy-ni76cr20ti2
 NT3 nimonic 80a
 NT2 alloy-ni77cr20ti2
 NT2 alloy-nt25a5
 NT2 alloy-ra-333
 NT2 alloy-s-590
 NT2 alloy-s-816
 NT2 alloy-v-36
 NT2 alloy-zr97nb3
 NT2 alloy-zr98sn-2
 NT3 zircaloy 2
 NT2 alloy-zr98sn-4
 NT3 zircaloy 4
 NT2 enduro
 NT2 incoloy 901
 NT2 rene 80
 NT2 rene 95
 NT2 steel-cr12
 NT3 stainless steel-403
 NT2 steel-cr12moniv
 NT2 steel-cr12mov
 NT3 alloy-ht-9
 NT2 steel-cr13
 NT3 stainless steel-410
 NT2 steel-cr13al
 NT3 stainless steel-405
 NT2 steel-cr15ni15motib
 NT2 steel-cr16
 NT3 stainless steel-430
 NT2 steel-cr16ni
 NT2 steel-cr16ni13monbv
 NT2 steel-cr16ni15mo3nb
 NT2 steel-cr16ni16monb
 NT2 steel-cr16ni8mo2
 NT3 stainless steel-16-8-2
 NT2 steel-cr17cu4ni4nb-l
 NT3 stainless steel-17-4ph
 NT2 steel-cr17mo
 NT3 stainless steel-440
 NT2 steel-cr17ni12mo3
 NT3 stainless steel-316
 NT2 steel-cr17ni12mo3-l
 NT3 stainless steel-316l
 NT3 stainless steel-zcnd17-13
 NT2 steel-cr17ni12monb
 NT2 steel-cr17ni13
 NT2 steel-cr17ni13mo2ti
 NT2 steel-cr17ni13mo3ti
 NT2 steel-cr17ni4mo3
 NT2 steel-cr17ni7
 NT3 stainless steel-301
 NT2 steel-cr18ni10
 NT3 stainless steel-18-10
 NT2 steel-cr18ni10-l
 NT2 steel-cr18ni10ti
 NT3 stainless steel-321
 NT2 steel-cr18ni11
 NT3 steel-x6crni1811
 NT2 steel-cr18ni11nb
 NT3 stainless steel-347
 NT2 steel-cr18ni11nbco
 NT3 stainless steel-348
 NT2 steel-cr18ni12
 NT3 stainless steel-305
 NT2 steel-cr18ni12ti
 NT2 steel-cr18ni8
 NT3 stainless steel-18-8
 NT2 steel-cr18ni9
 NT3 stainless steel-302
 NT2 steel-cr18ni9ti
 NT2 steel-cr19ni10
 NT3 stainless steel-304
 NT2 steel-cr19ni10-l
 NT3 stainless steel-304l
 NT2 steel-cr20ni11
 NT3 stainless steel-308
 NT2 steel-cr20ni11-l

NT3 stainless steel-308l
 NT2 steel-cr21mn9ni6
 NT3 stainless steel-21-6-9
 NT2 steel-cr23ni14
 NT3 stainless steel-309
 NT3 stainless steel-309s
 NT2 steel-cr23ni18
 NT2 steel-cr25
 NT3 stainless steel-446
 NT2 steel-cr25ni20
 NT3 alloy-hk-40
 NT3 stainless steel-310
 NT2 steel-cr2monib
 NT2 steel-cr2mov
 NT2 steel-ni25cr20
 NT3 stainless steel-20-25
 NT2 steel-ni26cr15ti2movalb
 NT3 alloy-a-286
 NT2 steel-nimocr
 NT2 tophet
 NT2 tribaloy 800
 NT2 udimet alloys
 NT3 alloy-ni53co19cr15mo5al4ti3
 NT4 udimet 700
 NT3 udimet 500
 RT refractories

HEAT RESISTING ALLOYS

1996-11-13

UF refractory alloys
 UF superalloys
 BT1 alloys
 *BT1 heat resistant materials
 NT1 alloy-co36cr22ni22w15fe3
 NT2 haynes 188 alloy
 NT1 alloy-co54cr20w15ni10
 NT2 alloy-hs-25
 NT2 haynes 25 alloy
 NT1 alloy-co60cr30w4
 NT2 stellite 6
 NT1 alloy-d-979
 NT1 alloy-fe44ni33cr21
 NT2 incoloy 800h
 NT1 alloy-fe46ni33cr21
 NT2 incoloy 800
 NT2 incoloy 802
 NT1 alloy-mo99
 NT2 alloy-tzm
 NT2 alloy-zm-2a
 NT1 alloy-n-10m
 NT1 alloy-n-9m
 NT1 alloy-ni41fe40cr16nb3
 NT2 inconel 706
 NT1 alloy-ni43fe30cr22mo3
 NT2 incoloy 825
 NT1 alloy-ni43fe33cr16mo3
 NT2 nimonic pe16
 NT1 alloy-ni46cr23co19ti5al4
 NT2 alloy-in-939
 NT1 alloy-ni49cr22fe18mo9
 NT2 hastelloy x
 NT1 alloy-ni50co20cr15al5mo5
 NT2 nimonic 105
 NT1 alloy-ni50cr22fe18mo9
 NT2 hastelloy xr
 NT1 alloy-ni50mo32cr15si3
 NT1 alloy-ni51cr48
 NT2 inconel 671
 NT1 alloy-ni53cr19fe19nb5mo3
 NT2 inconel 718
 NT1 alloy-ni54cr22co13mo9
 NT2 inconel 617
 NT1 alloy-ni54mo17cr16fe6w4
 NT2 hastelloy c
 NT1 alloy-ni55cr19co11mo10ti3
 NT2 rene 41
 NT1 alloy-ni58cr20co14mo4ti3
 NT2 waspaloy
 NT1 alloy-ni59cr20co17ti2

NT1 alloy-ni59cr30fe9
 NT2 inconel 690
 NT1 alloy-ni60co15cr10al6ti5mo3
 NT2 alloy-in-100
 NT1 alloy-ni60fe24cr16
 NT2 nichrome
 NT1 alloy-ni61cr16co9al3ti3w3
 NT2 alloy-in-738
 NT1 alloy-ni61cr22mo9nb4fe3
 NT2 inconel 625
 NT1 alloy-ni62cr16mo15fe3
 NT2 hastelloy s
 NT1 alloy-ni65cr25mo10
 NT2 nimonic 86
 NT1 alloy-ni70mo17cr7fe5
 NT2 hastelloy n
 NT2 inor-8
 NT1 alloy-ni73cr15fe7ti3
 NT2 inconel x750
 NT1 alloy-ni73cr20mn3nb3
 NT2 inconel 82
 NT1 alloy-ni74cr13al6mo4
 NT2 inconel 713c
 NT1 alloy-ni75cr12al6mo5
 NT2 inconel 713lc
 NT1 alloy-ni76cr15fe8
 NT2 inconel 600
 NT1 alloy-ni76cr20ti2
 NT2 nimonic 80a
 NT1 alloy-ni77cr20ti2
 NT1 alloy-nt25a5
 NT1 alloy-ra-333
 NT1 alloy-s-590
 NT1 alloy-s-816
 NT1 alloy-v-36
 NT1 alloy-zr97nb3
 NT1 alloy-zr98sn-2
 NT2 zircaloy 2
 NT1 alloy-zr98sn-4
 NT2 zircaloy 4
 NT1 enduro
 NT1 incoloy 901
 NT1 rene 80
 NT1 rene 95
 NT1 steel-cr12
 NT2 stainless steel-403
 NT1 steel-cr12moniv
 NT1 steel-cr12mov
 NT2 alloy-ht-9
 NT1 steel-cr13
 NT2 stainless steel-410
 NT1 steel-cr13al
 NT2 stainless steel-405
 NT1 steel-cr15ni15motib
 NT1 steel-cr16
 NT2 stainless steel-430
 NT1 steel-cr16ni
 NT1 steel-cr16ni13monbv
 NT1 steel-cr16ni15mo3nb
 NT1 steel-cr16ni16monb
 NT1 steel-cr16ni8mo2
 NT2 stainless steel-16-8-2
 NT1 steel-cr17cu4ni4nb-l
 NT2 stainless steel-17-4ph
 NT1 steel-cr17mo
 NT2 stainless steel-440
 NT1 steel-cr17ni12mo3
 NT2 stainless steel-316
 NT1 steel-cr17ni12mo3-l
 NT2 stainless steel-316l
 NT2 stainless steel-zcnd17-13
 NT1 steel-cr17ni12monb
 NT1 steel-cr17ni13
 NT1 steel-cr17ni13mo2ti
 NT1 steel-cr17ni13mo3ti
 NT1 steel-cr17ni4mo3
 NT1 steel-cr17ni7
 NT2 stainless steel-301

NT2 stainless steel-18-10
 NT1 steel-cr18ni10-l
 NT1 steel-cr18ni10ti
 NT2 stainless steel-321
 NT1 steel-cr18ni11
 NT2 steel-x6crni1811
 NT1 steel-cr18ni11nb
 NT2 stainless steel-347
 NT1 steel-cr18ni11nbco
 NT2 stainless steel-348
 NT1 steel-cr18ni12
 NT2 stainless steel-305
 NT1 steel-cr18ni12ti
 NT1 steel-cr18ni8
 NT2 stainless steel-18-8
 NT1 steel-cr18ni9
 NT2 stainless steel-302
 NT1 steel-cr18ni9ti
 NT1 steel-cr19ni10
 NT2 stainless steel-304
 NT1 steel-cr19ni10-l
 NT2 stainless steel-304l
 NT1 steel-cr20ni11
 NT2 stainless steel-308
 NT1 steel-cr20ni11-l
 NT2 stainless steel-308l
 NT1 steel-cr21mn9ni6
 NT2 stainless steel-21-6-9
 NT1 steel-cr23ni14
 NT2 stainless steel-309
 NT2 stainless steel-309s
 NT1 steel-cr23ni18
 NT1 steel-cr25
 NT2 stainless steel-446
 NT1 steel-cr25ni20
 NT2 alloy-hk-40
 NT2 stainless steel-310
 NT1 steel-cr2moninb
 NT1 steel-cr2mov
 NT1 steel-ni25cr20
 NT2 stainless steel-20-25
 NT1 steel-ni26cr15ti2movallb
 NT2 alloy-a-286
 NT1 steel-nimocr
 NT1 tophet
 NT1 tribaloy 800
 NT1 udimet alloys
 NT2 alloy-ni53co19cr15mo5al4ti3
 NT3 udimet 700
 NT2 udimet 500
 RT austenitic steels
 RT refractories
 RT refractory metals
 RT stainless steels

HEAT-SHOCK PROTEINS

INIS: 1994-08-04; ETDE: 1994-07-19

A group of highly conserved proteins involved in folding and assembly of proteins into functional macromolecules that are also crucial for a cell's adaptation to elevated temperatures.

UF chaperonins
 *BT1 proteins
 RT biological adaptation

HEAT SINKS

(From May 1981 to February 1997 COLD RECOVERY was a valid ETDE descriptor.)

SF cold recovery
 BT1 sinks
 RT heat sources
 RT heat transfer
 RT thermal effluents
 RT thermodynamics
 RT vapor condensers
 RT waste heat

HEAT SOURCES

INIS: 1993-02-05; ETDE: 1976-01-07

NT1 heat islands
 NT1 radioisotope heat sources
 RT heat sinks
 RT heat transfer

heat sources (radioisotope)

USE radioisotope heat sources

heat stability

INIS: 1984-04-04; ETDE: 2002-06-13

USE sensitivity
 USE thermal degradation

HEAT STORAGE

1979-01-18

UF thermal storage
 *BT1 energy storage
 NT1 latent heat storage
 NT1 seasonal thermal energy storage
 NT1 sensible heat storage
 NT1 thermochemical heat storage
 RT cold storage
 RT energy storage systems
 RT regeneration
 RT regenerators
 RT rock beds
 RT thermal energy storage equipment
 RT thermic diode solar panels

heat storage devices

INIS: 2000-04-12; ETDE: 1976-05-13

USE thermal energy storage equipment

heat storage systems

INIS: 2000-04-12; ETDE: 1976-08-26

USE thermal energy storage equipment

HEAT STRESS

2003-09-19

For biological heat stress only; for mechanical heat stress use THERMAL STRESSES.

BT1 biological stress
 RT body temperature
 RT droughts
 RT fever
 RT hyperthermia
 RT transpiration

HEAT TRANSFER

UF exchange (heat)
 UF heat transmission
 UF transfer (heat)
 UF transmission (heat)
 SF heat dissipation
 BT1 energy transfer
 NT1 convection
 NT2 forced convection
 NT2 natural convection
 NT2 thermosyphon effect
 NT1 heat gain
 NT1 heat losses
 NT1 radiant heat transfer
 NT1 thermal conduction
 RT ablation
 RT boilers
 RT boiling
 RT burnout
 RT calorimetry
 RT continuity equations
 RT cooling
 RT critical heat flux
 RT district heating
 RT fluid flow
 RT fourier heat equation
 RT greenhouse effect
 RT heat
 RT heat exchangers
 RT heat extraction

RT heat flux
 RT heat pipes
 RT heat pumps
 RT heat recovery
 RT heat sinks
 RT heat sources
 RT heat transfer fluids
 RT heaters
 RT heating
 RT hot spots
 RT lewis number
 RT nucleate boiling
 RT prandtl number
 RT reactor cooling systems
 RT rewetting
 RT righi-leduc effect
 RT rosseland approximation
 RT steam condensers
 RT steam generators
 RT thermal boundary resistance
 RT thermal conductivity
 RT thermal diffusion
 RT thermal insulation
 RT thermal radiation
 RT thermodynamics
 RT thermonuclear reactor cooling systems
 RT thermosyphons
 RT two-phase flow
 RT u values
 RT vapor condensation
 RT working fluids

HEAT TRANSFER FLUIDS

INIS: 1999-12-07; ETDE: 1978-04-28

BT1 fluids
 RT black liquids
 RT coolant loops
 RT heat transfer
 RT heating loops
 RT working fluids

heat transfer properties

INIS: 2000-04-12; ETDE: 1976-08-24
 USE thermodynamic properties

heat transmission

USE heat transfer

HEAT TREATMENTS

In metallurgy as well as for the biological effects of heat.

UF preheating
 NT1 annealing
 NT1 autohydrolysis
 NT1 quench hardening
 NT1 tempering
 NT1 thermomechanical treatments
 RT aging
 RT controlled atmospheres
 RT critical temperature
 RT curing
 RT decarburization
 RT food processing
 RT grain refinement
 RT hardening
 RT heating
 RT nucleic acid denaturation
 RT protein denaturation
 RT quenching
 RT recrystallization
 RT stress relaxation
 RT thermal shock

heated effluents

USE thermal effluents

heater oil

INIS: 2000-04-12; ETDE: 1976-03-11
 USE heating oils

HEATERS

- NT1 air heaters
- NT2 solar air heaters
- NT1 feedwater heaters
- NT1 radiant heaters
- NT1 space heaters
- NT2 convectors
- NT1 thermoelectric heaters
- NT1 water heaters
 - NT2 solar water heaters
 - NT3 passive solar water heaters
 - NT4 thermic diode solar panels
- RT heat
- RT heat production
- RT heat transfer

HEATING

1999-01-22

- NT1 aerodynamic heating
- NT1 baking
- NT1 district heating
 - NT2 geothermal district heating
 - NT2 solar district heating
- NT1 electric heating
- NT2 joule heating
 - NT3 current-drive heating
 - NT2 radiant cable heating
- NT1 flash heating
- NT1 geothermal heating
 - NT2 geothermal district heating
 - NT2 geothermal space heating
 - NT2 geothermal water heating
- NT1 microwave heating
- NT1 plasma heating
 - NT2 adiabatic compression heating
 - NT2 beam injection heating
 - NT2 high-frequency heating
 - NT3 ecr heating
 - NT3 icr heating
 - NT3 lower hybrid heating
 - NT3 magnetic-pumping heating
 - NT4 acoustic heating
 - NT4 collisional heating
 - NT4 transit-time magnetic pumping
- NT2 joule heating
 - NT3 current-drive heating
- NT2 laser-radiation heating
- NT2 shock heating
- NT2 turbulent heating
- NT1 radiation heating
- NT1 solar heating
 - NT2 solar district heating
 - NT2 solar space heating
 - NT2 solar water heating
- NT1 space heating
 - NT2 auxiliary heating
 - NT2 baseboard heating
 - NT2 geothermal space heating
 - NT2 solar space heating
- NT1 superheating
 - NT2 nuclear superheating
- NT1 water heating
 - NT2 geothermal water heating
 - NT2 solar water heating
- RT air conditioning
- RT air heaters
- RT annual cycle energy system
- RT blisters
- RT boiling
- RT cooling
- RT heat
- RT heat exchangers
- RT heat pumps
- RT heat transfer
- RT heat treatments
- RT heating rate
- RT ices program
- RT incubation
- RT melting

- RT retorting
- RT subterrene penetrators
- RT temperature control
- RT thermal degradation

heating floors

2006-03-31

- USE floors
- USE heating systems

HEATING LOAD

INIS: 2000-04-12; ETDE: 1975-09-30

- RT air conditioning
- RT cooling load
- RT enthalpy
- RT heat
- RT heat gain
- RT load collector ratio
- RT solar fraction
- RT solar heating

HEATING LOOPS

2007-07-27

- *BT1 heating systems
- RT coolant loops
- RT heat transfer fluids

HEATING OILS

INIS: 1992-01-09; ETDE: 1976-03-11

- UF burner fuel oil
- UF distillate fuel
- UF distillate fuel oil
- UF furnace oil
- UF heater oil
- UF no. 2 fuel oil
- *BT1 fuel oils
- RT liquefied petroleum gases

HEATING RATE

INIS: 1986-03-04; ETDE: 1976-12-15

- RT heating
- RT time dependence

HEATING SYSTEMS

INIS: 1999-01-22; ETDE: 1977-05-07

- UF heating floors
- SF heat emission systems
- SF thermally active structural components
- BT1 energy systems
- NT1 geothermal heating systems
- NT1 heating loops
- NT1 solar heating systems
 - NT2 passive solar heating systems
 - NT3 bead walls
 - NT3 direct gain systems
 - NT3 drum walls
 - NT3 roof ponds
 - NT3 thermic diode solar panels
 - NT3 trombe walls
 - NT3 water walls
 - NT2 solar-assisted heat pumps
- RT chemical heat pumps
- RT district heating
- RT space heating
- RT space hvac systems

heavy fuels

INIS: 1992-05-21; ETDE: 1976-01-23

- USE residual fuels

HEAVY ION ACCELERATORS

INIS: 1976-02-11; ETDE: 1975-11-11

Includes combined accelerator types for heavy ion acceleration.

- BT1 accelerators
- NT1 brookhaven rhic
- NT1 calcutta cyclotron
- NT1 cracow u-120 cyclotron
- NT1 crnl superconducting cyclotron
- NT1 cyclone cyclotron

- NT1 ganil cyclotron
- NT1 hhirlf accelerator
- NT1 hilacs
 - NT2 atlas superconducting linac
 - NT2 superhilac
- NT1 himac accelerator
- NT1 hirfl cyclotron
- NT1 ipcr cyclotron
- NT1 jinr dc-110 cyclotron
- NT1 jinr u-400 cyclotron
- NT1 jinr u-400m cyclotron
- NT1 kvi cyclotron
- NT1 milan superconducting cyclotron
- NT1 munich suse cyclotron
- NT1 nac cyclotron
- NT1 nica collider
- NT1 numatron accelerator
- NT1 rcnp cyclotron
- NT1 rilac
- NT1 sis synchrotron
- NT1 texas superconducting cyclotron
- NT1 tohoku cyclotron
- NT1 tokyo ins cyclotron
- NT1 unilac
- NT1 vicksi accelerator
- NT1 warsaw cyclotron
- RT heavy ions

HEAVY ION DECAY RADIOISOTOPES

INIS: 1995-06-29; ETDE: 1989-06-23

- *BT1 radioisotopes
 - NT1 carbon 12 decay radioisotopes
 - NT2 barium 114
 - NT1 carbon 14 decay radioisotopes
 - NT2 radium 222
 - NT2 radium 223
 - NT2 radium 224
 - NT2 radium 226
 - NT1 magnesium 28 decay radioisotopes
 - NT2 plutonium 236
 - NT2 uranium 234
 - NT1 neon 24 decay radioisotopes
 - NT2 protactinium 231
 - NT2 thorium 230
 - NT2 uranium 232
 - NT2 uranium 233
 - NT2 uranium 234
 - NT1 silicon 32 decay radioisotopes
 - NT2 plutonium 238
- RT heavy ion emission decay

HEAVY ION EMISSION DECAY

INIS: 1986-03-04; ETDE: 1988-07-08

- *BT1 nuclear decay
 - NT1 carbon 12 emission decay
 - NT1 carbon 14 emission decay
 - NT1 carbon 16 emission decay
 - NT1 magnesium 28 emission decay
 - NT1 magnesium 30 emission decay
 - NT1 neon 24 emission decay
 - NT1 oxygen 16 emission decay
 - NT1 silicon 32 emission decay
 - NT1 silicon 34 emission decay
- RT cold fission
- RT heavy ion decay radioisotopes

HEAVY ION FUSION REACTIONS

ETDE: 1977-01-31

Endoenergetic fusion reactions.

- UF fusion reactions (endoenergetic)
- UF fusion reactions (heavy ion)
- SF fusion reactions
- *BT1 heavy ion reactions
- *BT1 nucleosynthesis
 - RT compound-nucleus reactions
 - RT deep inelastic heavy ion reactions
 - RT incomplete fusion reactions
 - RT quasi-fission
 - RT thermonuclear reactions

heavy ion linear accelerators

USE hilacs

HEAVY ION REACTIONS

1995-05-03

BT1 nuclear reactions
 NT1 aluminium 27 reactions
 NT1 argon 36 reactions
 NT1 argon 40 reactions
 NT1 beryllium 11 reactions
 NT1 beryllium 7 reactions
 NT1 beryllium 8 reactions
 NT1 beryllium 9 reactions
 NT1 bismuth 209 reactions
 NT1 boron 10 reactions
 NT1 boron 11 reactions
 NT1 boron 8 reactions
 NT1 bromine 79 reactions
 NT1 bromine 81 reactions
 NT1 calcium 40 reactions
 NT1 calcium 42 reactions
 NT1 calcium 44 reactions
 NT1 calcium 48 reactions
 NT1 carbon 12 reactions
 NT1 carbon 13 reactions
 NT1 carbon 14 reactions
 NT1 chlorine 35 reactions
 NT1 chlorine 37 reactions
 NT1 chromium 52 reactions
 NT1 chromium 54 reactions
 NT1 cobalt 59 reactions
 NT1 copper 63 reactions
 NT1 copper 65 reactions
 NT1 deep inelastic heavy ion reactions
 NT1 dysprosium 161 reactions
 NT1 erbium 166 reactions
 NT1 fluorine 19 reactions
 NT1 gadolinium 155 reactions
 NT1 germanium 70 reactions
 NT1 germanium 74 reactions
 NT1 germanium 76 reactions
 NT1 gold 197 reactions
 NT1 heavy ion fusion reactions
 NT1 helium 6 reactions
 NT1 helium 8 reactions
 NT1 holmium 165 reactions
 NT1 incomplete fusion reactions
 NT1 iodine 127 reactions
 NT1 iron 54 reactions
 NT1 iron 56 reactions
 NT1 iron 58 reactions
 NT1 krypton 80 reactions
 NT1 krypton 82 reactions
 NT1 krypton 83 reactions
 NT1 krypton 84 reactions
 NT1 krypton 86 reactions
 NT1 lanthanum 139 reactions
 NT1 lead 206 reactions
 NT1 lead 208 reactions
 NT1 lithium 11 reactions
 NT1 lithium 6 reactions
 NT1 lithium 7 reactions
 NT1 lithium 8 reactions
 NT1 lithium 9 reactions
 NT1 magnesium 24 reactions
 NT1 magnesium 25 reactions
 NT1 magnesium 26 reactions
 NT1 manganese 55 reactions
 NT1 molybdenum 100 reactions
 NT1 molybdenum 92 reactions
 NT1 molybdenum 96 reactions
 NT1 molybdenum 98 reactions
 NT1 neodymium 142 reactions
 NT1 neodymium 150 reactions
 NT1 neon 20 reactions
 NT1 neon 22 reactions
 NT1 neon 29 reactions
 NT1 nickel 58 reactions
 NT1 nickel 59 reactions

NT1 nickel 60 reactions
 NT1 nickel 61 reactions
 NT1 nickel 62 reactions
 NT1 nickel 64 reactions
 NT1 niobium 93 reactions
 NT1 nitrogen 13 reactions
 NT1 nitrogen 14 reactions
 NT1 nitrogen 15 reactions
 NT1 oxygen 14 reactions
 NT1 oxygen 16 reactions
 NT1 oxygen 17 reactions
 NT1 oxygen 18 reactions
 NT1 palladium 110 reactions
 NT1 palladium 118 reactions
 NT1 phosphorus 31 reactions
 NT1 potassium 39 reactions
 NT1 quasi-fission
 NT1 ruthenium 104 reactions
 NT1 samarium 144 reactions
 NT1 samarium 154 reactions
 NT1 scandium 45 reactions
 NT1 selenium 76 reactions
 NT1 selenium 80 reactions
 NT1 selenium 82 reactions
 NT1 silicon 28 reactions
 NT1 silicon 29 reactions
 NT1 silicon 30 reactions
 NT1 silver 109 reactions
 NT1 sodium 23 reactions
 NT1 sulfur 32 reactions
 NT1 sulfur 33 reactions
 NT1 sulfur 34 reactions
 NT1 sulfur 36 reactions
 NT1 sulfur 39 reactions
 NT1 tellurium 130 reactions
 NT1 thallium 205 reactions
 NT1 thorium 232 reactions
 NT1 tin 112 reactions
 NT1 tin 116 reactions
 NT1 tin 118 reactions
 NT1 tin 120 reactions
 NT1 tin 122 reactions
 NT1 tin 124 reactions
 NT1 titanium 46 reactions
 NT1 titanium 48 reactions
 NT1 titanium 49 reactions
 NT1 titanium 50 reactions
 NT1 tungsten 183 reactions
 NT1 tungsten 184 reactions
 NT1 uranium 235 reactions
 NT1 uranium 238 reactions
 NT1 vanadium 51 reactions
 NT1 xenon 129 reactions
 NT1 xenon 132 reactions
 NT1 xenon 134 reactions
 NT1 xenon 136 reactions
 NT1 zinc 64 reactions
 NT1 zinc 68 reactions
 NT1 zinc 70 reactions
 NT1 zirconium 90 reactions
 NT1 zirconium 92 reactions
 NT1 zirconium 96 reactions
 RT anomalous
 RT hilacs
 RT nica mpd detector
 RT nuclear fireball model

heavy ion research facility lanzhou cyclotron

INIS: 1993-11-08; ETDE: 2002-06-13

USE hirfl cyclotron

HEAVY ION SPECTROMETERS

*BT1 spectrometers

HEAVY IONS

Whenever appropriate use one of the specific terms listed under ION BEAMS.

*BT1 ions
 RT ganil cyclotron

RT heavy ion accelerators
 RT hhirf accelerator
 RT hilacs
 RT ion beams
 RT ion detection
 RT multicharged ions

HEAVY LEPTONS

*BT1 leptons
 NT1 heavy neutral muons
 NT1 tau neutrinos
 NT1 tau particles

HEAVY LIQUID BUBBLE CHAMBERS

*BT1 bubble chambers

HEAVY MEDIA SEPARATION

INIS: 1992-07-20; ETDE: 1979-12-10

BT1 separation processes
 NT1 otisca process
 RT cleaning
 RT coal preparation
 RT washing

HEAVY METALS

2006-06-01

Metals with $Z > 28$, which are a major source of environmental pollution. Index the specific heavy metal(s) if appropriate.

*BT1 metals
 RT environmental impacts
 RT pollution
 RT pollution abatement
 RT toxic materials

HEAVY NEUTRAL MUONS

INIS: 1993-03-24; ETDE: 1979-08-09

UF muons, heavy neutral

*BT1 heavy leptons
 *BT1 postulated particles
 RT muons

HEAVY NUCLEI

1997-06-05

For nuclei from mass 181 upwards.

BT1 nuclei
 NT1 actinide nuclei
 NT2 actinium 206
 NT2 actinium 207
 NT2 actinium 208
 NT2 actinium 209
 NT2 actinium 210
 NT2 actinium 211
 NT2 actinium 212
 NT2 actinium 213
 NT2 actinium 214
 NT2 actinium 215
 NT2 actinium 216
 NT2 actinium 217
 NT2 actinium 218
 NT2 actinium 219
 NT2 actinium 220
 NT2 actinium 221
 NT2 actinium 222
 NT2 actinium 223
 NT2 actinium 224
 NT2 actinium 225
 NT2 actinium 226
 NT2 actinium 227
 NT2 actinium 228
 NT2 actinium 229
 NT2 actinium 230
 NT2 actinium 231
 NT2 actinium 232
 NT2 actinium 233
 NT2 actinium 234
 NT2 actinium 235
 NT2 actinium 236
 NT2 americium 231
 NT2 americium 232

NT2	americium 233	NT2	einsteinium 240	NT2	neptunium 230
NT2	americium 234	NT2	einsteinium 241	NT2	neptunium 231
NT2	americium 235	NT2	einsteinium 242	NT2	neptunium 232
NT2	americium 236	NT2	einsteinium 243	NT2	neptunium 233
NT2	americium 237	NT2	einsteinium 244	NT2	neptunium 234
NT2	americium 238	NT2	einsteinium 245	NT2	neptunium 235
NT2	americium 239	NT2	einsteinium 246	NT2	neptunium 236
NT2	americium 240	NT2	einsteinium 247	NT2	neptunium 237
NT2	americium 241	NT2	einsteinium 248	NT2	neptunium 238
NT2	americium 242	NT2	einsteinium 249	NT2	neptunium 239
NT2	americium 243	NT2	einsteinium 250	NT2	neptunium 240
NT2	americium 244	NT2	einsteinium 251	NT2	neptunium 241
NT2	americium 245	NT2	einsteinium 252	NT2	neptunium 242
NT2	americium 246	NT2	einsteinium 253	NT2	neptunium 243
NT2	americium 247	NT2	einsteinium 254	NT2	neptunium 244
NT2	americium 248	NT2	einsteinium 255	NT2	nobelium 248
NT2	americium 249	NT2	einsteinium 256	NT2	nobelium 250
NT2	berkelium 235	NT2	einsteinium 257	NT2	nobelium 251
NT2	berkelium 236	NT2	einsteinium 258	NT2	nobelium 252
NT2	berkelium 237	NT2	fermium 241	NT2	nobelium 253
NT2	berkelium 238	NT2	fermium 242	NT2	nobelium 254
NT2	berkelium 239	NT2	fermium 243	NT2	nobelium 255
NT2	berkelium 240	NT2	fermium 244	NT2	nobelium 256
NT2	berkelium 241	NT2	fermium 245	NT2	nobelium 257
NT2	berkelium 242	NT2	fermium 246	NT2	nobelium 258
NT2	berkelium 243	NT2	fermium 247	NT2	nobelium 259
NT2	berkelium 244	NT2	fermium 248	NT2	nobelium 260
NT2	berkelium 245	NT2	fermium 249	NT2	nobelium 261
NT2	berkelium 246	NT2	fermium 250	NT2	nobelium 262
NT2	berkelium 247	NT2	fermium 251	NT2	nobelium 263
NT2	berkelium 248	NT2	fermium 252	NT2	nobelium 264
NT2	berkelium 249	NT2	fermium 253	NT2	plutonium 228
NT2	berkelium 250	NT2	fermium 254	NT2	plutonium 229
NT2	berkelium 251	NT2	fermium 255	NT2	plutonium 230
NT2	berkelium 252	NT2	fermium 256	NT2	plutonium 231
NT2	berkelium 253	NT2	fermium 257	NT2	plutonium 232
NT2	berkelium 254	NT2	fermium 258	NT2	plutonium 233
NT2	californium 236	NT2	fermium 259	NT2	plutonium 234
NT2	californium 237	NT2	fermium 260	NT2	plutonium 235
NT2	californium 238	NT2	fermium 264	NT2	plutonium 236
NT2	californium 239	NT2	lawrencium 251	NT2	plutonium 237
NT2	californium 240	NT2	lawrencium 252	NT2	plutonium 238
NT2	californium 241	NT2	lawrencium 253	NT2	plutonium 239
NT2	californium 242	NT2	lawrencium 254	NT2	plutonium 240
NT2	californium 243	NT2	lawrencium 255	NT2	plutonium 241
NT2	californium 244	NT2	lawrencium 256	NT2	plutonium 242
NT2	californium 245	NT2	lawrencium 257	NT2	plutonium 243
NT2	californium 246	NT2	lawrencium 258	NT2	plutonium 244
NT2	californium 247	NT2	lawrencium 259	NT2	plutonium 245
NT2	californium 248	NT2	lawrencium 260	NT2	plutonium 246
NT2	californium 249	NT2	lawrencium 261	NT2	plutonium 247
NT2	californium 250	NT2	lawrencium 262	NT2	plutonium 248
NT2	californium 251	NT2	lawrencium 263	NT2	plutonium 250
NT2	californium 252	NT2	lawrencium 264	NT2	protactinium 212
NT2	californium 253	NT2	lawrencium 265	NT2	protactinium 213
NT2	californium 254	NT2	lawrencium 266	NT2	protactinium 214
NT2	californium 255	NT2	mendelevium 245	NT2	protactinium 215
NT2	californium 256	NT2	mendelevium 246	NT2	protactinium 216
NT2	curium 232	NT2	mendelevium 247	NT2	protactinium 217
NT2	curium 233	NT2	mendelevium 248	NT2	protactinium 218
NT2	curium 234	NT2	mendelevium 249	NT2	protactinium 219
NT2	curium 235	NT2	mendelevium 250	NT2	protactinium 220
NT2	curium 236	NT2	mendelevium 251	NT2	protactinium 221
NT2	curium 237	NT2	mendelevium 252	NT2	protactinium 222
NT2	curium 238	NT2	mendelevium 253	NT2	protactinium 223
NT2	curium 239	NT2	mendelevium 254	NT2	protactinium 224
NT2	curium 240	NT2	mendelevium 255	NT2	protactinium 225
NT2	curium 241	NT2	mendelevium 256	NT2	protactinium 226
NT2	curium 242	NT2	mendelevium 257	NT2	protactinium 227
NT2	curium 243	NT2	mendelevium 258	NT2	protactinium 228
NT2	curium 244	NT2	mendelevium 259	NT2	protactinium 229
NT2	curium 245	NT2	mendelevium 260	NT2	protactinium 230
NT2	curium 246	NT2	mendelevium 261	NT2	protactinium 231
NT2	curium 247	NT2	mendelevium 262	NT2	protactinium 232
NT2	curium 248	NT2	neptunium 225	NT2	protactinium 233
NT2	curium 249	NT2	neptunium 226	NT2	protactinium 234
NT2	curium 250	NT2	neptunium 227	NT2	protactinium 235
NT2	curium 251	NT2	neptunium 228	NT2	protactinium 236
NT2	curium 252	NT2	neptunium 229	NT2	protactinium 237

NT2	protactinium 238	NT1	astatine 210	NT1	dubnium 258
NT2	protactinium 239	NT1	astatine 211	NT1	dubnium 259
NT2	protactinium 240	NT1	astatine 212	NT1	dubnium 260
NT2	thorium 208	NT1	astatine 213	NT1	dubnium 261
NT2	thorium 209	NT1	astatine 214	NT1	dubnium 262
NT2	thorium 210	NT1	astatine 215	NT1	dubnium 263
NT2	thorium 211	NT1	astatine 216	NT1	dubnium 264
NT2	thorium 212	NT1	astatine 217	NT1	dubnium 265
NT2	thorium 213	NT1	astatine 218	NT1	dubnium 266
NT2	thorium 214	NT1	astatine 219	NT1	dubnium 267
NT2	thorium 215	NT1	astatine 220	NT1	dubnium 268
NT2	thorium 216	NT1	astatine 221	NT1	dubnium 269
NT2	thorium 217	NT1	astatine 222	NT1	element 124 312
NT2	thorium 218	NT1	astatine 223	NT1	flerovium 285
NT2	thorium 219	NT1	bismuth 184	NT1	flerovium 286
NT2	thorium 220	NT1	bismuth 185	NT1	flerovium 287
NT2	thorium 221	NT1	bismuth 186	NT1	flerovium 288
NT2	thorium 222	NT1	bismuth 187	NT1	flerovium 289
NT2	thorium 223	NT1	bismuth 188	NT1	flerovium 292
NT2	thorium 224	NT1	bismuth 189	NT1	francium 199
NT2	thorium 225	NT1	bismuth 190	NT1	francium 200
NT2	thorium 226	NT1	bismuth 191	NT1	francium 201
NT2	thorium 227	NT1	bismuth 192	NT1	francium 202
NT2	thorium 228	NT1	bismuth 193	NT1	francium 203
NT2	thorium 229	NT1	bismuth 194	NT1	francium 204
NT2	thorium 230	NT1	bismuth 195	NT1	francium 205
NT2	thorium 231	NT1	bismuth 196	NT1	francium 206
NT2	thorium 232	NT1	bismuth 197	NT1	francium 207
NT2	thorium 233	NT1	bismuth 198	NT1	francium 208
NT2	thorium 234	NT1	bismuth 199	NT1	francium 209
NT2	thorium 235	NT1	bismuth 200	NT1	francium 210
NT2	thorium 236	NT1	bismuth 201	NT1	francium 211
NT2	thorium 237	NT1	bismuth 202	NT1	francium 212
NT2	thorium 238	NT1	bismuth 203	NT1	francium 213
NT2	uranium 217	NT1	bismuth 204	NT1	francium 214
NT2	uranium 218	NT1	bismuth 205	NT1	francium 215
NT2	uranium 219	NT1	bismuth 206	NT1	francium 216
NT2	uranium 220	NT1	bismuth 207	NT1	francium 217
NT2	uranium 221	NT1	bismuth 208	NT1	francium 218
NT2	uranium 222	NT1	bismuth 209	NT1	francium 219
NT2	uranium 223	NT1	bismuth 210	NT1	francium 220
NT2	uranium 224	NT1	bismuth 211	NT1	francium 221
NT2	uranium 225	NT1	bismuth 212	NT1	francium 222
NT2	uranium 226	NT1	bismuth 213	NT1	francium 223
NT2	uranium 227	NT1	bismuth 214	NT1	francium 224
NT2	uranium 228	NT1	bismuth 215	NT1	francium 225
NT2	uranium 229	NT1	bismuth 216	NT1	francium 226
NT2	uranium 230	NT1	bismuth 217	NT1	francium 227
NT2	uranium 231	NT1	bismuth 218	NT1	francium 228
NT2	uranium 232	NT1	bohrium 260	NT1	francium 229
NT2	uranium 233	NT1	bohrium 261	NT1	francium 230
NT2	uranium 234	NT1	bohrium 262	NT1	francium 231
NT2	uranium 235	NT1	bohrium 263	NT1	francium 232
NT2	uranium 236	NT1	bohrium 264	NT1	gold 181
NT2	uranium 237	NT1	bohrium 265	NT1	gold 182
NT2	uranium 238	NT1	bohrium 266	NT1	gold 183
NT2	uranium 239	NT1	bohrium 267	NT1	gold 184
NT2	uranium 240	NT1	bohrium 271	NT1	gold 185
NT2	uranium 241	NT1	bohrium 272	NT1	gold 186
NT2	uranium 242	NT1	bohrium 273	NT1	gold 187
NT1	astatine 191	NT1	bohrium 274	NT1	gold 188
NT1	astatine 192	NT1	bohrium 275	NT1	gold 189
NT1	astatine 193	NT1	copernicium 277	NT1	gold 190
NT1	astatine 194	NT1	copernicium 278	NT1	gold 191
NT1	astatine 195	NT1	copernicium 282	NT1	gold 192
NT1	astatine 196	NT1	copernicium 283	NT1	gold 193
NT1	astatine 197	NT1	copernicium 284	NT1	gold 194
NT1	astatine 198	NT1	copernicium 285	NT1	gold 195
NT1	astatine 199	NT1	darmstadtium 267	NT1	gold 196
NT1	astatine 200	NT1	darmstadtium 269	NT1	gold 197
NT1	astatine 201	NT1	darmstadtium 270	NT1	gold 198
NT1	astatine 202	NT1	darmstadtium 271	NT1	gold 199
NT1	astatine 203	NT1	darmstadtium 272	NT1	gold 200
NT1	astatine 204	NT1	darmstadtium 273	NT1	gold 201
NT1	astatine 205	NT1	darmstadtium 279	NT1	gold 202
NT1	astatine 206	NT1	darmstadtium 281	NT1	gold 203
NT1	astatine 207	NT1	dubnium 255	NT1	gold 204
NT1	astatine 208	NT1	dubnium 256	NT1	gold 205
NT1	astatine 209	NT1	dubnium 257	NT1	hafnium 181

NT1 hafnium 182
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 NT1 hafnium 184
 NT1 hafnium 185
 NT1 hafnium 186
 NT1 hafnium 187
 NT1 hafnium 188
 NT1 hassium 263
 NT1 hassium 264
 NT1 hassium 265
 NT1 hassium 266
 NT1 hassium 267
 NT1 hassium 269
 NT1 hassium 270
 NT1 hassium 271
 NT1 hassium 272
 NT1 hassium 274
 NT1 hassium 275
 NT1 hassium 276
 NT1 iridium 181
 NT1 iridium 182
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 NT1 iridium 195
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 NT1 iridium 197
 NT1 iridium 198
 NT1 iridium 199
 NT1 iridium 202
 NT1 lead 181
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 NT1 lead 183
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 NT1 lead 216
 NT1 livermorium 290
 NT1 livermorium 291
 NT1 livermorium 292
 NT1 livermorium 293

NT1 lutetium 181
 NT1 lutetium 182
 NT1 lutetium 183
 NT1 lutetium 184
 NT1 lutetium 187
 NT1 meitnerium 265
 NT1 meitnerium 266
 NT1 meitnerium 267
 NT1 meitnerium 268
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 NT1 meitnerium 271
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 NT1 meitnerium 279
 NT1 mercury 181
 NT1 mercury 182
 NT1 mercury 183
 NT1 mercury 184
 NT1 mercury 185
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 NT1 mercury 187
 NT1 mercury 188
 NT1 mercury 189
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 NT1 mercury 211
 NT1 mercury 212
 NT1 moscovium 287
 NT1 moscovium 288
 NT1 nihonium 278
 NT1 nihonium 283
 NT1 nihonium 284
 NT1 oganesson 294
 NT1 osmium 181
 NT1 osmium 182
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 NT1 osmium 199
 NT1 osmium 200
 NT1 platinum 181
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 NT1 roentgenium 272
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 NT1 rutherfordium 253
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 NT1 seaborgium 258
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 NT1 seaborgium 271
 NT1 seaborgium 272
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 NT1 tantalum 181
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 NT1 thallium 211
 NT1 thallium 212
 NT1 tungsten 181
 NT1 tungsten 182
 NT1 tungsten 183
 NT1 tungsten 184
 NT1 tungsten 185
 NT1 tungsten 186
 NT1 tungsten 187
 NT1 tungsten 188
 NT1 tungsten 189
 NT1 tungsten 190
 NT1 tungsten 191
 NT1 tungsten 192
 RT nuclear structure

heavy oils

INIS: 2000-04-12; ETDE: 1981-01-27

USE petroleum
USE viscosity

HEAVY WATER

1996-06-19

Restricted to the compounds D2O and HDO; for DTO, HTO, and T2O, see the use references at those entries.

UF deuterium oxide
UF hdo
UF heavy water coolant
UF heavy water moderator
*BT1 deuterium compounds
*BT1 water
RT coolants
RT dual temperature process
RT heavy water plants
RT moderators
RT tritium extraction plants

heavy water components test reactor

USE hwctr reactor

heavy water coolant

USE heavy water

HEAVY WATER COOLED REACTORS

UF br-3-vn reactor
 BT1 reactors
 NT1 alrr reactor
 NT1 aquilon reactor
 NT1 bhwr type reactors
 NT2 hbwr reactor
 NT2 marviken reactor
 NT1 celestin reactor
 NT1 cp-3 reactor
 NT1 cp-3m reactor
 NT1 cp-5 reactor
 NT1 dca reactor
 NT1 dhruva reactor
 NT1 dido reactor
 NT1 diorit reactor
 NT1 dmtr reactor
 NT1 dr-3 reactor
 NT1 el-1 reactor
 NT1 el-3 reactor
 NT1 eole reactor
 NT1 es-salam reactor
 NT1 essor reactor
 NT1 fr-2 reactor
 NT1 frj-2 reactor
 NT1 grenoble reactor
 NT1 gtr reactor
 NT1 hfb reactor
 NT1 hifar reactor
 NT1 hwctr reactor
 NT1 hwrr reactor
 NT1 ill high flux reactor
 NT1 irr-2 reactor
 NT1 ispra-1 reactor
 NT1 jeep-2 reactor
 NT1 jordan subcritical assembly
 NT1 jrr-2 reactor
 NT1 jrr-3 reactor
 NT1 mitr reactor
 NT1 nbsr reactor
 NT1 nora reactor
 NT1 nru reactor
 NT1 nrx reactor
 NT1 pdp reactor
 NT1 pelinduna reactor
 NT1 phwr type reactors
 NT2 agesta reactor
 NT2 atucha-1 reactor
 NT2 atucha-2 reactor
 NT2 bruce-1 reactor
 NT2 bruce-2 reactor

NT2 bruce-3 reactor
 NT2 bruce-4 reactor
 NT2 bruce-5 reactor
 NT2 bruce-6 reactor
 NT2 bruce-7 reactor
 NT2 bruce-8 reactor
 NT2 cernavoda-1 reactor
 NT2 cernavoda-2 reactor
 NT2 cordoba reactor
 NT2 cvtr reactor
 NT2 darlington-1 reactor
 NT2 darlington-2 reactor
 NT2 darlington-3 reactor
 NT2 darlington-4 reactor
 NT2 douglas point ontario reactor
 NT2 embalse reactor
 NT2 gentilly-2 reactor
 NT2 kaiga-1 reactor
 NT2 kaiga-2 reactor
 NT2 kaiga-3 reactor
 NT2 kaiga-4 reactor
 NT2 kakrapar-1 reactor
 NT2 kakrapar-2 reactor
 NT2 kalpakkam-1 reactor
 NT2 kalpakkam-2 reactor
 NT2 kanupp reactor
 NT2 mzfr reactor
 NT2 narora-1 reactor
 NT2 narora-2 reactor
 NT2 npd reactor
 NT2 pickering-1 reactor
 NT2 pickering-2 reactor
 NT2 pickering-3 reactor
 NT2 pickering-4 reactor
 NT2 pickering-5 reactor
 NT2 pickering-6 reactor
 NT2 pickering-7 reactor
 NT2 pickering-8 reactor
 NT2 point lepreau-1 reactor
 NT2 point lepreau-2 reactor
 NT2 qinshan-3-1 reactor
 NT2 qinshan-3-2 reactor
 NT2 rajasthan-1 reactor
 NT2 rajasthan-2 reactor
 NT2 rajasthan-3 reactor
 NT2 rajasthan-4 reactor
 NT2 rajasthan-5 reactor
 NT2 rajasthan-6 reactor
 NT2 tarapur-3 reactor
 NT2 tarapur-4 reactor
 NT2 wolsung-1 reactor
 NT2 wolsung-2 reactor
 NT2 wolsung-3 reactor
 NT2 wolsung-4 reactor
 NT1 pik reactor
 NT1 pluto reactor
 NT1 prr reactor
 NT1 prtr reactor
 NT1 pse reactor
 NT1 r-1 reactor
 NT1 r-a reactor
 NT1 rp-0 reactor
 NT1 sm-1 subcritical assembly
 NT1 spert-2 reactor
 NT1 taiwan research reactor
 NT1 zed-2 reactor

heavy water gas cooled reactor of slovakia

INIS: 1993-11-08; ETDE: 2002-06-13
 USE bohunice a-1 reactor

heavy water moderated and gas cooled reactors

1993-11-08
 USE hwgcr type reactors

heavy water moderated and water cooled reactors

INIS: 1993-11-08; ETDE: 2002-06-13
 USE hwlwr type reactors

HEAVY WATER MODERATED REACTORS

UF br-3-vn reactor
 BT1 reactors
 NT1 alrr reactor
 NT1 aquilon reactor
 NT1 bhwr type reactors
 NT2 hbwr reactor
 NT2 marviken reactor
 NT1 c reactor
 NT1 candu type reactors
 NT2 bruce-1 reactor
 NT2 bruce-2 reactor
 NT2 bruce-3 reactor
 NT2 bruce-4 reactor
 NT2 bruce-5 reactor
 NT2 bruce-6 reactor
 NT2 bruce-7 reactor
 NT2 bruce-8 reactor
 NT2 cernavoda-1 reactor
 NT2 cernavoda-2 reactor
 NT2 cordoba reactor
 NT2 darlington-1 reactor
 NT2 darlington-2 reactor
 NT2 darlington-3 reactor
 NT2 darlington-4 reactor
 NT2 douglas point ontario reactor
 NT2 embalse reactor
 NT2 gentilly-1 reactor
 NT2 gentilly-2 reactor
 NT2 kaiga-1 reactor
 NT2 kaiga-2 reactor
 NT2 kakrapar-1 reactor
 NT2 kakrapar-2 reactor
 NT2 kanupp reactor
 NT2 npd reactor
 NT2 pickering-1 reactor
 NT2 pickering-2 reactor
 NT2 pickering-3 reactor
 NT2 pickering-4 reactor
 NT2 pickering-5 reactor
 NT2 pickering-6 reactor
 NT2 pickering-7 reactor
 NT2 pickering-8 reactor
 NT2 point lepreau-1 reactor
 NT2 point lepreau-2 reactor
 NT2 qinshan-3-1 reactor
 NT2 qinshan-3-2 reactor
 NT2 rajasthan-1 reactor
 NT2 rajasthan-2 reactor
 NT2 rajasthan-3 reactor
 NT2 rajasthan-4 reactor
 NT2 wolsung-1 reactor
 NT2 wolsung-2 reactor
 NT2 wolsung-3 reactor
 NT2 wolsung-4 reactor
 NT1 celestin reactor
 NT1 cirus reactor
 NT1 cp-3 reactor
 NT1 cp-3m reactor
 NT1 cp-5 reactor
 NT1 dca reactor
 NT1 dhruva reactor
 NT1 dido reactor
 NT1 dimple reactor
 NT1 diorit reactor
 NT1 dmtr reactor
 NT1 dr-3 reactor
 NT1 eco reactor
 NT1 el-1 reactor
 NT1 el-2 reactor
 NT1 el-3 reactor
 NT1 eole reactor
 NT1 es-salam reactor

NT1 essor reactor
 NT1 fr-2 reactor
 NT1 frj-2 reactor
 NT1 frm-ii reactor
 NT1 grenoble reactor
 NT1 gtrr reactor
 NT1 hfbr reactor
 NT1 hifar reactor
 NT1 hre-2 reactor
 NT1 hwctr reactor
 NT1 hwgcr type reactors
 NT2 bohunice a-1 reactor
 NT2 bohunice a-2 reactor
 NT2 el-4 reactor
 NT2 lucens reactor
 NT2 niederaichbach reactor
 NT1 hwlwr type reactors
 NT2 cirene reactor
 NT2 gentilly-1 reactor
 NT2 jatr reactor
 NT1 hwrr reactor
 NT1 hwzpr reactor
 NT1 ill high flux reactor
 NT1 irr-2 reactor
 NT1 ispra-1 reactor
 NT1 jeep-2 reactor
 NT1 jordan subcritical assembly
 NT1 jrr-2 reactor
 NT1 jrr-3 reactor
 NT1 junco reactor
 NT1 k reactor
 NT1 l reactor
 NT1 maple reactor
 NT1 maple type reactors
 NT1 mitr reactor
 NT1 nbsr reactor
 NT1 nora reactor
 NT1 nru reactor
 NT1 nrx reactor
 NT1 p reactor
 NT1 pdp reactor
 NT1 pelinduna reactor
 NT1 phwr type reactors
 NT2 agesta reactor
 NT2 atucha-1 reactor
 NT2 atucha-2 reactor
 NT2 bruce-1 reactor
 NT2 bruce-2 reactor
 NT2 bruce-3 reactor
 NT2 bruce-4 reactor
 NT2 bruce-5 reactor
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 NT2 bruce-8 reactor
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 NT2 cernavoda-2 reactor
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 NT2 darlington-2 reactor
 NT2 darlington-3 reactor
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 NT2 kalpakkam-2 reactor
 NT2 kanupp reactor
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 NT2 narora-2 reactor
 NT2 npd reactor
 NT2 pickering-1 reactor

NT2 pickering-2 reactor
NT2 pickering-3 reactor
NT2 pickering-4 reactor
NT2 pickering-5 reactor
NT2 pickering-6 reactor
NT2 pickering-7 reactor
NT2 pickering-8 reactor
NT2 point lepreau-1 reactor
NT2 point lepreau-2 reactor
NT2 qinshan-3-1 reactor
NT2 qinshan-3-2 reactor
NT2 rajasthan-1 reactor
NT2 rajasthan-2 reactor
NT2 rajasthan-3 reactor
NT2 rajasthan-4 reactor
NT2 rajasthan-5 reactor
NT2 rajasthan-6 reactor
NT2 tarapur-3 reactor
NT2 tarapur-4 reactor
NT2 wolsung-1 reactor
NT2 wolsung-2 reactor
NT2 wolsung-3 reactor
NT2 wolsung-4 reactor
NT1 pik reactor
NT1 pluto reactor
NT1 prr reactor
NT1 prtr reactor
NT1 pse reactor
NT1 r-1 reactor
NT1 r-a reactor
NT1 r-b reactor
NT1 r reactor
NT1 rb-3 reactor
NT1 rtr reactor
NT1 sghwr reactor
NT1 spert-2 reactor
NT1 taiwan research reactor
NT1 tr-0 reactor
NT1 wr-1 reactor
NT1 zed-2 reactor
NT1 zeep reactor
NT1 zerlina reactor

heavy water moderator

USE heavy water

HEAVY WATER PLANTS

INIS: 1978-11-24; ETDE: 1978-02-14

Plants for the production and/or upgrading of heavy water.

*BT1 isotope separation plants
 RT heavy water
 RT isotope separation

heavy water research reactor

INIS: 2003-02-03; ETDE: 2003-01-24

CIAE, Beijing, China.

USE hwrr reactor

heavy water zero power reactor

2003-08-15

Esfahan Nuclear Technology Centre, Iran.

USE h wzpr reactor

HEBER GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1975-10-01

BT1 geothermal fields
 RT california

HECTOR REACTOR

UKAEA, Winfrith, United Kingdom.

Decommissioned since 1990.

UF hot enriched carbon moderated thermal oscillator reactor

*BT1 carbon dioxide cooled reactors
 *BT1 enriched uranium reactors
 *BT1 graphite moderated reactors
 *BT1 materials testing reactors
 *BT1 pulsed reactors
 *BT1 research reactors
 *BT1 thermal reactors

hectorite

USE montmorillonite

HEDDUR

2000-04-12

*BT1 aluminium base alloys

*BT1 copper alloys

HEDENBERGITE

INIS: 2000-04-12; ETDE: 1976-01-07

A black mineral of the clinopyroxene group.

*BT1 silicate minerals

hedl

INIS: 1985-12-10; ETDE: 2002-06-13

USE hanford engineering development laboratory

HEDTA

Hydroxyethylethylenediaminetriacetic acid.

UF hydroxyethylethylenediaminetriacetic acid

*BT1 amino acids

BT1 chelating agents

*BT1 hydroxy acids

HEF

INIS: 1990-12-06; ETDE: 1980-10-27

To demonstrate breeder reactor fuel reprocessing.

(prior to December 1990, this concept was indexed by HOT EXPERIMENTAL FACILITY.)

UF hot experimental facility

*BT1 fuel reprocessing plants

RT consolidated fuel reprocessing program
 RT pilot plants

HEIDA

UF hydroxyethyliminodiacetic acid

*BT1 amino acids

BT1 chelating agents

*BT1 hydroxy acids

heidelberg storage ring

INIS: 1993-09-16; ETDE: 1993-11-08

USE tsr storage ring

heidelberg triga-mk-1-dkfz reactor

INIS: 1993-11-08; ETDE: 2002-06-13

USE triga-1-heidelberg reactor

HEIGHT

2000-05-23

For elevation use LEVELS.

BT1 dimensions

NT1 scale height

NT1 virtual height

RT altitude

RT levels

HEINRICHITE

2000-04-12

*BT1 oxide minerals

*BT1 uranium minerals

RT arsenic oxides

RT barium oxides

RT uranium oxides

HEISENBERG MODEL

*BT1 crystal models

RT electronic structure

RT ferromagnetism

RT phi4-field theory

RT spin

HEISENBERG PICTURE

UF heisenberg representation

RT quantum field theory

RT quantum mechanics

RT schroedinger picture

heisenberg principle

USE uncertainty principle

heisenberg representation

USE heisenberg picture

heissdampfreaktoranlage

USE hdr reactor

HEITLER-LONDON THEORY

1996-07-18

(Prior to March 1997 HEITLER-LONDON WAVES was a valid ETDE descriptor.)

UF heitler-london waves

RT binding energy

heitler-london waves

2000-03-28

(Until July 1996 this was a valid descriptor.)

USE heitler-london theory

HELA CELLS

*BT1 tumor cells

RT clone cells

RT in vitro

helac

2000-04-12

(Prior to June 1991 this was a valid ETDE descriptor.)

USE linear accelerators

HELIAC STELLARATORS

INIS: 1995-09-14; ETDE: 1987-06-09

Helical magnetic axis stellarators.

*BT1 stellarators

NT1 h-1 heliac

NT1 hsx stellarator

NT1 sheila heliac

NT1 tj-ii heliac

helianthus annuus

USE sunflowers

HELICAL CONFIGURATION

BT1 configuration

RT dna

RT magnetic field configurations

RT molecular structure

HELICAL INSTABILITY

UF screw instability

*BT1 plasma macroinstabilities

HELICAL ROTARY SCREW EXPANDER

INIS: 2000-04-12; ETDE: 1977-06-02

UF lysholm engine

RT rotary engines

RT turbines

HELICAL WAVEGUIDES

BT1 waveguides

HELICITY

BT1 particle properties

RT angular momentum

RT chirality

RT spin

HELICON RESONANCE

BT1 resonance

RT superconductivity

HELICON WAVES

*BT1 electromagnetic radiation

HELICOPTERS

INIS: 1992-02-21; ETDE: 1982-04-09

BT1 aircraft

HELIOS DEVICES

*BT1 q devices

HELIOS FACILITY

INIS: 1995-03-28; ETDE: 1979-07-24
Large CO2 laser facility at Los Alamos for laser fusion experiments.
RT antares facility
RT carbon dioxide lasers
RT lanl
RT laser fusion reactors

HELIOSPHERE

INIS: 1987-02-25; ETDE: 1987-05-01
Influence zone of the sun in interstellar space, delimited by the ejected solar plasma.
*BT1 solar atmosphere

HELIOSTATS

INIS: 1992-03-27; ETDE: 1976-01-07
*BT1 solar equipment
NT1 solar tracking systems
RT central receiver test facility
RT control systems
RT solar tracking

heliothis

USE bollworm

HELIOTRON

1998-09-29
*BT1 closed plasma devices
RT lhd device
RT torsatron stellarators

HELIOTRON-E STELLARATOR

INIS: 1999-07-26; ETDE: 1999-09-03
Plasma Physics Laboratory, Kyoto University, Japan.
*BT1 stellarators

HELIUM

*BT1 rare gases
RT cryogenic fluids
RT helium embrittlement

HELIUM 10

*BT1 even-even nuclei
*BT1 helium isotopes
*BT1 light nuclei

HELIUM 2

1980-02-26
*BT1 even-even nuclei
*BT1 helium isotopes
*BT1 light nuclei
RT diprotons

HELIUM 3

*BT1 even-odd nuclei
*BT1 helium isotopes
*BT1 light nuclei
*BT1 stable isotopes
NT1 helium 3 a
NT1 helium 3 a1
NT1 helium 3 b
RT helium 3 beams
RT quantum fluids

HELIUM 3 A

INIS: 1975-10-23; ETDE: 1975-08-19
A phase of superfluid helium 3.
*BT1 helium 3
RT superfluidity

HELIUM 3 A1

INIS: 1981-08-31; ETDE: 1977-06-02
A phase of superfluid helium 3.
*BT1 helium 3
RT superfluidity

HELIUM 3 B

INIS: 1975-10-23; ETDE: 1975-08-19
A phase of superfluid helium 3.
*BT1 helium 3
RT superfluidity

HELIUM 3 BEAMS

*BT1 ion beams
RT helium 3

HELIUM 3 REACTIONS

*BT1 charged-particle reactions

HELIUM 3 TARGET

ETDE: 1976-07-09
BT1 targets

HELIUM 4

*BT1 even-even nuclei
*BT1 helium isotopes
*BT1 light nuclei
*BT1 stable isotopes
NT1 helium i
NT1 helium ii
RT helium 4 beams
RT lambda point
RT quantum fluids

HELIUM 4 BEAMS

*BT1 ion beams
NT1 alpha beams
RT helium 4

helium 4 reactions

USE alpha reactions

HELIUM 4 TARGET

ETDE: 1976-07-09
BT1 targets

HELIUM 5

*BT1 alpha decay radioisotopes
*BT1 even-odd nuclei
*BT1 helium isotopes
*BT1 light nuclei

HELIUM 6

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 helium isotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
RT helium 6 beams

HELIUM 6 BEAMS

2014-04-25
*BT1 radioactive ion beams
RT helium 6

HELIUM 6 REACTIONS

INIS: 1985-07-22; ETDE: 1985-08-08
*BT1 heavy ion reactions

HELIUM 6 TARGET

INIS: 1986-01-21; ETDE: 1977-05-07
BT1 targets

HELIUM 7

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 helium isotopes
*BT1 light nuclei

HELIUM 8

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 helium isotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
RT helium 8 beams

HELIUM 8 BEAMS

INIS: 1985-05-15; ETDE: 1985-07-18
*BT1 radioactive ion beams
*BT1 secondary beams
RT helium 8

HELIUM 8 REACTIONS

INIS: 1985-07-22; ETDE: 1985-08-08
*BT1 heavy ion reactions

HELIUM 9

*BT1 even-odd nuclei
*BT1 helium isotopes
*BT1 light nuclei

HELIUM ASH

INIS: 1990-02-28; ETDE: 1990-03-15
A thermonuclear reaction product.
*BT1 helium ions
RT alpha particles
RT pumped limiters
RT thermonuclear reactions

HELIUM BURNING

INIS: 1978-09-28; ETDE: 1978-10-20
Astrophysical processes only.
BT1 star burning
RT dwarf stars
RT nucleosynthesis
RT red giant stars
RT star evolution

HELIUM CHLORIDES

*BT1 chlorides
*BT1 helium halides

HELIUM COMPLEXES

BT1 complexes

HELIUM COMPOUNDS

1996-06-28
BT1 rare gas compounds
NT1 helium halides
NT2 helium chlorides
NT1 helium hydrides
NT1 helium hydroxides
NT1 helium oxides
NT1 helium tritides

HELIUM COOLED REACTORS

1998-01-29
*BT1 gas cooled reactors
NT1 avr reactor
NT1 dragon reactor
NT1 ebor reactor
NT1 egcr reactor
NT1 fulton-1 reactor
NT1 fulton-2 reactor
NT1 gcfr reactor
NT1 gcre reactor
NT1 htr-10 reactor
NT1 httr reactor
NT1 iea-zpr reactor
NT1 peach bottom-1 reactor
NT1 schmehausen-2 reactor
NT1 summit-1 reactor
NT1 summit-2 reactor
NT1 thtr-300 reactor
NT1 uhtrex reactor
NT1 vg-400 reactor
NT1 vgr-50 reactor
NT1 vhttr reactor
NT1 vidal-1 reactor
NT1 vidal-2 reactor
NT1 vrain reactor
RT htgr type reactors

HELIUM DILUTION REFRIGERATION

*BT1 refrigeration
RT cryogenics
RT helium dilution refrigerators
RT refrigerators

HELIUM DILUTION REFRIGERATORS

1982-06-09
BT1 refrigerators
RT cryostats
RT helium dilution refrigeration

HELIUM EMBRITTLEMENT

INIS: 1992-06-17; ETDE: 1985-03-26

A decrease in the fracture strength of metals due to the incorporation of helium in the metal lattice.

BT1 embrittlement
RT brittleness
RT fracture properties
RT helium
RT interstitial helium generation

helium generation

INIS: 1990-12-15; ETDE: 1983-04-28

(Prior to December 1990, this was a valid descriptor.)

USE interstitial helium generation

HELIUM HALIDES

2012-07-19

*BT1 halides
*BT1 helium compounds
NT1 helium chlorides

HELIUM HYDRIDES

*BT1 helium compounds
*BT1 hydrides

HELIUM HYDROXIDES

1996-06-28

(From June 1996 to November 2007 HELIUM COMPOUNDS + HYDROXIDES was used for this concept.)

*BT1 helium compounds
*BT1 hydroxides

HELIUM I

The phase of liquid helium-4 which is stable at temperatures above the lambda point (about 2.2 K).

*BT1 helium 4

HELIUM II

The phase of liquid helium-4 which is stable at temperatures between absolute zero and the lambda point (about 2.2 K).

*BT1 helium 4
*BT1 quantum fluids
RT film flow
RT landau liquid helium theory
RT superfluidity

HELIUM IONS

*BT1 ions
NT1 helium ash
RT alpha particles

HELIUM ISOTOPES

1999-07-16

BT1 isotopes
NT1 helium 10
NT1 helium 2
NT1 helium 3
NT2 helium 3 a
NT2 helium 3 a1
NT2 helium 3 b
NT1 helium 4
NT2 helium i
NT2 helium ii
NT1 helium 5
NT1 helium 6
NT1 helium 7
NT1 helium 8
NT1 helium 9

helium jet method

INIS: 1984-04-04; ETDE: 2002-06-13

USE reaction product transport systems

helium method

USE isotope dating

HELIUM-NEON LASERS

INIS: 1976-05-05; ETDE: 1976-06-07

*BT1 gas lasers

HELIUM OXIDES

2000-04-12

(From July 1996 to November 2007 HELIUM COMPOUNDS + OXIDES was used for this concept.)

*BT1 helium compounds
*BT1 oxides

helium production rates

INIS: 2000-04-12; ETDE: 1979-09-26

USE interstitial helium generation

HELIUM TRITIDES

1977-09-06

*BT1 helium compounds
*BT1 tritides

HELIUM-XENON LASERS

INIS: 1992-08-11; ETDE: 1980-05-06

*BT1 gas lasers

helmholtz free energy

USE free energy

HELMHOLTZ INSTABILITY

UF kelvin-helmholtz instability

*BT1 plasma macroinstabilities
RT fluid flow

HELMHOLTZ THEOREM

RT vectors

helminths

(Prior to September 2005 this was a valid descriptor.)

SEE parasites
SEE platyhelminths

HELVITE

2000-04-12

*BT1 silicate minerals
RT beryllium silicates
RT iron silicates
RT manganese silicates

hemagglutination

USE hemagglutinins

HEMAGGLUTININS

UF hemagglutination

*BT1 agglutinins
NT1 concanavalin a
NT1 phytohemagglutinin
RT blood groups
RT erythrocytes

hemangiomas

USE angiomas

hematin

USE heme

HEMATINICS

INIS: 1993-08-26; ETDE: 1981-04-20

*BT1 hematologic agents
NT1 folic acid
NT1 intrinsic factor
NT1 vitamin b-12
RT anticoagulants
RT blood substitutes
RT coagulants
RT fibrinolytic agents

HEMATITE

A common iron mineral.

*BT1 iron ores
*BT1 oxide minerals
RT iron oxides
RT limonite

HEMATOLOGIC AGENTS

INIS: 1984-05-24; ETDE: 1981-04-20

BT1 drugs
NT1 anticoagulants
NT2 coumarin
NT2 heparin
NT2 psoralen
NT1 blood substitutes
NT2 dextran
NT2 pectins
NT2 pvp
NT1 coagulants
NT2 protamines
NT1 fibrinolytic agents
NT2 fibrinolysin
NT2 plasminogen
NT2 urokinase
NT1 hematinics
NT2 folic acid
NT2 intrinsic factor
NT2 vitamin b-12
RT blood
RT blood coagulation
RT hemic diseases

HEMATOLOGY

BT1 medicine
RT hemic diseases

HEMATOMAS

INIS: 1995-09-18; ETDE: 1977-06-21

RT blood coagulation
RT hemorrhage
RT injuries

hematopoiesis

USE blood formation

HEMATOPOIETIC SYSTEM

BT1 body
NT1 bone marrow
RT blood formation
RT erythropoiesis

hematoporphyrin (heme)

USE heme

HEMATOPORPHYRINS

BT1 pigments
*BT1 porphyrins
RT hemoglobin

HEMATOXYLIN

1996-06-28

BT1 dyes
*BT1 polyphenols
*BT1 pyrans

HEME

UF hematin
UF hematoporphyrin (heme)
UF hemin
BT1 pigments
*BT1 porphyrins
RT carboxyhemoglobin
RT hemoglobin
RT iron
RT methemoglobin

HEMIACETAL DEHYDROGENASES

INIS: 2000-04-03; ETDE: 1981-01-12

Code number 1.1.

*BT1 oxidoreductases
NT1 alcohol dehydrogenase
NT1 lactate dehydrogenase

HEMIC DISEASES

UF blood diseases
BT1 diseases
NT1 anemias
NT2 ischemia
NT2 megaloblastic anemia

NT2 sickle cell anemia

NT2 thalassemia

NT1 hemophilia

NT1 leukopenia

NT2 lymphopenia

NT1 polycythemia

NT1 purpura

RT blood

RT blood chemistry

RT hematologic agents

RT hematology

RT hemolysis

RT hemorrhage

RT malaria

RT splenomegaly

HEMICELLULOSE

INIS: 2000-04-12; ETDE: 1978-06-14

Group of complex carbohydrates, hexose and pentose sugars and sugar acids of uronic type, surrounding cellulose fibers of plant cells. No chemical relation to cellulose.

*BT1 polysaccharides

NT1 xylans

RT biomass

RT cellulose

RT lignin

RT wood

hemin

USE heme

HEMIPTERA

*BT1 insects

NT1 aphids

HEMLOCKS

INIS: 2000-04-12; ETDE: 1988-02-02
Tsuga.

*BT1 conifers

HEMOCYANIN

*BT1 metalloproteins

RT blood

HEMOGLOBIN

*BT1 globins

BT1 pigments

*BT1 porphyrins

NT1 methemoglobin

RT anemias

RT carboxyhemoglobin

RT erythrocytes

RT hematoporphyrins

RT heme

RT hemosiderin

RT iron

RT protoporphyrins

RT respiration

HEMOLYSINS

1999-03-01

BT1 antibodies

RT complement

RT hemolysis

HEMOLYSIS

The alteration, dissolution, or destruction of red blood cells in such a manner that hemoglobin is liberated into the medium in which the cells are suspended.

*BT1 decomposition

BT1 lysis

BT1 pathological changes

RT anemias

RT erythrocytes

RT hemic diseases

RT hemolysins

RT immunity

HEMOPHILIA

INIS: 1987-03-24; ETDE: 1987-11-24

*BT1 hemic diseases

*BT1 hereditary diseases

RT blood coagulation

RT hemorrhage

hemophilus

USE haemophilus

hemopoiesis

USE blood formation

HEMORRHAGE

BT1 pathological changes

BT1 symptoms

RT anemias

RT blood

RT blood coagulation

RT blood vessels

RT hematomas

RT hemic diseases

RT hemophilia

HEMOSIDERIN

*BT1 metalloproteins

BT1 pigments

*BT1 porphyrins

RT blood

RT ferritin

RT hemoglobin

RT iron

hemostatics

INIS: 2000-04-12; ETDE: 1981-04-20

See also BLOOD COAGULATION FACTORS and its narrower terms.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE coagulants

hens

USE chickens

HEPARIN

*BT1 anticoagulants

*BT1 mucopolysaccharides

*BT1 organic sulfur compounds

RT mast cells

heparin antagonists

INIS: 2000-04-12; ETDE: 1981-04-20

(Prior to April 1994, this was a valid ETDE descriptor.)

USE coagulants

HEPATECTOMY

*BT1 surgery

RT digestive system diseases

RT liver

HEPATITIS

*BT1 digestive system diseases

NT1 infectious hepatitis

RT jaundice

RT liver

hepatitis (infectious)

USE infectious hepatitis

hepatocytes

INIS: 1983-06-30; ETDE: 1982-07-08

USE liver cells

HEPATOMAS

*BT1 carcinomas

RT liver

HEPTANE

*BT1 alkanes

HEPTANOIC ACID

UF enanthic acid

UF heptylic acid

*BT1 monocarboxylic acids

HEPTENES

*BT1 alkenes

HEPTYL RADICALS

*BT1 alkyl radicals

heptylic acid

USE heptanoic acid

HERA STORAGE RING

INIS: 1984-05-28; ETDE: 1984-06-14

Hadron-Elektron-Ring Anlage.

BT1 storage rings

HERALD REACTOR

UK Ministry of Defence, Aldermaston, Reading, Berkshire, United Kingdom. Decommissioned since 2006.

*BT1 enriched uranium reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 test reactors

*BT1 thermal reactors

HERBICIDES

BT1 pesticides

NT1 atrazine

RT weeds

HERBIG-HARO OBJECTS

INIS: 2000-04-12; ETDE: 1989-04-19

Small faint patches of nebulosity seen on surfaces of many dark clouds believed to be a very early phase in stellar evolution.

RT nebulae

RT star evolution

HERBS

1996-11-13

UF coleus

BT1 plants

NT1 marihuana

NT1 meadow foam

HEREDITARY DISEASES

UF xeroderma pigmentosum

BT1 diseases

NT1 downs syndrome

NT1 hemophilia

RT chromosomal aberrations

RT congenital diseases

RT genetics

RT mutants

RT mutations

RT sickle cell anemia

RT sister chromatid exchanges

heredity

USE genetics

hermex process

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE reprocessing

HERMITE POLYNOMIALS

*BT1 polynomials

HERMITIAN MATRIX

BT1 matrices

HERMITIAN OPERATORS

BT1 mathematical operators

HERO REACTOR

Decommissioned since 1969.

UF hot experimental reactor zero energy

*BT1 carbon dioxide cooled reactors

*BT1 enriched uranium reactors

*BT1 graphite moderated reactors

*BT1 research reactors

- *BT1 test reactors
 *BT1 zero power reactors

HEROIN

1996-07-08

- UF *diacetylmorphine*
 *BT1 narcotics
 RT codeine
 RT morphine

HERPES SIMPLEX

- *BT1 skin diseases
 *BT1 viral diseases
 RT viruses

HERPES ZOSTER

- *BT1 nervous system diseases
 *BT1 viral diseases
 RT nerves
 RT viruses

**HERTZSPRUNG-RUSSELL
DIAGRAM**

- *BT1 diagrams
 RT star evolution

hesperidin

1996-06-28

(Until June 1996 this was a valid descriptor.)

- USE flavones
 USE glycosides

HETEROCHROMATIN

- BT1 chromatin
 RT chromosome breakage

HETEROCHROMOSOMES

- UF *sex chromosomes*
 BT1 chromosomes
 NT1 x chromosome
 NT2 human x chromosome
 NT1 y chromosome
 NT2 human y chromosome
 RT chromosomal aberrations
 RT sex

HETEROCYCLIC ACIDS

1996-10-22

- UF *biliverdin*
 UF *diodrast*
 UF *iodopyracet*
 UF *kynurenic acid*
 UF *urobilinogen*
 *BT1 carboxylic acids
 *BT1 heterocyclic compounds
 NT1 bilirubin
 NT1 biotin
 NT1 histidine
 NT1 hydroxyproline
 NT1 lysergic acid
 NT1 nicotinic acid
 NT1 orotic acid
 NT1 picolinic acid
 NT1 porphyrins
 NT2 chlorins
 NT2 chlorophyll
 NT2 hematoporphyrins
 NT2 heme
 NT2 hemoglobin
 NT3 methemoglobin
 NT2 hemosiderin
 NT2 myoglobin
 NT2 protoporphyrins
 NT1 proline
 NT1 rhodamines
 NT1 thioctic acid
 NT1 tryptophan
 NT1 urocanic acid
 RT nicotinamide

HETEROCYCLIC COMPOUNDS

1996-10-23

- UF *guanethidine*
 BT1 organic compounds
 NT1 azaarenes
 NT2 acridines
 NT3 acridine orange
 NT3 flavines
 NT4 acriflavine
 NT4 proflavine
 NT2 carbazoles
 NT2 indoles
 NT3 indigo
 NT3 indocyanine green
 NT3 lysergic acid
 NT3 reserpine
 NT3 strychnine
 NT3 tryptamines
 NT4 melatonin
 NT4 serotonin
 NT5 bufotenine
 NT3 tryptophan
 NT3 vinblastine
 NT2 phenanthrolines
 NT3 ferroin
 NT3 phenanthroline-ortho
 NT2 pteridines
 NT3 aminopterin
 NT3 folic acid
 NT2 purines
 NT3 adenines
 NT4 kinetin
 NT3 guanine
 NT3 guanosine
 NT3 hypoxanthine
 NT3 inosine
 NT3 mercaptopurine
 NT3 xanthines
 NT4 caffeine
 NT4 theobromine
 NT4 theophylline
 NT4 uric acid
 NT2 quinolines
 NT3 ferron
 NT3 oxine
 NT3 quinaldine
 NT1 azines
 NT2 phenothiazines
 NT3 chlorpromazine
 NT3 methylene blue
 NT2 pyrazines
 NT3 phenazine
 NT3 piperazines
 NT2 pyridazines
 NT3 phthalazines
 NT4 luminol
 NT2 pyridines
 NT3 acridines
 NT4 acridine orange
 NT4 flavines
 NT5 acriflavine
 NT5 proflavine
 NT3 bipyridines
 NT3 nicotinamide
 NT3 nicotine
 NT3 nicotinic acid
 NT3 picolines
 NT4 picolinic acid
 NT3 piperidines
 NT4 dipyridamole
 NT4 pethidine
 NT4 triacetoneamine-n-oxyl
 NT3 pyridine
 NT3 pyridinium compounds
 NT3 pyridoxal
 NT3 pyridoxine
 NT3 pyridoxylideneglutamate
 NT3 pyridylazonaphthol
 NT3 pyridylazoresorcinol

- NT3 quinolines
 NT4 ferron
 NT4 oxine
 NT4 quinaldine
 NT2 pyrimidines
 NT3 alloxan
 NT3 barbiturates
 NT4 nembutal
 NT4 phenobarbital
 NT3 cytidine
 NT3 cytosine
 NT3 deoxycytidine
 NT3 thiamine
 NT3 thymidine
 NT4 fluorothymidine
 NT3 uracils
 NT4 bromouracils
 NT5 budr
 NT4 chlorouracils
 NT4 deoxyuridine
 NT4 fluorouracils
 NT5 fudr
 NT4 iodouracils
 NT5 iododeoxyuridine
 NT4 orotic acid
 NT4 thiouracil
 NT4 thymine
 NT4 uridine
 NT2 triazines
 NT3 cyanurates
 NT3 melamine
 NT1 azoles
 NT2 carbazoles
 NT2 imidazoles
 NT3 allantoin
 NT3 benzimidazoles
 NT3 biotin
 NT3 creatinine
 NT3 histamine
 NT3 histidine
 NT3 hydantoins
 NT3 metronidazole
 NT3 misonidazole
 NT3 urocanic acid
 NT2 oxadiazoles
 NT2 oxazoles
 NT3 benzoxazoles
 NT3 popop
 NT2 pyrazoles
 NT3 indazoles
 NT3 pyrazolines
 NT4 antipyrine
 NT2 pyrroles
 NT3 bilirubin
 NT3 indoles
 NT4 indigo
 NT4 indocyanine green
 NT4 lysergic acid
 NT4 reserpine
 NT4 strychnine
 NT4 tryptamines
 NT5 melatonin
 NT5 serotonin
 NT6 bufotenine
 NT4 tryptophan
 NT4 vinblastine
 NT3 pyrrolidines
 NT4 hydroxyproline
 NT4 nicotine
 NT4 proline
 NT3 pyrrolidones
 NT4 pvp
 NT2 tetrazoles
 NT3 tetrazolium
 NT2 thiadiazoles
 NT2 thiazoles
 NT3 benzothiazoles
 NT3 saccharin
 NT3 thiamine

NT2 triazoles
 NT1 bedt-ttf
 NT1 dioxane
 NT1 dioxin
 NT1 furans
 NT2 benzofurans
 NT2 furfural
 NT2 tetrahydrofuran
 NT3 mthf
 NT1 heterocyclic acids
 NT2 bilirubin
 NT2 biotin
 NT2 histidine
 NT2 hydroxyproline
 NT2 lysergic acid
 NT2 nicotinic acid
 NT2 orotic acid
 NT2 picolinic acid
 NT2 porphyrins
 NT3 chlorins
 NT3 chlorophyll
 NT3 hematoporphyrins
 NT3 heme
 NT3 hemoglobin
 NT4 methemoglobin
 NT3 hemosiderin
 NT3 myoglobin
 NT3 protoporphyrins
 NT2 proline
 NT2 rhodamines
 NT2 thioctic acid
 NT2 tryptophan
 NT2 urocanic acid
 NT1 heterocyclic oxygen compounds
 NT2 pyrans
 NT3 coumarin
 NT3 hematoxylin
 NT3 pyrones
 NT3 quercetin
 NT3 tetrahydropyran
 NT1 imipramine
 NT1 isoalloxazines
 NT2 diaphorase
 NT1 lactones
 NT2 coumarin
 NT2 gibberellic acid
 NT1 morpholines
 NT1 phthalocyanines
 NT1 polycyclic sulfur heterocycles
 NT1 psoralen
 NT1 tetrathiafulvalene
 NT1 thionaphthenes
 NT1 thionine
 NT1 thiophene
 NT1 tmsf
 NT1 trioxanes
 NT1 tta
 NT1 ttf-tcnq
 RT cyanine dyes
 RT epoxides
 RT lactams
 RT squarylium dyes

HETEROCYCLIC OXYGEN COMPOUNDS

INIS: 1984-04-04; ETDE: 1978-08-08

UF oxetane
 UF polytetraoxane
 *BT1 heterocyclic compounds
 *BT1 organic oxygen compounds
 NT1 pyrans
 NT2 coumarin
 NT2 hematoxylin
 NT2 pyrones
 NT2 quercetin
 NT2 tetrahydropyran
 RT furans

HETERODYNE RECEIVERS

1976-02-11

UF superheterodyne receivers
 *BT1 microwave equipment
 *BT1 radio equipment
 RT frequency converters
 RT radiometers

HETEROGENEOUS CATALYSIS

INIS: 1992-02-22; ETDE: 1984-07-20
Catalysis occurring at a phase boundary, usually a solid-fluid interface.
 BT1 catalysis

HETEROGENEOUS EFFECTS

Effects of dissimilar constituents on neutron diffusion in shielding or reactor cores.
 RT absorption
 RT homogenization methods
 RT neutron flux
 RT reactor kinetics
 RT reservoir rock
 RT shielding

HETEROGENEOUS REACTOR CORES

INIS: 1981-05-11; ETDE: 1981-06-13
Reactor cores using various types of fuel simultaneously.
 *BT1 reactor cores
 RT fbr type reactors

HETEROJUNCTIONS

INIS: 1982-08-27; ETDE: 1981-07-18
 (Prior to July 1981, this concept in ETDE was indexed to SEMICONDUCTOR JUNCTIONS.)
 BT1 semiconductor junctions
 RT homojunctions
 RT quantum wells

heteropoly acids

INIS: 2000-04-12; ETDE: 1979-08-08
Complex acids of metals, whose specific gravity is >4, with phosphoric acid. See also MOLYBDOPHOSPHORIC ACID and TUNGSTOPHOSPHORIC ACID.
 (Prior to March 1997 this was a valid ETDE descriptor.)
 USE inorganic acids

HETEROPOLYANIONS

*BT1 anions
 BT1 complexes
 RT molybdophosphoric acid
 RT tungstophosphoric acid

heterozygotes

USE hybridization

HEULANDITE

INIS: 2000-04-12; ETDE: 1976-01-23
A zeolite mineral.
 *BT1 zeolites

HEUSLER ALLOYS

*BT1 aluminium alloys
 *BT1 copper base alloys
 *BT1 corrosion resistant alloys
 *BT1 manganese alloys
 RT brass
 RT bronze

HEVEA

*BT1 rubber trees

HEW-305 REACTOR

2000-04-12
 US AEC, Richland, Washington, USA.
 UF hanford 305 test reactor
 *BT1 graphite moderated reactors
 *BT1 natural uranium reactors

*BT1 research reactors
 *BT1 test reactors
 *BT1 thermal reactors

hewlett-packard computers

USE hp computers

HEXADECANE

*BT1 alkanes

HEXADECANOIC ACID

UF palmitic acid
 *BT1 monocarboxylic acids

HEXADECAPOLLES

1977-11-02

BT1 multipoles

hexagonal close packed

USE hcp lattices

HEXAGONAL CONFIGURATION

BT1 configuration

HEXAGONAL LATTICES

*BT1 three-dimensional lattices
 NT1 hcp lattices

HEXAGONAL SYSTEMS

2015-06-22

*BT1 two-dimensional systems
 RT silicene

hexahydropyridines

USE piperidines

hexamethylenediaminetetraacetic acid

1996-10-23

(Prior to March 1997 HMDTA was used for this concept in ETDE.)

USE amino acids
 USE chelating agents

hexamethylenetetramine

USE urotropin

HEXANE

*BT1 alkanes
 RT cyclohexane

HEXANOIC ACID

UF caproic acid
 *BT1 monocarboxylic acids

HEXANOLS

UF hexyl alcohols
 *BT1 alcohols

HEXAPOLAR CONFIGURATIONS

*BT1 multipolar configurations

HEXAPOLES

BT1 multipoles

HEXENES

*BT1 alkenes

HEXOKINASE

*BT1 phosphotransferases

HEXOSAMINES

*BT1 amines
 *BT1 hexoses
 NT1 glucosamine

HEXOSES

UF cypasin
 UF fucose
 *BT1 monosaccharides
 NT1 fructose
 NT1 galactose
 NT1 glucose
 NT1 hexosamines
 NT2 glucosamine

NT1 mannose
NT1 sorbose

HEXOSYL TRANSFERASES

INIS: 2000-04-12; ETDE: 1981-06-13

Code number 2.4.1.

*BT1 glycosyl transferases

hexyl alcohols

USE hexanols

HEXYL RADICALS

*BT1 alkyl radicals

HEYSHAM-A REACTOR

Heysham, Lancashire, United Kingdom.

*BT1 agr type reactors
 *BT1 carbon dioxide cooled reactors
 *BT1 power reactors
 *BT1 thermal reactors

HEYSHAM-B REACTOR

Heysham, Lancashire, United Kingdom.

*BT1 agr type reactors
 *BT1 carbon dioxide cooled reactors
 *BT1 power reactors
 *BT1 thermal reactors

hf radiation

USE short wave radiation

HFBR REACTOR

Association of Universities Inc., Upton, New York, USA.

UF brookhaven high flux beam reactor
 *BT1 enriched uranium reactors
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 thermal reactors
RT tristan separator

HFETR REACTOR

INIS: 1986-04-03; ETDE: 1986-06-12

UF high flux engineering test reactor
 *BT1 enriched uranium reactors
 *BT1 materials testing reactors
 *BT1 thermal reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors

HFIR REACTOR

ORNL, Oak Ridge, Tennessee, USA.

UF high flux isotope reactor
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 test reactors
 *BT1 thermal reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors

HFR REACTOR

Commission of the European Communities, Joint Research Centre, Petten, Netherlands.

UF high flux reactor petten
UF high-flux reactor petten
UF petten high flux reactor
 *BT1 enriched uranium reactors
 *BT1 materials testing reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 thermal reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors

hfs

USE hyperfine structure

HGI2 SEMICONDUCTOR DETECTORS

INIS: 1975-12-09; ETDE: 1976-01-26

Mercury iodide semiconductor detectors.

UF mercuric iodide detectors
 *BT1 semiconductor detectors

hhirf

INIS: 2000-04-12; ETDE: 1977-07-23

(Prior to July 1985, this was a valid ETDE descriptor.)

USE hhirf accelerator

HHIRF ACCELERATOR

INIS: 1978-08-14; ETDE: 1978-10-20

UF hhirf
UF holfield heavy ion research facility
 *BT1 heavy ion accelerators
RT heavy ions
RT orn1 isochronous cyclotron

HIBERNATION

UF aestivation
RT hypothermia
RT sleep

hichlor process

INIS: 2000-04-12; ETDE: 1981-03-17

High temperature chlorination of fly ash in the presence of a reductant for the extraction of aluminium, titanium, and iron.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE waste processing

HIDDEN VARIABLES

1985-11-18

(Prior to December 1985

NONMEASURABLE VARIABLES was used for this concept.)

UF non-measurable variables
UF nonmeasurable variables
RT bell theorem
RT quantum mechanics
RT wave functions

HIFAR REACTOR

Australian Atomic Energy Commission, Nuclear Science and Technology Branch, Lucas Heights, Australia. Ppermanent shutdown since 2007.

*BT1 enriched uranium reactors
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 isotope production reactors
 *BT1 materials testing reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 test reactors
 *BT1 thermal reactors

HIGASHIDORI-1 REACTOR

2008-07-24

Tohoku Electric Power Co., Higashidori, Aomori, Japan

*BT1 bwr type reactors

HIGGS BOSONS

INIS: 1976-07-16; ETDE: 1976-11-01

BT1 bosons
 BT1 elementary particles
RT higgsinos
RT symmetry breaking

HIGGS MODEL

INIS: 1977-01-26; ETDE: 1976-04-19

A gauge invariant model describing massive vector bosons, in which the scalar fields form an octet under su-3.

*BT1 particle models
RT instantons

RT quantum field theory
RT su-3 groups
RT vector mesons

HIGGSINOS

2013-08-26

*BT1 sparticles
RT higgs bosons
RT neutralinos

high acceptance spectrometer

2017-11-01

USE hades detector

HIGH ALLOY STEELS

INIS: 1983-11-09; ETDE: 1988-12-06

*BT1 steels

NT1 stainless steels
NT2 chromium-nickel steels
NT3 alloy-d-9
NT3 carpenter
NT3 chromium-nickel-molybdenum steels
NT4 alloy-m-813
NT4 steel-cr11ni10mo2ti-l
NT4 steel-cr15ni15motib
NT4 steel-cr16ni13monbv
NT4 steel-cr16ni15mo3nb
NT4 steel-cr16ni16monb
NT4 steel-cr16ni8mo2
NT5 stainless steel-16-8-2
NT4 steel-cr16ni9mo2
NT4 steel-cr17ni12mo3
NT5 stainless steel-316
NT4 steel-cr17ni12mo3-l
NT5 stainless steel-316l
NT5 stainless steel-zcnd17-13
NT4 steel-cr17ni12monb
NT4 steel-cr17ni13mo2ti
NT4 steel-cr17ni13mo3ti
NT4 steel-ni26cr15ti2movalb
NT5 alloy-a-286
NT3 durco
NT3 enduro
NT3 stainless steel-17-7ph
NT3 stainless steel-303
NT3 stainless steel-329
NT3 stainless steel-ph-15-7-mo
NT3 steel-cr17ni13
NT3 steel-cr17ni7
NT4 stainless steel-301
NT3 steel-cr18ni10
NT4 stainless steel-18-10
NT3 steel-cr18ni10-l
NT3 steel-cr18ni10ti
NT4 stainless steel-321
NT3 steel-cr18ni11
NT4 steel-x6crni1811
NT3 steel-cr18ni11nb
NT4 stainless steel-347
NT3 steel-cr18ni11nbco
NT4 stainless steel-348
NT3 steel-cr18ni12
NT4 stainless steel-305
NT3 steel-cr18ni12ti
NT3 steel-cr18ni8
NT4 stainless steel-18-8
NT3 steel-cr18ni9
NT4 stainless steel-302
NT3 steel-cr18ni9ti
NT3 steel-cr19ni10
NT4 stainless steel-304
NT3 steel-cr19ni10-l
NT4 stainless steel-304l
NT3 steel-cr20ni11
NT4 stainless steel-308
NT3 steel-cr20ni11-l
NT4 stainless steel-308l
NT3 steel-cr23ni14
NT4 stainless steel-309

NT4 stainless steel-309s
 NT3 steel-cr23ni18
 NT3 steel-cr25ni20
 NT4 alloy-hk-40
 NT4 stainless steel-310
 NT3 steel-ni25cr20
 NT4 stainless steel-20-25
 NT3 steel-ni36cr12ti3al-l
 NT3 timken alloys
 NT2 chromium steels
 NT3 chromium-molybdenum steels
 NT4 chromium-nickel-molybdenum steels
 NT5 alloy-m-813
 NT5 steel-cr11ni10mo2ti-l
 NT5 steel-cr15ni15motib
 NT5 steel-cr16ni13monbv
 NT5 steel-cr16ni15mo3nb
 NT5 steel-cr16ni16monb
 NT5 steel-cr16ni8mo2
 NT6 stainless steel-16-8-2
 NT5 steel-cr16ni9mo2
 NT5 steel-cr17ni12mo3
 NT6 stainless steel-316
 NT5 steel-cr17ni12mo3-l
 NT6 stainless steel-316l
 NT6 stainless steel-zcnd17-13
 NT5 steel-cr17ni12monb
 NT5 steel-cr17ni13mo2ti
 NT5 steel-cr17ni13mo3ti
 NT5 steel-ni26cr15ti2movalb
 NT6 alloy-a-286
 NT3 magnet steel-ks
 NT3 miduale
 NT3 stainless steel-406
 NT3 steel-cr10mo2
 NT3 steel-cr12
 NT4 stainless steel-403
 NT3 steel-cr12moniv
 NT3 steel-cr12mov
 NT4 alloy-ht-9
 NT3 steel-cr13
 NT4 stainless steel-410
 NT3 steel-cr13al
 NT4 stainless steel-405
 NT3 steel-cr16
 NT4 stainless steel-430
 NT3 steel-cr16ni
 NT3 steel-cr17cu4ni4nb-l
 NT4 stainless steel-17-4ph
 NT3 steel-cr17mo
 NT4 stainless steel-440
 NT3 steel-cr17ni4mo3
 NT3 steel-cr18
 NT3 steel-cr25
 NT4 stainless steel-446
 NT3 steel-cr9mo
 NT3 steel-cr9monbv
 NT2 low carbon-high alloy steels
 NT3 steel-cr11ni10mo2ti-l
 NT3 steel-cr17cu4ni4nb-l
 NT4 stainless steel-17-4ph
 NT3 steel-cr17ni12mo3-l
 NT4 stainless steel-316l
 NT4 stainless steel-zcnd17-13
 NT3 steel-cr18ni10-l
 NT3 steel-cr19ni10-l
 NT4 stainless steel-304l
 NT3 steel-cr20ni11-l
 NT4 stainless steel-308l
 NT3 steel-ni36cr12ti3al-l
 NT2 stainless steel-317
 NT2 stainless steel-318
 NT2 stainless steel-422
 NT2 stainless steel-fv-548
 NT2 stainless steel-jbk-75
 NT2 stainless steel m-50
 NT2 steel-cr21mn9ni6
 NT3 stainless steel-21-6-9

NT2 sweetalloy

high altitude (stratosphere)

USE stratosphere

HIGH-BETA PLASMA

Plasma with Beta ratio of from 0.1 to 1.0.

BT1 plasma
 RT beta ratio

HIGH BTU GAS

2000-04-12

Over 900 btu per cubic foot.

UF pipeline quality gas
 UF sng
 UF synthetic natural gas
 *BT1 fuel gas
 RT crg processes
 RT cs-r process
 RT hygas process
 RT kellogg process
 RT sng plants
 RT sng processes

HIGH-CHARGE-STATE ION SOURCES

2018-02-26

BT1 ion sources

HIGH-CURRENT ION SOURCES

2018-02-26

BT1 ion sources

high energy accelerator research organization

2016-07-11

USE kek

HIGH-ENERGY LIMIT

2017-05-11

RT asymptotic solutions
 RT black holes
 RT cosmology
 RT energy
 RT fundamental interactions
 RT low-energy limit
 RT scattering
 RT unified field theories

HIGH ENERGY PHYSICS

Use only for articles of a very broad nature such as an annual research program, etc.

BT1 physics
 RT neutron physics
 RT nuclear physics
 RT vortex theory

high energy radiotherapy

USE radiotherapy

high explosives

USE chemical explosives

high flux engineering test reactor

INIS: 1993-11-08; ETDE: 2002-06-13

USE hfetr reactor

high flux isotope reactor

USE hfir reactor

high flux reactor petten

USE hfr reactor

high-flux reactor petten

INIS: 1984-07-20; ETDE: 2002-06-13

USE hfr reactor

HIGH FREQUENCY AMPLIFIERS

*BT1 amplifiers

HIGH-FREQUENCY DISCHARGES

UF microwave discharges
 BT1 electric discharges

RT high-frequency heating
 RT plasma production

HIGH-FREQUENCY HEATING

UF drift pumping
 *BT1 plasma heating
 NT1 ecr heating
 NT1 icr heating
 NT1 lower hybrid heating
 NT1 magnetic-pumping heating
 NT2 acoustic heating
 NT2 collisional heating
 NT2 transit-time magnetic pumping
 RT high-frequency discharges

high frequency radiation

USE short wave radiation

high-frequency radiation

INIS: 1984-07-20; ETDE: 2002-06-13

USE short wave radiation

HIGH-HEAD HYDROELECTRIC POWER PLANTS

INIS: 1997-10-03; ETDE: 1978-08-08

Heads greater than 150 meters.

*BT1 hydroelectric power plants

HIGH INCOME GROUPS

INIS: 2000-04-12; ETDE: 1978-10-23

*BT1 minority groups
 RT income
 RT income distribution
 RT low income groups
 RT socio-economic factors

HIGH-LEVEL RADIOACTIVE WASTES

INIS: 1978-05-19; ETDE: 1978-01-23

Wastes containing more than 100 microcuries/milliliter of radioactivity.

*BT1 radioactive wastes
 RT ceramic melters
 RT gorleben salt dome
 RT intermediate-level radioactive wastes
 RT low-level radioactive wastes
 RT monitored retrievable storage
 RT nuclear waste policy acts
 RT pamela plant
 RT us mrs project
 RT wipp

high performance demonstration experiment

INIS: 2000-04-12; ETDE: 1980-02-11

USE mhd generator aedc

HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY

2004-07-16

UF high-pressure liquid chromatography
 UF hplc
 *BT1 liquid column chromatography

high pressure

(Prior to November 2003 this was a valid descriptor.)

USE pressure range mega pa 10-100

high-pressure areas

2013-12-13

USE anticyclones

HIGH PRESSURE COOLANT INJECTION

1979-01-18

UF hpci
 *BT1 eccs
 RT reactor safety

high-pressure liquid chromatography

2004-07-16

USE high-performance liquid chromatography

HIGH-PURITY GE DETECTORS

INIS: 1975-12-09; ETDE: 1976-01-26

UF ge detectors (high-purity)

*BT1 ge semiconductor detectors

HIGH-RISE BUILDINGS

2005-06-01

Buildings at least 35 meters (12 stories) in height.

UF multistory buildings

UF skyscrapers

BT1 buildings

RT canyons

RT wind loads

HIGH ROOMS

2006-05-26

Large, open spaces (usually more than 7m high) found in such structures as churches, concert halls, and industrial factories.

SF halls

RT atria

RT buildings

RT domed structures

HIGH SEAS

INIS: 1976-12-08; ETDE: 1994-08-10

RT fishery laws

RT maritime laws

RT seas

RT territorial waters

HIGH SPIN STATES

BT1 energy levels

RT backbending

RT spin

HIGH-SULFUR COAL

2014-03-28

Coal generally containing more than 1% S by weight.

*BT1 coal

RT sulfur content

high-sulfur crude oil

INIS: 1993-03-23; ETDE: 1993-04-16

USE sour crudes

HIGH-TC SUPERCONDUCTORS

INIS: 1990-08-24; ETDE: 1990-03-02

Superconductors having critical temperature greater than 30 degrees Kelvin.

*BT1 type-ii superconductors

RT chalcogenides

RT hubbard model

RT kosterlitz-thouless theory

RT superconductivity

high temperature

1992-02-04

(Prior to February 1992, this was a valid ETDE descriptor.)

USE temperature range 0400-1000 k

HIGH-TEMPERATURE FUEL CELLS

1992-02-11

*BT1 fuel cells

NT1 molten carbonate fuel cells

NT1 solid oxide fuel cells

high temperature gas cooled and graphite moderated reactors

1993-11-08

USE htgr type reactors

high temperature lattice test reactor

1993-11-08

USE hltr reactor

high temperature test reactor

INIS: 1988-10-10; ETDE: 2002-06-13

USE httr reactor

high-temperature winkler process

INIS: 2000-04-12; ETDE: 1982-10-05

USE htw process

high vacuum

(Prior to November 2003 this was a valid descriptor.)

SEE pressure range micro pa

SEE pressure range milli pa

high voltage alternating current

systems

INIS: 1996-01-30; ETDE: 1976-05-17

USE hvac systems

high voltage direct current systems

2000-04-12

USE hvdc systems

HIGH-VOLTAGE PULSE GENERATORS

*BT1 pulse generators

NT1 marx generators

highland uranium mill

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE feed materials plants

HIGHLY ENRICHED URANIUM

80 - 100 per cent.

*BT1 enriched uranium

highways

1992-03-05

USE roads

HILACS

UF heavy ion linear accelerators

*BT1 heavy ion accelerators

*BT1 linear accelerators

NT1 atlas superconducting linac

NT1 superhilac

RT heavy ion reactions

RT heavy ions

HILBERT SPACE

*BT1 banach space

HILBERT TRANSFORMATION

*BT1 integral transformations

HILL EQUATION

*BT1 differential equations

HILL-WHEELER THEORY

RT collective model

RT nuclear models

HIMAC ACCELERATOR

1993-10-03

Heavy Ion Medical ACcelerator, Chiba, Japan.

*BT1 heavy ion accelerators

*BT1 synchrotrons

HIMALAYAS

1977-11-02

BT1 mountains

HINKLEY POINT-A REACTOR

Hinkley Point, Somerset, United Kingdom.

Permanently shut down since 2000.

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 thermal reactors

HINKLEY POINT-B REACTOR

Hinkley Point, Somerset, United Kingdom.

*BT1 agr type reactors

*BT1 carbon dioxide cooled reactors

*BT1 power reactors

*BT1 thermal reactors

HIPERCO

2000-04-12

*BT1 cobalt alloys

*BT1 iron base alloys

HIPPOCAMPUS

1982-02-09

*BT1 brain

RT receptors

HIPPURAN

UF iodohippurate

UF iodohippurate-na

UF n-o-iodobenzoylaminoacetate

UF orthiodohippurate

UF sodium iodohippurate

UF sodium n-o-iodobenzoylaminoacetate

UF sodium orthiodohippurate

BT1 contrast media

RT hippuric acid

HIPPURIC ACID

UF benzoylaminoacetic acid

UF benzoylglycine

UF benzoylglycocoll

*BT1 amino acids

RT glycine

RT hippuran

hipure process

2000-04-12

Process for gas purification if hydrogen sulfide must be removed to one ppm or less and carbon dioxide to only a few ppm.

USE desulfurization

hirfl

INIS: 2000-04-12; ETDE: 1983-03-24

(Prior to July 1985, this was a valid ETDE descriptor.)

USE hirfl cyclotron

HIRFL CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-07-07

Heavy Ion Research Facility, Lanzhou, China.

UF heavy ion research facility lanzhou cyclotron

UF hirfl

UF lanzhou cyclotron

*BT1 heavy ion accelerators

*BT1 isochronous cyclotrons

hirohax process

INIS: 2000-04-12; ETDE: 1979-01-30

Wet oxidation of adsorbed sulfur compounds to sulfuric acid and ammonium sulfate.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE desulfurization

HIROSHIMA

*BT1 japan

RT a-bomb survivors

RT little boy

RT nuclear explosions

RT nuclear weapons

HISPANIC AMERICANS

INIS: 2000-04-12; ETDE: 1982-01-21

UF american hispanics

*BT1 minority groups

RT sociology

HISPANIOLA

INIS: 1992-06-04; ETDE: 1980-02-11

- *BT1 greater antilles
- NT1 dominican republic
- NT1 haiti

histaminase

1997-01-28
(Until October 1996 this was a valid descriptor.)

- USE amine oxidases

HISTAMINE

- *BT1 amines
- *BT1 imidazoles
- RT allergy
- RT antihistaminics
- RT capillaries

HISTIDINE

- *BT1 amino acids
- *BT1 heterocyclic acids
- *BT1 imidazoles

HISTOCOMPATIBILITY COMPLEX

INIS: 2000-04-12; ETDE: 1988-04-15

- BT1 antigens
- RT graft-host reaction
- RT immune system diseases
- RT immunosuppression
- RT lymphocytes

HISTOLOGICAL TECHNIQUES

INIS: 1975-10-29; ETDE: 1975-12-16

- RT animal tissues
- RT histology
- RT microscopy
- RT stains

HISTOLOGY

- RT animal tissues
- RT histological techniques
- RT microscopy

HISTONES

- *BT1 proteins
- RT nucleoproteins
- RT nucleosomes

HISTORICAL ASPECTS

INIS: 1983-06-02; ETDE: 1983-07-07
For documents concerning the history of scientific and technical activities.

- RT archaeology
- RT cultural objects
- RT research programs
- RT sociology

HITACHI COMPUTERS

INIS: 1992-08-18; ETDE: 1986-02-04

- BT1 computers

hitachi training reactor

- USE htr reactor

hitachi zosen process

INIS: 2000-04-12; ETDE: 1983-06-20
A denitrification process in which ammonia is added to flue gas to selectively reduce nitrogen oxides to nitrogen in a catalytic reactor.

(Prior to January 1995, this was a valid ETDE descriptor.)

- SEE air pollution control
- SEE denitrification

HITREX-1 REACTOR

INIS: 1977-02-08; ETDE: 1977-04-13

- *BT1 graphite moderated reactors
- *BT1 thermal reactors
- *BT1 zero power reactors

hitrex-2 reactor

INIS: 2000-04-12; ETDE: 1984-08-20
(Prior to June 1991, this was a valid ETDE descriptor.)

- USE zero power reactors

hiv

2004-05-28
USE aids virus

hk 40

INIS: 2000-04-12; ETDE: 1979-08-09
USE steel-cr25ni20

HL-1 TOKAMAK

INIS: 1989-12-08; ETDE: 1990-01-03
Southwestern Institute of Physics, Leshan, Sichuan, China.

- *BT1 tokamak devices

HL-1M TOKAMAK

1998-09-24
Southwestern Institute of Physics, Leshan, Sichuan, China.

- *BT1 tokamak devices

HL-2 TOKAMAK

1997-03-07
Southwestern Institute of Physics, Leshan, Sichuan, China.

- *BT1 tokamak devices

HL-2A TOKAMAK

2003-01-17
Southwestern Institute of Physics, Leshan, Sichuan, China.

- *BT1 tokamak devices

hmdta

1996-10-23
Hexamethylenediaminetetraacetic acid.
(Until October 1996 this was a valid descriptor.)

- USE amino acids
- USE chelating agents

HNPf REACTOR

US AEC, Hallam, Nebraska, USA.
Decommissioned in 1964.

- UF hallam nuclear power facility
- *BT1 enriched uranium reactors
- *BT1 graphite moderated reactors
- *BT1 power reactors
- *BT1 sodium cooled reactors
- *BT1 thermal reactors

ho2

INIS: 1985-01-18; ETDE: 1982-11-08
USE hydroperoxy radicals

HODGKINS DISEASE

- UF lymphogranuloma malignum
- UF lymphogranulomatosis
- *BT1 lymphomas

HODOSCOPES

- RT counting techniques
- RT telescope counters

hoelter process

INIS: 2000-04-12; ETDE: 1977-03-04
Reaction of flue gas sulfur dioxide, dissolved in scrub water, with milk of lime in the presence of chloride ion to prevent the precipitation of carbonate and promote the precipitation of calcium sulfite which is oxidized to calcium sulfate.
(Prior to March 1994, this was a valid ETDE descriptor.)

- USE desulfurization

hoffman process

INIS: 2000-04-12; ETDE: 1981-04-17
Gasification process using entrained mixture of coal and alkali in superheated steam in ebullated catalyst bed.
(Prior to July 1993, this was a valid ETDE descriptor.)

- USE coal gasification

hog fuel

INIS: 2000-04-12; ETDE: 1979-04-11
USE wood wastes

hoger onderwijs reactor

- USE hor reactor

hoisting

INIS: 2000-04-12; ETDE: 1978-05-03
(Prior to March 1997 this was a valid ETDE descriptor.)

- USE materials handling

HOISTS

1999-07-12
(Until July 1999 this information was indexed by CRANES.)

- *BT1 materials handling equipment
- RT cranes
- RT grabs
- RT materials handling
- RT winches

HOKURIKU-1 REACTOR

2000-04-12
*BT1 power reactors

HOLE MOBILITY

- BT1 mobility

HOLES

Absence of electrons from otherwise filled electron bands; see also BLACK HOLES, CAVITIES, OPENINGS, BOREHOLES, and VOIDS.

- UF electron holes
- RT charge carriers
- RT electron-hole coupling
- RT electron-hole droplets
- RT point defects
- RT quasi particles
- RT trapping
- RT traps

holifield heavy ion research facility

INIS: 1978-08-14; ETDE: 1977-07-23
USE hhirf accelerator

HOLLANDITE

INIS: 1981-09-18; ETDE: 1981-06-13

- *BT1 oxide minerals
- RT aluminium oxides
- RT barium oxides
- RT synroc process
- RT titanium oxides

HOLLOW ANODES

2004-12-20
*BT1 anodes

HOLLOW CATHODES

- *BT1 cathodes

HOLLOW FUEL RODS

- *BT1 fuel rods

holly event

INIS: 1994-10-14; ETDE: 1976-03-12
A test made during PROJECT HARDTACK.
(Prior to September 1994, this was a valid ETDE descriptor.)

- USE nuclear explosions
- USE surface explosions

HOLMES-STRETFORD PROCESS*2000-04-12**Process for removal of sulfur compounds from fuel gas manufactured from coal.*

*BT1 desulfurization

HOLMIUM

*BT1 rare earths

HOLMIUM 140*2007-02-14*

*BT1 holmium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 proton decay radioisotopes
*BT1 rare earth nuclei

HOLMIUM 141*INIS: 2001-03-15; ETDE: 2001-02-12*

*BT1 holmium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 proton decay radioisotopes
*BT1 rare earth nuclei

HOLMIUM 142*2007-02-14*

*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

HOLMIUM 143*2004-12-15*

*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

HOLMIUM 144*INIS: 1987-02-25; ETDE: 1987-05-01*

*BT1 holmium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

HOLMIUM 145*INIS: 1988-04-15; ETDE: 1988-05-23*

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

HOLMIUM 146*1981-09-17*

*BT1 beta-plus decay radioisotopes
*BT1 holmium isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

HOLMIUM 147*1982-06-09*

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

HOLMIUM 148*INIS: 1979-09-18; ETDE: 1979-04-11*

*BT1 beta-plus decay radioisotopes
*BT1 holmium isotopes
*BT1 isomeric transition isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

HOLMIUM 149

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

HOLMIUM 150

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

HOLMIUM 151

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

HOLMIUM 152

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

HOLMIUM 153

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

HOLMIUM 154

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

HOLMIUM 155

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

HOLMIUM 156

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

HOLMIUM 157

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

HOLMIUM 158

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

HOLMIUM 159

*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

HOLMIUM 160

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 hours living radioisotopes
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

HOLMIUM 161

*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 hours living radioisotopes
*BT1 isomeric transition isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

HOLMIUM 162

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 hours living radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

HOLMIUM 163

*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 isomeric transition isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes
*BT1 years living radioisotopes

HOLMIUM 164

*BT1 beta-minus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 holmium isotopes
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

HOLMIUM 165

*BT1 holmium isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 stable isotopes

HOLMIUM 165 REACTIONS*INIS: 1983-09-05; ETDE: 1982-07-08*

*BT1 heavy ion reactions

HOLMIUM 165 TARGET*ETDE: 1976-07-09*

BT1 targets

HOLMIUM 166

*BT1 beta-minus decay radioisotopes

- *BT1 days living radioisotopes
- *BT1 holmium isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 years living radioisotopes

HOLMIUM 167

- *BT1 beta-minus decay radioisotopes
- *BT1 holmium isotopes
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

HOLMIUM 168

- *BT1 beta-minus decay radioisotopes
- *BT1 holmium isotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

HOLMIUM 169

- *BT1 beta-minus decay radioisotopes
- *BT1 holmium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

HOLMIUM 170

- *BT1 beta-minus decay radioisotopes
- *BT1 holmium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

HOLMIUM 171

INIS: 1988-03-08; ETDE: 1988-04-07

- *BT1 beta-minus decay radioisotopes
- *BT1 holmium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

HOLMIUM 172

INIS: 1990-12-05; ETDE: 1991-01-14

- *BT1 beta-minus decay radioisotopes
- *BT1 holmium isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

HOLMIUM 173

2007-02-14

- *BT1 beta-minus decay radioisotopes
- *BT1 holmium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

HOLMIUM 174

2007-02-14

- *BT1 beta-minus decay radioisotopes
- *BT1 holmium isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

HOLMIUM 175

2007-02-14

- *BT1 beta-minus decay radioisotopes
- *BT1 holmium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

HOLMIUM ADDITIONS

Alloys containing not more than 1% Ho are listed here.

- *BT1 holmium alloys
- *BT1 rare earth additions

HOLMIUM ALLOYS

Alloys containing more than 1% Ho.

- *BT1 rare earth alloys
- NT1 holmium additions
- NT1 holmium base alloys

HOLMIUM BASE ALLOYS

- *BT1 holmium alloys

HOLMIUM BORIDES

- *BT1 borides
- *BT1 holmium compounds

HOLMIUM BROMIDES

- *BT1 bromides
- *BT1 holmium halides

HOLMIUM CARBIDES

- *BT1 carbides
- *BT1 holmium compounds

HOLMIUM CARBONATES

INIS: 2000-04-12; ETDE: 1989-05-11

- *BT1 carbonates
- *BT1 holmium compounds

HOLMIUM CHLORIDES

- *BT1 chlorides
- *BT1 holmium halides

HOLMIUM COMPLEXES

- *BT1 rare earth complexes

HOLMIUM COMPOUNDS

1997-06-17

- BT1 rare earth compounds
- NT1 holmium borides
- NT1 holmium carbides
- NT1 holmium carbonates
- NT1 holmium halides
- NT2 holmium bromides
- NT2 holmium chlorides
- NT2 holmium fluorides
- NT2 holmium iodides
- NT1 holmium hydrides
- NT1 holmium hydroxides
- NT1 holmium nitrates
- NT1 holmium nitrides
- NT1 holmium oxides
- NT1 holmium perchlorates
- NT1 holmium phosphates
- NT1 holmium phosphides
- NT1 holmium selenides
- NT1 holmium silicates
- NT1 holmium silicides
- NT1 holmium sulfates
- NT1 holmium sulfides
- NT1 holmium tellurides

HOLMIUM FLUORIDES

- *BT1 fluorides
- *BT1 holmium halides

HOLMIUM HALIDES

2012-07-19

- *BT1 halides
- *BT1 holmium compounds
- NT1 holmium bromides
- NT1 holmium chlorides
- NT1 holmium fluorides
- NT1 holmium iodides

HOLMIUM HYDRIDES

- *BT1 holmium compounds
- *BT1 hydrides

HOLMIUM HYDROXIDES

- *BT1 holmium compounds
- *BT1 hydroxides

HOLMIUM IODIDES

- *BT1 holmium halides
- *BT1 iodides

HOLMIUM IONS

- *BT1 ions

HOLMIUM ISOTOPES

- BT1 isotopes
- NT1 holmium 140
- NT1 holmium 141
- NT1 holmium 142
- NT1 holmium 143
- NT1 holmium 144
- NT1 holmium 145
- NT1 holmium 146
- NT1 holmium 147
- NT1 holmium 148
- NT1 holmium 149
- NT1 holmium 150
- NT1 holmium 151
- NT1 holmium 152
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- NT1 holmium 163
- NT1 holmium 164
- NT1 holmium 165
- NT1 holmium 166
- NT1 holmium 167
- NT1 holmium 168
- NT1 holmium 169
- NT1 holmium 170
- NT1 holmium 171
- NT1 holmium 172
- NT1 holmium 173
- NT1 holmium 174
- NT1 holmium 175

HOLMIUM NITRATES

- *BT1 holmium compounds
- *BT1 nitrates

HOLMIUM NITRIDES

- *BT1 holmium compounds
- *BT1 nitrides

HOLMIUM OXIDES

- *BT1 holmium compounds
- *BT1 oxides

HOLMIUM PERCHLORATES

INIS: 2000-04-12; ETDE: 1975-10-28

- *BT1 holmium compounds
- *BT1 perchlorates

HOLMIUM PHOSPHATES

1975-10-23

- *BT1 holmium compounds
- *BT1 phosphates

HOLMIUM PHOSPHIDES

INIS: 1978-07-03; ETDE: 1977-04-12

- *BT1 holmium compounds
- *BT1 phosphides

HOLMIUM SELENIDES

INIS: 1984-08-27; ETDE: 1977-12-22

- *BT1 holmium compounds
- *BT1 selenides

HOLMIUM SILICATES

INIS: 1990-07-24; ETDE: 1982-12-01

- *BT1 holmium compounds
- *BT1 silicates

HOLMIUM SILICIDES

INIS: 1975-10-29; ETDE: 1975-12-16

- *BT1 holmium compounds

*BT1 silicides

HOLMIUM SULFATES

*BT1 holmium compounds

*BT1 sulfates

HOLMIUM SULFIDES

*BT1 holmium compounds

*BT1 sulfides

HOLMIUM TELLURIDES

INIS: 1988-02-02; ETDE: 1978-05-03

*BT1 holmium compounds

*BT1 tellurides

holocene epoch

INIS: 2000-04-12; ETDE: 1977-10-20

USE quaternary period

HOLOGRAPHIC PRINCIPLE

2015-06-01

Mathematical principle stating that the total information contained in a volume of space corresponds to an equal amount of information contained on the boundary of that space.

RT black holes

RT quantum field theory

RT quantum gravity

RT string theory

RT topology

RT universe

HOLOGRAPHY

RT photography

HOLTSMARK THEORY

RT plasma

HOLY SEE

2008-03-28

UF vatican city state

BT1 developed countries

*BT1 western europe

RT italy

holzheimer process

2000-04-12

Process for the underground gasification of oil shale, making use of the total energy content of the shale. Waste heat is utilized in special steam generators and distillation columns.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE in-situ gasification

USE oil shales

HOMALITE

INIS: 1979-09-18; ETDE: 1979-03-27

Brittle polyester used in photoelastic analysis of crack propagation in PWR pressure vessels under LOCA conditions.

*BT1 polyethylene terephthalate

RT araldite

RT photoelasticity

RT stress analysis

HOME RANGE

INIS: 1999-09-01; ETDE: 1976-05-13

The area to which the activities of an animal are confined.

RT ecology

RT habitat fragmentation

RT wild animals

HOMEOSTASIS

RT biological recovery

RT blood

RT blood-brain barrier

RT endocrine glands

RT hormones

RT hypothalamus

RT physiology

RT pituitary gland

HOMOCYSTEINE

ETDE: 1997-03-15

*BT1 amino acids

RT cysteine

homocystine

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE amino acids

HOMOGENATES

RT animal cells

RT animal tissues

RT biological materials

RT in vitro

RT organs

HOMOGENEOUS CATALYSIS

INIS: 1992-04-13; ETDE: 1984-07-20

Catalysis occurring within a single phase, usually a gas or liquid.

BT1 catalysis

HOMOGENEOUS MIXTURES

1999-10-11

*BT1 mixtures

NT1 solutions

NT2 aqueous solutions

NT2 fuel solutions

NT2 hypertonic solutions

NT2 isotonic solutions

NT2 leachates

NT2 process solutions

NT2 solid solutions

HOMOGENEOUS PLASMA

BT1 plasma

homogeneous reactor experiment 2

2000-04-12

USE hre-2 reactor

HOMOGENEOUS REACTORS

BT1 reactors

NT1 fuel dispersion reactors

NT2 fluidized bed reactors

NT2 slurry reactors

NT1 gas fueled reactors

NT2 coaxial flow reactors

NT2 light bulb reactors

NT2 plasma core assembly

NT1 liquid homogeneous reactors

NT2 aqueous homogeneous reactors

NT3 ai-l-77 reactor

NT3 argus reactor

NT3 ber-2 reactor

NT3 byu l-77 reactor

NT3 cesnef reactor

NT3 dr-1 reactor

NT3 frf reactor

NT3 gidra reactor

NT3 hre-2 reactor

NT3 jrr-1 reactor

NT3 kewb reactor

NT3 kstr reactor

NT3 ncscr-1 reactor

NT3 nevada university reactor

NT3 pmc-l-77 reactor

NT3 supo reactor

NT3 wrr reactor

NT1 solid homogeneous reactors

NT2 acpr reactor

NT2 aerojet-general nucleonics reactors

NT3 agn 201 costanza

NT3 agn-201k reactor

NT2 akr-1 reactor

NT2 anex reactor

NT2 ebor reactor

NT2 nsrr reactor

NT2 pebble bed reactors

NT3 avr reactor

NT3 thtr-300 reactor

NT3 vg-400 reactor

NT3 vgr-50 reactor

NT2 romashka reactor

NT2 shca reactor

NT2 sur-100 series reactor

NT2 treat reactor

NT2 triga type reactors

NT3 afri reactor

NT3 atpr reactor

NT3 colorado triga-mk-3 reactor

NT3 cornell triga-mk-2 reactor

NT3 dow triga-mk-1 reactor

NT3 fir-1 reactor

NT3 frf-2 reactor

NT3 frm reactor

NT3 gulf triga-mk-3 reactor

NT3 itu-trr reactor

NT3 kartini-ppny reactor

NT3 lopra reactor

NT3 ma-r1 reactor

NT3 nscr reactor

NT3 ostr reactor

NT3 prpr reactor

NT3 psbr reactor

NT3 rtp reactor

NT3 trico ii reactor

NT3 trico reactor

NT3 triga-1-arizona reactor

NT3 triga-1-california reactor

NT3 triga-1-hanford reactor

NT3 triga-1-hanover reactor

NT3 triga-1-heidelberg reactor

NT3 triga-1-michigan reactor

NT3 triga-2-bandung reactor

NT3 triga-2-bangladesh reactor

NT3 triga-2-dalat reactor

NT3 triga-2-illinois reactor

NT3 triga-2-kansas reactor

NT3 triga-2-ljubljana reactor

NT3 triga-2-mainz reactor

NT3 triga-2-musashi reactor

NT3 triga-2-pavia reactor

NT3 triga-2-pitesti reactor

NT3 triga-2-pitesti-ss-core reactor

NT3 triga-2 reactor

NT3 triga-2-rikkyo reactor

NT3 triga-2-rome reactor

NT3 triga-2-seoul reactor

NT3 triga-2-vienna reactor

NT3 triga-3-la jolla reactor

NT3 triga-3-munich reactor

NT3 triga-3-salazar reactor

NT3 triga-3-seoul reactor

NT3 triga-brazil reactor

NT3 triga-texas reactor

NT3 triga-veterans reactor

NT3 ucbr reactor

NT3 uwnr reactor

NT3 wsur reactor

HOMOGENIZATION METHODS

INIS: 1981-06-19; ETDE: 1981-08-04

Methods in which the heterogeneities of the reactor core must be considered in separate calculations in which the equivalent homogenized parameters are produced for use in subsequent calculations of the overall flux distribution in the reactor.

BT1 calculation methods

RT heterogeneous effects

RT neutron diffusion equation

RT neutron flux

RT neutron transport theory

RT reactor lattice parameters

HOMOJUNCTIONS

INIS: 2000-04-12; ETDE: 1981-07-18

- BT1 semiconductor junctions
- RT heterojunctions

HOMOPOLAR GENERATORS

INIS: 1984-04-04; ETDE: 1981-05-18

D-C generators in which the poles presented to the armature are all of the same polarity.

- UF homopolar machines
- *BT1 electric generators
- RT direct current

homopolar machines

INIS: 2000-04-12; ETDE: 1981-05-18

- USE homopolar generators

homozygotes

ETDE: 2002-06-13

- USE hybridization

HONDURAS

- *BT1 central america
- BT1 developing countries

HONEY

ETDE: 1975-09-11

- BT1 food

HONEYCOMB STRUCTURES

INIS: 1993-03-11; ETDE: 1976-01-07

For single-layer materials (or 2-D materials) see CRYSTAL LATTICES.

- BT1 mechanical structures
- RT solar collectors

honeylocust trees

INIS: 2000-04-12; ETDE: 1981-05-18

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE leguminosae
- USE trees

HONEYWELL COMPUTERS

- BT1 computers

HONG KONG

Former British possession re-integrated into China in 1997.

- *BT1 china

HONGYANHE-1 REACTOR

2017-10-25

Dalian, China

- *BT1 pwr type reactors

HONGYANHE-2 REACTOR

2017-10-25

Dalian, China

- *BT1 pwr type reactors

HONGYANHE-3 REACTOR

2017-10-25

Dalian, China

- *BT1 pwr type reactors

HONGYANHE-4 REACTOR

2017-10-25

Dalian, China

- *BT1 pwr type reactors

HONING

- BT1 machining
- RT grinding

HOOKE LAW

- RT elasticity
- RT poisson ratio
- RT young modulus

HOOKWORM

(From 1974 till March 1997

NIPPOSTRONGYLUS was a valid ETDE descriptor.)

- UF *nippostrongylus*
- *BT1 nematodes
- BT1 parasites
- RT parasitic diseases

HOPE CREEK-1 REACTOR

PSEG Nuclear, LLC, Salem, New Jersey, USA.

(Prior to November 1973 known as NEWBOLD ISLAND-1 REACTOR for the initially planned site, and older material is so indexed.)

- UF *bordentown nj newbold island-1 reactor*
- UF *newbold island-1 reactor*
- UF *public service newbold island-1 reactor*
- *BT1 bwr type reactors

HOPE CREEK-2 REACTOR

Public Service Electric and Gas Co., Salem, New Jersey, USA. Canceled in 1981 before construction began.

(Prior to November 1973 known as NEWBOLD ISLAND-2 REACTOR for the initially planned site, and older material is so indexed.)

- UF *bordentown nj newbold island-2 reactor*
- UF *newbold island-2 reactor*
- UF *public service newbold island-2 reactor*
- *BT1 bwr type reactors

HOPPERS

INIS: 2000-04-12; ETDE: 1977-03-04

- UF *bunkers*
- BT1 containers

HOR REACTOR

Interuniversitair Reactor Instituut/ Technische Hogeschool Delft, Delft, Netherlands.

- UF *delft hoger onderwijs reactor*
- UF *hoger onderwijs reactor*
- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 thermal reactors
- *BT1 training reactors

HORACE REACTOR

Decommissioned since 2010.

- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 zero power reactors

hordeum

- USE barley

HORIZONTAL AXIS TURBINES

INIS: 1992-09-24; ETDE: 1985-08-22

- *BT1 wind turbines
- RT diffuser augmented turbines
- RT tipvane rotors
- RT vortex augmented turbines

horizontal concentration

INIS: 2000-04-12; ETDE: 1979-04-12

- USE horizontal integration

horizontal diversification

INIS: 2000-04-12; ETDE: 1979-04-12

- USE horizontal integration

HORIZONTAL DIVESTITURE

INIS: 2000-04-12; ETDE: 1977-09-19

- RT petroleum industry

- RT regulations

HORIZONTAL INTEGRATION

INIS: 2000-05-04; ETDE: 1979-04-12

- UF *horizontal concentration*
- UF *horizontal diversification*
- RT competition
- RT industry
- RT petroleum industry

hormone antagonists

INIS: 2000-04-12; ETDE: 1981-04-20

Use the descriptor below or one of its narrower terms.

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE drugs

HORMONES

- NT1 adrenal hormones
- NT2 adrenaline
- NT2 corticosteroids
- NT3 glucocorticoids
- NT4 corticosterone
- NT4 cortisone
- NT4 dexamethasone
- NT4 hydrocortisone
- NT4 prednisolone
- NT4 prednisone
- NT3 mineralocorticoids
- NT4 aldosterone
- NT2 noradrenaline
- NT1 peptide hormones
- NT2 calcitonin
- NT2 erythropoietin
- NT2 gastrin
- NT2 glucagon
- NT2 insulin
- NT2 leptin
- NT2 parathormone
- NT2 pituitary hormones
- NT3 acth
- NT3 gonadotropins
- NT4 fsh
- NT4 hcg
- NT4 lth
- NT4 luteinizing hormone
- NT3 liberins
- NT4 lh-rh
- NT3 oxytocin
- NT3 sth
- NT3 tsh
- NT3 vasopressin
- NT2 secretin
- NT2 thyroid hormones
- NT3 diiodothyronine
- NT3 thyrocalcitonin
- NT3 thyroxine
- NT3 triiodothyronine
- NT2 thyronine
- NT2 trh
- NT1 steroid hormones
- NT2 androgens
- NT3 androstenedione
- NT3 androsterone
- NT3 hydroxyandrosterone
- NT3 testosterone
- NT2 corticosteroids
- NT3 glucocorticoids
- NT4 corticosterone
- NT4 cortisone
- NT4 dexamethasone
- NT4 hydrocortisone
- NT4 prednisolone
- NT4 prednisone
- NT3 mineralocorticoids
- NT4 aldosterone
- NT2 estrogens
- NT3 estradiol
- NT4 fluoroestradiol

NT3 estriol
NT3 estrone
NT2 progesterone
RT abscisic acid
RT biochemistry
RT endocrine diseases
RT endocrine glands
RT homeostasis
RT intrinsic factor
RT physiology
RT prostaglandins
RT receptors
RT somatostatin
RT steroids
RT stimulation

HORNBLLENDE

*BT1 amphibole
RT granites
RT peridotites

hornfels

INIS: 2000-04-12; ETDE: 1980-08-12
 (Prior to January 1995, this was a valid ETDE descriptor.)
 USE metamorphic rocks

HORSES

*BT1 mammals

HORTICULTURE

INIS: 1992-02-18; ETDE: 1980-10-27
The science of growing fruits, vegetables, flowers and ornamental plants.
 BT1 agriculture
RT gardening
RT greenhouses
RT harvesting

HOSE INSTABILITY

UF firehose instability
UF gardenhose instability
 *BT1 plasma microinstabilities

HOSES

INIS: 2000-04-12; ETDE: 1976-01-07
 BT1 tubes

HOSKINS 875

2000-04-12
 *BT1 aluminium alloys
 *BT1 chromium alloys
 *BT1 iron base alloys

HOSPITALS

BT1 buildings
 BT1 medical establishments
RT health services
RT medicine
RT public buildings

HOST

RT fungal diseases
RT graft-host reaction
RT parasitic diseases
RT rickettsial diseases
RT transplants
RT viral diseases

HOST-CELL REACTIVATION

*BT1 biological repair
RT bacteria
RT bacteriophages
RT chemical radiation effects
RT dna
RT radiation injuries

HOT ATOM CHEMISTRY

Chemical reactions of atoms or ions of high kinetic energies (more than 1 ev) resulting from nuclear transformations.
UF chemical effects of nuclear transformations

UF recoil chemistry
 *BT1 radiochemistry
NT1 szilard-chalmers reaction
RT nuclear reactions
RT recoils
RT retention
RT scavenging
RT valence

HOT CELLS

Shielded chambers for remote handling of radioactive materials.

*BT1 laboratory equipment
RT gloveboxes
RT hot labs
RT manipulators
RT periscopes
RT radiation protection
RT remote handling
RT remote handling equipment
RT remote viewing equipment
RT shielding

HOT CHANNEL

RT fuel channels
RT hot channel factor
RT reactor cooling systems

HOT CHANNEL FACTOR

BT1 dimensionless numbers
RT hot channel
RT reactor safety

HOT DIPPING

*BT1 dip coating

HOT-DRY-ROCK SYSTEMS

1992-09-01
UF impermeable dry rock
 BT1 energy systems
 BT1 geothermal systems
RT hydraulic fractures

hot enriched carbon moderated thermal oscillator reactor

1993-11-08
 USE hector reactor

hot experimental facility

INIS: 1990-12-06; ETDE: 1980-10-27
 (Prior to December 1990, this was a valid descriptor.)
 USE hef

hot experimental reactor zero energy

1993-11-08
 USE hero reactor

HOT GAS CLEANUP

INIS: 1993-01-27; ETDE: 1978-04-27
 BT1 purification
RT acoustic agglomerators
RT coal gasification
RT combined-cycle power plants
RT desulfurization
RT electrostatic precipitators
RT filters
RT filtration
RT fuel gas

hot isostatic pressing

2003-06-26
 USE hot pressing

HOT LABS

UF radiochemical laboratories
 BT1 laboratories
 BT1 nuclear facilities
RT hot cells
RT laboratory equipment
RT manipulators
RT periscopes

RT radiation hazards
RT radiation protection
RT radioactivity
RT remote handling

HOT NUCLEI

1994-04-12
Nuclei with temperatures exceeding 4 MeV.
 BT1 nuclei

HOT PLASMA

BT1 plasma

HOT PRESSING

UF hot isostatic pressing
 *BT1 pressing
RT hot working

HOT SPOT FACTOR

BT1 dimensionless numbers
RT hot spots
RT reactor safety

HOT SPOTS

RT burnout
RT dryout
RT fuel cans
RT heat transfer
RT hot spot factor
RT reactor cooling systems
RT rewetting
RT volcanoes

hot spots (biological)

USE biological hot spots

HOT SPRINGS

2000-03-31
Springs whose temperature is above that of the human body.
SF geothermal springs
SF thermal waters
 *BT1 thermal springs
NT1 geysers
RT hydrothermal systems
RT mineral springs

HOT WATER

INIS: 2000-07-24; ETDE: 1978-10-23
 *BT1 water
RT district heating
RT water heating

hot water heaters

INIS: 2000-04-12; ETDE: 1981-01-27
 USE water heaters

HOT-WATER PROCESSES

2000-04-12
Processes used primarily in processing of oil (tar) sands to separate tar from sand.
 BT1 fluid injection processes
RT oil sands
RT oil shales

hot-water systems

2000-04-12
 (Prior to August 1992 this was a valid ETDE descriptor.)
 USE geothermal hot-water systems

HOT WIRE ANEMOMETERS

*BT1 anemometers

HOT-WIRE GAGES

*BT1 pressure gages
NT1 pirani gages

HOT WORKING

*BT1 materials working
RT extrusion
RT forging
RT hot pressing

RT rolling

HOTELS

INIS: 2000-04-12; ETDE: 1979-12-17

UF inns

UF motels

UF motor inns

*BT1 commercial buildings

RT residential buildings

RT tourism

hough-powell devices

USE flying spot digitizers

HOURLY VARIATIONS

INIS: 1981-07-08; ETDE: 1980-03-04

Variations from hour to hour.

BT1 variations

HOURS LIVING RADIOISOTOPES

*BT1 radioisotopes

NT1 actinium 224

NT1 actinium 228

NT1 actinium 229

NT1 americium 237

NT1 americium 238

NT1 americium 239

NT1 americium 242

NT1 americium 244

NT1 americium 245

NT1 antimony 116

NT1 antimony 117

NT1 antimony 118

NT1 antimony 128

NT1 antimony 129

NT1 argon 41

NT1 arsenic 78

NT1 astatine 207

NT1 astatine 208

NT1 astatine 209

NT1 astatine 210

NT1 astatine 211

NT1 barium 126

NT1 barium 129

NT1 barium 139

NT1 berkelium 243

NT1 berkelium 244

NT1 berkelium 248

NT1 berkelium 250

NT1 bismuth 201

NT1 bismuth 202

NT1 bismuth 203

NT1 bismuth 204

NT1 bismuth 212

NT1 bohrium 273

NT1 bohrium 274

NT1 bromine 75

NT1 bromine 76

NT1 bromine 80

NT1 bromine 83

NT1 cadmium 107

NT1 cadmium 117

NT1 californium 247

NT1 californium 255

NT1 cerium 132

NT1 cerium 133

NT1 cerium 135

NT1 cerium 137

NT1 cesium 127

NT1 cesium 134

NT1 chromium 48

NT1 cobalt 55

NT1 cobalt 58

NT1 cobalt 61

NT1 copper 61

NT1 copper 64

NT1 curium 238

NT1 curium 239

NT1 curium 249

NT1 dubnium 267

NT1 dubnium 269

NT1 dysprosium 152

NT1 dysprosium 153

NT1 dysprosium 155

NT1 dysprosium 157

NT1 dysprosium 165

NT1 einsteinium 249

NT1 einsteinium 250

NT1 einsteinium 256

NT1 erbium 158

NT1 erbium 161

NT1 erbium 163

NT1 erbium 165

NT1 erbium 171

NT1 europium 150

NT1 europium 152

NT1 europium 157

NT1 fermium 251

NT1 fermium 254

NT1 fermium 255

NT1 fermium 256

NT1 fluorine 18

NT1 gadolinium 159

NT1 gallium 66

NT1 gallium 68

NT1 gallium 72

NT1 gallium 73

NT1 germanium 66

NT1 germanium 75

NT1 germanium 77

NT1 germanium 78

NT1 gold 191

NT1 gold 192

NT1 gold 193

NT1 gold 196

NT1 gold 200

NT1 hafnium 170

NT1 hafnium 171

NT1 hafnium 173

NT1 hafnium 180

NT1 hafnium 182

NT1 hafnium 183

NT1 hafnium 184

NT1 hassium 276

NT1 holmium 160

NT1 holmium 161

NT1 holmium 162

NT1 holmium 167

NT1 indium 109

NT1 indium 110

NT1 indium 113

NT1 indium 115

NT1 indium 117

NT1 iodine 120

NT1 iodine 121

NT1 iodine 123

NT1 iodine 130

NT1 iodine 132

NT1 iodine 133

NT1 iodine 135

NT1 iridium 184

NT1 iridium 185

NT1 iridium 186

NT1 iridium 187

NT1 iridium 190

NT1 iridium 194

NT1 iridium 195

NT1 iridium 196

NT1 iron 52

NT1 krypton 76

NT1 krypton 77

NT1 krypton 83

NT1 krypton 85

NT1 krypton 87

NT1 krypton 88

NT1 lanthanum 132

NT1 lanthanum 133

NT1 lanthanum 135

NT1 lanthanum 141

NT1 lanthanum 142

NT1 lead 198

NT1 lead 199

NT1 lead 200

NT1 lead 201

NT1 lead 202

NT1 lead 204

NT1 lead 209

NT1 lead 212

NT1 lutetium 176

NT1 lutetium 179

NT1 magnesium 28

NT1 manganese 56

NT1 mendeleevium 256

NT1 mendeleevium 257

NT1 mendeleevium 259

NT1 mercury 192

NT1 mercury 193

NT1 mercury 195

NT1 mercury 197

NT1 molybdenum 90

NT1 molybdenum 93

NT1 neodymium 138

NT1 neodymium 139

NT1 neodymium 141

NT1 neodymium 149

NT1 neptunium 236

NT1 neptunium 240

NT1 nickel 65

NT1 niobium 89

NT1 niobium 90

NT1 niobium 96

NT1 niobium 97

NT1 osmium 181

NT1 osmium 182

NT1 osmium 183

NT1 osmium 189

NT1 osmium 191

NT1 palladium 101

NT1 palladium 109

NT1 palladium 111

NT1 palladium 112

NT1 platinum 185

NT1 platinum 186

NT1 platinum 187

NT1 platinum 189

NT1 platinum 197

NT1 platinum 200

NT1 plutonium 234

NT1 plutonium 243

NT1 plutonium 245

NT1 polonium 204

NT1 polonium 205

NT1 polonium 207

NT1 potassium 42

NT1 potassium 43

NT1 praseodymium 137

NT1 praseodymium 138

NT1 praseodymium 139

NT1 praseodymium 142

NT1 praseodymium 145

NT1 promethium 150

NT1 protactinium 228

NT1 protactinium 234

NT1 radium 230

NT1 radon 210

NT1 radon 211

NT1 radon 224

NT1 rhenium 181

NT1 rhenium 182

NT1 rhenium 188

NT1 rhenium 190

NT1 rhodium 100

NT1 rhodium 106

NT1 rhodium 99

NT1 rubidium 81

NT1 rubidium 82

NT1 ruthenium 105

NT1 ruthenium 95

NT1 samarium 142
NT1 samarium 156
NT1 scandium 43
NT1 scandium 44
NT1 selenium 73
NT1 silicon 31
NT1 silver 103
NT1 silver 104
NT1 silver 112
NT1 silver 113
NT1 sodium 24
NT1 strontium 80
NT1 strontium 85
NT1 strontium 87
NT1 strontium 91
NT1 strontium 92
NT1 sulfur 38
NT1 tantalum 173
NT1 tantalum 174
NT1 tantalum 175
NT1 tantalum 176
NT1 tantalum 178
NT1 tantalum 180
NT1 tantalum 184
NT1 technetium 93
NT1 technetium 94
NT1 technetium 95
NT1 technetium 99
NT1 tellurium 116
NT1 tellurium 117
NT1 tellurium 119
NT1 tellurium 127
NT1 tellurium 129
NT1 terbium 147
NT1 terbium 148
NT1 terbium 149
NT1 terbium 150
NT1 terbium 151
NT1 terbium 152
NT1 terbium 154
NT1 terbium 156
NT1 thallium 195
NT1 thallium 196
NT1 thallium 197
NT1 thallium 198
NT1 thallium 199
NT1 thulium 163
NT1 thulium 166
NT1 thulium 173
NT1 tin 110
NT1 tin 127
NT1 titanium 45
NT1 tungsten 176
NT1 tungsten 177
NT1 uranium 240
NT1 xenon 122
NT1 xenon 123
NT1 xenon 125
NT1 xenon 135
NT1 ytterbium 164
NT1 ytterbium 177
NT1 ytterbium 178
NT1 yttrium 85
NT1 yttrium 86
NT1 yttrium 87
NT1 yttrium 90
NT1 yttrium 92
NT1 yttrium 93
NT1 zinc 62
NT1 zinc 69
NT1 zinc 71
NT1 zirconium 86
NT1 zirconium 87
NT1 zirconium 97
RT half-life
RT lifetime

HOUSEHOLDS

INIS: 1992-10-23; ETDE: 1979-12-10
Social unit comprised of those living together in the same house, apartment or other dwelling.

RT apartment buildings
RT houses
RT mobile homes
RT residential buildings
RT residential sector
RT sectoral analysis

HOUSES

1985-07-22
UF residences
***BT1** residential buildings
RT households
RT mobile homes

hovercraft

INIS: 2000-04-12; ETDE: 1977-08-09
USE air cushion vehicles

HP COMPUTERS

UF hewlett-packard computers
BT1 computers

hpci

1979-01-18
USE high pressure coolant injection

hpd devices

USE flying spot digitizers

hpde

INIS: 2000-04-12; ETDE: 1980-02-11
USE mhd generator aedc

HPL

UF human placental lactogen
BT1 lactogens
RT placenta
RT pregnancy
RT sth

hplc

2004-07-16
USE high-performance liquid chromatography

HPRR REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut down in 1991.
UF health physics research reactor
***BT1** air cooled reactors
***BT1** enriched uranium reactors
***BT1** fast reactors
***BT1** pulsed reactors
***BT1** research reactors

HRE-2 REACTOR

2000-04-12
ORNL, Oak Ridge, Tennessee, USA.
UF homogeneous reactor experiment 2
***BT1** aqueous homogeneous reactors
***BT1** enriched uranium reactors
***BT1** experimental reactors
***BT1** heavy water moderated reactors
***BT1** power reactors
***BT1** research reactors
***BT1** test reactors

HRON RIVER

2004-12-15
***BT1** rivers
RT slovakia

hsa

INIS: 1984-04-04; ETDE: 2002-06-13
Human serum albumin.
USE albumins
USE blood serum

HSK PROCEDURE

UF hylleraas-scherr-knight procedure
BT1 perturbation theory
***BT1** variational methods
RT electronic structure
RT quantum mechanics

HSX STELLARATOR

INIS: 1999-01-26; ETDE: 2000-01-25
Helical Symmetry Experiment, University of Wisconsin, USA.
***BT1** heliac stellarators

HT-2 TOKAMAK

INIS: 1999-07-26; ETDE: 1999-09-03
Hitachi Tokamak, Ibaraki, Japan.
***BT1** tokamak devices

HT-6B TOKAMAK

INIS: 1989-12-08; ETDE: 1990-01-03
Academia Sinica, Hefei, Anhui, China.
***BT1** tokamak devices

HT-6M TOKAMAK

INIS: 1989-12-08; ETDE: 1990-01-03
Academia Sinica, Hefei, Anhui, China.
***BT1** tokamak devices

HT-7 TOKAMAK

INIS: 1998-01-28; ETDE: 1998-02-24
Academia Sinica, Hefei, Anhui, China.
***BT1** tokamak devices

HT-7U TOKAMAK

2003-05-20
Academia Sinica, Hefei, Anhui, China.
UF east tokamak
UF experimental advanced superconducting tokamak
***BT1** tokamak devices

htgr peach bottom reactor

USE peach bottom-1 reactor

HTGR TYPE REACTORS

1998-01-29
UF high temperature gas cooled and graphite moderated reactors
***BT1** gas cooled reactors
***BT1** graphite moderated reactors
NT1 avr reactor
NT1 dragon reactor
NT1 fulton-1 reactor
NT1 fulton-2 reactor
NT1 ga standard reactor
NT1 htr-10 reactor
NT1 htr reactor
NT1 kahter reactor
NT1 peach bottom-1 reactor
NT1 schmehausen-2 reactor
NT1 summit-1 reactor
NT1 summit-2 reactor
NT1 thtr-300 reactor
NT1 vg-400 reactor
NT1 vgr-50 reactor
NT1 vhttr reactor
NT1 vidal-1 reactor
NT1 vidal-2 reactor
NT1 vrain reactor
RT helium cooled reactors
RT power reactors

HTLTR REACTOR

Pacific Northwest Laboratory, Battelle Memorial Institute, Richland, Washington, USA. Shut down in 1971.
UF high temperature lattice test reactor
***BT1** enriched uranium reactors
***BT1** graphite moderated reactors
***BT1** nitrogen cooled reactors
***BT1** research reactors
***BT1** test reactors

htlv iii virus

INIS: 1986-05-23; ETDE: 2002-06-13
USE aids virus

hto

1996-06-19
USE tritium oxides

HTR-10 REACTOR

INIS: 1998-01-29; ETDE: 1998-02-24
Tsinghua Univ., Beijing, China.
*BT1 enriched uranium reactors
*BT1 experimental reactors
*BT1 helium cooled reactors
*BT1 htgr type reactors
*BT1 test reactors

HTR REACTOR

Tokyo Atomic Industrial Research Lab., Ltd,
Kanagawa Prefecture, Japan.
Decommissioned in 2005. Shutdown since
1975.
UF hitachi training reactor
UF japan htr
UF kawasaki-hitachi training reactor
*BT1 enriched uranium reactors
*BT1 isotope production reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 training reactors

HTTR REACTOR

1988-10-10
Oarai Research Establishment of JAERI,
Oarai, Ibaraki, Japan.
UF high temperature test reactor
*BT1 enriched uranium reactors
*BT1 experimental reactors
*BT1 helium cooled reactors
*BT1 htgr type reactors

HTW PROCESS

INIS: 2000-04-12; ETDE: 1982-10-05
Rheinische Braunkohlenwerke/FRG coal
gasification process which utilizes a fluidized
bed reactor with an after-reactor chamber and
operates at a pressure of approx. 10 bar and a
temperature of approx. 1100 C to produce a
high quality synthesis gas.
UF high-temperature winkler process
*BT1 coal gasification
RT synthesis gas

HUBBARD MODEL

INIS: 1992-04-24; ETDE: 1992-07-09
*BT1 crystal models
RT antiferromagnetism
RT band theory
RT electronic structure
RT ferromagnetism
RT high-tc superconductors
RT superconductivity

HUBBLE EFFECT

UF hubble-humason shift
RT cosmology
RT expansion
RT red shift
RT universe

hubble-humason shift

USE hubble effect

HUDSON RIVER

*BT1 rivers
RT new jersey
RT new york

huff and puff process

INIS: 2000-04-12; ETDE: 1976-06-07
USE fluid injection processes

hugenholtz-pines theory

USE van hove-hugenholtz theory

HULTHEN POTENTIAL

1976-07-06
*BT1 nuclear potential

human cells

USE animal cells

human chorionic gonadotropin

USE hcg

HUMAN CHROMOSOME 1

INIS: 1994-01-04; ETDE: 1993-12-28
*BT1 human chromosomes

HUMAN CHROMOSOME 12

1993-02-17
*BT1 human chromosomes

HUMAN CHROMOSOME 13

INIS: 1994-01-04; ETDE: 1993-12-28
*BT1 human chromosomes

HUMAN CHROMOSOME 14

1993-02-17
*BT1 human chromosomes

HUMAN CHROMOSOME 15

INIS: 1994-01-04; ETDE: 1993-12-28
*BT1 human chromosomes

HUMAN CHROMOSOME 16

INIS: 1992-01-14; ETDE: 1987-10-22
*BT1 human chromosomes

HUMAN CHROMOSOME 17

INIS: 1991-12-11; ETDE: 1989-01-27
*BT1 human chromosomes

HUMAN CHROMOSOME 18

INIS: 1991-12-11; ETDE: 1992-01-24
*BT1 human chromosomes

HUMAN CHROMOSOME 19

INIS: 1991-12-11; ETDE: 1987-07-31
*BT1 human chromosomes

HUMAN CHROMOSOME 2

1992-10-28
*BT1 human chromosomes

HUMAN CHROMOSOME 21

INIS: 1991-12-11; ETDE: 1987-07-31
*BT1 human chromosomes

HUMAN CHROMOSOME 22

1992-09-24
*BT1 human chromosomes

HUMAN CHROMOSOME 3

INIS: 2000-04-12; ETDE: 1992-11-30
*BT1 human chromosomes

HUMAN CHROMOSOME 5

INIS: 1991-12-11; ETDE: 1988-04-15
*BT1 human chromosomes

HUMAN CHROMOSOME 6

INIS: 2000-04-12; ETDE: 1993-12-28
*BT1 human chromosomes

HUMAN CHROMOSOME 7

INIS: 1994-01-04; ETDE: 1993-12-28
*BT1 human chromosomes

HUMAN CHROMOSOME 8

1993-02-17
*BT1 human chromosomes

HUMAN CHROMOSOME 9

INIS: 2000-04-12; ETDE: 1993-12-28
*BT1 human chromosomes

HUMAN CHROMOSOMES

INIS: 1997-06-17; ETDE: 1991-12-05
(Prior to October 1991, this was indexed by
CHROMOSOMES.)

BT1 chromosomes
NT1 human chromosome 1
NT1 human chromosome 12
NT1 human chromosome 13
NT1 human chromosome 14
NT1 human chromosome 15
NT1 human chromosome 16
NT1 human chromosome 17
NT1 human chromosome 18
NT1 human chromosome 19
NT1 human chromosome 2
NT1 human chromosome 21
NT1 human chromosome 22
NT1 human chromosome 3
NT1 human chromosome 5
NT1 human chromosome 6
NT1 human chromosome 7
NT1 human chromosome 8
NT1 human chromosome 9
NT1 human x chromosome
NT1 human y chromosome
NT1 philadelphia chromosome
RT banding techniques
RT cell nuclei
RT chromatids
RT chromatin
RT chromosomal aberrations
RT chromosome sorting
RT dna
RT dna repair
RT gene regulation
RT genes
RT genetic effects
RT genetic mapping
RT karyotype
RT mitosis
RT nucleoli
RT rflps

HUMAN FACTORS

1982-02-09
Aspects of human behavior which influence
events or situations, e.g. actions of operators
at nuclear power plants.

SF psychology
RT accidents
RT aesthetics
RT attitudes
RT behavior
RT drug abuse
RT failures
RT man-machine systems
RT mto model
RT personnel
RT safety
RT safety culture
RT safety engineering
RT sociology

HUMAN FACTORS ENGINEERING

INIS: 1995-01-23; ETDE: 1982-06-07
Application of information on physical and
psychological characteristics of man to the
design of devices and systems for human use.
UF ergonomics
BT1 engineering
RT accidents
RT equipment
RT hazards
RT man-machine systems
RT personnel
RT safety
RT working conditions

human immune deficiency virus

2004-05-28

USE aids virus

HUMAN INTRUSION

INIS: 1985-07-23; ETDE: 1990-09-13

Unauthorized entering of people into restricted areas, facilities, etc. See also BIOINTRUSION.

UF infiltration (by people)

UF intrusion (human)

SF intrusion

RT entry control systems

RT fences

RT interest groups

RT nuclear facilities

RT physical protection

RT sabotage

RT security

human placental lactogen

USE hpl

HUMAN POPULATIONS

(From August 1980 till April 1997 DEMOGRAPHY was a valid ETDE descriptor.)

UF demography

UF humans

UF people

BT1 populations

NT1 a-bomb survivors

NT1 indigenous peoples

NT2 american indians

NT2 eskimos

NT2 sami people

NT1 minority groups

NT2 american indians

NT2 black americans

NT2 elderly people

NT2 handicapped people

NT2 high income groups

NT2 hispanic americans

NT2 low income groups

NT2 oriental americans

NT2 sami people

NT1 rural populations

NT1 urban populations

RT anthropology

RT boom towns

RT civil defense

RT communities

RT cuex

RT epidemiology

RT health services

RT icrp critical group

RT interest groups

RT man

RT occupants

RT patients

RT personnel

RT population dynamics

RT population relocation

RT public health

RT regional analysis

RT residential sector

RT sociology

human serum albumin

INIS: 1984-04-04; ETDE: 2002-06-13

USE albumins

USE blood serum

human tissues

INIS: 1997-01-28; ETDE: 1996-04-02

USE animal tissues

HUMAN X CHROMOSOME

INIS: 1992-01-08; ETDE: 1988-04-15

*BT1 human chromosomes

*BT1 x chromosome

HUMAN Y CHROMOSOME

INIS: 1992-01-08; ETDE: 1988-04-15

*BT1 human chromosomes

*BT1 y chromosome

humans

INIS: 2000-04-12; ETDE: 1981-06-16

USE human populations

humboldt bay

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE california

USE pacific ocean

HUMBOLDT BAY REACTOR

Pacific Gas and Electric Co., Eureka, California, USA. Shut down in 1976; decommissioned in 1988.

*BT1 bwr type reactors

HUMBOLDT GASIFICATION**PROCESS**

INIS: 2000-04-12; ETDE: 1983-04-28

This process is based on the dissolution of carbon in molten iron. During the process the coal is completely converted leaving no by-products such as tar or other heavy hydrocarbons. The gas produced is practically sulfur free.

*BT1 coal gasification

humeca uranium mill

INIS: 1996-07-18; ETDE: 1976-08-04

(Until July 1996 this was a valid descriptor.)

USE nuclear facilities

HUMIC ACIDS

*BT1 organic acids

RT fulvic acids

RT humus

RT soils

HUMIDIFIERS

INIS: 2000-04-12; ETDE: 1977-06-21

RT dehumidifiers

RT electric appliances

RT humidity control

HUMIDISTATS

*BT1 control equipment

RT humidity control

HUMIDITY

SF water content

BT1 moisture

RT dew point

RT humidity recovery

RT hygrometry

RT moisture gages

RT water vapor

HUMIDITY CONTROL

BT1 control

RT air conditioning

RT humidifiers

RT humidistats

RT humidity recovery

RT thermal comfort

HUMIDITY RECOVERY

2004-09-14

RT air conditioners

RT heat recovery

RT humidity

RT humidity control

HUMUS

Material resulting from partial decomposition of plant or animal matter and forming the organic portion of soil.

RT forest litter

RT fulvic acids

RT humic acids

RT soils

HUNGARIAN ORGANIZATIONS

1986-04-03

BT1 national organizations

NT1 atomki

hungarian paks-1 reactor

USE paks-1 reactor

hungarian paks-2 reactor

USE paks-2 reactor

hungarian paks-3 reactor

INIS: 1980-07-24; ETDE: 1980-08-12

USE paks-3 reactor

hungarian paks-4 reactor

INIS: 1980-07-24; ETDE: 1980-08-12

USE paks-4 reactor

hungarian wwr-c reactor

USE wwr-s-budapest reactor

HUNGARY

BT1 developing countries

*BT1 eastern europe

RT danube river

RT oecd

HUNTERSTON-A REACTOR

Hunterston, Ayrshire, United Kingdom. Permanently shut down since 1990.

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 thermal reactors

HUNTERSTON-B REACTOR

Hunterston, Ayrshire, United Kingdom.

*BT1 agr type reactors

*BT1 carbon dioxide cooled reactors

*BT1 power reactors

*BT1 thermal reactors

HURRICANES

BT1 storms

RT cyclones

RT monsoons

RT turbulence

RT water waves

RT weather

RT wind

HURWITZ EFFECT

UF bethe-hurwitz effect

RT nuclear models

hushed echo event

INIS: 2000-04-12; ETDE: 1975-12-16

USE bedrock project

husky ace event

INIS: 2000-04-12; ETDE: 1975-09-11

A test made during PROJECT ARBOR.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE nuclear explosions

USE underground explosions

husky pup event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

hutch event

1994-10-14

A test made during OPERATION MANDREL.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions

USE underground explosions

hutchinson island-1 reactor

USE lucie-1 reactor

hutchinson island-2 reactor

USE lucie-2 reactor

huttonite

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE silicate minerals

USE thorium minerals

HUYGENS PRINCIPLE

RT wave propagation

HVAC SYSTEMS

INIS: 1996-01-31; ETDE: 1976-05-17

69 kV to 230 kV. For heating, ventilating, and air conditioning systems, see SPACE HVAC SYSTEMS.

UF high voltage alternating current systems

*BT1 ac systems

HVDC SYSTEMS

1996-01-31

69 kV to 230 kV.

UF high voltage direct current systems

*BT1 dc systems

HWCTR REACTOR

Savannah River Plant, Aiken, South Carolina, USA. Shut down in 1964.

UF heavy water components test reactor

*BT1 enriched uranium reactors

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 materials testing reactors

*BT1 tank type reactors

*BT1 thermal reactors

HWGCR TYPE REACTORS

UF heavy water moderated and gas cooled reactors

*BT1 gas cooled reactors

*BT1 heavy water moderated reactors

NT1 bohunice a-1 reactor

NT1 bohunice a-2 reactor

NT1 el-4 reactor

NT1 lucens reactor

NT1 niederachbach reactor

RT power reactors

HWLWR TYPE REACTORS

UF heavy water moderated and water cooled reactors

*BT1 heavy water moderated reactors

*BT1 water cooled reactors

NT1 cirene reactor

NT1 gentilly-1 reactor

NT1 jatr reactor

RT power reactors

hwrr-2 reactor

2018-06-04

USE hwrr reactor

HWRR REACTOR

2003-02-03

CIAE, Beijing, China. Permanent shutdown since 2007.

UF heavy water research reactor

UF hwrr-2 reactor

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 materials testing reactors

*BT1 research reactors

HWZPR REACTOR

2003-08-14

Esfahan nuclear technology centre, Iran.

UF heavy water zero power reactor

*BT1 heavy water moderated reactors

*BT1 natural uranium reactors

*BT1 thermal reactors

*BT1 zero power reactors

HYALURONIC ACID

*BT1 mucopolysaccharides

RT glucuronic acid

RT hyaluronidase

HYALURONIDASE

Code numbers 3.2.1.35 and 3.2.1.36.

*BT1 carbon-oxygen lyases

*BT1 o-glycosyl hydrolases

RT hyaluronic acid

HYBRID COMPUTERS

BT1 computers

HYBRID ELECTRIC-POWERED VEHICLES

1992-04-14

*BT1 electric-powered vehicles

RT electric batteries

RT hybrid systems

HYBRID REACTORS

Devices in which controlled self-sustaining fission-fusion processes take place.

RT fusion neutron source facilities

RT hybrid systems

RT lotus facility

RT reactors

RT thermonuclear reactors

HYBRID RESONANCE

BT1 resonance

HYBRID SYSTEMS

1992-04-14

Systems using two different types of components performing essentially the same function.

RT hybrid electric-powered vehicles

RT hybrid reactors

RT power transmission

RT thermonuclear reactors

HYBRIDIZATION

UF heterozygotes

UF homozygotes

UF hybrids

UF mixing (genetic)

NT1 dna hybridization

NT2 dna-cloning

RT electronic structure

RT genetic engineering

RT genetics

RT wave functions

HYBRIDOMAS

INIS: 1986-05-23; ETDE: 1984-01-27

Hybrid cells resulting from the fusion of myeloma cells with lymphocytes; often used in the production of monoclonal antibodies.

UF fused cells (animal)

BT1 animal cells

RT biotechnology

RT cell cultures

RT dna hybridization

RT lymphocytes

RT monoclonal antibodies

hybrids

USE hybridization

HYBTOK TOKAMAKS

INIS: 1991-08-12; ETDE: 1991-09-13

*BT1 tokamak devices

hycsos

INIS: 2000-04-12; ETDE: 1979-09-26

Chemical heat pump based on metal hydrides.

Hydride Conversion and Storage System.

USE chemical heat pumps

HYDANTOINS

INIS: 2000-04-12; ETDE: 1985-05-07

*BT1 imidazoles

RT urea

HYDATIDOSIS

*BT1 parasitic diseases

RT cestodes

RT parasites

HYDRA

*BT1 cnidaria

hydra reactor

2004-09-09

Russian Research Center, Kurchatov Institute, Moscow, Russia.

USE gidra reactor

HYDRANE PROCESS

2000-04-12

Production of pipeline gas from coal by direct conversion with H to give CH₄. 1000 psi H flows upward through free-falling pulverized coal at 725 degrees. Carbon, hydrogen sulfide, and dust are removed from product.

*BT1 coal gasification

BT1 sng processes

hydration

USE hydration

hydrated electrons

USE hydration

USE solvated electrons

HYDRATES

For chemical compounds or minerals.

NT1 gas hydrates

NT1 unh

RT water

HYDRATION

Addition of water; for addition of hydrogen use HYDROGENATION.

UF hydration

UF hydrated electrons

BT1 solvation

HYDRAULIC ACCUMULATORS

INIS: 2000-04-12; ETDE: 1979-08-07

Devices that store potential energy by accumulating a quantity of pressurized hydraulic fluid in a pressure vessel.

BT1 mechanical energy storage equipment

*BT1 tanks

RT energy storage

RT hydraulic equipment

RT hydraulics

HYDRAULIC CONDUCTIVITY

INIS: 1983-06-30; ETDE: 1982-03-10

Rate of water flow through porous rock, soil, etc.

UF meinzer unit

UF permeability coefficient (fluid mechanics)

RT fluid mechanics

RT ground water

RT hydrology
RT liquid flow
RT underground disposal

HYDRAULIC CONTROL DEVICES

*BT1 control equipment
*BT1 hydraulic equipment
RT hydraulics
RT remote control

HYDRAULIC EQUIPMENT

INIS: 1986-07-09; ETDE: 1977-01-28

BT1 equipment
NT1 hydraulic control devices
RT hydraulic accumulators
RT hydraulic fluids
RT hydraulics
RT natural gas wells
RT petroleum
RT well completion
RT well drilling

HYDRAULIC FLUIDS

INIS: 1992-03-05; ETDE: 1981-11-24

*BT1 working fluids
RT hydraulic equipment

HYDRAULIC FRACTURES

INIS: 1992-05-12; ETDE: 1980-07-09

*BT1 fractures
RT cracks
RT fracturing fluids
RT hot-dry-rock systems
RT hydraulic fracturing

HYDRAULIC FRACTURING

1975-12-09

Fracturing of deep rock strata by hydraulic pressure, frequently for the deposition of radioactive wastes.

BT1 fracturing
RT fluid injection
RT fractures
RT fracturing fluids
RT hydraulic fractures
RT waste disposal
RT well stimulation

hydraulic fracturing fluids

INIS: 2000-04-12; ETDE: 1982-10-05

USE fracturing fluids

HYDRAULIC MINING

INIS: 2000-04-12; ETDE: 1977-05-07

BT1 mining
RT auger mining
RT longwall mining
RT mining engineering

hydraulic rams

INIS: 2000-04-12; ETDE: 1977-01-10

USE pumps

HYDRAULIC TRANSPORT

INIS: 1984-02-22; ETDE: 1976-08-24

BT1 transport
RT hydraulics
RT materials handling
RT pipelines
RT slurries
RT slurry pipelines

HYDRAULIC TURBINES

INIS: 1992-02-19; ETDE: 1976-11-17

Machines which convert the energy of an elevated water supply into mechanical energy of a rotating shaft.

*BT1 turbines
NT1 pump turbines
RT hydraulics
RT penstocks
RT turbogenerators

RT water wheels

HYDRAULICS

*BT1 fluid mechanics
NT1 thermal hydraulics
RT flow rate
RT fluid flow
RT friction factor
RT hydraulic accumulators
RT hydraulic control devices
RT hydraulic equipment
RT hydraulic transport
RT hydraulic turbines
RT hydrodynamics
RT penstocks
RT pneumatics
RT solids flow
RT surges
RT water hammer

HYDRAZIDES

*BT1 organic nitrogen compounds
NT1 isoniazid
RT hydrazine
RT organic acids

HYDRAZINE

1996-07-08

BT1 nitrogen compounds
RT dpph
RT hydrazides
RT hydrazones

HYDRAZINE FUEL CELLS

2000-04-12

*BT1 fuel cells

HYDRAZOIC ACID

INIS: 1988-06-22; ETDE: 1977-04-12

UF azomide
*BT1 inorganic acids
RT azides

HYDRAZONES

*BT1 organic nitrogen compounds
RT aldehydes
RT hydrazine
RT ketones

HYDRIDATION

BT1 chemical reactions
RT dehydridation
RT hydrides
RT hydrogen
RT hydrogen embrittlement

HYDRIDE MODERATED REACTORS

BT1 reactors
NT1 acpr reactor
NT1 anex reactor
NT1 nsrr reactor
NT1 stir reactor
NT1 szr type reactors
NT2 knk-2 reactor
NT2 knk reactor
NT1 topaz reactor
NT1 triga type reactors
NT2 afrr reactor
NT2 atrp reactor
NT2 colorado triga-mk-3 reactor
NT2 comell triga-mk-2 reactor
NT2 dow triga-mk-1 reactor
NT2 fir-1 reactor
NT2 frf-2 reactor
NT2 frn reactor
NT2 gulf triga-mk-3 reactor
NT2 itu-trr reactor
NT2 kartini-ppny reactor
NT2 lopra reactor
NT2 ma-r1 reactor
NT2 nscr reactor
NT2 ostr reactor

NT2 prpr reactor
NT2 psbr reactor
NT2 rtp reactor
NT2 trico ii reactor
NT2 trico reactor
NT2 triga-1-arizona reactor
NT2 triga-1-california reactor
NT2 triga-1-hanford reactor
NT2 triga-1-hanover reactor
NT2 triga-1-heidelberg reactor
NT2 triga-1-michigan reactor
NT2 triga-2-bandung reactor
NT2 triga-2-bangladesh reactor
NT2 triga-2-dalat reactor
NT2 triga-2-illinois reactor
NT2 triga-2-kansas reactor
NT2 triga-2-ljubljana reactor
NT2 triga-2-mainz reactor
NT2 triga-2-musashi reactor
NT2 triga-2-pavia reactor
NT2 triga-2-pitesti reactor
NT2 triga-2-pitesti-ss-core reactor
NT2 triga-2 reactor
NT2 triga-2-rikkyo reactor
NT2 triga-2-rome reactor
NT2 triga-2-seoul reactor
NT2 triga-2-vienna reactor
NT2 triga-3-la jolla reactor
NT2 triga-3-munich reactor
NT2 triga-3-salazar reactor
NT2 triga-3-seoul reactor
NT2 triga-brazil reactor
NT2 triga-texas reactor
NT2 triga-veterans reactor
NT2 ucbr reactor
NT2 uwnr reactor
NT2 wsur reactor
NT1 xma-1 reactor
RT hydride moderators

HYDRIDE MODERATORS

BT1 moderators
RT hydride moderated reactors
RT hydrides
RT szr type reactors
RT topaz reactor
RT zirconium hydrides

HYDRIDES

1997-06-17

BT1 hydrogen compounds
NT1 actinium hydrides
NT1 aluminium hydrides
NT1 americium hydrides
NT1 antimony hydrides
NT1 argon hydrides
NT1 arsenic hydrides
NT1 barium hydrides
NT1 berkelium hydrides
NT1 beryllium hydrides
NT1 bismuth hydrides
NT1 boranes
NT1 boron hydrides
NT1 calcium hydrides
NT1 cerium hydrides
NT1 cesium hydrides
NT1 chromium hydrides
NT1 cobalt hydrides
NT1 copper hydrides
NT1 curium hydrides
NT1 dysprosium hydrides
NT1 erbium hydrides
NT1 europium hydrides
NT1 gadolinium hydrides
NT1 germanium hydrides
NT1 gold hydrides
NT1 hafnium hydrides
NT1 helium hydrides
NT1 holmium hydrides
NT1 indium hydrides

NT1 iridium hydrides
NT1 iron hydrides
NT1 krypton hydrides
NT1 lanthanum hydrides
NT1 lead hydrides
NT1 lithium hydrides
NT2 lithium deuterides
NT2 lithium tritides
NT1 lutetium hydrides
NT1 magnesium hydrides
NT1 manganese hydrides
NT1 mercury hydrides
NT1 molybdenum hydrides
NT1 neodymium hydrides
NT1 neon hydrides
NT1 neptunium hydrides
NT1 nickel hydrides
NT1 niobium hydrides
NT1 nitrogen hydrides
NT2 ammonia
NT1 palladium hydrides
NT1 phosphorus hydrides
NT1 platinum hydrides
NT1 plutonium hydrides
NT1 potassium hydrides
NT1 praseodymium hydrides
NT1 protactinium hydrides
NT1 rhenium hydrides
NT1 rhodium hydrides
NT1 rubidium hydrides
NT1 ruthenium hydrides
NT1 samarium hydrides
NT1 scandium hydrides
NT1 selenium hydrides
NT1 silanes
NT1 silver hydrides
NT1 sodium hydrides
NT1 strontium hydrides
NT1 tantalum hydrides
NT1 technetium hydrides
NT1 tellurium hydrides
NT1 terbium hydrides
NT1 thallium hydrides
NT1 thorium hydrides
NT1 thulium hydrides
NT1 tin hydrides
NT1 titanium hydrides
NT1 tungsten hydrides
NT1 uranium hydrides
NT1 vanadium hydrides
NT1 xenon hydrides
NT1 ytterbium hydrides
NT1 yttrium hydrides
NT1 zinc hydrides
NT1 zirconium hydrides
RT hydridation
RT hydride moderators
RT hydrogen additions
RT hydrogen storage

HYDRIODIC ACID

Prior to August 2012 the concept 'hydrogen iodides' was indexed here

***BT1** inorganic acids
***BT1** iodine compounds
RT hydrogen iodides

HYDRO-LYASES

INIS: 1986-12-03; ETDE: 1981-01-12
Code number 4.2.1.

***BT1** carbon-oxygen lyases
NT1 carbonic anhydrase

HYDROAROMATICS

INIS: 2000-04-12; ETDE: 1991-08-27

UF naphthenes
BT1 organic compounds
NT1 tetralin
RT aromatics
RT redox reactions

HYDROBROMIC ACID

Prior to August 2012 the concept "hydrogen bromides" was indexed here.

***BT1** bromine compounds
***BT1** inorganic acids
RT hydrogen bromides

HYDROCARBON FUEL CELLS

1992-05-20

***BT1** fuel cells

hydrocarbon logging

INIS: 2000-04-12; ETDE: 1979-03-27

USE gas meters
USE well logging

HYDROCARBONS

1996-10-22

BT1 organic compounds
NT1 alkanes
NT2 2-2-dimethylpropane
NT2 2-methylbutane
NT2 2-methylpropane
NT2 butane
NT2 cycloalkanes
NT3 cyclohexane
NT3 decalin
NT2 decane
NT2 dodecane
NT2 ethane
NT2 heptane
NT2 hexadecane
NT2 hexane
NT2 methane
NT2 octane
NT2 paraffin
NT2 pentane
NT2 propane
NT2 squalane
NT1 alkenes
NT2 2-methylpropene
NT2 butenes
NT2 cycloalkenes
NT3 cyclopentadiene
NT3 norbornadiene
NT3 quadricyclene
NT2 ethylene
NT2 heptenes
NT2 hexenes
NT2 octenes
NT2 pentenes
NT2 propylene
NT1 alkynes
NT2 acetylene
NT2 cycloalkynes
NT2 propyne
NT1 aromatics
NT2 acetophenone
NT2 alkylated aromatics
NT3 cumene
NT3 cymene
NT3 durene
NT3 mesitylene
NT3 methylnaphthalenes
NT3 styrene
NT3 toluene
NT3 xylenes
NT4 xylene-para
NT2 aniline
NT2 azaarenes
NT3 acridines
NT4 acridine orange
NT4 flavines
NT5 acriflavine
NT5 proflavine
NT3 carbazoles
NT3 indoles
NT4 indigo
NT4 indocyanine green
NT4 lysergic acid

NT4 reserpine
NT4 strychnine
NT4 tryptamines
NT5 melatonin
NT5 serotonin
NT6 bufotenine
NT4 tryptophan
NT4 vinblastine
NT3 phenanthrolines
NT4 ferroin
NT4 phenanthroline-ortho
NT3 pteridines
NT4 aminopterin
NT4 folic acid
NT3 purines
NT4 adenines
NT5 kinetin
NT4 guanine
NT4 guanosine
NT4 hypoxanthine
NT4 inosine
NT4 mercaptopurine
NT4 xanthines
NT5 caffeine
NT5 theobromine
NT5 theophylline
NT5 uric acid
NT3 quinolines
NT4 ferron
NT4 oxine
NT4 quinaldine
NT2 benzene
NT2 benzidine
NT2 benzyl alcohol
NT2 bibenzyl
NT2 biphenyl
NT2 ddt
NT2 divinylbenzene
NT2 halogenated aromatic hydrocarbons
NT3 brominated aromatic hydrocarbons
NT3 chlorinated aromatic hydrocarbons
NT4 aldrin
NT4 polychlorinated biphenyls
NT3 fluorinated aromatic hydrocarbons
NT3 iodinated aromatic hydrocarbons
NT2 indan
NT2 methyl tyrosine
NT2 oligophenylenes
NT2 pethidine
NT2 phenols
NT3 cresols
NT3 dinitrophenol
NT3 eriochrome dyes
NT3 hydroxypropiophenone
NT3 naphthols
NT4 1-nitroso-2-naphthol
NT4 nitroso-r salt
NT4 pyridylazonaphthol
NT4 thorin
NT4 trypan blue
NT3 nitrophenol
NT3 phenol
NT3 phenolphthalein
NT3 picric acid
NT3 polyphenols
NT4 arsenazo
NT4 bromosulphophthalein
NT4 catecholamines
NT4 curcumin
NT4 dopamine
NT4 fluorescein
NT5 erythrosine
NT4 hematoxylin
NT4 morin
NT4 pyridylazoresorcinol
NT4 pyrocatechol

NT4 pyrogallol
 NT4 quercetin
 NT4 resorcinol
 NT4 stilbestrol
 NT4 tannic acid
 NT4 tiron
 NT3 thymol
 NT3 tyramine
 NT3 xylenols
 NT2 phenylalanine
 NT2 polycyclic aromatic hydrocarbons
 NT3 3-methylcholanthrene
 NT3 acenaphthene
 NT3 anthracene
 NT3 azulene
 NT3 benzanthracene
 NT3 benzopyrene
 NT3 calixarenes
 NT3 cholanthrene
 NT3 chrysene
 NT3 dimethylbenzanthracene
 NT3 fluorene
 NT3 indene
 NT3 indocyanine green
 NT3 methylnaphthalenes
 NT3 naphthalene
 NT3 pentacene
 NT3 perylene
 NT3 phenanthrene
 NT3 polyphenyls
 NT4 terphenyls
 NT5 terphenyl-ortho
 NT5 terphenyl-para
 NT3 pyrene
 NT3 quaterphenyls
 NT3 tetracene
 NT3 triphenylene
 NT2 quinones
 NT3 anthraquinones
 NT4 alizarin
 NT4 carminic acid
 NT4 quinizarin
 NT3 benzoquinones
 NT4 chloranil
 NT4 chloranilic acid
 NT4 plastoquinone
 NT4 ubiquinone
 NT3 rhodizonic acid
 NT3 vitamin k
 NT2 stilbene
 NT2 tetralin
 NT2 tolan
 NT2 triphenylmethane dyes
 NT3 methyl violet
 NT3 methylthymol blue
 NT1 carotenoids
 NT1 polyenes
 NT2 dienes
 NT3 allene
 NT3 butadiene
 NT3 cyclopentadiene
 NT3 ferrocene
 NT3 isoprene
 NT3 pentadienes
 NT2 polyacetylenes
 NT2 squalene
 RT bromoform
 RT fischer-tropsch synthesis
 RT fish oil
 RT fluidized bed hydrogenation process
 RT fluoroform
 RT freons
 RT iodoform
 RT meadow foam
 RT oils
 RT partial oxidation processes
 RT petroleum
 RT refrigerants
 RT shell gasification process

RT turpentine

hydrocephalus

USE malformations

HYDROCHLORIC ACID

Prior to August 2012 the concept "hydrogen chlorides" was indexed here.

*BT1 chlorine compounds

*BT1 inorganic acids

RT aqua regia

RT hydrogen chlorides

HYDROCORTISONE

UF cortisol

*BT1 glucocorticoids

HYDROCRACKING

2000-05-08

*BT1 cracking

RT catalytic cracking

RT thermal cracking

HYDROCYANIC ACID

Prior to August 2012 this concept was indexed by HYDROGEN CYANIDES.

*BT1 inorganic acids

RT hydrogen cyanides

hydrocyclones

INIS: 2000-04-12; ETDE: 1978-07-27

USE cyclone separators

HYDRODYNAMIC MASS EFFECT

INIS: 1976-03-17; ETDE: 1976-08-24

A virtual increase of the mass of solids when vibrating in fluids.

UF added mass effect

UF virtual mass effect

RT damping

RT eigenfrequency

RT hydrodynamics

RT mechanical vibrations

HYDRODYNAMIC MODEL

A model for particle production in high-energy collisions that applies relativistic hydrodynamics to the coalesced hadronic matter.

*BT1 thermodynamic model

RT nuclear models

RT particle production

HYDRODYNAMICS

*BT1 fluid mechanics

NT1 electrohydrodynamics

NT1 magnetohydrodynamics

RT counterflow systems

RT crossflow systems

RT fluid flow

RT flute instability

RT hydraulics

RT hydrodynamic mass effect

RT liquid flow

RT rayleigh-taylor instability

RT working fluids

HYDROELECTRIC POWER

UF hydroelectricity

*BT1 electric power

*BT1 renewable energy sources

RT grand river

RT hydroelectric power plants

RT pumped storage power plants

HYDROELECTRIC POWER PLANTS

1997-10-03

BT1 power plants

NT1 high-head hydroelectric power plants

NT1 low-head hydroelectric power plants

NT1 medium-head hydroelectric power plants

NT1 micro-scale hydroelectric power plants

NT1 pumped storage power plants

NT1 small-scale hydroelectric power plants

RT altamaha river

RT au sable river

RT dams

RT fish passage facilities

RT flood control

RT hydroelectric power

RT lewis river

RT little tennessee river

RT menominee river

RT peaking power plants

RT penstocks

RT pumped storage

RT saginaw river

RT skagit river

RT spillways

RT turbines

RT water wheels

hydroelectricity

USE hydroelectric power

HYDROFLUORIC ACID

Prior to August 2012 this concept was indexed by HYDROGEN FLUORIDES.

*BT1 fluorine compounds

*BT1 inorganic acids

RT hydrogen fluorides

hydroformylation

INIS: 2000-04-12; ETDE: 1983-06-20

USE carbonylation

HYDROGELS

2006-02-06

Two-phase colloidal systems in which the disperse phase (particles) has combined with water.

*BT1 gels

RT polymers

RT water

HYDROGEN

*BT1 nonmetals

RT balmer lines

RT cryogenic fluids

RT dehydration

RT h1 regions

RT hydridation

RT hydrogen-based economy

RT hydrogen embrittlement

RT hydrogen fuels

RT hydrogen meters

RT hydrogen production

RT hydrogen storage

RT lyman lines

HYDROGEN 1

UF protium

*BT1 hydrogen isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

*BT1 stable isotopes

RT hydrogen deuteride

HYDROGEN 1 MINUS BEAMS

INIS: 1978-08-14; ETDE: 1978-10-19

UF hydrogen minus 1 beams

*BT1 ion beams

HYDROGEN 1 TARGET

ETDE: 1976-07-09

BT1 targets

hydrogen 2

USE deuterium

hydrogen 3

USE tritium

HYDROGEN 4

*BT1 hydrogen isotopes

*BT1 light nuclei

*BT1 odd-odd nuclei

HYDROGEN 5

*BT1 hydrogen isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

HYDROGEN 6

*BT1 hydrogen isotopes

*BT1 light nuclei

*BT1 odd-odd nuclei

HYDROGEN 7

*BT1 hydrogen isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

HYDROGEN ADDITIONS

RT hydrides

HYDROGEN-BASED ECONOMY

2000-04-12

Energy industry based on hydrogen for energy storage, distribution, and utilization.

RT hydrogen

RT hydrogen storage

RT industry

HYDROGEN BROMIDES*Till August 2012 HYDROBROMIC ACID was used for this concept*

*BT1 bromides

*BT1 hydrogen halides

RT hydrobromic acid

HYDROGEN BURNING*INIS: 1978-11-24; ETDE: 1980-07-23**Astrophysical processes only.*

UF pp chain

UF proton-proton cycle

BT1 star burning

RT main sequence stars

RT nucleosynthesis

RT star evolution

RT star models

HYDROGEN CHLORIDES*Till August 2012 HYDROCHLORIC ACID**was used for this concept*

*BT1 chlorides

*BT1 hydrogen halides

RT hydrochloric acid

HYDROGEN COMPLEXES

BT1 complexes

HYDROGEN COMPOUNDS

NT1 borohydrides

NT2 uranium borohydrides

NT1 deuterium compounds

NT2 deuterides

NT3 hydrogen deuteride

NT3 lithium deuterides

NT2 deuterium tritide

NT2 heavy water

NT1 hydrides

NT2 actinium hydrides

NT2 aluminium hydrides

NT2 americium hydrides

NT2 antimony hydrides

NT2 argon hydrides

NT2 arsenic hydrides

NT2 barium hydrides

NT2 berkelium hydrides

NT2 beryllium hydrides

NT2 bismuth hydrides

NT2 boranes

NT2 boron hydrides

NT2 calcium hydrides

NT2 cerium hydrides

NT2 cesium hydrides

NT2 chromium hydrides

NT2 cobalt hydrides

NT2 copper hydrides

NT2 curium hydrides

NT2 dysprosium hydrides

NT2 erbium hydrides

NT2 europium hydrides

NT2 gadolinium hydrides

NT2 germanium hydrides

NT2 gold hydrides

NT2 hafnium hydrides

NT2 helium hydrides

NT2 holmium hydrides

NT2 indium hydrides

NT2 iridium hydrides

NT2 iron hydrides

NT2 krypton hydrides

NT2 lanthanum hydrides

NT2 lead hydrides

NT2 lithium hydrides

NT3 lithium deuterides

NT3 lithium tritides

NT2 lutetium hydrides

NT2 magnesium hydrides

NT2 manganese hydrides

NT2 mercury hydrides

NT2 molybdenum hydrides

NT2 neodymium hydrides

NT2 neon hydrides

NT2 neptunium hydrides

NT2 nickel hydrides

NT2 niobium hydrides

NT2 nitrogen hydrides

NT3 ammonia

NT2 palladium hydrides

NT2 phosphorus hydrides

NT2 platinum hydrides

NT2 plutonium hydrides

NT2 potassium hydrides

NT2 praseodymium hydrides

NT2 protactinium hydrides

NT2 rhenium hydrides

NT2 rhodium hydrides

NT2 rubidium hydrides

NT2 ruthenium hydrides

NT2 samarium hydrides

NT2 scandium hydrides

NT2 selenium hydrides

NT2 silanes

NT2 silver hydrides

NT2 sodium hydrides

NT2 strontium hydrides

NT2 tantalum hydrides

NT2 technetium hydrides

NT2 tellurium hydrides

NT2 terbium hydrides

NT2 thallium hydrides

NT2 thorium hydrides

NT2 thulium hydrides

NT2 tin hydrides

NT2 titanium hydrides

NT2 tungsten hydrides

NT2 uranium hydrides

NT2 vanadium hydrides

NT2 xenon hydrides

NT2 ytterbium hydrides

NT2 yttrium hydrides

NT2 zinc hydrides

NT2 zirconium hydrides

NT1 hydrogen cyanides

NT1 hydrogen halides

NT2 hydrogen bromides

NT2 hydrogen chlorides

NT2 hydrogen fluorides

NT2 hydrogen iodides

NT1 hydrogen nitrates

NT1 hydrogen peroxide

NT1 hydrogen phosphates

NT1 hydrogen silicates

NT1 hydrogen sulfates

NT1 hydrogen sulfides

NT1 hydroxides

NT2 actinium hydroxides

NT2 aluminium hydroxides

NT2 americium hydroxides

NT2 ammonium hydroxides

NT2 antimony hydroxides

NT2 barium hydroxides

NT2 beryllium hydroxides

NT2 bismuth hydroxides

NT2 boron hydroxides

NT2 cadmium hydroxides

NT2 calcium hydroxides

NT2 cerium hydroxides

NT2 cesium hydroxides

NT2 chromium hydroxides

NT2 cobalt hydroxides

NT2 copper hydroxides

NT2 curium hydroxides

NT2 dysprosium hydroxides

NT2 erbium hydroxides

NT2 europium hydroxides

NT2 gadolinium hydroxides

NT2 gallium hydroxides

NT2 germanium hydroxides

NT2 hafnium hydroxides

NT2 helium hydroxides

NT2 holmium hydroxides

NT2 indium hydroxides

NT2 iron hydroxides

NT2 lanthanum hydroxides

NT2 lead hydroxides

NT2 lithium hydroxides

NT2 lutetium hydroxides

NT2 magnesium hydroxides

NT2 manganese hydroxides

NT2 molybdenum hydroxides

NT2 neodymium hydroxides

NT2 neptunium hydroxides

NT2 nickel hydroxides

NT2 niobium hydroxides

NT2 palladium hydroxides

NT2 platinum hydroxides

NT2 plutonium hydroxides

NT2 potassium hydroxides

NT2 praseodymium hydroxides

NT2 promethium hydroxides

NT2 protactinium hydroxides

NT2 rhenium hydroxides

NT2 rhodium hydroxides

NT2 rubidium hydroxides

NT2 ruthenium hydroxides

NT2 samarium hydroxides

NT2 scandium hydroxides

NT2 silicon hydroxides

NT2 silver hydroxides

NT2 sodium hydroxides

NT2 strontium hydroxides

NT2 tantalum hydroxides

NT2 tellurium hydroxides

NT2 terbium hydroxides

NT2 thallium hydroxides

NT2 thorium hydroxides

NT2 thulium hydroxides

NT2 tin hydroxides

NT2 titanium hydroxides

NT2 tungsten hydroxides

NT2 uranium hydroxides

NT2 vanadium hydroxides

NT2 ytterbium hydroxides

NT2 yttrium hydroxides

NT2 zinc hydroxides

NT2 zirconium hydroxides

NT1 inorganic acids
NT2 boric acid
NT2 broensted acids
NT2 bromic acid
NT2 carbonic acid
NT2 chloric acid
NT2 chlorous acid
NT2 chromic acid
NT2 fluoroboric acid
NT2 hydrazoic acid
NT2 hydriodic acid
NT2 hydrobromic acid
NT2 hydrochloric acid
NT2 hydrocyanic acid
NT2 hydrofluoric acid
NT2 hypochlorous acid
NT2 hypofluorous acid
NT2 hypoiodous acid
NT2 hypophosphorous acid
NT2 iodic acid
NT2 lewis acids
NT2 molybdic acid
NT2 molybdophosphoric acid
NT2 nitric acid
NT2 nitrous acid
NT2 perchloric acid
NT2 periodic acid
NT2 phosphoric acid
NT2 phosphorous acid
NT2 silicic acid
NT2 sulfamic acid
NT2 sulfuric acid
NT2 sulfurous acid
NT2 telluric acid
NT2 tungstophosphoric acid
NT1 tritium compounds
NT2 tritides
NT3 deuterium tritide
NT3 helium tritides
NT3 hydrogen tritide
NT3 lithium tritides
NT2 tritium oxides
NT1 water
NT2 drinking water
NT2 feedwater
NT2 fresh water
NT2 ground water
NT3 interstitial water
NT3 magmatic water
NT2 heavy water
NT2 hot water
NT2 rain water
NT3 throughfall
NT2 seawater
NT2 tritium oxides
NT2 waste water
NT3 shale tar water

HYDROGEN COOLED REACTORS

***BT1** gas cooled reactors
NT1 kiwi reactors
NT2 kiwi-tnt reactor
NT1 nerva reactor
NT1 nrx-a2 reactor
NT1 nrx-a3 reactor
NT1 nrx-a4-est reactor
NT1 nrx-a5 reactor
NT1 nrx-a6 reactor
NT1 pewee-1 reactor
NT1 pewee-2 reactor
NT1 pewee-3 reactor
NT1 pewee-4 reactor
NT1 phoebus-1a reactor
NT1 phoebus-1b reactor
NT1 phoebus-2a reactor
NT1 rover reactors
NT1 xe-prime reactor
RT nrx-a7 reactor
RT space propulsion reactors

RT xe-2 reactor

HYDROGEN CYANIDES

INIS: 2000-04-12; ETDE: 1975-08-19
Till July 2012 HYDROCYANIC ACID was used for this concept
BT1 cyanides
BT1 hydrogen compounds
RT hydrocyanic acid

HYDROGEN DEUTERIDE

1976-03-02
UF deuterium hydride
***BT1** deuterides
RT deuterium
RT hydrogen 1

hydrogen donor reactions

INIS: 1981-02-27; ETDE: 1978-10-23
USE hydrogen transfer

HYDROGEN EMBRITTLEMENT

INIS: 1992-06-17; ETDE: 1980-06-06
A decrease in fracture strength of metals due to the incorporation of hydrogen in the metal lattice.
BT1 embrittlement
RT brittleness
RT fracture properties
RT hydridation
RT hydrogen
RT interstitial hydrogen generation

HYDROGEN FLUORIDES

Till August 2012 HYDROFLUORIC ACID was used for this concept
***BT1** fluorides
***BT1** hydrogen halides
RT hydrofluoric acid

HYDROGEN FUEL CELLS

1976-07-30
***BT1** fuel cells

HYDROGEN FUELS

1992-07-10
***BT1** synthetic fuels
RT automotive fuels
RT hydrogen
RT jet engine fuels
RT slush

hydrogen generation

INIS: 1990-12-15; ETDE: 1983-04-28
 (Prior to December 1990, this was a valid descriptor.)
USE interstitial hydrogen generation

HYDROGEN GENERATORS

2000-01-04
Devices for continuous production of small quantities of hydrogen.
BT1 gas generators
RT hydrogen production

HYDROGEN HALIDES

2012-07-26
***BT1** halides
BT1 hydrogen compounds
NT1 hydrogen bromides
NT1 hydrogen chlorides
NT1 hydrogen fluorides
NT1 hydrogen iodides

hydrogen hydroxides

USE water

HYDROGEN IODIDES

INIS: 2000-04-12; ETDE: 1983-02-09
Till August 2012 HYDRIODIC ACID was used for this concept
***BT1** hydrogen halides
***BT1** iodides

RT hydriodic acid

HYDROGEN IONS

***BT1** ions
NT1 hydrogen ions 1 minus
NT1 hydrogen ions 1 plus
NT1 hydrogen ions 2 plus
NT1 hydrogen ions 3 plus

HYDROGEN IONS 1 MINUS

For monatomic negative hydrogen ions.
***BT1** anions
***BT1** hydrogen ions

HYDROGEN IONS 1 PLUS

For monatomic positive hydrogen ions.
UF proton-atom collisions
UF proton-molecule collisions
***BT1** cations
***BT1** hydrogen ions
RT h2 regions
RT oxonium ions
RT protons

HYDROGEN IONS 2 PLUS

For diatomic singly positive hydrogen ions.
***BT1** cations
***BT1** hydrogen ions
***BT1** molecular ions

HYDROGEN IONS 3 PLUS

For triatomic singly positive hydrogen ions.
***BT1** cations
***BT1** hydrogen ions
***BT1** molecular ions

HYDROGEN ISOTOPES

1999-07-16
BT1 isotopes
NT1 deuterium
NT1 hydrogen 1
NT1 hydrogen 4
NT1 hydrogen 5
NT1 hydrogen 6
NT1 hydrogen 7
NT1 tritium

hydrogen logs

INIS: 2000-04-12; ETDE: 1979-03-27
SEE neutron-gamma logging
SEE neutron logging
SEE neutron-neutron logging

HYDROGEN METERS

1977-10-17
***BT1** meters
RT chemical analysis
RT hydrogen

hydrogen minus 1 beams

INIS: 2000-04-12; ETDE: 1979-03-05
USE hydrogen 1 minus beams

HYDROGEN NITRATES

Till July 2012 NITRIC ACID was used for this concept
BT1 hydrogen compounds
***BT1** nitrates
RT nitric acid

HYDROGEN PEROXIDE

BT1 hydrogen compounds
***BT1** peroxides

HYDROGEN PHOSPHATES

Till July 2012 PHOSPHORIC ACID was used for this concept
BT1 hydrogen compounds
***BT1** phosphates
RT phosphoric acid

HYDROGEN PRODUCTION

1994-10-13

For industrial hydrogen production only; see also *INTERSTITIAL HYDROGEN GENERATION*.

(Until October 1994 this concept was indexed to *HYDROGEN* and *PRODUCTION*.)

UF production (hydrogen)
 RT autothermal reformer processes
 RT biophotolysis
 RT bosch process
 RT hydrogen
 RT hydrogen generators
 RT partial oxidation processes
 RT photoelectrolysis
 RT reformer processes
 RT steam-iron process
 RT steam reformer processes
 RT thermochemical processes
 RT water gas processes

hydrogen production rates

INIS: 2000-04-12; ETDE: 1979-09-26

USE interstitial hydrogen generation

hydrogen selenides

INIS: 2000-04-12; ETDE: 1982-05-12

USE selenium hydrides

HYDROGEN SILICATES

Till July 2012 *SILICIC ACID* was used for this concept

BT1 hydrogen compounds
 *BT1 silicates
 RT silicic acid

HYDROGEN STORAGE

1992-02-18

BT1 storage
 RT chemisorption
 RT cryogenics
 RT energy storage
 RT hydrides
 RT hydrogen
 RT hydrogen-based economy
 RT tanks

HYDROGEN SULFATES

Till July 2012 *SULFURIC ACID* was used for this concept

BT1 hydrogen compounds
 *BT1 sulfates
 RT sulfuric acid

HYDROGEN SULFIDES

UF sulfur hydrides
 BT1 hydrogen compounds
 *BT1 sulfides
 RT sour crudes

HYDROGEN TRANSFER

INIS: 1981-02-27; ETDE: 1978-10-23

UF hydrogen donor reactions
 RT charge exchange
 RT chemical reactions
 RT isotopic exchange
 RT photochemical reactions

HYDROGEN TRITIDE

INIS: 1976-07-06; ETDE: 1976-02-19

UF tritium hydride
 *BT1 tritides

hydrogenase

1984-06-21

(Prior to July 1984 this was a valid descriptor, and older material is so indexed.)

USE hydrogenases

HYDROGENASES

INIS: 1984-06-21; ETDE: 1981-01-12

Code number 1.12.

UF hydrogenase
 *BT1 oxidoreductases

HYDROGENATION

BT1 chemical reactions
 NT1 gulf hds process
 RT clean coke process
 RT cs-r process
 RT dehydrogenation
 RT deuteration
 RT fischer-tropsch synthesis
 RT flash hydropyrolysis process
 RT lc-fining

HYDROKINETIC POWER

2008-12-24

Electric power generated from moving water without dams or other structures typically used at conventional hydropower facilities; for the latter, use *HYDROELECTRIC POWER*.

*BT1 electric power
 *BT1 renewable energy sources
 RT water current power generators
 RT water currents

hydrokinetic power generators

2008-12-24

USE water current power generators

HYDROLASES

Code number 3.

*BT1 enzymes
 NT1 acid anhydrases
 NT2 gtp-ases
 NT2 phosphohydrolases
 NT3 atp-ase
 NT1 esterases
 NT2 carboxylesterases
 NT3 cholinesterase
 NT3 lipases
 NT2 phosphatases
 NT3 acid phosphatase
 NT3 alkaline phosphatase
 NT3 nucleotidases
 NT2 phosphodiesterases
 NT3 nucleases
 NT4 dna-ase
 NT5 endonucleases
 NT4 rna-ase
 NT1 glycosyl hydrolases
 NT2 o-glycosyl hydrolases
 NT3 amylase
 NT3 cellulase
 NT3 galactosidase
 NT3 glucosidase
 NT3 glucuronidase
 NT3 hyaluronidase
 NT3 lysozyme
 NT3 xylanase
 NT1 non-peptide c-n hydrolases
 NT2 amidases
 NT3 arginase
 NT3 urease
 NT2 amidinases
 NT1 peptide hydrolases
 NT2 acid proteinases
 NT3 pepsin
 NT2 aminopeptidases
 NT2 carboxypeptidases
 NT2 nonspecific peptidases
 NT3 renin
 NT3 urokinase
 NT2 serine proteinases
 NT3 chymotrypsin
 NT3 fibrinolysin
 NT3 kallikrein

NT3 thrombin
 NT3 trypsin
 NT2 sh-proteinases
 NT3 cathepsins
 NT3 papain
 NT3 streptococcal proteinase
 RT enzymatic hydrolysis

HYDROLOGY

RT aquifers
 RT drainage
 RT floods
 RT fluid injection
 RT ground water
 RT hydraulic conductivity
 RT lakes
 RT piezometry
 RT rivers
 RT site characterization
 RT surface waters
 RT water influx
 RT water springs
 RT water tables

HYDROLYSIS

1997-06-17

BT1 lysis
 *BT1 solvolysis
 NT1 acid hydrolysis
 NT1 alkaline hydrolysis
 NT1 autohydrolysis
 NT1 enzymatic hydrolysis
 NT1 saccharification
 NT1 saponification
 RT esters

HYDROMAGNETIC WAVES

UF magnetohydrodynamic waves
 NT1 alfvén waves
 NT1 magnetoacoustic waves
 NT2 fast magnetoacoustic waves
 RT magnetoacoustics
 RT plasma surface waves
 RT plasma waves
 RT shock waves

HYDROMETALLURGY

*BT1 extractive metallurgy
 RT leaching
 RT precipitation
 RT solvent extraction

hydronium ions

INIS: 2000-04-12; ETDE: 1977-08-24

USE oxonium ions

HYDRONIUM RADICALS

BT1 radicals
 RT water

HYDROPEROXY RADICALS

HO2.

UF ho2
 UF perhydroxyl radical
 BT1 radicals

HYDROPHYLIC POLYMERS

2000-01-11

*BT1 gels
 BT1 polymers
 RT shielding materials
 RT water

HYDROPONIC CULTURE

INIS: 1999-05-19; ETDE: 1976-05-13

Growing of plants in a nutrient solution with the mechanical support of an inert medium such as sand.

BT1 cultivation techniques
 RT agriculture
 RT aquaculture
 RT crops

RT greenhouses
RT plant growth

HYDRORETORTING ASSAY

INIS: 2000-04-12; ETDE: 1984-10-10

RT oil shales
RT shale oil

HYDROSPHERE

RT aquatic ecosystems
RT atmospheric precipitations
RT cryosphere
RT environment
RT glaciers
RT limnology
RT surface waters
RT water

HYDROSTATIC BEARINGS

INIS: 1978-08-14; ETDE: 1978-10-19

BT1 bearings
RT liquids
RT lubrication

HYDROSTATICS

RT fluid mechanics
RT pore pressure

HYDROTHERMAL ALTERATION

1994-10-13

Alteration of rocks or minerals by the reaction of hydrothermal water with preexisting solid phases.

(Until October 1994 this concept was indexed to METAMORPHISM.)

BT1 metamorphism
RT hydrothermal stage
RT rock-fluid interactions

hydrothermal convective systems

INIS: 2000-04-12; ETDE: 1976-03-11

USE hydrothermal systems

HYDROTHERMAL STAGE

That stage in the cooling of a magma containing volatiles during which the residual fluid is strongly enriched in water and other volatiles.

RT hydrothermal alteration
RT metamorphism

HYDROTHERMAL SYNTHESIS

INIS: 1999-03-09; ETDE: 1975-12-16

Mineral synthesis in presence of water at elevated temperatures.

BT1 synthesis

HYDROTHERMAL SYSTEMS

1992-04-08

Geothermal system where most of the heat is transferred by the convective circulation of water or steam.

UF hydrothermal convective systems
BT1 energy systems
BT1 geothermal systems
NT1 geothermal hot-water systems
NT1 vapor-dominated systems
RT fumaroles
RT geothermal fluids
RT geysers
RT hot springs
RT thermal springs
RT warm springs

HYDROTHORITE

2000-04-12

*BT1 silicate minerals
*BT1 thorium minerals
RT thorium silicates

HYDROTORTING PROCESS

2000-04-12

Finely crushed oil shale is retorted under high pressure in presence of hydrogen; process developed by Texaco.

RT oil shales
RT retorting

HYDROXAMIC ACIDS

*BT1 amines
*BT1 hydroxy compounds
NT1 benzohydroxamic acid
RT organic acids

HYDROXIDE MODERATORS

BT1 moderators
RT hydroxides

HYDROXIDES

1997-06-19

UF alkalis (hydroxides)
UF hydroxyl ions
BT1 hydrogen compounds
BT1 oxygen compounds
NT1 actinium hydroxides
NT1 aluminium hydroxides
NT1 americium hydroxides
NT1 ammonium hydroxides
NT1 antimony hydroxides
NT1 barium hydroxides
NT1 beryllium hydroxides
NT1 bismuth hydroxides
NT1 boron hydroxides
NT1 cadmium hydroxides
NT1 calcium hydroxides
NT1 cerium hydroxides
NT1 cesium hydroxides
NT1 chromium hydroxides
NT1 cobalt hydroxides
NT1 copper hydroxides
NT1 curium hydroxides
NT1 dysprosium hydroxides
NT1 erbium hydroxides
NT1 europium hydroxides
NT1 gadolinium hydroxides
NT1 gallium hydroxides
NT1 germanium hydroxides
NT1 hafnium hydroxides
NT1 helium hydroxides
NT1 holmium hydroxides
NT1 indium hydroxides
NT1 iron hydroxides
NT1 lanthanum hydroxides
NT1 lead hydroxides
NT1 lithium hydroxides
NT1 lutetium hydroxides
NT1 magnesium hydroxides
NT1 manganese hydroxides
NT1 molybdenum hydroxides
NT1 neodymium hydroxides
NT1 neptunium hydroxides
NT1 nickel hydroxides
NT1 niobium hydroxides
NT1 palladium hydroxides
NT1 platinum hydroxides
NT1 plutonium hydroxides
NT1 potassium hydroxides
NT1 praseodymium hydroxides
NT1 promethium hydroxides
NT1 protactinium hydroxides
NT1 rhenium hydroxides
NT1 rhodium hydroxides
NT1 rubidium hydroxides
NT1 ruthenium hydroxides
NT1 samarium hydroxides
NT1 scandium hydroxides
NT1 silicon hydroxides
NT1 silver hydroxides
NT1 sodium hydroxides
NT1 strontium hydroxides

NT1 tantalum hydroxides
NT1 tellurium hydroxides
NT1 terbium hydroxides
NT1 thallium hydroxides
NT1 thorium hydroxides
NT1 thulium hydroxides
NT1 tin hydroxides
NT1 titanium hydroxides
NT1 tungsten hydroxides
NT1 uranium hydroxides
NT1 vanadium hydroxides
NT1 ytterbium hydroxides
NT1 yttrium hydroxides
NT1 zinc hydroxides
NT1 zirconium hydroxides
RT bases
RT dawsonite
RT hydroxide moderators
RT hydroxyl radicals
RT hydroxylation

HYDROXY ACIDS

1996-10-23

For carboxylic acids only; for other acids see HYDROXY COMPOUNDS coordinated with the descriptor for the particular acid group, e.g., SULFONIC ACIDS.

UF aluminon
UF aurintricarboxylic acid
UF chrome violet
UF melilotic acid
UF podophyllic acid
UF trihydroxyglutaric acid
UF trioxylglutaric acid
*BT1 carboxylic acids
NT1 acetylsalicylic acid
NT1 benzoic acid
NT1 carnitine
NT1 citric acid
NT1 diiodotyrosine
NT1 dopa
NT1 eddha
NT1 eosin
NT1 fluorescein
NT2 erythrosine
NT1 galacturonic acid
NT1 gallic acid
NT1 gibberellic acid
NT1 gluconic acid
NT1 glucuronic acid
NT1 glyceric acid
NT1 glycolic acid
NT1 hedta
NT1 heida
NT1 hydroxyproline
NT1 hydroxytryptophan
NT1 lactic acid
NT1 malic acid
NT1 mandelic acid
NT1 methyl tyrosine
NT1 mevalonic acid
NT1 pantothenic acid
NT1 rose bengal
NT1 salicylic acid
NT1 serine
NT1 shikimic acid
NT1 tartaric acid
NT1 threonine
NT1 thyronine
NT1 tyrosine
RT hydroxy compounds
RT lactones

hydroxy-alpha-alanine-beta

USE serine

HYDROXY COMPOUNDS

1996-10-23

For organic compounds only and excluding saccharides, glycosides and hydroxy acids.

UF *dianabol*
 UF *kynurenic acid*
 UF *pregnanediol*
 UF *pregnanetriol*
 UF *tmpn*
 BT1 organic compounds
 NT1 alcohols
 NT2 2-methylpropanol
 NT2 benzhydrol
 NT2 benzyl alcohol
 NT2 butanols
 NT2 choline
 NT2 cyclohexanol
 NT2 decanols
 NT2 enols
 NT2 erythritol
 NT2 ethanol
 NT3 bioethanol
 NT4 cellulosic ethanol
 NT2 glycerol
 NT2 glycols
 NT3 butanediols
 NT3 cellosolves
 NT3 egta
 NT3 ethylene glycols
 NT4 polyethylene glycols
 NT5 carbowax
 NT5 pluronics
 NT3 pinacol
 NT2 hexanols
 NT2 methanol
 NT2 metronidazole
 NT2 misonidazole
 NT2 octanols
 NT2 pentanols
 NT2 propanols
 NT2 pva
 NT1 alizarin
 NT1 androsterone
 NT1 bph
 NT1 carminic acid
 NT1 chromotropic acid
 NT1 corticosteroids
 NT2 glucocorticoids
 NT3 corticosterone
 NT3 cortisone
 NT3 dexamethasone
 NT3 hydrocortisone
 NT3 prednisolone
 NT3 prednisone
 NT2 mineralocorticoids
 NT3 aldosterone
 NT1 cupferron
 NT1 ephedrine
 NT1 estradiol
 NT2 fluoroestradiol
 NT1 estriol
 NT1 estrone
 NT1 ferron
 NT1 folic acid
 NT1 guanine
 NT1 hydroxamic acids
 NT2 benzohydroxamic acid
 NT1 hydroxyandrostenone
 NT1 hydroxypregnenone
 NT1 hydroxyurea
 NT1 hypoxanthine
 NT1 melanin
 NT1 oximes
 NT2 benzoinoxime
 NT2 dimethylglyoxime
 NT1 oxine
 NT1 phenols
 NT2 cresols
 NT2 dinitrophenol

NT2 eriochrome dyes
 NT2 hydroxypropiofenone
 NT2 naphthols
 NT3 1-nitroso-2-naphthol
 NT3 nitroso-r salt
 NT3 pyridylazonaphthol
 NT3 thorin
 NT3 trypan blue
 NT2 nitrophenol
 NT2 phenol
 NT2 phenolphthalein
 NT2 picric acid
 NT2 polyphenols
 NT3 arsenazo
 NT3 bromosulfophthalein
 NT3 catecholamines
 NT3 curcumin
 NT3 dopamine
 NT3 fluorescein
 NT4 erythrosine
 NT3 hematoxylin
 NT3 morin
 NT3 pyridylazoresorcinol
 NT3 pyrocatechol
 NT3 pyrogallol
 NT3 quercetin
 NT3 resorcinol
 NT3 stilbestrol
 NT3 tannic acid
 NT3 tiron
 NT2 thymol
 NT2 tyramine
 NT2 xlenols
 NT1 pyridoxine
 NT1 quinizarin
 NT1 rhodizonic acid
 NT1 serotonin
 NT2 bufotenine
 NT1 sterols
 NT2 bile acids
 NT3 cholic acid
 NT2 cholesterol
 NT2 ergosterol
 NT2 sitosterol
 NT1 testosterone
 NT1 thiamine
 NT1 uracils
 NT2 bromouracils
 NT3 budr
 NT2 chlorouracils
 NT2 deoxyuridine
 NT2 fluorouracils
 NT3 fudr
 NT2 iodouracils
 NT3 iododeoxyuridine
 NT2 orotic acid
 NT2 thiouracil
 NT2 thymine
 NT2 uridine
 RT hydroxy acids
 RT hydroxylation
 RT inositols

hydroxy-para-cymene

USE thymol

hydroxyacetic acid

USE glycolic acid

HYDROXYANDROSTENONEUF *dehydroepiandrosterone*

*BT1 androgens

*BT1 hydroxy compounds

*BT1 ketones

hydroxybenzene

USE phenol

hydroxybenzoic acid-ortho

USE salicylic acid

hydroxydiphenylacetic acid

USE benzoic acid

hydroxyethylethylenediaminetri-acetic acid*Hydroxyethylethylenediaminetriacetic acid.*

USE hedta

hydroxyethyliminodiacetic acid

USE heida

hydroxyl ions

USE anions

USE hydroxides

HYDROXYL RADICALS

BT1 radicals

RT hydroxides

RT oxygen compounds

HYDROXYLAMINE

*BT1 amines

RT oximes

hydroxylase

2000-04-12

(Prior to January 1981 this was a valid ETDE descriptor.)

USE hydroxylases

HYDROXYLASES

INIS: 1982-02-10; ETDE: 1981-01-12

(Prior to February 1982 HYDROXYLASE was a valid term, and older information is so indexed.)

UF *hydroxylase*

*BT1 oxidoreductases

NT1 tyrosinase

HYDROXYLATION

INIS: 1977-07-05; ETDE: 1976-12-16

BT1 chemical reactions

RT hydroxides

RT hydroxy compounds

hydroxynaphthalenes

USE naphthols

HYDROXYPREGNENONEUF *pregnenolone*

*BT1 hydroxy compounds

*BT1 ketones

*BT1 pregnanes

RT progesterone

HYDROXYPROLINE

*BT1 amino acids

*BT1 heterocyclic acids

*BT1 hydroxy acids

*BT1 pyrrolidines

RT collagen

RT proline

hydroxypropionic acid-alpha

USE lactic acid

HYDROXYPROPIOPHENONE

ETDE: 2005-02-01

(Prior to January 2005 POP was used for this concept.)

UF *paroxypropione*UF *pop (paroxypropione)*

*BT1 ketones

*BT1 phenols

hydroxysuccinic acid

USE malic acid

hydroxytoluenes

USE cresols

HYDROXYTRYPTOPHAN

*BT1 amino acids

*BT1 hydroxy acids
 *BT1 radioprotective substances
 RT tryptophan

HYDROXYUREA

INIS: 2000-04-12; ETDE: 1976-03-11

*BT1 amides
 *BT1 hydroxy compounds

hydroxyxylenes

2000-04-12

USE xylenols

hyflex process

INIS: 2000-04-12; ETDE: 1981-07-06

In the HYFLEX process carbonaceous raw materials are concurrently heated with hydrogen or another gas in an entrained-flow reactor to pyrolysis temperatures, which produces a slate of products that can be varied by choosing different operating pressures and cracking severities.

(Prior to July 1993, this was a valid ETDE descriptor.)

USE coal gasification

HYGAS PROCESS

2000-04-12

Institute of Gas Technology hydrogasification process for producing high-btu gas by slurrying the coal with light oil and using a three-stage gasifier.

UF igt hydrogasification process

*BT1 coal gasification

BT1 sng processes

RT high btu gas

HYGROMETRY

(From November 1981 till March 1997

PSYCHROMETRY was a valid ETDE descriptor.)

UF psychrometry

RT humidity

RT moisture gages

HYGROSCOPICITY

RT adsorption

HYLEMYA ANTIQUA

*BT1 flies

RT onions

HYLIFE CONVERTER

INIS: 1979-09-18; ETDE: 1979-01-30

High Yield Lithium Injection Fusion Energy Converter.

*BT1 laser fusion reactors

HYLLERAAS COORDINATES

BT1 coordinates

RT quantum mechanics

hylleraas-scherr-knight procedure

1993-11-08

USE hsk procedure

hymenolepis

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE cestodes

HYMENOPTERA

INIS: 1993-07-12; ETDE: 1981-06-16

*BT1 insects

NT1 ants

NT1 bees

NT1 wasps

hyoscyamine

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE alkaloids

hypaque

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE amides

USE organic iodine compounds

USE sodium compounds

HYPERBOLIC CONFIGURATION

2004-09-09

BT1 configuration

HYPERCHARGE

BT1 particle properties

RT charm particles

RT gauge invariance

HYPERCUBE COMPUTERS

INIS: 1991-10-01; ETDE: 1987-10-22

Computer architecture in which each processor has its own memory and is connected to a number of other processors.

BT1 computers

RT array processors

RT supercomputers

HYPERFINE STRUCTURE

UF hfs

RT spectra

hyperfragments

USE hypernuclei

HYPERGEOMETRIC FUNCTIONS

BT1 functions

HYPERGLYCEMIA

RT saccharides

HYPERNUCLEI

UF hyperfragments

BT1 nuclear fragments

BT1 nuclei

RT hyperons

HYPERON BEAMS

1996-07-18

(Prior to March 1997 OMEGA PARTICLE BEAMS was a valid ETDE descriptor; prior to August 1996 XI PARTICLE BEAMS was a valid ETDE descriptor.)

UF omega particle beams

UF xi particle beams

*BT1 particle beams

NT1 lambda particle beams

NT1 sigma particle beams

HYPERON-HYPERON

INTERACTIONS

*BT1 baryon-baryon interactions

HYPERON REACTIONS

*BT1 baryon reactions

HYPERONS

UF strange baryons

*BT1 baryons

*BT1 strange particles

NT1 antihyperons

NT2 antilambda particles

NT2 antiomega particles

NT2 antisigma particles

NT2 antixi particles

NT1 lambda baryons

NT2 lambda-1405 baryons

NT2 lambda-1520 baryons

NT2 lambda-1600 baryons

NT2 lambda-1670 baryons

NT2 lambda-1690 baryons

NT2 lambda-1800 baryons

NT2 lambda-1810 baryons

NT2 lambda-1820 baryons

NT2 lambda-1830 baryons

NT2 lambda-1890 baryons

NT2 lambda-2100 baryons

NT2 lambda-2110 baryons

NT2 lambda particles

NT3 antilambda particles

NT1 lambda-n-2130 dibaryons

NT1 omega baryons

NT2 omega-2250 baryons

NT2 omega particles

NT3 antiomega particles

NT3 omega minus particles

NT1 sigma baryons

NT2 sigma-1385 baryons

NT2 sigma-1660 baryons

NT2 sigma-1670 baryons

NT2 sigma-1750 baryons

NT2 sigma-1775 baryons

NT2 sigma-1915 baryons

NT2 sigma-1940 baryons

NT2 sigma-2030 baryons

NT2 sigma-2455 baryons

NT2 sigma particles

NT3 antisigma particles

NT3 sigma minus particles

NT3 sigma neutral particles

NT3 sigma plus particles

NT1 xi baryons

NT2 xi-1530 baryons

NT2 xi-1690 baryons

NT2 xi-1820 baryons

NT2 xi-1950 baryons

NT2 xi-2030 baryons

NT2 xi-2250 baryons

NT2 xi-2500 baryons

NT2 xi particles

NT3 antixi particles

NT3 xi minus particles

NT3 xi neutral particles

NT1 z*baryons

RT hypernuclei

HYPERPARATHYROIDISM

1984-12-04

*BT1 endocrine diseases

RT bone tissues

RT calcium

RT parathyroid glands

HYPERSONIC FLOW

BT1 fluid flow

HYPERTENSION

BT1 symptoms

*BT1 vascular diseases

RT antihypertensive agents

RT biological stress

RT blood pressure

HYPERTHERMIA

INIS: 1981-08-18; ETDE: 1976-07-07

BT1 body temperature

RT fever

RT heat stress

RT hypothermia

HYPERTHYROIDISM

UF basedow's disease

UF thyrotoxicosis

*BT1 endocrine diseases

RT antithyroid drugs

RT goiter

RT pbi

RT thyroid hormones

HYPERTONIC SOLUTIONS

*BT1 solutions

RT isotonic solutions

RT osmosis

HYPERTROPHY

BT1 pathological changes

HYPNOTICS AND SEDATIVES

UF sedatives

*BT1 central nervous system depressants

NT1 barbiturates

NT2 nembutal

NT2 phenobarbital

NT1 chlorpromazine

NT1 codeine

NT1 reserpine

RT analgesics

RT anesthetics

RT narcotics

RT sleep

RT tranquilizers

HYPOCENTERS

INIS: 2000-04-12; ETDE: 1978-10-25

Subterranean sources of earthquakes; also, centers of subterranean areas in which the energy of earthquakes is supposed to be concentrated.

RT earthquakes

HYPOCHLOROUS ACID

*BT1 chlorine compounds

*BT1 inorganic acids

BT1 oxygen compounds

HYPOFLUOROUS ACID

INIS: 1994-03-15; ETDE: 1977-12-22

*BT1 fluorine compounds

*BT1 inorganic acids

BT1 oxygen compounds

HYPOIODOUS ACID

INIS: 1980-12-01; ETDE: 1981-01-09

*BT1 inorganic acids

*BT1 iodine compounds

BT1 oxygen compounds

hypophosphites

Specific hypophosphites should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and HYPOPHOSPHOROUS ACID.

USE hypophosphorous acid

HYPOPHOSPHOROUS ACID

UF hypophosphites

*BT1 inorganic acids

BT1 oxygen compounds

BT1 phosphorus compounds

HYPOPHYSECTOMY

*BT1 surgery

RT hypothalamus

RT pituitary gland

RT pituitary hormones

hypophysis

USE pituitary gland

HYPOTENSION

RT biological stress

RT blood pressure

HYPOTHALAMUS

*BT1 brain

RT autonomic nervous system

RT endocrine glands

RT homeostasis

RT hypophysectomy

RT metabolism

RT pituitary gland

RT trh

HYPOTHERMIA

BT1 body temperature

RT hibernation

RT hyperthermia

HYPOTHESIS

NT1 ergodic hypothesis

NT1 limiting fragmentation

NT1 mach principle

NT1 negative mass

RT comparative evaluations

RT functional models

RT hypothetical accidents

RT mathematical models

RT structural models

HYPOTHETICAL ACCIDENTS

2006-06-27

For possible accidents which have not actually occurred. Coordinate with descriptor(s) for the specific accident, e.g. LOSS OF FLOW, OIL SPILLS, if appropriate.

BT1 accidents

RT hypothesis

RT reactor accident simulation

HYPOTHYROIDISM

UF myxedema

*BT1 endocrine diseases

RT antithyroid drugs

RT goiter

RT pbi

RT thyroid hormones

HYPOXANTHINE

*BT1 hydroxy compounds

*BT1 purines

RT inosine

RT nucleotides

RT xanthines

hypoxanthine guanine**phosphoribosyltransferase**

INIS: 2000-04-12; ETDE: 1981-06-13

USE hypoxanthine

phosphoribosyltransferase

HYPOXANTHINE**PHOSPHORIBOSYLTRANSFERASE**

INIS: 2000-04-12; ETDE: 1981-06-13

UF hypoxanthine guanine

phosphoribosyltransferase

*BT1 pentosyl transferases

hypoxia

USE anoxia

HYSTERESIS

RT damping

RT energy losses

RT internal friction

RT tolerance

HYTORT PROCESS

INIS: 2000-04-12; ETDE: 1979-08-07

Direct, non-catalytic hydrogenation of kerosene at high pressures and controlled heat-up rates; developed by IGT.

RT black shales

RT retorting

HZ RANGE

BT1 frequency range

i-beam type reactors

INIS: 1982-11-30; ETDE: 1976-09-15

USE ion beam fusion reactors

I CENTERS

Interstitial halogen-ion centers.

*BT1 color centers

*BT1 interstitials

I CODES

BT1 computer codes

I G PROCESS

2000-04-12

*BT1 coal gasification

i-inositol

USE inositol

i-v characteristic

INIS: 1984-01-18; ETDE: 2002-06-13

USE electric conductivity

IAEA

UF international atomic energy agency

BT1 international organizations

NT1 ictp

NT1 monaco marine environment laboratory

NT1 seibersdorf iaea laboratory

RT austria

RT canare

RT cenna

RT cscnd

RT iaea agreements

RT iaea safeguards

RT inis

RT international convention on nuclear safety

RT recommendations

RT united nations

IAEA AGREEMENTS

*BT1 international agreements

RT iaea

RT legal aspects

iaea marine environment laboratory, monaco

INIS: 2004-06-11; ETDE: 2004-07-08

USE monaco marine environment laboratory

IAEA SAFEGUARDS

BT1 safeguards

RT iaea

iaea seibersdorf laboratory

INIS: 1988-04-15; ETDE: 2002-06-13

USE seibersdorf iaea laboratory

IAN

INIS: 1987-05-26; ETDE: 1987-06-09

Instituto de Asuntos Nucleares, Bogota.

*BT1 colombian organizations

IAN-R1 REACTOR

Institute of Nuclear Affairs, Bogota, Colombia.

UF instituto de asuntos nucleares r1

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 training reactors

IANTHINITE

2000-07-24

*BT1 oxide minerals

*BT1 uranium minerals

RT uranium oxides

IBM COMPUTERS

BT1 computers

ibr-1 reactor

1984-06-21

USE ifr reactor

IBR-2 REACTOR

1978-01-13

UF dubna ibr-2 reactor

UF dubna pulsed reactor

- *BT1 fast reactors
- *BT1 pulsed reactors
- *BT1 research reactors

IBR-30 REACTOR

Dubna, Russian Federation.

- *BT1 fast reactors
- *BT1 pulsed reactors
- *BT1 research reactors

ICE

- NT1 frost
- NT1 ice caps
- NT1 icebergs
- RT antarctic regions
- RT arctic regions
- RT cryosphere
- RT defrosting
- RT glaciers
- RT hail
- RT slush
- RT snow
- RT water

ICE CAPS

INIS: 1992-01-16; ETDE: 1986-07-25

Perennial cover of ice and snow on a land mass.

- BT1 ice
- RT antarctic regions
- RT arctic regions
- RT cryosphere
- RT glaciers
- RT icebergs
- RT mountains

ICE CONDENSERS

1977-01-25

A steam condenser using ice as the heat sink. Incorporated for example in the containment systems of McGuire, Watts Bar and other reactors.

- UF condensers (using ice)
- *BT1 steam condensers
- RT containment systems
- RT cooling
- RT reactor cooling systems

ICEBERGS

INIS: 1992-07-21; ETDE: 1979-08-07

- BT1 ice
- RT cryosphere
- RT ice caps

icebreaker arktika reactor

INIS: 1984-08-27; ETDE: 1994-09-12

- USE leonid brezhnev reactor

icebreaker lenin reactor

- USE lenin reactor

icebreaker leonid brezhnev reactor

INIS: 1993-11-08; ETDE: 1994-09-12

- USE leonid brezhnev reactor

icebreaker sibir reactor

INIS: 1985-09-09; ETDE: 2002-06-13

- USE sibir reactor

ICECUBE NEUTRINO DETECTOR

2016-12-12

IceCube is a particle detector at the South Pole

- *BT1 neutrino detectors

ICELAND

1997-06-17

- BT1 developing countries
- BT1 islands
- *BT1 western europe
- RT atlantic ocean
- RT krafla geothermal field

- RT namafjall geothermal field
- RT oecd

ices

INIS: 2000-04-12; ETDE: 1992-02-10

(Prior to February 1992, this was a valid ETDE descriptor.)

- USE ices program

ICES PROGRAM

INIS: 2000-04-12; ETDE: 1977-06-30

Program to develop community-scale energy systems, integrating community design planning and energy technology concepts. (Prior to February 1992, this subject was indexed by ICES.)

- UF ices
- UF integrated community energy systems
- BT1 energy systems
- NT1 thermal transmission ices
- RT communities
- RT energy facilities
- RT heating
- RT integrated energy utility systems
- RT modular integrated utility systems
- RT total energy systems

ICF DEVICES

INIS: 1997-06-05; ETDE: 1984-10-24

- UF inertial confinement fusion devices
- BT1 thermonuclear devices
- NT1 angara-5 device
- RT aurora facility
- RT cascade reactors
- RT diode-pumped solid state lasers
- RT electron beam fusion reactors
- RT inertial confinement
- RT ion beam fusion reactors
- RT laser fusion reactors
- RT us national ignition facility

icf targets

INIS: 1999-07-26; ETDE: 2002-06-13

- SEE electron beam targets
- SEE ion beam targets
- SEE laser targets

ICHTHAMMOL

2000-04-12

A brownish black viscous liquid prepared from a distillate of bituminous schists by sulfonation followed by neutralization with ammonia. It is used as an antiseptic and emollient.

- UF ichthyol
- RT oil shales
- RT shale oil

ichthyol

2000-04-12

- USE ichthammol

ICHTHYOPLANKTON

INIS: 1993-06-02; ETDE: 1979-03-28

The microscopic free-floating eggs and larvae of fish.

- *BT1 plankton
- RT anadromous fishes
- RT eggs
- RT fathead minnow
- RT fishes
- RT larvae

ici process

2000-04-12

Process for removing fly ash and sulfur dioxide from flue gases. It is a development of the boliden process and involves recovery of sulfur as liquefied sulfur dioxide or free sulfur. (Prior to March 1994, this was a valid ETDE descriptor.)

- USE desulfurization

ICL COMPUTERS

- BT1 computers

icns (international convention on nuclear safety)

INIS: 1999-12-23; ETDE: 2005-01-28

(Prior to January 2005 ICNS was a valid descriptor.)

- USE international convention on nuclear safety

iconoscopes

1996-06-28

(Until June 1996 this was a valid descriptor.)

- USE camera tubes

ICP MASS SPECTROSCOPY

INIS: 1993-10-01; ETDE: 1993-11-08

Inductively Coupled Plasma mass spectroscopy.

- *BT1 mass spectroscopy
- RT chemical analysis
- RT mass spectra
- RT mass spectrometers
- RT resonance ionization mass spectroscopy

icr

INIS: 1983-12-01; ETDE: 1984-01-27

- USE ion cyclotron-resonance

ICR HEATING

- UF ion cyclotron-resonance heating
- *BT1 high-frequency heating
- RT cyclotron radiation
- RT ion cyclotron-resonance

ICRP

- UF international commission radiological protection
- BT1 international organizations
- RT alara
- RT cuex
- RT icru
- RT radiation protection
- RT recommendations
- RT reference man

ICRP CRITICAL GROUP

Out of a general population, the group of persons most highly exposed to radiation by virtue of their occupations, diets, habits, etc.

- UF critical group (icrp)
- RT body burden
- RT diet
- RT human populations
- RT occupational exposure
- RT occupations
- RT radiation doses
- RT radiation hazards
- RT working conditions

ICRU

- UF international commission on radiation units and measurements
- BT1 international organizations
- RT dosimetry
- RT icrp
- RT radiation dose units
- RT recommendations

icsd

INIS: 1984-04-04; ETDE: 2002-06-13
Ionization chamber smoke detectors.
 USE smoke detectors

ICTP

1979-11-02
International Centre for Theoretical Physics, Trieste.
 UF international center for theoretical physics
 *BT1 iaea

IDAHO

1997-06-19
 *BT1 usa
 RT columbia river basin
 RT raft river valley
 RT snake river plain
 RT western us overthrust belt
 RT yellowstone national park

idaho advanced test reactor

USE atr reactor

IDAHO CHEMICAL PROCESSING PLANT

*BT1 fuel reprocessing plants
 *BT1 us aec
 *BT1 us doe
 *BT1 us erda

idaho materials testing reactor

USE mtr reactor

idaho national engineering and environmental laboratory

2005-05-18
 USE idaho national laboratory

idaho national engineering laboratory

INIS: 1976-05-07; ETDE: 1975-12-16
Until 1976 known as NRTS and older material is so indexed.
 USE idaho national laboratory

IDAHO NATIONAL LABORATORY

2011-06-01
 (Formerly known as INEEL, Idaho National Engineering Laboratory, and NRTS)
 UF idaho national engineering and environmental laboratory
 UF idaho national engineering laboratory
 UF ineel
 UF inel
 UF inl
 UF national reactor testing station
 UF nrts
 *BT1 us doe

IDEAL FLOW

1986-03-04
 UF frictionless flow
 UF inviscid flow
 UF nonviscous flow
 *BT1 incompressible flow
 *BT1 steady flow
 RT laminar flow

IDENTIFICATION SYSTEMS

INIS: 1985-12-10; ETDE: 1980-05-06
For persons or objects. Not for systems for PARTICLE IDENTIFICATION.
 UF authentication
 NT1 biometric authentication
 RT control systems
 RT data acquisition systems
 RT entry control systems
 RT nuclear materials management

RT pattern recognition
 RT physical protection devices
 RT safeguards
 RT secrecy protection
 RT security

iea

INIS: 1977-04-07; ETDE: 1976-05-17
 USE international energy agency

IEA-ZPR REACTOR

Instituto de Energia Atomica, Sao Paulo, Brazil.
 UF instituto de energia atomica zpr
 UF sao paulo iea zero power reactor
 *BT1 graphite moderated reactors
 *BT1 helium cooled reactors
 *BT1 research reactors
 *BT1 zero power reactors
 RT enriched uranium reactors
 RT thorium reactors

IEAR-1 REACTOR

Instituto de Energia Atomica, Sao Paulo, Brazil.
 UF instituto de energia atomica r1
 UF sao paulo iear-1 reactor
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

iec (international electrotechnical commission)

2004-09-14
 USE international electrotechnical commission

ieus (integrated energy utility systems)

INIS: 2000-04-12; ETDE: 2005-01-28
 (Prior to January 2005 IEUS was a valid descriptor.)
 USE integrated energy utility systems

IFIEC

INIS: 1991-12-11; ETDE: 1992-01-08
International Federation of Industrial Energy Consumers.
 UF international federation of industrial energy consumers
 BT1 international organizations
 RT industry
 RT international cooperation

IFIP

UF international food irradiation project
 *BT1 coordinated research programs
 RT food
 RT irradiation procedures
 RT preservation
 RT radappertization
 RT radication
 RT radurization

ifp process

2000-04-12
Process for removal of hydrogen sulfide and sulfur dioxide from Claus unit tail gas to an sulfur dioxide level of 1, 500 to 2, 000 ppm (ifp-1) or 500 ppm or below (ifp-2) and stack gas clean-up to take sulfur dioxide down to or below 500 ppm (ifp-2).
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE desulfurization

IFR REACTOR

UF ibr-1 reactor
 *BT1 fast reactors
 *BT1 zero power reactors

ifve

INIS: 1984-06-21; ETDE: 2002-06-13
Inst. Fiziki Vysokikh Ehnergij.
 USE ihep

IGCAR

INIS: 1989-02-24; ETDE: 1989-03-20
Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamilnadu, India.
 UF kalpakkam reactor research center
 UF rrc, kalpakkam
 *BT1 indian organizations

IGNALINA-1 REACTOR

INIS: 1997-09-16; ETDE: 1996-02-12
Permanent shutdown since 2004.
 (Until February 1996 this descriptor was spelled IGNALINSK-1 REACTOR.)
 UF ignalinsk-1 reactor
 UF rbmk-1500 reactor
 *BT1 enriched uranium reactors
 *BT1 lwgr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

IGNALINA-2 REACTOR

INIS: 1997-09-16; ETDE: 1996-02-12
Permanent shutdown since 2009.
 (Until February 1996 this descriptor was spelled IGNALINSK-2 REACTOR.)
 UF ignalinsk-2 reactor
 *BT1 enriched uranium reactors
 *BT1 lwgr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

ignalinsk-1 reactor

INIS: 1997-01-28; ETDE: 1984-09-20
 (Until February 1996 this was a valid descriptor.)
 USE ignalina-1 reactor

ignalinsk-2 reactor

INIS: 1997-01-28; ETDE: 1984-09-20
 (Until February 1996 this was a valid descriptor.)
 USE ignalina-2 reactor

IGNEOUS ROCKS

UF crystalline rocks
 BT1 rocks
 NT1 caldasite
 NT1 lava
 NT1 plutonic rocks
 NT2 diorites
 NT2 gabbros
 NT3 anorthosites
 NT2 granites
 NT3 aplites
 NT3 granodiorites
 NT3 quartz monzonite
 NT2 pegmatites
 NT2 peridotites
 NT3 kimberlites
 NT2 syenites
 NT1 volcanic rocks
 NT2 andesites
 NT2 basalt
 NT3 diabases
 NT2 lamprophyres
 NT3 kimberlites
 NT2 nepheline basalts
 NT2 perlite
 NT2 rhyolites
 NT2 trachytes
 NT2 tuff
 RT basement rock
 RT magma
 RT magmatism

IGNITION

INIS: 1992-09-07; ETDE: 1975-08-19

- NT1 autoignition
- RT combustion
- RT combustion waves
- RT detonation waves
- RT flames
- RT flammability
- RT ignition systems

ignition (thermonuclear)

- USE thermonuclear ignition

IGNITION QUALITY

2000-04-12

- RT antiknock ratings
- RT combustion

IGNITION SPHERICAL TORUS

INIS: 1999-03-02; ETDE: 1987-04-08

Small aspect ratio device retaining only indispensable components along the major axis of a tokamak plasma, such as a cooled, normal conductor producing a toroidal magnetic field.

- *BT1 tokamak devices
- RT compact torus

IGNITION SYSTEMS

INIS: 1984-07-20; ETDE: 1976-05-17

Not for THERMONUCLEAR IGNITION.

- RT automobiles
- RT combustion
- RT combustors
- RT ignition
- RT internal combustion engines

IGNITRONS

- *BT1 gas discharge tubes
- *BT1 rectifier tubes

IGR REACTOR

INIS: 2003-11-26; ETDE: 2003-12-03

National Nuclear Center of the Republic of Kazakhstan, Kurchatov city, East Kazakhstan.

- UF experimental graphite reactor
- UF impulse graphite reactor
- UF kazakhstan igr reactor
- UF pulsed graphite reactor
- *BT1 enriched uranium reactors
- *BT1 experimental reactors
- *BT1 graphite moderated reactors
- *BT1 materials testing reactors
- *BT1 pulsed reactors
- *BT1 tank type reactors
- *BT1 thermal reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

igt biothermal gasification

INIS: 2000-04-12; ETDE: 1981-12-14

- USE biothermgas process

igt dehydrodesulfurization process

INIS: 2000-04-12; ETDE: 1980-09-04

Fine crushed coal is first treated in a fluidized bed reactor with air at 400 C and then with hydrogen at 800 C; atmospheric pressure in both reactors.

(Prior to March 1994, this was a valid ETDE descriptor.)

- USE desulfurization

igt hydrogasification process

2000-04-12

- USE hygas process

igt waste process

INIS: 2000-04-12; ETDE: 1975-10-28

- USE biogas process

igy

- USE international geophysical year

IHEP

INIS: 1975-10-09; ETDE: 1975-12-16

Institute for High Energy Physics, Protvino, Russian Federation.

- UF ifve
- UF inst fiziki vysokikh ehnergij
- UF institute for high energy physics
- *BT1 nrc kurchatov institute
- RT serpukhov synchrotron

IHNI-1 REACTOR

2018-06-04

Beijing, Fangshang district, China.

- UF in-hospital neutron irradiator
- *BT1 pool type reactors
- *BT1 reactor neutron source facilities
- *BT1 research reactors

iisnr reactor

- USE thetis reactor

IKATA-2 REACTOR

INIS: 1985-11-16; ETDE: 1985-12-11

Shikoku Electric Power Co., Ikata, Ehime, Japan.

- *BT1 pwr type reactors

IKATA-3 REACTOR

INIS: 1989-10-27; ETDE: 1989-11-21

Shikoku Electric Power Co., Ikata, Ehime, Japan.

- *BT1 pwr type reactors

IKATA REACTOR

Shikoku Electric Power Co., Ikata, Ehime, Japan. Permanent shutdown since 2016.

- *BT1 pwr type reactors

IKO

INIS: 1978-07-31; ETDE: 1978-09-11

- UF inst v kernph onder amsterdam
- UF nuclear physics research institute amsterdam
- *BT1 netherlands organizations

IKO SYNCHROCYCLOTRON

IKO - Nuclear Physics Research Institute, Amsterdam.

- *BT1 synchrocyclotrons

ilc

2015-10-02

- USE international linear collider

ileum

- USE small intestine

ILL HIGH FLUX REACTOR

2018-08-16

Institut Laue-Langevin, Grenoble, France.

- *BT1 enriched uranium reactors
- *BT1 heavy water cooled reactors
- *BT1 heavy water moderated reactors
- *BT1 isotope production reactors
- *BT1 research reactors
- *BT1 training reactors

illiac computers

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE computers

illinium

- USE promethium

ILLINOIS

1995-01-27

- *BT1 usa
- NT1 chicago
- RT anl

- RT chattanooga formation
- RT fermilab
- RT illinois basin
- RT mississippi river
- RT ohio river

ILLINOIS BASIN

INIS: 1992-06-12; ETDE: 1980-07-09

The geographic area that includes all of the coal reserves of Illinois, Indiana, and the western part of Kentucky.

- RT coal deposits
- RT illinois
- RT indiana
- RT kentucky

illinois university triga-mk-2 reactor

INIS: 1993-11-08; ETDE: 2002-06-13

- USE triga-2-illinois reactor

ILLITE

A general term for the clay-mineral constituent of argillaceous sediments belonging to the mica group.

- *BT1 clays

ILLIUM

2000-04-12

- *BT1 chromium alloys
- *BT1 copper alloys
- *BT1 molybdenum alloys
- *BT1 nickel base alloys

ILLUMINANCE

INIS: 1986-07-09; ETDE: 1981-10-24

Density of luminous flux on a surface.

- UF illumination
- UF luminous flux density
- RT albedo
- RT brightness
- RT daylighting
- RT lighting requirements
- RT lighting systems
- RT optics

illumination

INIS: 1986-07-09; ETDE: 1981-10-24

- USE illuminance

illumination systems

2000-04-12

- USE lighting systems

ILMENITE

An iron-black, opaque, rhombohedral mineral.

- *BT1 oxide minerals
- RT iron oxides
- RT titanium oxides

ilmr

INIS: 1987-03-24; ETDE: 1987-11-24

International Laboratory of Marine Radioactivity, Monaco.

(Prior to June 2004 this was a valid descriptor.)

- USE monaco marine environment laboratory

ILO

- UF international labour organisation
- BT1 international organizations
- RT united nations
- RT work

ILVAITE

INIS: 1978-02-23; ETDE: 1978-04-28

- *BT1 silicate minerals
- RT calcium silicates
- RT iron silicates

IMAGE CONVERTERS

- UF converters (image)
- BT1 image tubes
- RT image intensifiers
- RT image processing

IMAGE INTENSIFIERS

- UF intensifiers (image)
- RT fluoroscopy
- RT image converters
- RT image processing
- RT radiation protection

IMAGE PROCESSING

INIS: 2000-02-01; ETDE: 1977-06-02
Procedure for restoring or enhancing images, often by computer.

- UF processing (images)
- BT1 processing
- RT cat scanning
- RT computerized tomography
- RT data processing
- RT digital filters
- RT ecac scanning
- RT fiducial markers
- RT image converters
- RT image intensifiers
- RT image scanners
- RT images
- RT photocopying
- RT photography
- RT radioisotope scanners
- RT video tapes

IMAGE SCANNERS

- UF optical scanners
- UF scanners (image)
- UF scanners (optical)
- RT computerized tomography
- RT data processing
- RT digitizers
- RT electronic equipment
- RT image processing
- RT particle tracks
- RT pattern recognition
- RT photographic films
- RT photon computed tomography
- RT proton computed tomography
- RT radioisotope scanners
- RT sequential scanning

IMAGE STORAGE TUBES

- UF storage tubes
- BT1 image tubes

IMAGE TUBES

- NT1 camera tubes
- NT2 vidicons
- NT1 image converters
- NT1 image storage tubes
- RT cathode ray tubes
- RT display devices
- RT electron tubes
- RT images
- RT pattern recognition
- RT photoelectric cells

IMAGES

- UF autoradiographs
- UF photographs
- UF radiographs
- RT display devices
- RT image processing
- RT image tubes
- RT nuclear emulsions
- RT pattern recognition
- RT photographic films
- RT radioisotope scanners
- RT scintiscanning
- RT video tapes

imatran voima-1 reactor

INIS: 1976-08-13; ETDE: 2000-02-10
 USE loviisa-1 reactor

imatran voima-2 reactor

INIS: 1976-08-13; ETDE: 2000-02-10
 USE loviisa-2 reactor

imatran voima power reactor

INIS: 2000-04-12; ETDE: 2002-06-13
 USE loviisa-1 reactor

imco

International Maritime Consultative Organization.

(Prior to July 2001, this was a valid descriptor.)
 USE imo

IMIDAZOLES

1996-10-22
Compounds that contain a five-membered heterocyclic ring containing nitrogen atoms in the 1 and 3 positions.

- UF cmni
- UF parabanic acid
- *BT1 azoles
- NT1 allantoin
- NT1 benzimidazoles
- NT1 biotin
- NT1 creatinine
- NT1 histamine
- NT1 histidine
- NT1 hydantoins
- NT1 metronidazole
- NT1 misonidazole
- NT1 urocanic acid

IMIDES

- *BT1 organic nitrogen compounds
- NT1 nem
- RT dicarboxylic acids

imidines

1996-07-18
 (Until July 1996 this was a valid descriptor.)
 USE organic nitrogen compounds

IMINES

1996-01-24
For aldehyde and ketone derivatives only, i.e., for compounds containing the =N- group; for those containing the -NH- group, see ORGANIC NITROGEN COMPOUNDS or appropriate specific descriptors listed thereunder.

- *BT1 organic nitrogen compounds
- NT1 creatinine
- NT1 schiff bases
- RT aldehydes
- RT guanidines
- RT ketones

iminoamides

USE amidines

iminourea

USE guanidines

IMIPRAMINE

- *BT1 amines
- *BT1 antidepressants
- *BT1 heterocyclic compounds
- *BT1 organic nitrogen compounds

immediate radiation effects

USE early radiation effects

immobilization (wastes)

INIS: 1990-12-06; ETDE: 1983-11-09
 (Prior to December 1990, this was a valid descriptor.)
 SEE solidification
 SEE vitrification

IMMOBILIZED CELLS

INIS: 1999-03-01; ETDE: 1980-09-22
Microbial cells which have been entrained on gels.
 SF cells (immobilized)
 RT biotechnology
 RT immobilized enzymes
 RT microorganisms

IMMOBILIZED ENZYMES

INIS: 2000-04-12; ETDE: 1980-01-24
Stable, reuseable enzymes obtained by immobilizing naturally occurring enzymes onto solid supports by means of various chemical techniques.
 RT enzymes
 RT immobilized cells

IMMUNE REACTIONS

Limited to immune reactions to foreign antigens in vivo.
 RT aids virus
 RT antigen-antibody reactions
 RT immunity
 RT phagocytosis
 RT toxoids

immune sera

USE immune serums

IMMUNE SERUMS

- UF antiserum
- UF immune sera
- UF serum (immune)
- RT antibodies
- RT blood serum
- RT inoculation

IMMUNE SYSTEM DISEASES

INIS: 1991-07-02; ETDE: 1988-06-27
 BT1 diseases
 NT1 aids
 NT1 leukemia
 NT2 myeloid leukemia
 NT1 leukopenia
 NT2 lymphopenia
 NT1 lupus
 NT1 lymphomas
 NT2 hodgkins disease
 NT2 lymphosarcomas
 RT allergy
 RT asthma
 RT complement
 RT histocompatibility complex
 RT leukopoiesis
 RT lymph nodes
 RT lymphocytes
 RT reticuloendothelial system
 RT spleen
 RT thymus

immune tolerance

USE immunity

IMMUNITY

1996-07-23
 UF c-reactive protein
 UF compatibility (immunological)
 UF immune tolerance
 RT aids
 RT aids virus
 RT allergy
 RT anaphylaxis
 RT antibodies

RT antibody formation
 RT antigen-antibody reactions
 RT antigens
 RT chimeras
 RT disease resistance
 RT graft-host reaction
 RT hemolysis
 RT immune reactions
 RT immunoglobulins
 RT immunology
 RT immunosuppression
 RT inoculation
 RT interferon
 RT lymphocytes
 RT lymphokines
 RT natural killer cells
 RT preventive medicine
 RT radioimmunology
 RT receptors
 RT thymectomy
 RT toxoids
 RT transplants
 RT vaccines

IMMUNOASSAY

INIS: 1999-03-26; ETDE: 1987-04-08

BT1 bioassay
 NT1 enzyme immunoassay
 NT1 radioimmunoassay

IMMUNOGLOBULINS

*BT1 globulins
 RT gene amplification
 RT immunity

IMMUNOLOGY

NT1 radioimmunology
 RT immunity
 RT mitogens

IMMUNOSUPPRESSION

RT antimetabolic drugs
 RT cyclosporine
 RT endoxan
 RT glucocorticoids
 RT histocompatibility complex
 RT immunity
 RT immunosuppressive drugs
 RT transplants

IMMUNOSUPPRESSIVE DRUGS

1992-07-16

BT1 drugs
 NT1 cyclosporine
 NT1 endoxan
 RT immunosuppression
 RT immunotherapy

IMMUNOTHERAPY

INIS: 1981-05-11; ETDE: 1978-06-14

*BT1 therapy
 NT1 radioimmunotherapy
 RT corynebacterium parvum
 RT immunosuppressive drugs

IMO

2001-07-17

UF imco
 UF inter-governmental maritime consultative organization
 UF international maritime consultative organization
 UF international maritime organization
 BT1 international organizations
 RT united nations

IMP DEVICE

*BT1 magnetic mirrors

IMP SATELLITES

BT1 satellites

IMPACT FUSION

INIS: 1981-06-19; ETDE: 1979-10-23

Achieved by the acceleration of a DT-bearing projectile and subsequent impact with a stationary target or a similarly accelerated projectile.

*BT1 thermonuclear reactions
 RT inertial confinement
 RT magnetic gradient accelerators
 RT railgun accelerators

IMPACT FUSION DRIVERS

INIS: 1995-07-21; ETDE: 1980-01-15

Macroparticle accelerators to be used in inertial confinement fusion.

BT1 inertial fusion drivers
 NT1 magnetic gradient accelerators
 RT accelerators
 RT plasma guns
 RT railgun accelerators

IMPACT PARAMETER

RT nuclear reactions
 RT peripheral collisions
 RT scattering

IMPACT SHOCK

UF shock (impact)
 RT damage
 RT failures
 RT impact strength
 RT missile protection
 RT potting
 RT shock absorbers
 RT shock waves
 RT water hammer

IMPACT STRENGTH

UF strength (impact)
 BT1 mechanical properties
 RT impact shock
 RT impact tests

IMPACT TESTS

*BT1 mechanical tests
 NT1 charpy test
 RT destructive testing
 RT impact strength
 RT notches

IMPEDANCE

NT1 electric impedance
 NT1 mechanical impedance

imperfections

USE defects

IMPERIAL VALLEY

1997-06-19

BT1 valleys
 RT california
 RT east mesa geothermal field
 RT geothermal fields
 RT salton sea
 RT watersheds

impermeable dry rock

2000-04-12

USE hot-dry-rock systems

IMPINGEMENT

1996-05-23

(Until May 1996 this concept was indexed to FOULING and SCREENS.)

RT entrainment
 RT fouling
 RT intake structures
 RT screens

implanted sources

INIS: 2000-04-12; ETDE: 1978-05-01

USE radiation source implants

IMPLANTS

INIS: 1981-11-27; ETDE: 1978-07-05

For emplacement of materials into organisms; not for ION IMPLANTATION, CRYSTAL DOPING, etc.

NT1 radiation source implants
 RT injection

IMPLEMENTATION

INIS: 1985-03-19; ETDE: 1976-10-13

Provision of instruments or means of accomplishing or carrying out plans, orders, laws, etc.

RT administrative procedures
 RT agreements
 RT enforcement
 RT feasibility studies
 RT government policies
 RT legislation
 RT planning
 RT recommendations
 RT regulations

IMPLOSIONS

NT1 laser implosions
 NT2 direct drive laser implosion
 NT2 indirect drive laser implosion
 RT explosions
 RT linus reactors
 RT shock waves

import taxes

INIS: 2000-04-12; ETDE: 1978-06-14
 USE tariffs

importance function (neutron)

USE neutron importance function

IMPORTS

INIS: 1992-02-23; ETDE: 1978-06-14
Goods or services brought from another country.

(Until February 1992 this concept was indexed by TRADE.)

BT1 trade
 RT domestic supplies
 RT exports
 RT foreign policy
 RT oil-importing countries
 RT sales
 RT tariffs

IMPREGNATION

The infusion or permeation of one substance into another.

RT adsorption

improvement ratio

INIS: 2000-04-12; ETDE: 1983-01-21
 USE formation damage

impulse

2000-04-12
 USE pulses

impulse (linear momentum)

INIS: 1983-02-03; ETDE: 2002-06-13
 USE linear momentum

impulse (pulses)

INIS: 1983-02-03; ETDE: 2002-06-13
 USE pulses

IMPULSE APPROXIMATION

*BT1 approximations
 RT bound state
 RT coupling
 RT scattering

impulse graphite reactor

INIS: 2003-11-26; ETDE: 2003-12-03
Kurchatov city, East Kazakhstan.
USE igr reactor

IMPURITIES

Unwanted constituents only, not for metal and nonmetal additions, or for the concepts covered by TRACE AMOUNTS and INTERFERING ELEMENTS.

UF purity
NT1 plasma impurities
RT activation analysis
RT contamination
RT inclusions
RT interfering elements
RT jesse effect
RT microanalysis
RT plasma
RT purification
RT segregation
RT substoichiometry
RT trace amounts

impurity study experimental tokamak

INIS: 1993-11-08; ETDE: 2002-06-13
USE isx tokamak

ims

INIS: 1977-04-07; ETDE: 1977-10-19
USE international magnetospheric study

IMS STELLARATOR

INIS: 1990-12-15; ETDE: 1991-08-20
Interchangeable Module Stellarator at University of Wisconsin, Madison, Wisconsin, USA.
*BT1 stellarators

in 519

INIS: 2000-04-12; ETDE: 1979-08-09
(Prior to March 1997 ALLOY-IN-519 was used for this concept in ETDE.)
USE chromium alloys
USE iron base alloys
USE nickel alloys
USE niobium alloys

IN-BEAM SPECTROSCOPY

INIS: 1977-06-13; ETDE: 1977-10-20
BT1 spectroscopy

in-core fuel management

USE fuel management

IN CORE INSTRUMENTS

See also specific instruments plus FUEL ASSEMBLIES or REACTOR CORES.

BT1 reactor instrumentation
NT1 noise thermometers
RT acoustic monitoring
RT in-service inspection
RT positioning
RT reactor cores
RT temperature monitoring

in-core thermionic reactor

2000-04-12
USE beryllium moderated reactors
USE enriched uranium reactors
USE thermionic reactors
USE zero power reactors

IN-COUNTRY DETECTION

INIS: 2000-04-12; ETDE: 1987-04-08
That part of the test ban verification process in which seismic data are collected from locations within the country.
*BT1 seismic detection
RT nuclear explosion detection
RT nuclear explosions

RT on-site inspection
RT underground explosions

in-hospital neutron irradiator

2018-06-04
USE ihni-1 reactor

IN PILE LOOPS

UF loops (in pile)
*BT1 reactor experimental facilities
RT experimental channels
RT irradiation capsules

IN-SERVICE INSPECTION

INIS: 1977-06-13; ETDE: 1977-04-12
BT1 inspection
RT in core instruments
RT nondestructive testing
RT reactor maintenance

IN-SITU COMBUSTION

INIS: 2000-04-12; ETDE: 1976-05-17
Air is injected into a well ignition is caused to occur at the input well, and a combustion zone is propagated within the reservoir rock to nearby producing wells.

UF fire flooding
*BT1 combustion
*BT1 in-situ processing
RT in-situ gasification
RT in-situ retorting
RT reverse combustion
RT thermal recovery

IN-SITU GASIFICATION

2000-04-12
UF holzheimer process
UF underground gasification
*BT1 gasification
*BT1 in-situ processing
RT coal gasification
RT electrolinking
RT in-situ combustion

IN-SITU HYBRIDIZATION

1996-05-03
*BT1 nucleic acid hybridization
RT chromosomes
RT dna
RT dna hybridization
RT genes
RT genetic mapping
RT ma

IN-SITU LIQUEFACTION

2000-04-12
*BT1 in-situ processing
*BT1 liquefaction

IN-SITU PROCESSING

2000-02-01
BT1 processing
NT1 in-situ combustion
NT1 in-situ gasification
NT1 in-situ liquefaction
NT1 in-situ retorting
NT1 solution mining
RT leachates
RT leaching
RT modified in-situ processes
RT oil shales
RT ore processing
RT retorting
RT underground explosions

IN-SITU RETORTING

2000-04-12
UF ljunstrom process
*BT1 in-situ processing
*BT1 retorting
RT in-situ combustion
RT oil shales

RT rise

in utero irradiation

USE prenatal irradiation

IN-VESSEL HEAT EXCHANGERS

BT1 heat exchangers

IN VITRO

As opposite to in vivo.
RT cell cultures
RT clone cells
RT culture media
RT hela cells
RT homogenates
RT l cells
RT tissue cultures

IN VIVO

To be used only to differentiate from in vitro studies at the cellular or tissue level.

RT animal tissues
RT cell division
RT cell proliferation
RT organs
RT plant cells
RT tumor cells

INACTIVATION

RT inhibition
RT preservation
RT sterilization

incandescent lamps

INIS: 2000-04-12; ETDE: 1986-07-08
USE light bulbs

incentives

INIS: 2000-04-12; ETDE: 1979-08-07
(From August 1979 to March 1997 LEGAL INCENTIVES was a valid ETDE descriptor.)
SEE financial incentives

INCIDENCE ANGLE

INIS: 1984-04-04; ETDE: 1980-01-24
Use only when the incidence angle is a significant parameter.

UF angle (incidence)
UF angle of incidence
RT angular distribution
RT inclination
RT optics
RT orientation
RT reflection
RT refraction
RT scattering

incidents

USE accidents

incineration

INIS: 2000-04-12; ETDE: 1982-03-11
USE combustion

INCINERATORS

UF kiln incinerators
NT1 waste incinerators
NT1 waterwall incinerators
RT burners
RT combustion
RT furnaces

INCLINATION

Angle between the velocity vector of a charged particle and the magnetic field in which the particle moves.

UF angle of inclination
UF pitch angle
RT geomagnetic field
RT incidence angle
RT tilt mechanisms

INCLINED STRATA

INIS: 1992-07-21; ETDE: 1980-03-29

- *BT1 geologic strata
- RT coal seams
- RT geologic deposits

INCLINOMETERS

2017-03-23

Instrument for measuring angles of slope, elevation or depression of an object with respect to gravity.

- UF tilt meters
- *BT1 meters

inclusion complexes

- USE clathrates

INCLUSIONS

- RT castings
- RT crystal defects
- RT impurities
- RT ion implantation
- RT microstructure
- RT trace amounts

inclusive distribution

- USE distribution
- USE inclusive interactions

INCLUSIVE INTERACTIONS

The group of all interactions of two particles producing a specific final state.

- UF inclusive distribution
- *BT1 particle interactions
- NT1 semi-inclusive interactions
- RT exclusive interactions
- RT limiting fragmentation
- RT nuclear fireball model

INCOHERENT PRODUCTION

- *BT1 particle interactions
- BT1 particle production
- RT coherent tube model

INCOHERENT SCATTERING

- BT1 scattering
- RT diffuse scattering
- RT inelastic scattering

INCOLOY 800

1993-10-03

- UF alloy 800
- *BT1 alloy-fe46ni33cr21

INCOLOY 800H

INIS: 1993-10-03; ETDE: 1982-02-23

- UF alloy 800h
- UF alloy-800h (incoloy)
- *BT1 alloy-fe44ni33cr21

INCOLOY 802

INIS: 1993-10-03; ETDE: 1979-08-09

- UF alloy-802 (incoloy)
- *BT1 alloy-fe46ni33cr21

INCOLOY 825

INIS: 1993-10-03; ETDE: 1980-09-22

- UF alloy-825 (incoloy)
- *BT1 alloy-ni43fe30cr22mo3

INCOLOY 901

1993-10-03

- UF alloy-901 (incoloy)
- *BT1 aluminium additions
- *BT1 boron additions
- *BT1 chromium alloys
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 incoloy alloys
- *BT1 iron alloys
- *BT1 molybdenum alloys
- *BT1 nickel base alloys

*BT1 titanium alloys

INCOLOY ALLOYS

- UF alloy-ni42fe36cr12mo6ti3
- BT1 alloys
- NT1 alloy-fe44ni33cr21
- NT2 incoloy 800h
- NT1 alloy-fe46ni33cr21
- NT2 incoloy 800
- NT2 incoloy 802
- NT1 alloy-ni43fe30cr22mo3
- NT2 incoloy 825
- NT1 incoloy 901

INCOME

1999-12-07

- UF disposable income
- NT1 royalties
- RT charges
- RT economics
- RT high income groups
- RT income distribution
- RT inflation
- RT low income groups
- RT prices
- RT profits
- RT standard of living

INCOME DISTRIBUTION

INIS: 1999-12-07; ETDE: 1978-02-14

- RT economics
- RT high income groups
- RT income

INCOMPLETE FUSION REACTIONS

INIS: 1985-01-18; ETDE: 1984-07-10

- UF breakup fusion
- UF massive transfer reactions
- *BT1 heavy ion reactions
- RT compound-nucleus reactions
- RT deep inelastic heavy ion reactions
- RT heavy ion fusion reactions
- RT nuclear fragmentation
- RT precompound-nucleus emission
- RT transfer reactions

INCOMPRESSIBLE FLOW

- SF perfect flow
- BT1 fluid flow
- NT1 ideal flow
- RT navier-stokes equations

INCONEL 600

1993-10-03

- UF alloy-600 (inconel)
- *BT1 alloy-ni76cr15fe8

inconel 601

INIS: 1985-01-17; ETDE: 2002-06-13

- USE alloy-ni61cr23fe14

INCONEL 617

1993-10-03

- UF alloy-617 (inconel)
- *BT1 alloy-ni54cr22co13mo9

INCONEL 625

1993-10-03

- UF alloy-625 (inconel)
- *BT1 alloy-ni61cr22mo9nb4fe3

inconel 643

INIS: 2000-04-12; ETDE: 1979-05-25

(Prior to August 1996 this was a valid ETDE descriptor.)

- USE inconel alloys

INCONEL 671

INIS: 1993-10-03; ETDE: 1977-03-04

- UF alloy-671 (inconel)
- *BT1 alloy-ni51cr48

INCONEL 690

INIS: 1993-10-03; ETDE: 1980-09-22

- UF alloy-690 (inconel)
- *BT1 alloy-ni59cr30fe9

INCONEL 700

INIS: 1996-07-17; ETDE: 1979-05-25

- *BT1 inconel alloys

inconel 702

1997-01-28

(Until October 1996 this was a valid descriptor.)

- USE aluminium alloys
- USE chromium alloys
- USE inconel alloys

INCONEL 706

1993-10-03

- UF alloy-706 (inconel)
- *BT1 alloy-ni41fe40cr16nb3

INCONEL 713C

1993-10-03

- *BT1 alloy-ni74cr13al6mo4

INCONEL 713LC

INIS: 1993-10-03; ETDE: 1978-12-20

- UF alloy-713-lc
- UF alloy-713lc (inconel)
- *BT1 alloy-ni75cr12al6mo5

INCONEL 718

1993-10-03

- *BT1 alloy-ni53cr19fe19nb5mo3

INCONEL 738

INIS: 2000-02-14; ETDE: 1978-12-20

- *BT1 inconel alloys

INCONEL 739

INIS: 2000-04-12; ETDE: 1979-09-06

- *BT1 inconel alloys

INCONEL 82

1993-10-03

- UF alloy-82 (inconel)
- *BT1 alloy-ni73cr20mn3nb3

INCONEL ALLOYS

1996-11-13

(From 1979 till August 1996 ALLOY-IN-643 and INCONEL 643 were valid ETDE descriptors.)

- UF alloy-in-643
- UF alloy-ni47cr25co12w9fe3
- UF alloy-ni48co28cr15al3mo3ti2
- UF alloy-ni78cr16al4
- UF inconel 643
- UF inconel 702
- *BT1 nickel base alloys
- NT1 alloy-ni41fe40cr16nb3
- NT2 inconel 706
- NT1 alloy-ni46cr23co19ti5al4
- NT2 alloy-in-939
- NT1 alloy-ni51cr48
- NT2 inconel 671
- NT1 alloy-ni53cr19fe19nb5mo3
- NT2 inconel 718
- NT1 alloy-ni54cr22co13mo9
- NT2 inconel 617
- NT1 alloy-ni59cr30fe9
- NT2 inconel 690
- NT1 alloy-ni60co15cr10al6ti5mo3
- NT2 alloy-in-100
- NT1 alloy-ni61cr16co9al3ti3w3
- NT2 alloy-in-738
- NT1 alloy-ni61cr22mo9nb4fe3
- NT2 inconel 625
- NT1 alloy-ni61cr23fe14
- NT1 alloy-ni73cr15fe7ti3
- NT2 inconel x750

NT1 alloy-ni73cr20mn3nb3
NT2 inconel 82
NT1 alloy-ni74cr13al6mo4
NT2 inconel 713c
NT1 alloy-ni75cr12al6mo5
NT2 inconel 713lc
NT1 alloy-ni76cr15fe8
NT2 inconel 600
NT1 inconel 700
NT1 inconel 738
NT1 inconel 739
RT alloy-ni70mo17cr7fe5
RT inor-8
RT nimonic

inconel ma 753

2000-04-12
 USE alloy-in-853

INCONEL X750

1993-10-03
UF alloy-x750 (inconel)
***BT1** alloy-ni73cr15fe7ti3

incorporation (biological)

INIS: 1983-02-03; ETDE: 1983-03-07
 USE uptake

increasing

INIS: 2000-04-12; ETDE: 1979-07-18
 USE augmentation

INCREMENTAL-COST PRICING

INIS: 2000-04-12; ETDE: 1978-12-11
Charges based on cost of attracting new supplies to replace the dwindling flow from conventional sources.
BT1 prices
RT marginal-cost pricing

INCUBATION

RT heating
RT infectious diseases
RT latency period
RT quarantine
RT time dependence

INDAN

INIS: 2000-04-12; ETDE: 1976-10-13
UF indane
***BT1** aromatics

indane

2017-04-21
 USE indan

INDAZOLES

***BT1** pyrazoles

indc

INIS: 1976-07-16; ETDE: 2002-06-13
 USE international nuclear data committee

INDEMNIFICATION AGREEMENTS

INIS: 1976-12-08; ETDE: 1994-08-10
Agreements whereby the State undertakes to compensate for nuclear damage involving the civil liability of the nuclear operator.
BT1 agreements
RT liabilities
RT workmens compensation

INDENE

***BT1** polycyclic aromatic hydrocarbons

INDENTATION TESTING

2017-04-24
Means of testing the mechanical properties of materials.
***BT1** materials testing
RT hardness

independent-particle model

USE single-particle model

index of refraction

INIS: 1982-12-07; ETDE: 2002-06-13
 USE refractive index

INDEXES

Should be used to index all pieces of literature which are indexes.

BT1 document types
RT directories
RT information retrieval

INDIA

BT1 asia
BT1 developing countries
RT brahmaputra river
RT ganga river

india ink

1996-07-18
 (Until July 1996 this was a valid descriptor.)
 USE inks
 USE pigments

INDIAN OCEAN

1997-06-19
***BT1** seas
NT1 arabian sea
NT2 persian gulf
NT3 strait of hormuz
NT1 timor sea
RT madagascar
RT maldives
RT mauritius
RT reunion island
RT southern oscillation
RT sri lanka
RT tasmania

INDIAN ORGANIZATIONS

Not to be used for American Indian Organizations.
BT1 national organizations
NT1 barc
NT1 igcar

INDIAN POINT-1 REACTOR

Consolidated Edison Co., Buchanan, New York, USA. Shut down in 1974.
UF consolidated edison thorium reactor
***BT1** pwr type reactors

INDIAN POINT-2 REACTOR

Entergy Nuclear IP2 LLC, Buchanan, New York, USA.
***BT1** pwr type reactors

INDIAN POINT-3 REACTOR

Entergy Nuclear Operations, Inc., Buchanan, New York, USA.
***BT1** pwr type reactors

indian reservations

INIS: 2000-04-12; ETDE: 1979-01-30
 (Prior to March 1997 this was a valid ETDE descriptor.)
 SEE american indians

INDIANA

***BT1** usa
RT illinois basin
RT ohio river

indiana university cyclotron

INIS: 1979-04-27; ETDE: 1979-05-25
 USE iu cyclotron

indians (american)

INIS: 2000-04-12; ETDE: 1978-11-14
 USE american indians

indicator species

INIS: 2000-04-12; ETDE: 1976-03-22
 USE biological indicators

INDICATORS

1996-10-23
UF congo red
UF erioglaucine
UF neutral red
UF tolulene red
SF chemicals
NT1 bromosulfophthalein
NT1 eosin
NT1 indocyanine green
NT1 methyl orange
NT1 methyl red
NT1 methylthymol blue
NT1 phenolphthalein
NT1 pyrocatechol violet
NT1 rose bengal
NT1 xlenol orange

INDIGENOUS PEOPLES

2008-05-23
***BT1** human populations
NT1 american indians
NT1 eskimos
NT1 sami people

INDIGO

INIS: 2000-04-12; ETDE: 1983-01-21
UF indigo red
BT1 dyes
***BT1** indoles

indigo red

INIS: 2000-04-12; ETDE: 1983-01-21
 USE indigo

INDIRECT DRIVE ICF

1999-09-15
Inertial confinement fusion in which the driver energy is converted into x-rays before being absorbed by the target capsule.
RT indirect drive laser implosion
RT inertial confinement

INDIRECT DRIVE LASER IMPLOSION

INIS: 1995-07-21; ETDE: 1992-06-11
Laser implosion where the driver energy is converted into x-rays before being absorbed by the target capsule.
***BT1** laser implosions
RT direct drive laser implosion
RT indirect drive icf
RT inertial fusion drivers
RT laser fusion reactors
RT laser-produced plasma
RT laser-radiation heating
RT laser targets
RT pulsed fusion reactors

INDIUM

***BT1** metals

INDIUM 100

1982-06-09
***BT1** beta-plus decay radioisotopes
***BT1** indium isotopes
***BT1** intermediate mass nuclei
***BT1** odd-odd nuclei

INDIUM 101

INIS: 1988-06-22; ETDE: 1988-07-15
***BT1** indium isotopes
***BT1** intermediate mass nuclei
***BT1** odd-even nuclei
***BT1** seconds living radioisotopes

- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

INDIUM 129

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

INDIUM 130

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

INDIUM 131

INIS: 1976-07-30; ETDE: 1976-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

INDIUM 132

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

INDIUM 133

2002-06-11

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

INDIUM 134

2002-06-11

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

INDIUM 135

2002-06-11

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

INDIUM 97

2007-11-01

- *BT1 electron capture radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

INDIUM 98

2007-11-01

- *BT1 electron capture radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

INDIUM 99

2007-11-01

- *BT1 electron capture radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

- *BT1 seconds living radioisotopes

INDIUM ADDITIONS

Alloys containing not more than 1% In are listed here.

- *BT1 indium alloys

INDIUM ALLOYS

Alloys containing more than 1% In.

- BT1 alloys
- NT1 indium additions
- NT1 indium base alloys

indium antimonide detectors

INIS: 1988-04-15; ETDE: 2002-06-13

- USE insb semiconductor detectors

INDIUM ANTIMONIDES

INIS: 1989-05-29; ETDE: 1989-06-21

- *BT1 antimonides
- BT1 indium compounds

INDIUM ARSENIDES

- *BT1 arsenides
- BT1 indium compounds

INDIUM BASE ALLOYS

- *BT1 indium alloys

INDIUM BORIDES

- *BT1 borides
- BT1 indium compounds

INDIUM BROMIDES

- *BT1 bromides
- *BT1 indium halides

INDIUM CARBIDES

1996-07-18

(From July 1996 to November 2007 INDIUM COMPOUNDS + CARBIDES was used for this concept.)

- *BT1 carbides
- BT1 indium compounds

INDIUM CHLORIDES

- *BT1 chlorides
- *BT1 indium halides

INDIUM COMPLEXES

- BT1 complexes

INDIUM COMPOUNDS

1997-06-17

- NT1 indium antimonides
- NT1 indium arsenides
- NT1 indium borides
- NT1 indium carbides
- NT1 indium halides
- NT2 indium bromides
- NT2 indium chlorides
- NT2 indium fluorides
- NT2 indium iodides
- NT1 indium hydrides
- NT1 indium hydroxides
- NT1 indium nitrates
- NT1 indium nitrides
- NT1 indium oxides
- NT1 indium perchlorates
- NT1 indium phosphates
- NT1 indium phosphides
- NT1 indium selenides
- NT1 indium silicates
- NT1 indium sulfates
- NT1 indium sulfides
- NT1 indium tellurides
- NT1 indium tungstates

INDIUM FLUORIDES

- *BT1 fluorides
- *BT1 indium halides

INDIUM HALIDES

2012-07-19

- *BT1 halides
- BT1 indium compounds
- NT1 indium bromides
- NT1 indium chlorides
- NT1 indium fluorides
- NT1 indium iodides

INDIUM HYDRIDES

- *BT1 hydrides
- BT1 indium compounds

INDIUM HYDROXIDES

- *BT1 hydroxides
- BT1 indium compounds

INDIUM IODIDES

- *BT1 indium halides
- *BT1 iodides

INDIUM IONS

- *BT1 ions

INDIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 indium 100
- NT1 indium 101
- NT1 indium 102
- NT1 indium 103
- NT1 indium 104
- NT1 indium 105
- NT1 indium 106
- NT1 indium 107
- NT1 indium 108
- NT1 indium 109
- NT1 indium 110
- NT1 indium 111
- NT1 indium 112
- NT1 indium 113
- NT1 indium 114
- NT1 indium 115
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- NT1 indium 117
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- NT1 indium 119
- NT1 indium 120
- NT1 indium 121
- NT1 indium 122
- NT1 indium 123
- NT1 indium 124
- NT1 indium 125
- NT1 indium 126
- NT1 indium 127
- NT1 indium 128
- NT1 indium 129
- NT1 indium 130
- NT1 indium 131
- NT1 indium 132
- NT1 indium 133
- NT1 indium 134
- NT1 indium 135
- NT1 indium 97
- NT1 indium 98
- NT1 indium 99

INDIUM NITRATES

- BT1 indium compounds
- *BT1 nitrates

INDIUM NITRIDES

- BT1 indium compounds
- *BT1 nitrides

INDIUM OXIDES

- BT1 indium compounds
- *BT1 oxides

INDIUM PERCHLORATES

INIS: 1978-09-28; ETDE: 1977-11-28

- BT1 indium compounds

*BT1 perchlorates

INDIUM PHOSPHATES

INIS: 1978-09-28; ETDE: 1978-10-19

BT1 indium compounds

*BT1 phosphates

INDIUM PHOSPHIDE SOLAR CELLS

INIS: 1992-05-28; ETDE: 1978-12-11

*BT1 solar cells

INDIUM PHOSPHIDES

BT1 indium compounds

*BT1 phosphides

INDIUM SELENIDE SOLAR CELLS

INIS: 1992-05-28; ETDE: 1981-07-18

*BT1 solar cells

INDIUM SELENIDES

1976-03-17

BT1 indium compounds

*BT1 selenides

INDIUM SILICATES

INIS: 1996-07-18; ETDE: 1975-09-11

(From July 1996 to November 2007 INDIUM COMPOUNDS + SILICATES was used for this concept.)

BT1 indium compounds

*BT1 silicates

INDIUM SULFATES

BT1 indium compounds

*BT1 sulfates

INDIUM SULFIDES

BT1 indium compounds

*BT1 sulfides

INDIUM TELLURIDES

BT1 indium compounds

*BT1 tellurides

INDIUM TUNGSTATES

INIS: 2000-04-12; ETDE: 1976-11-17

BT1 indium compounds

*BT1 tungstates

INDOCYANINE GREEN

INIS: 1975-10-29; ETDE: 1975-12-16

BT1 dyes

BT1 indicators

*BT1 indoles

*BT1 polycyclic aromatic hydrocarbons

*BT1 sulfonates

INDOLES

UF benzopyrroles

*BT1 azaarenes

*BT1 pyrroles

NT1 indigo

NT1 indocyanine green

NT1 lysergic acid

NT1 reserpine

NT1 strychnine

NT1 tryptamines

NT2 melatonin

NT2 serotonin

NT3 bufotenine

NT1 tryptophan

NT1 vinblastine

RT ergotamine

INDONESIA

1997-06-19

UF java (island)

BT1 asia

BT1 developing countries

BT1 islands

RT dieng geothermal field

RT kamojang geothermal field

RT opec

RT pacific ocean

RT timor sea

INDONESIAN ORGANIZATIONS

2004-03-31

BT1 national organizations

indonesian triga-mk-2 reactor

1997-01-28

USE triga-2-bandung reactor

INDOOR AIR CONTAMINATION

1994-02-28

For radioactive contamination only. For non-radioactive materials use INDOOR AIR POLLUTION.

BT1 contamination

RT indoors

INDOOR AIR POLLUTION

INIS: 1994-02-28; ETDE: 1978-09-13

For nonradioactive pollution only. For radioactive materials such as radon use INDOOR AIR CONTAMINATION.

*BT1 air pollution

RT indoors

INDOORS

2004-11-02

Only for documents where this concept is significant.

RT indoor air contamination

RT indoor air pollution

RT outdoors

INDUCED POLARIZATION LOGGING

INIS: 2000-04-12; ETDE: 1979-03-29

Exploration method involving measurement of the slow decay of voltage in the ground following the cessation of an excitation current pulse or low frequency variations of earth impedance.

*BT1 electric logging

RT electrical surveys

induced radioactivity

USE radioactivity

INDUCTANCE

1992-03-11

*BT1 electrical properties

RT capacitance

RT electric conductivity

INDUCTION

NT1 faraday induction

RT llnl advanced test accelerator

INDUCTION FURNACES

*BT1 electric furnaces

INDUCTION GENERATORS

INIS: 1992-02-23; ETDE: 1981-12-14

*BT1 electric generators

INDUCTION LOGGING

INIS: 1984-04-04; ETDE: 1976-06-07

UF magnetic induction logging

*BT1 electric logging

RT magnetic surveys

RT resistivity logging

INDUCTION WELDING

*BT1 welding

inductors

USE solenoids

INDUS-1

1994-06-13

450 MeV synchrotron radiation source at the Centre for Advanced Technology, Indore, India.

UF indus-i

BT1 storage rings

*BT1 synchrotron radiation sources

INDUS-2

1994-06-13

2 GeV synchrotron radiation source at the Centre for Advanced Technology, Indore, India.

UF indus-ii

BT1 storage rings

*BT1 synchrotron radiation sources

indus-i

INIS: 1994-06-13; ETDE: 1993-08-30

(Until June 1994 this was a valid descriptor.)

USE indus-1

indus-ii

INIS: 1994-06-13; ETDE: 1993-08-30

(Until June 1994 this was a valid descriptor.)

USE indus-2

INDUSTRIAL ACCIDENTS

BT1 accidents

INDUSTRIAL BUILDINGS

2007-07-27

BT1 buildings

RT industrial plants

RT industry

INDUSTRIAL MEDICINE

BT1 medicine

RT accidents

RT occupational diseases

RT occupational safety

RT personnel

RT radiation protection

RT working conditions

industrial parks

INIS: 2000-04-12; ETDE: 1979-09-26

Areas at a distance from a city center designed especially for communities of industries and businesses.

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE energy parks

SEE industry

INDUSTRIAL PLANTS

1996-07-18

UF manufacturing facilities

UF plants (industrial)

NT1 biomass conversion plants

NT1 chemical plants

NT2 gasoline plants

NT2 petrochemical plants

NT1 cimarron plutonium production plant

NT1 cimarron uranium fuel plant

NT1 coal gasification plants

NT1 coal liquefaction plants

NT1 coal preparation plants

NT1 coking plants

NT1 desalination plants

NT1 ethanol plants

NT1 feed materials plants

NT2 areva nc malvesi

NT2 feed materials production center

NT2 west valley uf6 facility

NT1 foundries

NT1 isotope separation plants

NT2 areva nc miramas

NT2 areva nc pierrelatte

NT2 centrifuge enrichment plants

- NT3 portsmouth centrifuge enrichment plant
- NT3 rokkasho uranium enrichment plant
- NT2 gaseous diffusion plants
- NT3 orgdp
- NT3 paducah plant
- NT3 portsmouth gaseous diffusion plant
- NT2 heavy water plants
- NT2 tritium extraction plants
- NT1 lng plants
- NT1 methanol plants
- NT1 natural gas processing plants
- NT1 oil sand processing plants
- NT1 oil shale processing plants
- NT2 anvil points research facility
- NT2 glen davis facility
- NT1 oxygen plants
- NT1 petroleum refineries
- NT1 sequoyah uf6 production plant
- NT1 sng plants
- NT1 synthetic fuels refineries
- NT1 waste processing plants
- NT2 resource recovery facilities
- NT2 waste incinerators
- NT2 waste oil refineries
- RT demonstration plants
- RT fuel fabrication plants
- RT industrial buildings
- RT industry
- RT modular structures
- RT pilot plants

INDUSTRIAL RADIOGRAPHY

1999-12-03

See also *BIOMEDICAL RADIOGRAPHY*.

- UF radiography (industrial)
- *BT1 nondestructive testing
- NT1 beta radiography
- NT1 gamma radiography
- NT2 gamma fuel scanning
- NT1 neutron radiography
- NT1 proton radiography
- NT1 x-ray radiography
- RT autoradiography
- RT inspection
- RT microradiography
- RT radiation attenuation testing
- RT radiological personnel
- RT tomography

industrial relations

INIS: 2000-04-12; ETDE: 1979-06-06

USE labor relations

industrial sector

INIS: 2000-04-12; ETDE: 1979-03-29

USE industry

INDUSTRIAL WASTES

INIS: 1975-11-07; ETDE: 1975-10-01

- UF municipal wastes (industrial)
- SF emissions (industrial)
- BT1 wastes
- NT1 spent liquors
- RT chemical effluents
- RT chemical wastes
- RT emissions tax
- RT emissions trading
- RT gaseous wastes
- RT liquid wastes
- RT organic wastes
- RT pollutants
- RT refuse derived fuels
- RT scrap
- RT scrap metals
- RT solid wastes

industrialized countries

INIS: 1982-12-03; ETDE: 1978-03-03

USE developed countries

INDUSTRY

(From September 1979 to March 1997 INDUSTRIAL PARKS was a valid ETDE descriptor.)

- UF industrial sector
- SF end use sector
- SF industrial parks
- NT1 aerospace industry
- NT1 automotive industry
- NT1 beverage industry
- NT1 cement industry
- NT1 ceramics industry
- NT1 chemical industry
- NT1 coal industry
- NT1 construction industry
- NT1 electric power industry
- NT1 fertilizer industry
- NT1 fishing industry
- NT1 food industry
- NT2 dairy industry
- NT2 meat industry
- NT1 furniture industry
- NT1 geothermal industry
- NT1 glass industry
- NT1 metal industry
- NT1 mineral industry
- NT1 natural gas industry
- NT2 lng industry
- NT1 nuclear industry
- NT1 oil sand industry
- NT1 oil shale industry
- NT1 petroleum industry
- NT2 lpg industry
- NT1 plastics industry
- NT1 printing and publishing industry
- NT1 rubber industry
- NT1 solar industry
- NT1 sugar industry
- NT1 synthetic fuels industry
- NT1 textile industry
- NT1 wind power industry
- NT1 wood products industry
- NT2 paper industry
- RT business
- RT by-products
- RT commercialization
- RT developing countries
- RT economic development
- RT fuel reprocessing plants
- RT horizontal integration
- RT hydrogen-based economy
- RT ifiec
- RT industrial buildings
- RT industrial plants
- RT joint ventures
- RT labor relations
- RT manufacturers
- RT manufacturing
- RT marketers
- RT mining
- RT resellers
- RT retailers
- RT small businesses
- RT technology assessment
- RT technology impacts
- RT technology transfer
- RT technology utilization
- RT tourism

ineel

2005-05-18

Formerly known as Idaho National Engineering Laboratory, and before 1976 as NRTS.

USE idaho national laboratory

inel

INIS: 1984-06-21; ETDE: 2002-06-13

USE idaho national laboratory

inel safety research experimental facility reactor

INIS: 1993-11-08; ETDE: 2002-06-13

USE saref reactor

INELASTIC SCATTERING

1996-01-24

- BT1 scattering
- NT1 deep inelastic scattering
- NT1 delbrueck scattering
- NT1 resonance scattering
- NT1 thomson scattering
- RT anharmonic crystals
- RT hauser-feshbach theory
- RT incoherent scattering
- RT skyrme potential
- RT spin flip

INERT ATMOSPHERE

- *BT1 controlled atmospheres
- NT1 cover gas
- RT carbon dioxide
- RT nitrogen
- RT rare gases

inert neutrinos

2016-12-12

USE sterile neutrinos

inertia

USE moment of inertia

INERTIAL CONFINEMENT

INIS: 1999-09-15; ETDE: 1978-04-28

A dynamic plasma confinement by inertial forces.

- *BT1 plasma confinement
- RT aurora facility
- RT direct drive icf
- RT electron beam fusion accelerator
- RT electron beam fusion reactors
- RT electron beam targets
- RT icf devices
- RT impact fusion
- RT indirect drive icf
- RT inertial fusion drivers
- RT ion beam fusion reactors
- RT ion beam targets
- RT laser fusion reactors
- RT laser implosions
- RT laser targets
- RT particle beam fusion accelerator
- RT us national ignition facility

inertial confinement fusion devices

INIS: 1984-08-24; ETDE: 1984-10-24

USE icf devices

inertial confinement fusion targets

INIS: 1999-07-26; ETDE: 2002-06-13

- SEE electron beam targets
- SEE ion beam targets
- SEE laser targets

INERTIAL FUSION DRIVERS

1995-07-21

- NT1 impact fusion drivers
- NT2 magnetic gradient accelerators
- RT direct drive laser implosion
- RT indirect drive laser implosion
- RT inertial confinement
- RT ion beam fusion reactors
- RT laser fusion reactors

INERTIAL GUIDANCE

INIS: 2000-04-12; ETDE: 1975-11-11

RT electronic guidance

RT navigational instruments

INERTIAL SEPARATORS

INIS: 1976-10-07; ETDE: 1976-03-22

Separators that operate by imparting a centrifugal force to the particle to be removed from the carrier gas stream.

UF ash separators

UF centrifugal separators

UF separators (inertial)

*BT1 separation equipment

NT1 cyclone separators

RT dust collectors

RT pollution control equipment

INERTINITE

INIS: 2000-04-12; ETDE: 1987-07-24

BT1 macerals

ines

1995-05-10

USE international nuclear event scale

INFANTS

SF newborns

*BT1 children

RT life cycle

RT neonates

INFECTIOUS DISEASES

BT1 diseases

NT1 bacterial diseases

NT2 cholera

NT2 diphtheria

NT2 gonorrhea

NT2 leprosy

NT2 syphilis

NT2 tetanus

NT2 tuberculosis

NT2 typhoid

NT1 fungal diseases

NT2 mycoses

NT2 tinea

NT1 parasitic diseases

NT2 fascioliasis

NT2 filariasis

NT2 hydatidosis

NT2 malaria

NT2 schistosomiasis

NT2 trichinosis

NT2 trypanosomiasis

NT1 rickettsial diseases

NT2 typhus

NT1 viral diseases

NT2 aids

NT2 herpes simplex

NT2 herpes zoster

NT2 infectious hepatitis

NT2 influenza

NT2 measles

NT2 newcastle disease

NT2 poliomyelitis

NT2 rabies

RT anti-infective agents

RT antibiotics

RT epidemiology

RT granulomas

RT incubation

RT inflammation

RT legionella anisa

RT legionella pneumophila

RT microorganisms

RT septicemia

RT virulence

INFECTIOUS HEPATITIS

INIS: 2000-03-28; ETDE: 1981-01-12

UF hepatitis (infectious)

*BT1 hepatitis

*BT1 viral diseases

INFECTIVITY

1997-06-17

RT bacteria

RT disinfectants

RT endotoxins

RT germicides

infiltration (by people)

INIS: 1985-07-23; ETDE: 2002-06-13

USE human intrusion

infiltration (rock)

INIS: 1985-07-23; ETDE: 2002-06-13

Deposition in rocks of mineral matter by permeation of water carrying the matter in solution. Coordinate the descriptor below with an appropriate descriptor from the work block of ROCKS.

USE water influx

infiltration (water)

INIS: 1985-07-23; ETDE: 2002-06-13

USE water influx

INFLAMMATION

BT1 pathological changes

BT1 symptoms

RT antipyretics

RT granulomas

RT infectious diseases

RT pneumonitis

RT trichinosis

INFLATABLE COLLECTORS

INIS: 2000-04-12; ETDE: 1979-02-27

*BT1 solar collectors

RT solar ponds

INFLATABLE SEALS

BT1 seals

INFLATION

INIS: 1992-02-05; ETDE: 1978-07-06

RT cost

RT economic development

RT income

inflation (cosmological)

2015-06-05

USE cosmological inflation

INFLATIONARY UNIVERSE

INIS: 1985-07-22; ETDE: 1987-08-14

Universe described by cosmological models which usually involve a very weakly-coupled scalar field which is displaced from the minimum of its potential. Regions of the universe where the scalar field is initially displaced from its minimum undergo inflation as the scalar field relaxes.

UF cosmic inflation

*BT1 cosmological models

RT cosmological inflation

RT inflatons

RT space-time

RT unified gauge models

INFLATONS

2013-10-24

*BT1 postulated particles

RT inflationary universe

INFLUENZA

*BT1 viral diseases

RT influenza viruses

INFLUENZA VIRUSES

*BT1 viruses

RT influenza

influx (particles)

1995-07-03

USE particle influx

influx (water)

INIS: 1985-10-23; ETDE: 2002-06-13

USE water influx

INFN

2016-12-12

National Institute for Nuclear Physics, Italy

UF catania national laboratory

*BT1 italian organizations

RT frascati national laboratory

RT gran sasso national laboratory

RT legnaro national laboratory

INFORMATION

(From July 1984 till April 1997

CRYPTOGRAPHY was a valid ETDE

descriptor; from November 1981 till June

1992 TECHNICAL WRITING was a valid

ETDE descriptor.)

UF information validation

SF technical writing

NT1 classified information

NT1 data

NT2 data compilation

NT2 numerical data

NT3 compiled data

NT3 evaluated data

NT3 experimental data

NT3 financial data

NT3 statistical data

NT3 theoretical data

NT1 diagrams

NT2 bragg curve

NT2 electrocardiograms

NT2 engineering drawings

NT2 fermi plot

NT2 feynman diagram

NT2 flowsheets

NT2 goldstone diagrams

NT2 hertzprung-russell diagram

NT2 mollier diagrams

NT2 nomograms

NT2 nyquist diagrams

NT2 optical depth curve

NT3 spectroscopic curve of growth

NT2 phase diagrams

NT2 s-n diagram

NT2 scatterplots

NT3 argand diagrams

NT3 dalitz plot

NT3 prism plot

NT2 sun charts

NT2 thermochemical diagrams

NT2 young diagram

NT1 proprietary information

NT1 public information

NT1 quantum information

NT2 qubits

RT congressional inquiries

RT cryptography

RT data base management

RT information centers

RT information theory

RT libraries

RT manuals

RT privacy act

RT records management

RT technology transfer

INFORMATION CENTERS

INIS: 1994-09-09; ETDE: 1976-04-19

UF technical information center

RT data compilation

RT educational facilities

RT information

RT information systems

RT libraries

information declassification

INIS: 2000-04-12; ETDE: 1983-03-24

USE declassification

INFORMATION DISSEMINATION

INIS: 1995-10-27; ETDE: 1980-05-06

RT information needs
RT information systems
RT internet
RT knowledge management
RT proprietary information
RT public information
RT technology transfer

INFORMATION NEEDS

INIS: 1976-03-25; ETDE: 1976-08-24

Identification of subject areas or types of data on which information is needed in order to further specific areas of research. Coordinate with descriptors for the specific areas of research.

RT data
RT information dissemination
RT reporting requirements
RT research programs
RT us napap

INFORMATION RETRIEVAL

1996-07-08

(From June 1975 till August 1996 UNISIST was a valid ETDE descriptor.)

UF document retrieval
UF records retrieval
SF unisist
RT data base management
RT data tagging
RT documentation
RT indexes
RT information systems
RT knowledge management
RT standardized terminology

INFORMATION SYSTEMS

1996-07-08

(From June 1975 till August 1996 UNISIST was a valid ETDE descriptor.)

SF seedis
SF unisist
NT1 agris
NT1 cinda
NT1 etde
NT1 geographic information systems
NT1 inis
NT1 seidb
NT1 wends
RT computer networks
RT data base management
RT data compilation
RT data tagging
RT distributed data processing
RT documentation
RT information centers
RT information dissemination
RT information retrieval
RT information theory
RT knowledge management
RT libraries
RT nuclear data collections
RT standardized terminology

INFORMATION THEORY

RT communications
RT cybernetics
RT data processing
RT game theory
RT information
RT information systems
RT quantum information
RT redundancy

RT set theory

information validation

INIS: 1982-10-29; ETDE: 1995-05-10

USE information
USE verification

INFRARED DIVERGENCES

UF divergences (infrared)
RT quantum electrodynamics

INFRARED RADIATION

*BT1 electromagnetic radiation
NT1 far infrared radiation
NT1 intermediate infrared radiation
NT1 near infrared radiation
RT infrared spectra
RT infrared thermography
RT thermal radiation
RT thermography
RT wavelengths

INFRARED SPECTRA

BT1 spectra
RT absorption spectroscopy
RT infrared radiation
RT structural chemical analysis
RT vibrational states

INFRARED SPECTROMETERS

1976-02-11

*BT1 spectrometers
NT1 photoacoustic spectrometers
RT lead germanates

INFRARED SURVEYS

2000-01-21

*BT1 geophysical surveys
RT geothermal exploration

INFRARED THERMOGRAPHY

INIS: 1978-07-03; ETDE: 1977-09-19

A method for measuring the infrared radiation emitted from surfaces.

UF thermal photography
*BT1 thermography
RT heat losses
RT infrared radiation
RT temperature monitoring

INFUSION

BT1 intake

ing linac

1996-07-18

Intense Neutron Generator Linac.

(Until July 1996 this was a valid descriptor.)

USE linear accelerators
USE neutron sources

INGESTION

BT1 intake
RT beverages
RT diet
RT digestion
RT drinking water
RT food
RT intestinal absorption
RT oral administration
RT oral cavity

inhalable particles

2013-11-27

SEE aerosols
SEE particulates

INHALATION

BT1 intake
RT aerosols
RT air
RT breath
RT dusts
RT intratracheal administration

RT maximum inhalation quantity
RT radionuclide administration
RT respiration
RT respirators
RT respiratory system

inhalation exposure chambers

INIS: 1978-09-28; ETDE: 1977-10-20

USE exposure chambers

INHALATION TOXICOLOGY RESEARCH INSTITUTE

INIS: 2000-04-12; ETDE: 1982-07-27

UF itri
UF lovelace biomedical and environmental research institute
*BT1 us doe
RT new mexico

INHIBITION

UF extinguishment
UF growth inhibition
UF suppression
NT1 sprout inhibition
RT catalysis
RT enzyme inhibitors
RT flames
RT inactivation
RT stabilization

inhibitors (corrosion)

USE corrosion inhibitors

inhibitors (enzyme)

INIS: 1978-08-30; ETDE: 1976-03-11

USE enzyme inhibitors

INHOMOGENEOUS FIELDS

RT electric fields
RT electromagnetic fields
RT magnetic fields

INHOMOGENEOUS PLASMA

BT1 plasma

INHOUR EQUATION

1999-07-07

UF nordheim equation
BT1 equations
RT reactivity
RT reactor kinetics

INHOURS

*BT1 reactivity units

INIS

1996-04-19

UF international nuclear information system
BT1 information systems
RT iaea

initial reservoir pressure

INIS: 1986-07-09; ETDE: 1978-09-11

USE reservoir pressure

INJECTION

BT1 intake
NT1 intramuscular injection
NT1 intraperitoneal injection
NT1 intravenous injection
NT1 subcutaneous injection
RT implants
RT radionuclide administration
RT therapy

injection (beams)

USE beam injection

injection (pellets)

INIS: 1988-11-16; ETDE: 2002-06-13

USE pellet injection

injection fluids

INIS: 2000-04-12; ETDE: 1985-08-08

For oil and gas wells.

USE displacement fluids

INJECTION WELLS

1991-10-22

A well used for injecting fluids into underground strata.

UF input well

BT1 wells

RT geothermal wells

RT reinjection

INJURIES

UF trauma

UF traumatic shock

BT1 diseases

NT1 bone fractures

NT1 burns

NT2 flash burns

NT2 radiation burns

NT1 radiation injuries

NT2 osteoradionecrosis

NT2 radiation burns

NT2 radiodermatitis

NT1 wounds

RT accidents

RT first aid

RT health hazards

RT hematomas

RT safety

RT single intake

INKS

1996-07-18

UF india ink

RT dyes

inl

2011-06-02

USE idaho national laboratory

INLAND WATERWAYS

UF canals (waterways)

BT1 surface waters

NT1 manivier canal

NT1 panama canal

NT1 suex canal

RT harbors

RT lakes

RT marinas

RT rivers

RT territorial waters

RT transport

inlet event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

inner bremsstrahlung

USE internal bremsstrahlung

inner mongolia

INIS: 2000-04-12; ETDE: 1979-12-10

USE china

INNER-SHELL EXCITATION

INIS: 1987-11-02; ETDE: 1987-12-23

*BT1 excitation

RT inner-shell ionization

INNER-SHELL IONIZATION

INIS: 1976-07-06; ETDE: 1976-08-24

BT1 ionization

RT auger effect

RT autoionization

RT coulomb ionization

RT inner-shell excitation

inns

INIS: 2000-04-12; ETDE: 1979-12-17

USE hotels

INOCULATION

RT immune serums

RT immunity

RT vaccines

RT viruses

INOR-8

1993-10-03

*BT1 alloy-ni70mo17cr7fe5

RT inconel alloys

INORGANIC ACIDS

(From August 1979 to March 1997

HETEROPOLY ACIDS was a valid ETDE descriptor.)

UF acids (inorganic)

UF heteropoly acids

UF mineral acids

UF polythionic acids

BT1 hydrogen compounds

BT1 inorganic compounds

NT1 boric acid

NT1 broensted acids

NT1 bromic acid

NT1 carbonic acid

NT1 chloric acid

NT1 chlorous acid

NT1 chromic acid

NT1 fluoroboric acid

NT1 hydrazoic acid

NT1 hydriodic acid

NT1 hydrobromic acid

NT1 hydrochloric acid

NT1 hydrocyanic acid

NT1 hydrofluoric acid

NT1 hypochlorous acid

NT1 hypofluorous acid

NT1 hypoiodous acid

NT1 hypophosphorous acid

NT1 iodic acid

NT1 lewis acids

NT1 molybdic acid

NT1 molybdophosphoric acid

NT1 nitric acid

NT1 nitrous acid

NT1 perchloric acid

NT1 periodic acid

NT1 phosphoric acid

NT1 phosphorous acid

NT1 silicic acid

NT1 sulfamic acid

NT1 sulfuric acid

NT1 sulfurous acid

NT1 telluric acid

NT1 tungstophosphoric acid

RT acid carbonates

RT acid sulfates

RT acid sulfites

RT acidification

RT anhydrides

RT ph value

INORGANIC COMPOUNDS

1986-07-10

For very general papers only. Use of a more specific term is recommended.

UF compounds (inorganic)

SF chemicals

NT1 inorganic acids

NT2 boric acid

NT2 broensted acids

NT2 bromic acid

NT2 carbonic acid

NT2 chloric acid

NT2 chlorous acid

NT2 chromic acid

NT2 fluoroboric acid

NT2 hydrazoic acid

NT2 hydriodic acid

NT2 hydrobromic acid

NT2 hydrochloric acid

NT2 hydrocyanic acid

NT2 hydrofluoric acid

NT2 hypochlorous acid

NT2 hypofluorous acid

NT2 hypoiodous acid

NT2 hypophosphorous acid

NT2 iodic acid

NT2 lewis acids

NT2 molybdic acid

NT2 molybdophosphoric acid

NT2 nitric acid

NT2 nitrous acid

NT2 perchloric acid

NT2 periodic acid

NT2 phosphoric acid

NT2 phosphorous acid

NT2 silicic acid

NT2 sulfamic acid

NT2 sulfuric acid

NT2 sulfurous acid

NT2 telluric acid

NT2 tungstophosphoric acid

RT chemical feedstocks

INORGANIC ION EXCHANGERS

UF permutit (inorganic)

*BT1 ion exchange materials

NT1 bentonite

NT1 montmorillonite

NT1 mullite

NT1 vermiculite

NT1 zeolites

NT2 clinoptilolite

NT2 faujasite

NT2 heulandite

NT2 laumontite

NT2 mordenite

NT2 wairakite

INORGANIC PHOSPHORS

1999-08-23

BT1 phosphors

NT1 cadmium sulfides

NT1 cadmium tungstates

NT1 calcium tungstates

NT1 cesium iodides

NT1 lithium iodides

NT1 potassium iodides

NT1 sodium iodides

NT1 zinc sulfides

RT bismuth germanates

RT solid scintillation detectors

INORGANIC POLYMERS

BT1 polymers

INOSINE

*BT1 nucleosides

*BT1 purines

RT hypoxanthine

RT itp

inosine triphosphate

2017-11-13

USE itp

INOSITOL

UF i-inositol

*BT1 inositols

*BT1 lipotropic factors

RT phytic acid

INOSITOLS

*BT1 monosaccharides

NT1 inositol

RT hydroxy compounds

input-output

INIS: 2000-04-12; ETDE: 1979-05-02
SEE material balance

INPUT-OUTPUT ANALYSIS

INIS: 1999-01-27; ETDE: 1978-04-06
A type of economic analysis.
(Until January 1999, this concept was indexed by the broader term ECONOMIC ANALYSIS.)
SF operations research
*BT1 economic analysis
RT developing countries
RT economy
RT energy analysis
RT regional analysis

input well

INIS: 2000-04-12; ETDE: 1976-03-31
USE injection wells

INR CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-03-24
Institute of Nuclear Research, Academia Sinica, Shanghai.
UF institute of nuclear research (shanghai) cyclotron
UF shanghai inr cyclotron
*BT1 isochronous cyclotrons

ins cyclotron (tokyo)

INIS: 1983-06-01; ETDE: 2002-06-13
USE tokyo ins cyclotron

INSB SEMICONDUCTOR DETECTORS

INIS: 1988-04-15; ETDE: 1988-07-08
Indium antimonide semiconductor detectors.
UF indium antimonide detectors
*BT1 semiconductor detectors

INSECT DISPERSAL

UF dispersal (insect)
RT behavior
RT insects
RT sterile insect release
RT sterile male technique

INSECTICIDES

BT1 pesticides
NT1 aldrin
NT1 ddt
NT1 dieldrin
NT1 kepone
NT1 lindane
NT1 malathion
NT1 parathion
RT insects

INSECTS

1996-07-08
UF caste (insects)
UF entomology
*BT1 arthropods
NT1 coleoptera
NT2 beetles
NT3 boll weevil
NT3 tribolium
NT1 dictyoptera
NT2 cockroaches
NT1 diptera
NT2 flies
NT3 fruit flies
NT4 anastrepha
NT4 ceratitis capitata
NT4 dacus
NT5 dacus oleae
NT4 drosophila
NT3 glossina
NT3 hylemya antiqua
NT3 screwworm fly

NT2 mosquitoes
NT1 ephemeroptera
NT1 hemiptera
NT2 aphids
NT1 hymenoptera
NT2 ants
NT2 bees
NT2 wasps
NT1 lepidoptera
NT2 moths
NT3 bollworm
NT3 codling moth
NT3 lymantria dispar
NT3 rice stem borers
NT3 silkworm
NT1 orthoptera
NT2 grasshoppers
NT3 locusts
RT chemical attractants
RT chemoreceptors
RT disease vectors
RT genetic control
RT grain disinfestation
RT insect dispersal
RT insecticides
RT larvae
RT mass rearing
RT parasites
RT pest control
RT pest eradication
RT pheromone
RT pupae
RT radiodisinfestation
RT rearing
RT rickettsiae
RT sterile male technique

INSOLATION

1984-04-04
RT diffuse solar radiation
RT direct solar radiation
RT radiative forcing
RT solar flux
RT solar radiation
RT solar simulators
RT sun charts

INSPECTION

(Prior to May 1996 SURVEILLANCE was a valid ETDE descriptor.)
UF control (inspection)
SF surveillance
NT1 in-service inspection
NT1 on-site inspection
RT accuracy
RT audits
RT calibration
RT evaluation
RT gesellschaft fuer anlagen- und reaktorsicherheit
RT industrial radiography
RT legal aspects
RT licensing
RT materials testing
RT nondestructive testing
RT performance testing
RT post-irradiation examination
RT preventive medicine
RT quality control
RT radiation monitoring
RT radiation protection
RT reactor maintenance
RT recommendations
RT safeguards
RT sampling
RT specifications
RT testing
RT verification

inspector general (us doe)

INIS: 1994-09-29; ETDE: 1980-06-06
USE us doe inspector general

inst fiziki vysokikh ehnergij

INIS: 1984-06-21; ETDE: 2002-06-13
USE ihep

inst phys chem res rilac

INIS: 1986-05-23; ETDE: 2002-06-13
USE rilac

inst v kernph onder amsterdam

INIS: 2000-02-08; ETDE: 1978-09-11
USE iko

INSTABILITY

NT1 combustion instability
NT1 pierce instability
NT1 plasma instability
NT2 absolute instabilities
NT2 convective instabilities
NT2 decay instability
NT2 explosive instability
NT2 gravitational instability
NT2 plasma macroinstabilities
NT3 ballooning instability
NT3 edge localized modes
NT3 fishbone instability
NT3 flute instability
NT3 helical instability
NT3 helmholtz instability
NT3 kink instability
NT3 parametric instabilities
NT3 sausage instability
NT3 tearing instability
NT3 tilting instability
NT3 trapped-particle instability
NT3 whistler instability
NT2 plasma microinstabilities
NT3 bump-in-tail instability
NT3 cyclotron instability
NT3 drift instability
NT3 hose instability
NT3 ion wave instability
NT3 loss cone instability
NT3 negative mass instability
NT3 two-stream instability
NT1 rayleigh-taylor instability
RT bifurcation
RT stability

INSTABILITY GROWTH RATES

RT plasma instability
RT time dependence

INSTALLATION

INIS: 1992-09-30; ETDE: 1976-05-13
RT construction

installation sites

INIS: 1976-12-08; ETDE: 2002-06-13
If appropriate use one of the specific types of facilities.
USE nuclear facilities

INSTANTONS

INIS: 1978-01-13; ETDE: 1977-11-29
Finite action solutions to Euclidean field equations, localized in time and space.
UF pseudoparticles
BT1 quasi particles
RT field equations
RT field theories
RT gauge invariance
RT higgs model
RT lattice field theory
RT merons
RT quantum chromodynamics
RT solitons
RT su groups

RT symmetry breaking
 RT vacuum states
 RT yang-mills theory

institut fuer isotopen- und strahlenforschung leipzig

INIS: 1986-05-23; ETDE: 2002-06-13
 USE zfi leipzig

institute for high energy physics

INIS: 1993-11-08; ETDE: 2002-06-13
 USE ihcp

institute for nuclear studies cyclotron

INIS: 1993-11-08; ETDE: 2002-06-13
 USE tokyo ins cyclotron

institute for reactor safety

INIS: 1977-09-06; ETDE: 1977-10-19
 USE gesellschaft fuer anlagen- und reaktorsicherheit

institute of nuclear research (shanghai) cyclotron

INIS: 1993-11-08; ETDE: 2002-06-13
 USE inr cyclotron

institute of physical and chemical research cyclotron

INIS: 1993-11-08; ETDE: 2002-06-13
 USE ipcr cyclotron

INSTITUTIONAL FACTORS

INIS: 1999-03-01; ETDE: 1979-05-25
 NT1 political aspects
 NT1 socio-economic factors
 RT government policies
 RT institutional sector
 RT mto model
 RT public policy

INSTITUTIONAL SECTOR

INIS: 2000-04-12; ETDE: 1979-09-27
 RT institutional factors
 RT national government
 RT state government

instituto de asuntos nucleares r1

1993-11-08
 USE ian-r1 reactor

instituto de energia atomica r1

1993-11-08
 USE iear-1 reactor

instituto de energia atomica zpr

INIS: 1993-11-08; ETDE: 2002-06-13
 USE iea-zpr reactor

instituto engenhoria nuclear rio reactor

1993-11-08
 USE rien-1 reactor

instruments (measuring)

USE measuring instruments

insulating limiters

USE limiters

INSULATING OILS

INIS: 1999-03-01; ETDE: 1980-07-23
A high-quality oil whose high dielectric strength and high flash point allow it to be used in switches, circuit breakers, and transformers as an insulating and cooling medium.
 UF transformer oils
 *BT1 oils
 RT circuit breakers
 RT dielectric materials

RT dielectric properties
 RT electrical insulators
 RT switches
 RT transformers

insulation (acoustic)

INIS: 2000-04-12; ETDE: 1995-07-03
 USE acoustic insulation

insulation (electrical, by dielectric materials)

INIS: 1993-11-08; ETDE: 2002-06-13
 USE electrical insulation

insulation (electrical, by magnetic fields)

INIS: 1993-11-08; ETDE: 2002-06-13
 USE magnetic insulation

insulation (electrical)

INIS: 2000-04-12; ETDE: 1977-06-02
 USE electrical insulation

insulation (magnetic)

INIS: 2000-04-12; ETDE: 1980-11-08
 USE magnetic insulation

insulation (thermal)

USE thermal insulation

insulators (electrical)

USE electrical insulators

INSULIN

*BT1 peptide hormones
 RT diabetes mellitus
 RT glucose
 RT metabolism
 RT pancreas

INSURANCE

UF health insurance
 UF insurance law
 UF marine insurance
 UF property insurance
 UF transport insurance
 NT1 accident insurance
 NT1 nuclear insurance
 RT financial security
 RT hazards
 RT legal aspects
 RT liabilities
 RT victims compensation

insurance law

INIS: 1990-12-15; ETDE: 2002-06-13
 (Prior to December 1990, this was a valid descriptor.)
 USE insurance
 USE legal aspects

INTAKE

NT1 chronic intake
 NT1 infusion
 NT1 ingestion
 NT1 inhalation
 NT1 injection
 NT2 intramuscular injection
 NT2 intraperitoneal injection
 NT2 intravenous injection
 NT2 subcutaneous injection
 NT1 oral administration
 NT1 rectal administration
 NT1 single intake
 RT annual limit of intake
 RT assimilation
 RT maximum permissible intake
 RT radionuclide administration
 RT radionuclide kinetics
 RT uptake

INTAKE CANALS

2000-04-12
 RT auxiliary water systems
 RT intake structures

INTAKE STRUCTURES

1996-05-14
 BT1 mechanical structures
 RT cooling systems
 RT impingement
 RT intake canals
 RT screens

INTEGRABILITY

2018-02-16
 NT1 complete integrability
 NT1 liouville integrability
 RT hamiltonians
 RT quantum systems

INTEGRABLE SYSTEMS

2018-02-16
A differential system is said to be completely integrable in the Frobenius sense, if the space on which it is defined has a foliation by maximal integral manifolds.
 BT1 dynamical systems

INTEGRAL CALCULUS

UF residues (mathematical)
 BT1 mathematics
 RT poincare-bertrand formula

INTEGRAL CROSS SECTIONS

INIS: 1976-05-05; ETDE: 1976-06-07
Cross sections integrated over all angles; a measure of the reaction probability, not of the angular distribution.
 BT1 cross sections
 RT excitation functions
 RT nuclear reactions

INTEGRAL DOSES

*BT1 radiation doses
 RT cuex
 RT maximum permissible exposure
 RT spatial dose distributions
 RT temporal dose distributions

INTEGRAL EQUATIONS

BT1 equations
 NT1 blankenbecler-sugar equations
 NT1 fredholm equation
 NT1 lippmann-schwinger equation
 NT1 quasipotential equation
 NT1 volterra integral equations
 RT differential equations
 RT integrals
 RT kernels
 RT mathematics
 RT point kernels

INTEGRAL PAC

UF perturbed angular correlation (integral)
 *BT1 perturbed angular correlation

INTEGRAL TRANSFORMATIONS

BT1 transformations
 NT1 fourier transformation
 NT1 hankel transform
 NT1 hilbert transformation
 NT1 laplace transformation
 NT1 mellin transform
 RT integrals
 RT mathematics

INTEGRALS

(From October 1975 till May 1996
 SOMMERFELD INTEGRALS was a valid ETDE descriptor.)
 UF sommerfeld integrals

NT1 action integral
 NT1 collision integrals
 NT1 path integrals
 NT2 feynman path integral
 NT1 resonance integrals
 NT1 talmi integrals
 RT integral equations
 RT integral transformations
 RT mathematics
 RT quadratures

INTEGRATED CIRCUITS

*BT1 microelectronic circuits
 NT1 cmos circuits

integrated community energy systems

INIS: 2000-04-12; ETDE: 1977-06-30
 USE ices program

INTEGRATED COOLING SYSTEMS

*BT1 reactor cooling systems

INTEGRATED ENERGY UTILITY SYSTEMS

INIS: 2000-04-12; ETDE: 2005-01-28
 (Prior to January 2005 IEUS was used for this concept.)

UF ieus (integrated energy utility systems)
 BT1 energy systems
 NT1 modular integrated utility systems
 RT ices program
 RT public utilities
 RT total energy systems

INTEGRATED IN-SITU PROCESS

INIS: 2000-04-12; ETDE: 1981-10-24
 Multe Mineral Corp. Process for producing shale oil, raw nahcolite, soda ash, and alumina.

BT1 modified in-situ processes
 RT aluminium oxides
 RT nahcolite
 RT oil shales

integrated utility systems

INIS: 1982-12-03; ETDE: 1977-09-19
 USE total energy systems

integrators (pulse)

USE pulse integrators

integrity (fuel)

INIS: 1986-03-04; ETDE: 1985-03-26
 USE fuel integrity

INTEGRO-DIFFERENTIAL EQUATIONS

1995-09-06
 BT1 equations
 NT1 boltzmann equation

intense neutron generator linac

1996-07-18
 (Prior to March 1997 ING LINAC was used for this concept in ETDE.)
 USE linear accelerators
 USE neutron sources

intensifiers (image)

USE image intensifiers

inter-governmental maritime consultative organization

INIS: 2000-02-10; ETDE: 2002-06-13
 USE imo

INTERACTING BOSON MODEL

*BT1 shell models
 RT boson expansion
 RT boson-fermion symmetry
 RT bosons

RT nuclear structure

INTERACTION RANGE

UF long-range interactions
 UF short-range interactions
 BT1 distance
 RT interactions

INTERACTIONS

For elementary particles and radiations only.
 See also CONFIGURATION INTERACTION.

NT1 configuration mixing
 NT1 exchange interactions
 NT1 final-state interactions
 NT1 finite-range interactions
 NT1 fundamental interactions
 NT2 electromagnetic interactions
 NT3 compton effect
 NT3 coulomb scattering
 NT3 electroproduction
 NT3 photon-hadron interactions
 NT4 photon-baryon interactions
 NT5 photon-hyperon interactions
 NT5 photon-nucleon interactions
 NT6 photon-neutron interactions
 NT6 photon-proton interactions
 NT4 photon-meson interactions
 NT3 photon-photon interactions
 NT3 photoproduction
 NT4 primakoff effect
 NT3 umklapp processes
 NT2 gravitational interactions
 NT2 strong interactions
 NT3 charge-exchange interactions
 NT3 peripheral collisions
 NT2 weak interactions
 NT3 fermi interactions
 NT3 leptonic decay
 NT1 pair production
 NT2 internal pair production
 NT1 pairing interactions
 NT1 particle interactions
 NT2 annihilation
 NT2 charged-current interactions
 NT2 coherent production
 NT2 electron-quark interactions
 NT2 electroproduction
 NT2 exclusive interactions
 NT3 semi-exclusive interactions
 NT2 gluon-gluon interactions
 NT2 hadron-hadron interactions
 NT3 baryon-baryon interactions
 NT4 hyperon-hyperon interactions
 NT4 nucleon-antinucleon interactions
 NT5 antiproton-neutron interactions
 NT5 neutron-antineutron interactions
 NT5 proton-antineutron interactions
 NT5 proton-antiproton interactions
 NT4 nucleon-deuteron interactions
 NT5 proton-deuteron interactions
 NT4 nucleon-hyperon interactions
 NT4 nucleon-nucleon interactions
 NT5 neutron-neutron interactions
 NT5 proton-nucleon interactions
 NT6 proton-neutron interactions
 NT6 proton-proton interactions
 NT3 meson-baryon interactions
 NT4 meson-hyperon interactions
 NT5 kaon-hyperon interactions
 NT5 pion-hyperon interactions
 NT4 meson-nucleon interactions
 NT5 kaon-nucleon interactions
 NT6 kaon-neutron interactions
 NT7 kaon minus-neutron interactions
 NT7 kaon neutral-neutron interactions

NT7 kaon plus-neutron interactions

NT6 kaon-proton interactions
 NT7 kaon minus-proton interactions

NT7 kaon neutral-proton interactions

NT7 kaon plus-proton interactions

NT5 pion-nucleon interactions

NT6 pion-neutron interactions

NT7 pion minus-neutron interactions

NT7 pion plus-neutron interactions

NT6 pion-proton interactions

NT7 pion minus-proton interactions

NT7 pion plus-proton interactions

NT3 meson-meson interactions

NT4 kaon-kaon interactions

NT4 pion-kaon interactions

NT4 pion-pion interactions

NT2 inclusive interactions

NT3 semi-inclusive interactions

NT2 incoherent production

NT2 lepton-hadron interactions

NT3 lepton-baryon interactions

NT4 lepton-nucleon interactions

NT5 deep inelastic scattering

NT5 electron-nucleon interactions

NT6 electron-neutron interactions

NT6 electron-proton interactions

NT5 lepton-neutron interactions

NT6 antilepton-neutron interactions

NT7 antineutrino-neutron interactions

NT5 lepton-proton interactions

NT6 antilepton-proton interactions

NT7 antineutrino-proton interactions

NT5 muon-nucleon interactions

NT6 muon-neutron interactions

NT6 muon-proton interactions

NT5 neutrino-nucleon interactions

NT6 antineutrino-nucleon interactions

NT7 antineutrino-neutron interactions

NT7 antineutrino-proton interactions

NT6 neutrino-neutron interactions

NT7 antineutrino-neutron interactions

NT6 neutrino-proton interactions

NT7 antineutrino-proton interactions

NT3 lepton-meson interactions

NT4 electron-meson interactions

NT5 electron-pion interactions

NT4 muon-meson interactions

NT4 neutrino-meson interactions

NT2 lepton-lepton interactions

NT3 electron-electron interactions

NT3 electron-muon interactions

NT3 electron-positron interactions

NT3 muon-muon interactions

NT3 neutrino-electron interactions

NT4 antineutrino-electron interactions

NT3 neutrino-muon interactions

NT3 neutrino-neutrino interactions

NT3 positron-positron interactions

NT2 neutral-current interactions

NT2 photon-hadron interactions

NT3 photon-baryon interactions

NT4 photon-hyperon interactions
NT4 photon-nucleon interactions
NT5 photon-neutron interactions
NT5 photon-proton interactions
NT3 photon-meson interactions
NT2 photon-lepton interactions
NT3 photon-electron interactions
NT3 photon-muon interactions
NT3 photon-neutrino interactions
NT2 photon-photon interactions
NT2 photoproduction
NT3 primakoff effect
NT2 quark-antiquark interactions
NT2 quark-gluon interactions
NT2 quark-hadron interactions
NT2 quark-quark interactions
NT1 residual interactions
RT abc effect
RT beam luminosity
RT capture
RT capture-to-fission ratio
RT colliding beams
RT collisions
RT coupling
RT decay
RT effective range theory
RT interaction range
RT lorentz force
RT nuclear molecules
RT nucleon-nucleon potential
RT pomeranchuk theorem
RT scattering
RT selection rules
RT threshold energy
RT transverse momentum
RT wolfenstein parameters

INTERACTIVE DISPLAY DEVICES

UF interactive graphics
***BT1** display devices
RT computer graphics

interactive graphics

USE interactive display devices

INTERAGENCY COOPERATION

INIS: 1994-06-27; **ETDE**: 1980-08-25
BT1 cooperation

INTERATOMIC DISTANCES

BT1 distance
RT molecular structure

INTERATOMIC FORCES

RT binding energy
RT buckingham potential
RT lennard-jones potential
RT morse potential
RT potentials

intercalates

INIS: 2000-04-12; **ETDE**: 1977-08-09
USE clathrates

INTERCEPTION

INIS: 2000-04-12; **ETDE**: 1984-12-10
RT acid rain
RT atmospheric precipitations
RT evaporation
RT forests
RT plants
RT rain water
RT runoff
RT security
RT throughfall
RT water

interchange instability

USE flute instability

INTERCHANGEABILITY

INIS: 1993-02-18; **ETDE**: 1977-09-19
Ability to substitute one energy source, fuel or material for another.

RT compatibility
RT energy sources
RT fuel substitution
RT fuels
RT material substitution
RT materials
RT resource conservation

INTERCONNECTED POWER SYSTEMS

INIS: 1992-03-17; **ETDE**: 1979-05-03
A system of two or more individual power systems normally operating with interconnecting tie lines enabling each system to draw on the other's reserves in time of need or for economic reasons.

UF power pools
***BT1** power systems
RT power factor
RT power generation
RT power pooling
RT power transmission
RT sellback

intercrystalline corrosion

USE intergranular corrosion

INTEREST GROUPS

INIS: 1982-12-03; **ETDE**: 1980-12-08
For groups formed to further a particular interest, e.g. antinuclear groups, industry groups.

UF antinuclear groups
UF lobbies
UF pressure groups
SF adversaries
RT consumer protection
RT human intrusion
RT human populations
RT intervenors
RT minority groups

INTEREST RATE

INIS: 2000-04-12; **ETDE**: 1978-06-14
UF discount rate
RT charges
RT debt collection
RT financing
RT investment

INTERFACES

Not in the sense of EQUIPMENT INTERFACES.

NT1 sediment-water interfaces
RT surfaces

interfaces (equipment)

USE equipment interfaces

interfacial tension

INIS: 2000-04-12; **ETDE**: 1980-11-25
SEE surface tension

INTERFERENCE

RT radio noise
RT wave propagation

INTERFERING ELEMENTS

RT impurities

INTERFEROMETERS

UF vlb systems
BT1 measuring instruments
NT1 fabry-perot interferometer
NT1 mach-zehnder interferometer
NT1 michelson interferometer
RT interferometry
RT radio telescopes

RT spectrometers
RT squid devices

INTERFEROMETRY

RT interferometers

INTERFERON

1999-09-08

A protein (lymphokine) released by cells in response to virus infection. When taken up by other cells, interferon inhibits the replication of viruses within them.

***BT1** lymphokines
RT immunity
RT viruses

INTERGALACTIC SPACE

BT1 space
RT nonluminous matter
RT universe

INTERGOVERNMENTAL COOPERATION

INIS: 1985-04-22; **ETDE**: 1979-12-17
Limited to cooperation between the national government and the government of one or more of the country's administrative subdivisions, or between the governments of some of the subdivisions. Not for INTERNATIONAL COOPERATION.

BT1 cooperation
RT compact commissions

INTERGRANULAR CORROSION

UF intercrystalline corrosion
***BT1** corrosion
RT grain boundaries

interim storage

INIS: 1982-12-06; **ETDE**: 2002-06-13
USE waste storage

INTERKOSMOS SATELLITES

BT1 satellites
RT kosmos satellites
RT proton satellites

INTERLABORATORY COMPARISONS

INIS: 1982-08-27; **ETDE**: 1982-09-10
RT calibration standards
RT comparative evaluations
RT cooperation
RT coordinated research programs

interleukins

1995-07-03
USE lymphokines

INTERLOCKS

1986-05-23
RT control systems
RT reactor control systems
RT switches

INTERMEDIATE BOSONS

UF w boson
BT1 bosons
BT1 elementary particles
NT1 intermediate vector bosons
NT2 w minus bosons
NT2 w plus bosons
NT2 z neutral bosons

INTERMEDIATE BTU GAS

1992-05-22
 250 to 900 btu per cubic foot.
UF gobar gas
***BT1** fuel gas
NT1 carburetted water gas
NT1 town gas
NT1 water gas

RT syngas process

intermediate coolant loops

2018-03-19

USE secondary coolant circuits

INTERMEDIATE COUPLING

BT1 coupling

NT1 j-j coupling

NT1 l-s coupling

RT tomonaga approximation

intermediate coupling approximation

USE tomonaga approximation

intermediate image spectrometer

USE magnetic lens spectrometers

INTERMEDIATE INFRARED RADIATION

INIS: 1976-05-05; ETDE: 1976-06-07

Wave length range 2.5-50 microns.

*BT1 infrared radiation

INTERMEDIATE-LEVEL RADIOACTIVE WASTES

INIS: 1978-05-19; ETDE: 1978-01-23

Wastes containing from 5×10^{-5} to 100 microcuries/milliliter of radioactivity.

UF medium-level wastes

*BT1 radioactive wastes

RT bohunice radioactive waste processing center

RT high-level radioactive wastes

RT konrad ore mine

RT low-level radioactive wastes

RT mochovce liquid raw final treatment facility

RT morsleben salt mine

INTERMEDIATE MASS NUCLEI

1998-01-27

For nuclei with mass 41-180.

BT1 nuclei

NT1 aluminium 41

NT1 aluminium 42

NT1 antimony 103

NT1 antimony 104

NT1 antimony 105

NT1 antimony 106

NT1 antimony 107

NT1 antimony 108

NT1 antimony 109

NT1 antimony 110

NT1 antimony 111

NT1 antimony 112

NT1 antimony 113

NT1 antimony 114

NT1 antimony 115

NT1 antimony 116

NT1 antimony 117

NT1 antimony 118

NT1 antimony 119

NT1 antimony 120

NT1 antimony 121

NT1 antimony 122

NT1 antimony 123

NT1 antimony 124

NT1 antimony 125

NT1 antimony 126

NT1 antimony 127

NT1 antimony 128

NT1 antimony 129

NT1 antimony 130

NT1 antimony 131

NT1 antimony 132

NT1 antimony 133

NT1 antimony 134

NT1 antimony 135

NT1 antimony 136

NT1 antimony 137

NT1 antimony 138

NT1 antimony 139

NT1 argon 41

NT1 argon 42

NT1 argon 43

NT1 argon 44

NT1 argon 45

NT1 argon 46

NT1 argon 47

NT1 argon 48

NT1 argon 49

NT1 argon 50

NT1 argon 51

NT1 argon 52

NT1 argon 53

NT1 arsenic 60

NT1 arsenic 61

NT1 arsenic 62

NT1 arsenic 63

NT1 arsenic 64

NT1 arsenic 65

NT1 arsenic 66

NT1 arsenic 67

NT1 arsenic 68

NT1 arsenic 69

NT1 arsenic 70

NT1 arsenic 71

NT1 arsenic 72

NT1 arsenic 73

NT1 arsenic 74

NT1 arsenic 75

NT1 arsenic 76

NT1 arsenic 77

NT1 arsenic 78

NT1 arsenic 79

NT1 arsenic 80

NT1 arsenic 81

NT1 arsenic 82

NT1 arsenic 83

NT1 arsenic 84

NT1 arsenic 85

NT1 arsenic 86

NT1 arsenic 87

NT1 arsenic 88

NT1 arsenic 89

NT1 arsenic 90

NT1 arsenic 91

NT1 arsenic 92

NT1 barium 114

NT1 barium 115

NT1 barium 116

NT1 barium 117

NT1 barium 118

NT1 barium 119

NT1 barium 120

NT1 barium 121

NT1 barium 122

NT1 barium 123

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NT1 barium 146

NT1 barium 147

NT1 barium 148

NT1 barium 149

NT1 barium 150

NT1 barium 151

NT1 barium 152

NT1 barium 153

NT1 bromine 67

NT1 bromine 68

NT1 bromine 69

NT1 bromine 70

NT1 bromine 71

NT1 bromine 72

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NT1 cadmium 100

NT1 cadmium 101

NT1 cadmium 102

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NT1 cadmium 128

NT1 cadmium 129

NT1 cadmium 130

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NT1 cadmium 132

NT1 cadmium 95

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NT1 cadmium 99

NT1 calcium 41

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 NT1 chlorine 41
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 NT1 gallium 56
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 NT1 indium 100
 NT1 indium 101
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 NT1 silicon 41
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 NT1 silicon 43
 NT1 silicon 44
 NT1 silver 100
 NT1 silver 101
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 NT1 silver 107
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 NT1 sulfur 41
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NT1 zirconium 100
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NT1 zirconium 98
NT1 zirconium 99
RT nuclear structure

INTERMEDIATE NEUTRONS

***BT1** neutrons
RT resonance neutrons

INTERMEDIATE REACTORS

***BT1** epithermal reactors
NT1 thor reactor
RT resonance neutrons

INTERMEDIATE RESONANCE

BT1 resonance
RT cross sections
RT intermediate structure
RT nuclear reactions

INTERMEDIATE STATE

2000-04-12

A state of partial superconductivity that occurs when a magnetic field of appropriate strength is applied to a superconducting material below its critical temperature.

RT superconductivity

intermediate storage

INIS: 1982-12-06; ETDE: 2002-06-13

USE waste storage

INTERMEDIATE STRUCTURE

RT cross sections
RT intermediate resonance
RT nuclear reactions

intermediate technology

INIS: 2000-04-12; ETDE: 1978-06-14

USE appropriate technology

INTERMEDIATE VECTOR BOSONS

SF weak boson
***BT1** intermediate bosons
NT1 w minus bosons
NT1 w plus bosons
NT1 z neutral bosons
RT electron-quark interactions
RT weinberg angle

intermediates (reaction)

INIS: 2000-04-12; ETDE: 1980-03-04

SEE reaction intermediates

INTERMETALLIC COMPOUNDS

1995-11-22

Alloy of two or more metals in which a change in composition is accompanied by a progression of phases, differing in crystal structure. Index the constituent metals with descriptors of the form (METAL) ALLOYS.

UF electron compounds
BT1 alloys
NT1 cementite
RT antimonides
RT arsenides
RT borides
RT laves phases
RT selenides
RT semimetals
RT silicides
RT tellurides

INTERMOLECULAR FORCES

RT binding energy
RT potentials
RT van der waals forces

INTERNAL BREMSSTRAHLUNG

UF inner bremsstrahlung
***BT1** bremsstrahlung

INTERNAL COMBUSTION ENGINES

1997-06-19

UF gas engines
UF gasoline engines
***BT1** heat engines
NT1 diesel engines
NT1 direct injection engines
NT1 dual-fuel engines
NT1 gas turbine engines
NT1 ramjet engines
NT1 rotary engines
NT2 wankel engines
NT1 spark ignition engines
NT2 wankel engines
NT1 stratified charge engines
NT1 turbofan engines
NT1 turbojet engines
RT aaps
RT autoignition

RT carburetors
 RT compression ratio
 RT exhaust gases
 RT ignition systems
 RT knock control
 RT pcv systems
 RT pistons
 RT superchargers

internal contamination

USE radionuclide kinetics

INTERNAL CONVERSION

BT1 conversion
 *BT1 nuclear decay
 NT1 k conversion
 NT1 l conversion
 NT1 m conversion
 RT energy levels
 RT gamma decay
 RT internal conversion radioisotopes
 RT internal pair production

INTERNAL CONVERSION

RADIOISOTOPES

*BT1 radioisotopes
 NT1 actinium 227
 NT1 antimony 119
 NT1 antimony 122
 NT1 antimony 124
 NT1 antimony 126
 NT1 astatine 212
 NT1 barium 131
 NT1 barium 133
 NT1 barium 135
 NT1 berkelium 243
 NT1 bromine 77
 NT1 bromine 80
 NT1 bromine 82
 NT1 cadmium 111
 NT1 cadmium 113
 NT1 californium 247
 NT1 californium 250
 NT1 cerium 133
 NT1 cerium 137
 NT1 cesium 123
 NT1 cesium 134
 NT1 cesium 138
 NT1 cobalt 58
 NT1 cobalt 60
 NT1 dysprosium 159
 NT1 einsteinium 254
 NT1 erbium 156
 NT1 erbium 169
 NT1 germanium 73
 NT1 germanium 75
 NT1 gold 191
 NT1 gold 193
 NT1 gold 195
 NT1 gold 196
 NT1 gold 197
 NT1 hafnium 178
 NT1 hafnium 179
 NT1 hafnium 180
 NT1 holmium 158
 NT1 holmium 160
 NT1 holmium 164
 NT1 indium 112
 NT1 indium 114
 NT1 indium 115
 NT1 indium 116
 NT1 indium 121
 NT1 iodine 125
 NT1 iodine 129
 NT1 iodine 130
 NT1 iodine 132
 NT1 iodine 133
 NT1 iridium 190
 NT1 iridium 191
 NT1 iridium 192

NT1 iridium 193
 NT1 krypton 79
 NT1 krypton 83
 NT1 lead 199
 NT1 lead 202
 NT1 lutetium 169
 NT1 lutetium 170
 NT1 lutetium 171
 NT1 lutetium 172
 NT1 lutetium 176
 NT1 mercury 193
 NT1 mercury 195
 NT1 mercury 197
 NT1 mercury 199
 NT1 molybdenum 93
 NT1 neodymium 147
 NT1 neptunium 236
 NT1 niobium 91
 NT1 niobium 93
 NT1 niobium 94
 NT1 osmium 180
 NT1 osmium 189
 NT1 osmium 190
 NT1 osmium 191
 NT1 osmium 194
 NT1 palladium 112
 NT1 platinum 193
 NT1 platinum 195
 NT1 platinum 197
 NT1 platinum 199
 NT1 plutonium 235
 NT1 plutonium 237
 NT1 polonium 199
 NT1 polonium 201
 NT1 polonium 202
 NT1 polonium 203
 NT1 polonium 205
 NT1 polonium 206
 NT1 polonium 207
 NT1 praseodymium 142
 NT1 promethium 145
 NT1 radium 213
 NT1 radium 225
 NT1 radium 228
 NT1 radium 230
 NT1 radon 210
 NT1 radon 211
 NT1 rhenium 183
 NT1 rhenium 184
 NT1 rhenium 188
 NT1 rhenium 189
 NT1 rhodium 100
 NT1 rhodium 101
 NT1 rhodium 103
 NT1 rhodium 105
 NT1 rhodium 96
 NT1 rubidium 81
 NT1 samarium 145
 NT1 samarium 151
 NT1 scandium 46
 NT1 selenium 79
 NT1 selenium 81
 NT1 silver 103
 NT1 silver 105
 NT1 silver 107
 NT1 silver 109
 NT1 silver 111
 NT1 silver 99
 NT1 tantalum 182
 NT1 technetium 96
 NT1 technetium 97
 NT1 technetium 99
 NT1 tellurium 121
 NT1 tellurium 123
 NT1 tellurium 125
 NT1 terbium 151
 NT1 terbium 157
 NT1 terbium 158
 NT1 thallium 198

NT1 thorium 234
 NT1 thulium 159
 NT1 thulium 161
 NT1 tin 113
 NT1 tin 119
 NT1 tin 121
 NT1 tungsten 176
 NT1 tungsten 181
 NT1 tungsten 185
 NT1 uranium 230
 NT1 uranium 235
 NT1 uranium 240
 NT1 xenon 125
 NT1 xenon 129
 NT1 xenon 131
 NT1 xenon 133
 NT1 ytterbium 164
 NT1 ytterbium 165
 NT1 ytterbium 166
 NT1 ytterbium 177
 NT1 yttrium 86
 RT internal conversion

INTERNAL ELECTROMAGNETIC PULSES

*BT1 electromagnetic pulses
 RT electron emission

INTERNAL FRICTION

UF friction (internal)
 BT1 friction
 RT bordoni peak
 RT crystal defects
 RT damping
 RT hysteresis
 RT viscosity

INTERNAL IONIZATION

BT1 ionization
 RT beta decay

INTERNAL IRRADIATION

UF absorbed fraction (internal irradiation)
 UF effective energy (internal irradiation)
 BT1 irradiation
 RT afterloading
 RT brachytherapy
 RT critical organs
 RT dose commitments
 RT radiation source implants
 RT radionuclide kinetics
 RT unsealed sources

INTERNAL MARKET

INIS: 1995-03-02; ETDE: 1995-01-03
 (Until December 1994 this concept was indexed to COMMON MARKET.)
 UF common market
 UF european economic community
 UF single market
 *BT1 european union

internal medicine

USE medicine

INTERNAL PAIR PRODUCTION

Creation of an electron-positron pair by internal conversion of a nucleus with excitation of more than 1.022 MeV.
 UF pair conversion
 *BT1 pair production
 RT decay
 RT internal conversion

internal revenue service

INIS: 2000-04-12; ETDE: 1978-04-06
 USE us irs

INTERNAL RING DEVICES

1996-07-08
 *BT1 closed plasma devices

NT1 fm devices
 NT1 levitron devices
 NT1 lm devices
 NT1 spherator
 NT1 tokapole devices
 NT1 tornado devices
 RT minimum average-b configurations
 RT multipolar configurations

INTERNAL WAVES

INIS: 2000-04-12; ETDE: 1982-02-23
A wave motion of a stably stratified fluid in which the maximum vertical motion takes place below the surface of the fluid.
 RT energy transfer
 RT water waves
 RT wave propagation

international affairs

INIS: 1994-09-09; ETDE: 1980-05-06
 USE international relations

INTERNATIONAL AGREEMENTS

Including agreements involving international organizations. The countries or organizations parties to the agreement are also indexed if appropriate.

BT1 agreements
 NT1 atomic energy agreements
 NT1 bilateral agreements
 NT1 iaea agreements
 NT1 multilateral agreements
 NT2 bcoclmcnm
 NT2 bcolons
 NT2 bcstpc
 NT2 canare
 NT2 cenna
 NT2 cppnm
 NT2 cscnd
 NT2 international convention on nuclear safety
 NT2 kyoto protocol
 NT2 lcpmpdpw
 NT2 paris agreement
 NT2 pcotpl
 NT2 rio declaration
 NT2 solas convention
 NT2 unfccc
 NT2 vcoclnld
 RT coordinated research programs
 RT foreign policy
 RT international cooperation
 RT international relations
 RT north star project
 RT nuclear freeze
 RT rarotonga treaty
 RT treaties

international atomic energy agency

1993-11-08
 USE iaea

international center for theoretical physics

INIS: 1993-11-08; ETDE: 2002-06-13
 USE ictp

international commission on radiation units and measurements

2006-05-22
 USE icru

international commission radiological protection

1993-11-08
 USE icrp

INTERNATIONAL CONTROL

*BT1 atomic energy control
 RT international cooperation

INTERNATIONAL CONVENTION ON NUCLEAR SAFETY

INIS: 2002-02-04; ETDE: 2005-01-28
 (Prior to January 2005 ICNS was used for this concept.)

UF convention on nuclear safety
 UF icns (international convention on nuclear safety)
 UF nuclear safety convention
 *BT1 multilateral agreements
 RT iaea
 RT radiation protection
 RT reactor safety

INTERNATIONAL COOPERATION

1996-01-09
The cooperating countries or organizations are also indexed if appropriate.

BT1 cooperation
 RT coordinated research programs
 RT dumanid project
 RT embargoes
 RT euromarket
 RT foreign policy
 RT ifiec
 RT international agreements
 RT international control
 RT international nuclear data committee
 RT international organizations
 RT international relations
 RT military assistance
 RT multinational enterprises
 RT technology transfer

INTERNATIONAL ELECTROTECHNICAL COMMISSION

2004-09-14
 UF iec (international electrotechnical commission)
 BT1 international organizations
 RT iso
 RT recommendations
 RT standards
 RT standards document

INTERNATIONAL ENERGY AGENCY

INIS: 1977-04-07; ETDE: 1976-03-11
 UF iea
 BT1 international organizations
 RT energy policy
 RT energy shortages
 RT etde
 RT oecd

international federation of industrial energy consumers

INIS: 1993-11-08; ETDE: 2002-06-13
 USE ifiec

international food irradiation project

INIS: 1993-11-08; ETDE: 2002-06-13
 USE ifip

international fusion superconducting magnet test facility

INIS: 2000-04-12; ETDE: 1987-04-08
 IFSMTF.
 (From February 1979 to March 1997 LARGE COIL PROGRAM was a valid ETDE descriptor.)
 USE test facilities

INTERNATIONAL GEOPHYSICAL YEAR

UF igy
 RT geophysics
 RT sun

international labour organisation

1993-11-08
 USE ilo

INTERNATIONAL LAWS

1990-12-15
 (Prior to December 1990, this descriptor was spelled INTERNATIONAL LAW.)
 BT1 laws
 RT treaties

INTERNATIONAL LINEAR COLLIDER

2015-09-08
A proposed linear electron-positron collider with collision energy up to 500 GeV.
 UF ilc
 *BT1 linear colliders

INTERNATIONAL MAGNETOSPHERIC STUDY

INIS: 1990-12-15; ETDE: 1977-10-20
The study covers the years 1976-1978. (Prior to December 1990, this descriptor was spelled INTERNATL MAGNETOSPHERIC STUDY, and documents were indexed with this spelling.)

UF ims
 UF internatl magnetospheric study
 RT earth magnetosphere
 RT geomagnetic field
 RT magnetopause
 RT magnetosheath
 RT magnetotail
 RT plasmapause
 RT plasmasphere

international maritime consultative organization

1993-11-08
 USE imo

international maritime organization

2001-07-19
 USE imo

INTERNATIONAL NUCLEAR DATA COMMITTEE

INIS: 1976-07-16; ETDE: 1978-01-23
 UF indc
 BT1 international organizations
 RT international cooperation
 RT nuclear data collections
 RT us nuclear data network

INTERNATIONAL NUCLEAR EVENT SCALE

1995-05-10
 UF ines
 RT emergency plans
 RT fission product release
 RT radiation accidents
 RT radiation protection
 RT reactor accidents
 RT reactor safety

international nuclear information system

1993-11-08
 USE inis

INTERNATIONAL ORGANIZATIONS

1998-06-10
 UF ccms
 UF oas
 UF organization of american states
 NT1 abacc
 NT1 arab atomic energy agency
 NT1 cen
 NT1 cern

NT1 comecon
NT1 ctbto
NT1 esa
NT1 esarda
NT1 eurodif
NT1 european union
NT2 ecsc
NT2 euratom
NT2 internal market
NT1 fao
NT1 foratom
NT1 iaea
NT2 ictp
NT2 monaco marine environment laboratory
NT2 seibersdorf iaea laboratory
NT1 icrp
NT1 icru
NT1 ifiec
NT1 ilo
NT1 imo
NT1 international electrotechnical commission
NT1 international energy agency
NT1 international nuclear data committee
NT1 irpa
NT1 iso
NT1 jinr
NT1 nato
NT1 oapec
NT1 oecd
NT2 nea
NT1 olade
NT1 opec
NT1 sesame synchrotron laboratory
NT1 undp
NT1 unep
NT1 unesco
NT1 unidir
NT1 unido
NT1 united nations
NT1 unscear
NT1 uranium institute
NT1 wano
NT1 wenra
NT1 who
NT1 wmo
NT1 world bank
NT1 world energy council
RT coordinated research programs
RT international cooperation
RT member states
RT national organizations

INTERNATIONAL QUIET SUN YEAR

UF iqsy
RT sun

international radiation protection association

INIS: 1993-11-08; ETDE: 2002-06-13
USE irpa

INTERNATIONAL REGULATIONS

INIS: 1976-07-16; ETDE: 1976-09-15
***BT1** regulations
NT1 oecd mcmsdrw

INTERNATIONAL RELATIONS

INIS: 1994-09-09; ETDE: 1980-05-06
Political aspects of affairs between countries.
UF balance of power
UF international affairs
RT international agreements
RT international cooperation
RT salt talks
RT trade

INTERNATIONAL SOLAR

MAXIMUM YEAR

INIS: 1990-12-17; ETDE: 1981-08-04
Began in October 1979.
 (Prior to December 1990, this descriptor was spelled INTERNATL SOLAR MAXIMUM YEAR, and documents were indexed with this spelling.)
UF internatl solar maximum year
RT solar cycle
RT sun

INTERNATIONAL SPACE STATION

2005-10-13
UF iss orbital station
BT1 satellites
***BT1** space vehicles

international standard organization

1993-11-08
USE iso

international tokamak reactor

INIS: 1980-09-12; ETDE: 1980-10-07
USE intor tokamak

internatl magnetospheric study

INIS: 1990-12-15; ETDE: 2002-06-13
 (Prior to December 1990, this was a valid descriptor.)
USE international magnetospheric study

internatl solar maximum year

INIS: 1990-12-17; ETDE: 2002-06-13
 (Prior to December 1990, this was a valid descriptor.)
USE international solar maximum year

INTERNET

1995-10-27
For documents discussing the Internet.
BT1 computer networks
RT information dissemination

INTERPLANETARY MAGNETIC FIELDS

BT1 magnetic fields
RT interplanetary space

INTERPLANETARY SPACE

BT1 space
RT geocorona
RT interplanetary magnetic fields
RT solar system
RT zodiacal light

INTERPOLATION

***BT1** numerical solution
RT extrapolation
RT mathematics
RT runge-kutta method
RT spline functions

intersecting beams

USE colliding beams

intersecting storage accelerator

1993-11-08
USE isabelle storage rings

INTERSTELLAR GRAINS

BT1 particles
RT cosmic dust
RT cosmic gases
RT star accretion

INTERSTELLAR MAGNETIC FIELDS

BT1 magnetic fields
RT interstellar space

INTERSTELLAR SPACE

BT1 space
RT cosmic dust
RT cosmic gases
RT interstellar magnetic fields
RT milky way
RT star accretion

interstitial cell stim hormone

USE luteinizing hormone

INTERSTITIAL HELIUM GENERATION

INIS: 1990-12-15; ETDE: 1991-08-14
Generation of helium in the lattice structure of structural materials due to neutron irradiation.
 (Prior to December 1990, this concept was indexed by HELIUM GENERATION.)
UF helium generation
UF helium production rates
SF gas production rates
***BT1** physical radiation effects
RT damaging neutron fluence
RT helium embrittlement

INTERSTITIAL HYDROGEN GENERATION

INIS: 1990-12-15; ETDE: 1991-08-15
Generation of hydrogen in the lattice structure of structural materials due to neutron irradiation.
 (Prior to December 1990, this concept was indexed by HYDROGEN GENERATION.)
UF hydrogen generation
UF hydrogen production rates
SF gas production rates
***BT1** physical radiation effects
RT damaging neutron fluence
RT hydrogen embrittlement

INTERSTITIAL WATER

INIS: 1994-08-26; ETDE: 1976-08-04
Subsurface water contained in pore spaces between the grains of rock and sediments.
UF connate water
UF formation water
***BT1** ground water
RT natural gas wells
RT oil wells
RT pore pressure
RT reservoir fluids
RT reservoir rock
RT sandstones

INTERSTITIALS

1996-01-24
***BT1** point defects
NT1 i centers
RT crowdions

interuniversitair reactor instituut

ETDE: 1976-05-19
Delft, the Netherlands.
USE iri

INTERVENORS

INIS: 2000-04-03; ETDE: 1977-09-19
 (From July 1976 till February 1997 ADVERSARIES was a valid ETDE descriptor.)
SF adversaries
RT decision making
RT interest groups
RT legal aspects

interventions

INIS: 2000-04-12; ETDE: 1980-08-25
 (Prior to April 1994, this was a valid ETDE descriptor.)
USE administrative procedures

intervertebral disks

INIS: 1984-04-04; ETDE: 2002-06-13
 USE cartilage
 USE vertebrae

INTESTINAL ABSORPTION

UF absorption (intestinal)
 *BT1 absorption
 BT1 uptake
 RT digestion
 RT ingestion
 RT oral administration
 RT portal system
 RT rectal administration
 RT small intestine

INTESTINES

1996-07-18
 *BT1 gastrointestinal tract
 *BT1 organs
 NT1 large intestine
 NT2 rectum
 NT1 small intestine
 RT aerobacter
 RT ascaridae
 RT constipation
 RT crypt cells
 RT diarrhea
 RT enteritis
 RT escherichia coli
 RT portal system

INTOR TOKAMAK

INIS: 1980-09-12; ETDE: 1979-12-10
 International tokamak reactor.
 UF international tokamak reactor
 *BT1 tokamak devices

INTRACELLULAR DIGESTION

BT1 digestion
 RT animal cells
 RT phagocytosis

INTRAMUSCULAR INJECTION

*BT1 injection

intranuclear cascades

USE nuclear cascades

INTRAPERITONEAL INJECTION

*BT1 injection
 RT peritoneum

INTRATRACHEAL ADMINISTRATION

RT inhalation
 RT radionuclide administration
 RT trachea

INTRAVENOUS INJECTION

*BT1 injection
 RT veins

INTRINSIC FACTOR

*BT1 hematinics
 *BT1 mucoproteins
 RT anemias
 RT hormones
 RT stomach
 RT vitamin b-12

INTRONS

INIS: 1995-06-09; ETDE: 1994-02-25
 RT dna
 RT exons
 RT gene regulation
 RT genes
 RT rna
 RT splicing

intrusion

INIS: 2000-04-12; ETDE: 1978-04-06
 (Prior to October 1990 this was a valid ETDE descriptor.)
 SEE biointrusion
 SEE human intrusion
 SEE plutonic rocks
 SEE water influx

intrusion (animals)

INIS: 1985-07-23; ETDE: 2002-06-13
 USE biointrusion

intrusion (human)

INIS: 1985-07-23; ETDE: 2002-06-13
 USE human intrusion

intrusion (plants)

INIS: 1985-07-23; ETDE: 2002-06-13
 USE biointrusion

intrusion (rock)

INIS: 1985-07-23; ETDE: 2002-06-13
 Process of emplacement of fluid material into pre-existing rock. Coordinate the descriptor below with other appropriate descriptor(s), e.g. POSITIONING, PETROGENESIS.
 USE plutonic rocks

intrusion (water)

INIS: 1985-07-23; ETDE: 2002-06-13
 USE water influx

INTRUSION DETECTION SYSTEMS

INIS: 1999-01-05; ETDE: 1982-09-10
 SF adaptive intrusion data systems
 BT1 alarm systems
 RT detection
 RT motion detection systems
 RT nuclear materials management
 RT physical protection
 RT safeguards
 RT security

intrusive rocks

INIS: 1985-10-23; ETDE: 1985-11-13
 Rocks formed from emplacement of fluid material into pre-existing rock.
 USE plutonic rocks

INULIN

*BT1 polysaccharides
 RT polyacetals

invap (argentina)

2003-03-18
 USE argentine invap

INVAR

*BT1 iron base alloys
 *BT1 nickel alloys

INVARIANCE PRINCIPLES

NT1 c invariance
 NT1 charge independence
 NT1 conformal invariance
 NT1 cp invariance
 NT1 cpt theorem
 NT1 g-parity invariance
 NT1 gauge invariance
 NT1 lorentz invariance
 NT1 p invariance
 NT1 rotational invariance
 NT1 scale invariance
 NT1 t invariance
 NT2 detailed balance principle
 RT adiabatic invariance
 RT conservation laws
 RT fundamental interactions
 RT goldstone bosons
 RT symmetry

INVARIANT IMBEDDING

RT geometry
 RT topology
 RT transport theory

invention secrecy act

INIS: 2000-04-12; ETDE: 1980-04-14
 (Prior to January 1995, this was a valid ETDE descriptor.)
 SEE laws
 SEE secrecy protection

INVENTIONS

INIS: 1994-07-01; ETDE: 1979-10-23
 RT patents
 RT technology transfer

INVENTORIES

UF petroleum stocks
 UF stocks
 RT accounting
 RT availability
 RT losses
 RT material balance
 RT material unaccounted for
 RT safeguards
 RT shortages
 RT storage
 RT storage facilities

inverse pinch devices (linear)

USE linear hard core pinch devices

INVERSE SCATTERING PROBLEM

Problem of determining scattering potential from phase shifts.
 RT scattering

inversions (temperature)

INIS: 1976-10-29; ETDE: 2002-06-13
 USE temperature inversions

INVERTEBRATES

1997-06-17
 BT1 animals
 NT1 annelids
 NT1 arthropods
 NT2 arachnids
 NT3 mites
 NT3 scorpions
 NT3 spiders
 NT3 ticks
 NT2 crustaceans
 NT3 branchiopods
 NT4 artemia
 NT4 daphnia
 NT3 copepods
 NT3 decapods
 NT4 crabs
 NT4 lobsters
 NT4 prawns
 NT4 shrimp
 NT2 insects
 NT3 coleoptera
 NT4 beetles
 NT5 boll weevil
 NT5 tribolium
 NT3 dictyoptera
 NT4 cockroaches
 NT3 diptera
 NT4 flies
 NT5 fruit flies
 NT6 anastrepha
 NT6 ceratitis capitata
 NT6 dacus
 NT7 dacus oleae
 NT6 drosophila
 NT5 glossina
 NT5 hylemya antiqua
 NT5 screwworm fly
 NT4 mosquitoes

NT3 ephemeroptera
NT3 hemiptera
NT4 aphids
NT3 hymenoptera
NT4 ants
NT4 bees
NT4 wasps
NT3 lepidoptera
NT4 moths
NT5 bollworm
NT5 codling moth
NT5 lymantria dispar
NT5 rice stem borers
NT5 silkworm
NT3 orthoptera
NT4 grasshoppers
NT5 locusts
NT1 bryozoa
NT1 coelenterata
NT2 cnidaria
NT3 corals
NT3 hydra
NT1 echinoderms
NT2 sea urchins
NT1 molluscs
NT2 clams
NT2 mussels
NT2 oysters
NT2 snails
NT1 nematodes
NT2 ascaridae
NT3 ascaris
NT2 dictyocaulus
NT2 hookworm
NT2 trichinella
NT1 platyhelminths
NT2 cestodes
NT2 trematodes
NT3 fasciola
NT3 schistosoma
NT2 turbellaria
NT3 planaria
NT1 protozoa
NT2 ciliata
NT3 paramecium
NT3 tetrahymena
NT2 mastigophora
NT3 dinoflagellate
NT3 euglena
NT3 trypanosoma
NT2 sarcodina
NT3 amoeba
NT3 foraminifera
NT2 sporozoa
NT3 babesidae
NT3 plasmodium
NT1 rotifera
RT parasites

INVERTED STEPANOV METHOD

INIS: 1996-04-18; ETDE: 1980-02-11

An edge-defined film-growth method which uses nonwetted dies.

SF stepanov method
BT1 crystal growth methods
RT crystal growth
RT efg method
RT sheets

INVERTERS

INIS: 1976-09-06; ETDE: 1975-08-19

Excludes AC to DC converters for which use RECTIFIERS.

UF dc to ac inverters
***BT1** electrical equipment
RT dc to dc converters
RT power conditioning circuits
RT power supplies

investigations

INIS: 2000-04-12; ETDE: 1980-07-09

For inquiries in the legalistic sense; not for scientific studies.

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE administrative procedures

INVESTMENT

RT capital
RT cost
RT diversification
RT economics
RT euromarket
RT financing
RT interest rate
RT payback period
RT property values

inviscid flow

1986-03-04

USE ideal flow

INVOICES

Itemized lists of goods shipped, usually specifying the price and the terms of sale.

RT accounting
RT charges

IODATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

***BT1** iodine compounds
BT1 oxygen compounds
RT iodic acid

iodex process

2000-04-12

USE iodox process

IODIC ACID

***BT1** inorganic acids
***BT1** iodine compounds
BT1 oxygen compounds
RT iodates

IODIDES

1997-06-17

***BT1** halides
***BT1** iodine compounds
NT1 aluminium iodides
NT1 americium iodides
NT1 antimony iodides
NT1 argon iodides
NT1 arsenic iodides
NT1 astatine iodides
NT1 barium iodides
NT1 beryllium iodides
NT1 bismuth iodides
NT1 boron iodides
NT1 cadmium iodides
NT1 calcium iodides
NT1 californium iodides
NT1 cerium iodides
NT1 cesium iodides
NT1 chromium iodides
NT1 cobalt iodides
NT1 copper iodides
NT1 curium iodides
NT1 dysprosium iodides
NT1 einsteinium iodides
NT1 erbium iodides
NT1 europium iodides
NT1 fermium iodides
NT1 gadolinium iodides
NT1 gallium iodides
NT1 germanium iodides
NT1 gold iodides
NT1 hafnium iodides

NT1 holmium iodides
NT1 hydrogen iodides
NT1 indium iodides
NT1 iron iodides
NT2 iron halides
NT3 iron bromides
NT3 iron chlorides
NT3 iron fluorides
NT1 lanthanum iodides
NT1 lead iodides
NT1 lithium iodides
NT1 lutetium iodides
NT1 magnesium iodides
NT1 manganese iodides
NT1 mercury iodides
NT1 molybdenum iodides
NT1 neodymium iodides
NT1 neon iodides
NT1 neptunium iodides
NT1 nickel iodides
NT1 niobium iodides
NT1 nitrogen iodides
NT1 palladium iodides
NT1 phosphorus iodides
NT1 platinum iodides
NT1 plutonium iodides
NT1 polonium iodides
NT1 potassium iodides
NT1 praseodymium iodides
NT1 promethium iodides
NT1 protactinium iodides
NT1 rhenium iodides
NT1 rubidium iodides
NT1 samarium iodides
NT1 scandium iodides
NT1 selenium iodides
NT1 silicon iodides
NT1 silver iodides
NT1 sodium iodides
NT1 strontium iodides
NT1 tantalum iodides
NT1 technetium iodides
NT1 tellurium iodides
NT1 terbium iodides
NT1 thallium iodides
NT1 thorium iodides
NT1 thulium iodides
NT1 tin iodides
NT1 titanium iodides
NT1 tungsten iodides
NT1 uranium iodides
NT1 vanadium iodides
NT1 xenon iodides
NT1 ytterbium iodides
NT1 yttrium iodides
NT1 zinc iodides
NT1 zirconium iodides
RT oxyiodides

IODINATED ALICYCLIC HYDROCARBONS

2000-04-12

***BT1** halogenated alicyclic hydrocarbons
***BT1** organic iodine compounds

IODINATED ALIPHATIC HYDROCARBONS

1991-09-30

(Prior to October 1991, this concept was indexed by ORGANIC IODINE COMPOUNDS.)

***BT1** halogenated aliphatic hydrocarbons
***BT1** organic iodine compounds
NT1 iodoform
NT1 methyl iodide

IODINATED AROMATIC HYDROCARBONS

1991-10-01

***BT1** halogenated aromatic hydrocarbons

*BT1 organic iodine compounds

iodinated hydrocarbons

ETDE: 2002-06-13

USE organic iodine compounds

IODINATION

*BT1 halogenation

RT deiodination

IODINE

UF iodine iodides

*BT1 halogens

RT iodine additions

RT iodox process

RT lugol

RT thyroglobulin

RT thyroid

RT thyroid hormones

IODINE 108

INIS: 1991-03-22; ETDE: 1991-04-09

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

IODINE 109

INIS: 1984-06-21; ETDE: 1984-07-10

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 microseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 proton decay radioisotopes

IODINE 110

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

IODINE 111

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

IODINE 112

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

IODINE 113

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

IODINE 114

INIS: 1978-02-23; ETDE: 1978-03-08

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

IODINE 115

1978-07-03

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

IODINE 116

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 isomeric transition isotopes

*BT1 microseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

IODINE 117

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

IODINE 118

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

IODINE 119

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

IODINE 120

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

IODINE 121

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 isomeric transition isotopes

*BT1 microseconds living radioisotopes

*BT1 odd-even nuclei

IODINE 122

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 isomeric transition isotopes

*BT1 microseconds living radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

IODINE 123

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 odd-even nuclei

IODINE 124

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 odd-odd nuclei

IODINE 125

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 internal conversion radioisotopes

*BT1 iodine isotopes

*BT1 odd-even nuclei

IODINE 126

*BT1 beta-minus decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 odd-odd nuclei

IODINE 127

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 odd-even nuclei

*BT1 stable isotopes

IODINE 127 BEAMS

INIS: 1979-04-27; ETDE: 1979-05-25

*BT1 ion beams

IODINE 127 REACTIONS

1984-05-28

*BT1 heavy ion reactions

IODINE 127 TARGET

ETDE: 1976-07-09

BT1 targets

IODINE 128

*BT1 beta-minus decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

IODINE 128 TARGET

INIS: 1984-07-20; ETDE: 1984-08-20

BT1 targets

IODINE 129

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 internal conversion radioisotopes

*BT1 iodine isotopes

*BT1 odd-even nuclei

*BT1 years living radioisotopes

IODINE 129 TARGET

ETDE: 1976-07-09

BT1 targets

IODINE 130

*BT1 beta-minus decay radioisotopes

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 internal conversion radioisotopes

*BT1 iodine isotopes

*BT1 isomeric transition isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

IODINE 131

*BT1 beta-minus decay radioisotopes

*BT1 days living radioisotopes

*BT1 intermediate mass nuclei

*BT1 iodine isotopes

*BT1 odd-even nuclei

IODINE 132

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 iodine isotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei

IODINE 133

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 iodine isotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

IODINE 134

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

IODINE 135

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 odd-even nuclei

IODINE 136

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

IODINE 137

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

IODINE 138

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

IODINE 139

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

IODINE 140

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

IODINE 141

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

IODINE 142

INIS: 1986-04-28; ETDE: 1986-07-03

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

IODINE 143

2007-11-01

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 odd-even nuclei

IODINE 144

2007-11-01

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iodine isotopes
- *BT1 odd-odd nuclei

IODINE ADDITIONS

INIS: 1976-07-16; ETDE: 1976-09-15

RT iodine

IODINE BROMIDES

UF bromine iodides

*BT1 bromides

*BT1 iodine halides

IODINE CHLORIDES

UF chlorine iodides

*BT1 chlorides

*BT1 iodine halides

IODINE COMPLEXES

BT1 complexes

IODINE COMPOUNDS

BT1 halogen compounds

NT1 hydriodic acid

NT1 hypiodous acid

NT1 iodates

NT1 iodic acid

NT1 iodides

NT2 aluminium iodides

NT2 americium iodides

NT2 antimony iodides

NT2 argon iodides

NT2 arsenic iodides

NT2 astatine iodides

NT2 barium iodides

NT2 beryllium iodides

NT2 bismuth iodides

NT2 boron iodides

NT2 cadmium iodides

NT2 calcium iodides

NT2 californium iodides

NT2 cerium iodides

NT2 cesium iodides

NT2 chromium iodides

NT2 cobalt iodides

NT2 copper iodides

NT2 curium iodides

NT2 dysprosium iodides

NT2 einsteinium iodides

NT2 erbium iodides

NT2 europium iodides

NT2 fermium iodides

NT2 gadolinium iodides

NT2 gallium iodides

NT2 germanium iodides

NT2 gold iodides

NT2 hafnium iodides

NT2 holmium iodides

NT2 hydrogen iodides

NT2 indium iodides

NT2 iron iodides

NT3 iron halides

NT4 iron bromides

NT4 iron chlorides

NT4 iron fluorides

NT2 lanthanum iodides

NT2 lead iodides

NT2 lithium iodides

NT2 lutetium iodides

NT2 magnesium iodides

NT2 manganese iodides

NT2 mercury iodides

NT2 molybdenum iodides

NT2 neodymium iodides

NT2 neon iodides

NT2 neptunium iodides

NT2 nickel iodides

NT2 niobium iodides

NT2 nitrogen iodides

NT2 palladium iodides

NT2 phosphorus iodides

NT2 platinum iodides

NT2 plutonium iodides

NT2 polonium iodides

NT2 potassium iodides

NT2 praseodymium iodides

NT2 promethium iodides

NT2 protactinium iodides

NT2 rhenium iodides

NT2 rubidium iodides

NT2 samarium iodides

NT2 scandium iodides

NT2 selenium iodides

NT2 silicon iodides

NT2 silver iodides

NT2 sodium iodides

NT2 strontium iodides

NT2 tantalum iodides

NT2 technetium iodides

NT2 tellurium iodides

NT2 terbium iodides

NT2 thallium iodides

NT2 thorium iodides

NT2 thulium iodides

NT2 tin iodides

NT2 titanium iodides

NT2 tungsten iodides

NT2 uranium iodides

NT2 vanadium iodides

NT2 xenon iodides

NT2 ytterbium iodides

NT2 yttrium iodides

NT2 zinc iodides

NT2 zirconium iodides

NT1 iodine halides

NT2 iodine bromides

NT2 iodine chlorides

NT2 iodine fluorides

NT1 iodine oxides

NT1 oxyiodides

NT1 periodates

NT1 periodic acid

RT organic iodine compounds

IODINE FLUORIDES

UF fluorine iodides

*BT1 fluorides

*BT1 iodine halides

IODINE HALIDES

2012-07-19

*BT1 halides

*BT1 iodine compounds

NT1 iodine bromides

NT1 iodine chlorides

NT1 iodine fluorides

iodine iodides

USE iodine

IODINE IONS

*BT1 ions

IODINE ISOTOPES

1999-07-16

BT1 isotopes

NT1 iodine 108

NT1 iodine 109

NT1 iodine 110

NT1 iodine 111
NT1 iodine 112
NT1 iodine 113
NT1 iodine 114
NT1 iodine 115
NT1 iodine 116
NT1 iodine 117
NT1 iodine 118
NT1 iodine 119
NT1 iodine 120
NT1 iodine 121
NT1 iodine 122
NT1 iodine 123
NT1 iodine 124
NT1 iodine 125
NT1 iodine 126
NT1 iodine 127
NT1 iodine 128
NT1 iodine 129
NT1 iodine 130
NT1 iodine 131
NT1 iodine 132
NT1 iodine 133
NT1 iodine 134
NT1 iodine 135
NT1 iodine 136
NT1 iodine 137
NT1 iodine 138
NT1 iodine 139
NT1 iodine 140
NT1 iodine 141
NT1 iodine 142
NT1 iodine 143
NT1 iodine 144

IODINE LASERS

1995-07-21

*BT1 gas lasers

IODINE NUMBER

2000-04-12

A measure of the unsaturation of a substance, as an oil or fat.

RT chemical composition

IODINE OXIDES

*BT1 iodine compounds

*BT1 oxides

RT oxyiodides

iodochloroquine

INIS: 1996-10-23; ETDE: 1981-09-22

(Until October 1996 this was a valid descriptor.)

USE organic chlorine compounds

USE organic iodine compounds

IODODEOXYURIDINE

UF iudr

*BT1 iodouracils

*BT1 nucleosides

RT deoxyuridine

ODOFORM

*BT1 iodinated aliphatic hydrocarbons

RT hydrocarbons

RT methane

iodohippurate

INIS: 1975-10-23; ETDE: 2002-06-13

USE hippuran

iodohippurate-na

INIS: 2000-04-12; ETDE: 1980-08-12

USE hippuran

IODOMETRY

*BT1 titration

iodopyracet

1996-07-18

(Prior to March 1997 DIODRAST was used for this concept inETDE.)

USE contrast media

USE heterocyclic acids

USE organic iodine compounds

USE pyridines

IODOURACILS

*BT1 antimetabolites

*BT1 organic iodine compounds

*BT1 uracils

NT1 iododeoxyuridine

IODOX PROCESS

UF iodex process

*BT1 reprocessing

RT iodine

RT methyl iodide

RT radioactive waste processing

ioglycamic acid

INIS: 1996-10-23; ETDE: 1975-12-16

(Until October 1996 this was a valid descriptor.)

USE amides

USE ethers

USE monocarboxylic acids

USE organic iodine compounds

IOHEXOL

INIS: 1983-06-30; ETDE: 1983-07-20

BT1 contrast media

ION ACOUSTIC WAVES

1997-04-30

Non-dispersive ion waves.

UF non-dispersive ion waves

UF nondispersive ion waves

*BT1 ion waves

RT sonic probes

RT sound waves

ION-ATOM COLLISIONS

UF proton-atom collisions

*BT1 atom collisions

*BT1 ion collisions

RT electron-promotion model

ION BEAM FUSION REACTORS

INIS: 1995-07-21; ETDE: 1983-02-09

UF i-beam type reactors

UF ion beam type reactors

BT1 thermonuclear reactors

RT icf devices

RT inertial confinement

RT inertial fusion drivers

RT particle beam fusion accelerator

ION BEAM INJECTION

BT1 beam injection

NT1 molecular ion beam injection

ION BEAM TARGETS

INIS: 1982-11-30; ETDE: 1978-09-11

SF icf targets

SF inertial confinement fusion targets

BT1 targets

RT electron beam targets

RT inertial confinement

RT laser targets

RT thermonuclear fuels

ion beam type reactors

INIS: 1982-11-30; ETDE: 1976-09-15

USE ion beam fusion reactors

ION BEAMS

1996-07-18

BT1 beams

NT1 aluminium 27 beams

NT1 beryllium 9 beams

NT1 bismuth 209 beams

NT1 boron 10 beams

NT1 boron 11 beams

NT1 bromine 79 beams

NT1 calcium 40 beams

NT1 calcium 48 beams

NT1 carbon 12 beams

NT1 carbon 13 beams

NT1 chlorine 35 beams

NT1 chlorine 37 beams

NT1 copper 63 beams

NT1 deuteron beams

NT1 fluorine 19 beams

NT1 gadolinium 155 beams

NT1 germanium 74 beams

NT1 germanium 76 beams

NT1 gold 197 beams

NT1 helium 3 beams

NT1 helium 4 beams

NT2 alpha beams

NT1 hydrogen 1 minus beams

NT1 iodine 127 beams

NT1 iron 56 beams

NT1 iron 58 beams

NT1 krypton 84 beams

NT1 krypton 86 beams

NT1 lanthanum 139 beams

NT1 lead 208 beams

NT1 lithium 6 beams

NT1 lithium 7 beams

NT1 magnesium 24 beams

NT1 magnesium 25 beams

NT1 neon 20 beams

NT1 neon 22 beams

NT1 nickel 58 beams

NT1 nickel 60 beams

NT1 nitrogen 14 beams

NT1 nitrogen 15 beams

NT1 oxygen 16 beams

NT1 oxygen 18 beams

NT1 phosphorus 31 beams

NT1 potassium 39 beams

NT1 potassium 41 beams

NT1 radioactive ion beams

NT2 aluminium 26 beams

NT2 argon 38 beams

NT2 argon 39 beams

NT2 argon 40 beams

NT2 beryllium 10 beams

NT2 beryllium 11 beams

NT2 beryllium 7 beams

NT2 boron 12 beams

NT2 boron 8 beams

NT2 carbon 10 beams

NT2 carbon 11 beams

NT2 carbon 14 beams

NT2 chlorine 39 beams

NT2 helium 6 beams

NT2 helium 8 beams

NT2 lithium 11 beams

NT2 lithium 8 beams

NT2 neon 19 beams

NT2 nitrogen 13 beams

NT2 sulfur 38 beams

NT2 triton beams

NT2 uranium 238 beams

NT1 silicon 28 beams

NT1 silicon 29 beams

NT1 silver 107 beams

NT1 sodium 23 beams

NT1 sulfur 32 beams

NT1 tin 120 beams

NT1 titanium 48 beams

NT1 titanium 50 beams

NT1 tungsten 184 beams

NT1 xenon 129 beams

NT1 xenon 131 beams

NT1 xenon 132 beams

NT1 xenon 136 beams
RT anions
RT beam strippers
RT cations
RT charge distribution
RT charged particles
RT heavy ions
RT ion implantation
RT ion probes
RT ion scattering analysis
RT ion spectroscopy
RT ions
RT light ions
RT migma devices
RT particle beams
RT sputtering

ion blocking

USE ion channeling

ION CHANNELING

UF ion blocking
BT1 channeling
RT crystal lattices
RT ions

ion clusters

USE ion pairs

ION COLLISIONS

BT1 collisions
NT1 electron-ion collisions
NT1 ion-atom collisions
NT1 ion-ion collisions
NT1 ion-molecule collisions
NT1 photon-ion collisions
NT1 positron-ion collisions

ION CYCLOTRON-RESONANCE

INIS: 1983-12-01; *ETDE*: 1984-01-27

UF icr
**BT1* cyclotron resonance
RT icr heating

ion cyclotron-resonance heating

USE icr heating

ION CYCLOTRON RESONANCE SPECTROSCOPY

INIS: 2000-04-12; *ETDE*: 1976-03-22

**BT1* ion spectroscopy
RT cyclotron resonance

ION DENSITY

UF density (ion)
RT ions

ION DETECTION

**BT1* charged particle detection
RT heavy ions
RT ion dosimetry
RT ions
RT light ions

ION DOSIMETRY

BT1 dosimetry
RT ion detection

ion-drag accelerators

USE electron-ring accelerators

ION DRIFT

UF drift (ion)
RT ambipolar diffusion
RT ions

ION EMISSION

BT1 emission
RT field emission

ION EXCHANGE

UF cation exchange capacity
UF exchange (ion)

UF ligand exchange
RT demineralization
RT desalination
RT distribution functions
RT ion exchange chromatography
RT separation processes

ION EXCHANGE CHROMATOGRAPHY

**BT1* chromatography
RT distribution functions
RT ion exchange
RT ion exchange materials
RT leaching
RT resins

ION EXCHANGE MATERIALS

UF decalco
UF ion exchange membranes
BT1 materials
NT1 inorganic ion exchangers
NT2 bentonite
NT2 montmorillonite
NT2 mullite
NT2 vermiculite
NT2 zeolites
NT3 clinoptilolite
NT3 faujasite
NT3 heulandite
NT3 laumontite
NT3 mordenite
NT3 wairakite
NT1 liquid ion exchangers
NT1 mixed bed ion exchangers
NT1 organic ion exchangers
NT2 polystyrene-dvb
RT anions
RT cations
RT graft polymers
RT ion exchange chromatography
RT leaching
RT resins
RT silica gel

ion exchange membranes

USE ion exchange materials
 USE membranes

ION IMPLANTATION

RT crystal doping
RT crystals
RT doped materials
RT inclusions
RT ion beams
RT ions
RT trace amounts

ION-ION COLLISIONS

**BT1* ion collisions

ION MICROPROBE ANALYSIS

UF sims
BT1 microanalysis
**BT1* nondestructive analysis
RT ion probes

ION MICROSCOPES

BT1 microscopes

ION MICROSCOPY

UF field emission microscopy
UF field ion microscopy
BT1 microscopy
RT field emission

ION MOBILITY

ETDE: 1975-07-29

**BT1* particle mobility
RT ions

ION-MOBILITY DETECTORS

INIS: 1999-12-31; *ETDE*: 1980-03-04
 Ionization chambers with a corona discharge
 ionization source for vapor analysis.

BT1 measuring instruments
RT drift chambers
RT gas analysis
RT ionization chambers

ION-MOLECULE COLLISIONS

UF proton-molecule collisions
**BT1* ion collisions
**BT1* molecule collisions

ION-NEUTRALIZATION SPECTROSCOPY

BT1 spectroscopy

ION PAIRS

UF clusters (ion)
UF ion clusters
RT atomic clusters
RT ions

ION PLASMA WAVES

Dispersive ion waves.
UF dispersive ion waves
**BT1* ion waves

ION PROBES

BT1 probes
RT chemical analysis
RT deuteron probes
RT ion beams
RT ion microprobe analysis
RT ion sources
RT proton probes
RT secondary beams
RT secondary emission

ION PROPULSION

INIS: 1976-02-18; *ETDE*: 1976-04-19
 Vehicular motion caused by reaction from the
 high-speed discharge of a beam of ions.
BT1 propulsion
RT ion thrusters

ION RINGS

INIS: 1975-12-19; *ETDE*: 1976-08-24
RT confinement
RT magnetic confinement
RT minimum-b configurations

ION SCATTERING ANALYSIS

**BT1* nondestructive analysis
RT ion beams
RT radiation scattering analysis
RT scattering

ION SELECTIVE ELECTRODE ANALYSIS

BT1 chemical analysis
RT electrodes

ION-SELECTIVE ELECTRODES

INIS: 2000-04-12; *ETDE*: 1982-07-27
BT1 electrodes

ION SOURCES

NT1 alpha sources
NT1 charge-exchange ion sources
NT1 ecr ion sources
NT1 electron beam ion sources
NT1 electron-impact ion sources
NT1 high-charge-state ion sources
NT1 high-current ion sources
NT1 laser ion sources
NT2 laser-plasma ion sources
NT2 resonant-ionization laser ion sources
NT1 plasma ion sources
NT2 arc-discharge ion sources

- NT3 vacuum-arc ion sources
- NT4 mevva ion sources
- NT2 glow-discharge ion sources
- NT2 magnetron ion sources
- NT2 microwave ion sources
- NT2 multi-cusp ion sources
- NT2 penning ion sources
- NT2 plasmatron ion sources
- NT3 duoplasmatrons
- NT3 triplasmatoms
- NT2 rf ion sources
- NT1 surface ion sources
- RT atomic beam sources
- RT ion probes
- RT ions
- RT neutral beam sources
- RT particle sources

ION SPECTROSCOPY

- UF beam-foil spectroscopy
- UF beam-gas spectroscopy
- BT1 spectroscopy
- NT1 ion cyclotron resonance spectroscopy
- RT ion beams
- RT rutherford backscattering spectroscopy

ION TEMPERATURE

- UF plasma temperature
- UF temperature (ion)
- RT energy
- RT ions

ION THRUSTERS

INIS: 1975-10-23; ETDE: 1975-12-16

- BT1 thrusters
- RT ion propulsion
- RT propulsion
- RT propulsion systems
- RT surface ionization

ION WAVE INSTABILITY

- *BT1 plasma microinstabilities
- RT bernstein mode

ION WAVES

- BT1 plasma waves
- NT1 ion acoustic waves
- NT1 ion plasma waves
- RT bernstein mode

IONIC COMPOSITION

- RT chemical composition
- RT ionosphere
- RT ions
- RT plasma

IONIC CONDUCTIVITY

- *BT1 electric conductivity
- NT1 proton conductivity

IONIC CRYSTALS

- BT1 crystals

ionic liquids

2010-11-02

- USE molten salts

ionic potential

INIS: 2000-04-12; ETDE: 1979-02-23

Valence divided by ionic radius.

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE valence

ionic reactions

- USE chemical reactions
- USE ions

ionics electrolytic regeneration process

INIS: 2000-04-12; ETDE: 1977-04-12

Electrolytic cell technology to convert sodium sulfate solution to caustic and sulfuric acid. Sulfate ions formed by oxidation are purged from the scrubbing loop as dilute sulfuric acid.

(Prior to January 1995, this was a valid ETDE descriptor.)

- USE desulfurization

IONIZATION

- UF discharges (ionization)
- NT1 autoionization
- NT1 coulomb ionization
- NT1 inner-shell ionization
- NT1 internal ionization
- NT1 photoionization
- NT1 surface ionization
- NT2 adiabatic surface ionization
- RT beam neutralization
- RT bragg curve
- RT buildup
- RT charge exchange
- RT charge states
- RT dissociation
- RT electron attachment
- RT electron detachment
- RT electron loss
- RT energy absorption
- RT energy losses
- RT fano factor
- RT ionization potential
- RT ionizing radiations
- RT jesse effect
- RT kerma
- RT let
- RT penning effect
- RT plasma production
- RT plasma seeding
- RT radiation quality
- RT wall effects

ionization calorimeters

2000-04-12

- USE shower counters

ionization chamber smoke detectors

INIS: 1993-11-08; ETDE: 2002-06-13

- USE smoke detectors

IONIZATION CHAMBERS

- *BT1 radiation detectors
- NT1 boron coated ion chambers
- NT1 bragg gray chambers
- NT1 condenser ionization chambers
- NT1 extrapolation chambers
- NT1 fission chambers
- NT1 liquid ionization chambers
- NT1 multiwire ionization chambers
- RT avalanche quenching
- RT campbelling circuits
- RT electron-capture detectors
- RT ion-mobility detectors
- RT multiwire proportional chambers
- RT wall effects
- RT wall-less counters

IONIZATION FRONT ACCELERATORS

INIS: 1991-12-17; ETDE: 1979-05-25

Collective effect accelerator that produces controlled motion of a potential well at the head of an intense relativistic electron beam.

- *BT1 collective accelerators

IONIZATION GAGES

- *BT1 vacuum gages
- NT1 bayard-alpert gages

- NT1 philips gages
- NT1 radioactive ionization gages

ionization loss

- USE energy losses

IONIZATION POTENTIAL

- RT binding energy
- RT electric potential
- RT electronegativity
- RT ionization
- RT plasma seeding

IONIZED GASES

- *BT1 gases
- NT1 fully ionized gases
- NT2 lorentz gas
- NT1 strongly ionized gases
- NT1 weakly ionized gases
- RT fokker-planck equation
- RT plasma

IONIZING RADIATIONS

- BT1 radiations
- NT1 alpha particles
- NT2 cosmic alpha particles
- NT2 delayed alpha particles
- NT2 solar alpha particles
- NT1 beta particles
- NT1 cosmic radiation
- NT2 cosmic neutrinos
- NT2 cosmic photons
- NT2 cosmic protons
- NT2 hard component
- NT2 primary cosmic radiation
- NT3 cosmic alpha particles
- NT3 cosmic gamma bursts
- NT3 cosmic nuclei
- NT3 cosmic x-ray bursts
- NT2 secondary cosmic radiation
- NT3 cosmic electrons
- NT3 cosmic kaons
- NT3 cosmic muons
- NT3 cosmic neutrons
- NT3 cosmic pions
- NT3 cosmic positrons
- NT3 cosmic showers
- NT4 extensive air showers
- NT2 soft component
- NT1 gamma radiation
- NT2 delayed gamma radiation
- NT2 prompt gamma radiation
- NT1 skyshine
- NT1 x radiation
- NT2 hard x radiation
- NT2 soft x radiation
- RT buildup
- RT delta rays
- RT dose equivalents
- RT energy losses
- RT environmental exposure
- RT ionization
- RT mutagens
- RT occupational exposure
- RT teratogens

IONOGRAPHIC IMAGING

INIS: 1999-03-30; ETDE: 1976-08-24

A process whereby a pattern of electrical charges is formed on a foil by the accumulation of ions from a gas of high atomic number ionized by the incident radiation.

- *BT1 biomedical radiography

ionophoresis

- USE electrophoresis

IONOSONDES

- *BT1 radio equipment
- RT measuring instruments

RT space vehicles

IONOSPHERE

UF ionospheric effects

BT1 earth atmosphere

NT1 c region

NT1 d region

NT1 e region

NT2 sporadic e

NT1 f region

NT2 f1 layer

NT2 f2 layer

NT2 spread f

RT auroral hiss

RT auroral oval

RT auroral zones

RT critical frequency

RT harang discontinuity

RT ionic composition

RT midday aurorae

RT polar-cap aurorae

RT polar cusp

RT scale height

RT sudden ionospheric disturbance

RT travelling ionospheric disturbance

RT virtual height

ionospheric effects

INIS: 2000-04-12; ETDE: 1982-05-12

(Prior to March 1997 this was a valid ETDE descriptor.)

USE disturbances

USE ionosphere

IONOSPHERIC STORMS

1975-11-07

BT1 disturbances

NT1 sudden ionospheric disturbance

NT1 travelling ionospheric disturbance

RT f region

RT magnetic storms

IONS

1996-07-18

Ions in liquid and solid solutions are indexed as compounds; ions in gases by the precoordinated descriptor consisting of the element name and the word IONS; ions in beams by assigning either the specific descriptor if available, e.g. ARGON 40 BEAMS or the isotope name together with ION BEAMS.

UF ionic reactions

BT1 charged particles

NT1 actinium ions

NT1 aluminium ions

NT1 americium ions

NT1 anions

NT2 heteropolyanions

NT2 hydrogen ions 1 minus

NT1 antimony ions

NT1 argon ions

NT1 arsenic ions

NT1 astatine ions

NT1 atomic ions

NT1 barium ions

NT1 berkelium ions

NT1 beryllium ions

NT1 bismuth ions

NT1 bohrium ions

NT1 boron ions

NT1 bromine ions

NT1 cadmium ions

NT1 calcium ions

NT1 californium ions

NT1 carbon ions

NT1 cations

NT2 hydrogen ions 1 plus

NT2 hydrogen ions 2 plus

NT2 hydrogen ions 3 plus

NT1 cerium ions

NT1 cesium ions

NT1 chlorine ions

NT1 chromium ions

NT1 cobalt ions

NT1 copernicium ions

NT1 copper ions

NT1 curium ions

NT1 darmstadtium ions

NT1 deuterium ions

NT1 dubnium ions

NT1 dysprosium ions

NT1 einsteinium ions

NT1 erbium ions

NT1 europium ions

NT1 fermium ions

NT1 flerovium ions

NT1 fluorine ions

NT1 francium ions

NT1 gadolinium ions

NT1 gallium ions

NT1 germanium ions

NT1 gold ions

NT1 hafnium ions

NT1 hassium ions

NT1 heavy ions

NT1 helium ions

NT2 helium ash

NT1 holmium ions

NT1 hydrogen ions

NT2 hydrogen ions 1 minus

NT2 hydrogen ions 1 plus

NT2 hydrogen ions 2 plus

NT2 hydrogen ions 3 plus

NT1 indium ions

NT1 iodine ions

NT1 iridium ions

NT1 iron ions

NT1 krypton ions

NT1 lanthanum ions

NT1 lawrencium ions

NT1 lead ions

NT1 light ions

NT1 lithium ions

NT1 livermorium ions

NT1 lutetium ions

NT1 magnesium ions

NT1 manganese ions

NT1 meitnerium ions

NT1 mendelevium ions

NT1 mercury ions

NT1 molecular ions

NT2 hydrogen ions 2 plus

NT2 hydrogen ions 3 plus

NT2 oxonium ions

NT1 molybdenum ions

NT1 moscovium ions

NT1 multicharged ions

NT1 muonic ions

NT1 neodymium ions

NT1 neon ions

NT1 neptunium ions

NT1 nickel ions

NT1 nihonium ions

NT1 niobium ions

NT1 nitrogen ions

NT1 nobelium ions

NT1 oganesson ions

NT1 osmium ions

NT1 oxygen ions

NT1 palladium ions

NT1 phosphorus ions

NT1 platinum ions

NT1 plutonium ions

NT1 polonium ions

NT1 potassium ions

NT1 praseodymium ions

NT1 promethium ions

NT1 protactinium ions

NT1 radium ions

NT1 radon ions

NT1 rhenium ions

NT1 rhodium ions

NT1 roentgenium ions

NT1 rubidium ions

NT1 ruthenium ions

NT1 rutherfordium ions

NT1 samarium ions

NT1 scandium ions

NT1 seaborgium ions

NT1 selenium ions

NT1 silicon ions

NT1 silver ions

NT1 sodium ions

NT1 strontium ions

NT1 sulfur ions

NT1 tail ions

NT1 tantalum ions

NT1 technetium ions

NT1 tellurium ions

NT1 tennessine ions

NT1 terbium ions

NT1 thallium ions

NT1 thorium ions

NT1 thulium ions

NT1 tin ions

NT1 titanium ions

NT1 tritium ions

NT1 tungsten ions

NT1 uranium ions

NT1 vanadium ions

NT1 xenon ions

NT1 ytterbium ions

NT1 yttrium ions

NT1 zinc ions

NT1 zirconium ions

RT battery charge state

RT charge states

RT charged-particle reactions

RT ion beams

RT ion channeling

RT ion density

RT ion detection

RT ion drift

RT ion implantation

RT ion mobility

RT ion pairs

RT ion sources

RT ion temperature

RT ionic composition

RT translocation

ions (atomic)

INIS: 2000-04-12; ETDE: 1975-12-16

USE atomic ions

ions (molecular)

INIS: 2000-04-12; ETDE: 1975-12-16

USE molecular ions

IOPAMIDOL

INIS: 1984-02-22; ETDE: 1984-03-06

BT1 contrast media

iota-1440 resonances

INIS: 1987-12-21; ETDE: 1984-12-26

(Prior to December 1987 this was a valid descriptor.)

USE eta-1440 mesons

IOWA

*BT1 usa

RT ames laboratory

RT mississippi river

RT missouri river

IOWA UTR-10 REACTOR

University Test Reactor, Iowa State Univ.,
Ames, Iowa, USA.

UF ames, iowa state university utr-10
reactor

UF utr-10 iowa state university reactor

*BT1 graphite moderated reactors

*BT1 training reactors

*BT1 water cooled reactors

IPCR CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-03-24

Separated-sector cyclotron of the Institute of
Physical and Chemical Research, Saitama,
Japan.

UF institute of physical and chemical
research cyclotron

UF riken ssc

UF saitama cyclotron

*BT1 heavy ion accelerators

*BT1 isochronous cyclotrons

ipcr linac

INIS: 1986-05-23; ETDE: 2002-06-13

USE rilac

IPEN-MB-1 REACTOR

INIS: 1991-08-15; ETDE: 1991-09-13

Instituto de Pesquisas Energeticas e
Nucleares, Sao Paulo, Brazil.

*BT1 zero power reactors

IPNS-I SYNCHROTRON

2016-06-09

Argonne National Laboratory, Argonne,
Illinois, USA; stopped operation in 2008

*BT1 accelerator neutron source facilities

IPP GARCHING

Max-Planck-Institut fuer Plasmaphysik.

UF garching ipp

UF max-planck-institut fuer
plasmaphysik

*BT1 german fr organizations

ipr-1 reactor

2005-02-09

Instituto de Pesquisas Radioativas Nuclebras,
Cidade Universitaria-Pampulma, Minas
Gerais, Brazil.

USE triga-brazil reactor

iproniazid

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE antidepressants

USE isoniazid

iqsy

USE international quiet sun year

IR-100 REACTOR

2005-06-02

Sevastopol Inst. of Nuclear Energy And
Industry, Sevastopol, Ukraine.

*BT1 experimental reactors

*BT1 pool type reactors

*BT1 training reactors

IRAN

BT1 asia

BT1 developing countries

BT1 middle east

RT caspian sea

RT opec

IRAN-1 REACTOR

INIS: 1977-06-14; ETDE: 1977-10-20

UF bushehr-1 reactor

*BT1 pwr type reactors

IRAN-2 REACTOR

INIS: 1977-06-14; ETDE: 1977-10-20

UF bushehr-2 reactor

*BT1 pwr type reactors

**IRANIAN ATOMIC ENERGY
ORGANIZATION**

INIS: 1976-10-07; ETDE: 1976-11-01

*BT1 iranian organizations

IRANIAN ORGANIZATIONS

INIS: 1976-10-07; ETDE: 1976-11-01

BT1 national organizations

NT1 iranian atomic energy organization

NT1 tehran nuclear research centre

IRAQ

BT1 arab countries

BT1 asia

BT1 developing countries

BT1 middle east

RT euphrates river

RT oapec

RT opec

RT tigris river

**IRAQI ATOMIC ENERGY
COMMISSION**

INIS: 1985-06-10; ETDE: 1985-07-19

*BT1 iraqi organizations

NT1 iraqi nuclear research centre

**IRAQI NUCLEAR RESEARCH
CENTRE**

INIS: 1985-06-10; ETDE: 1985-07-19

*BT1 iraqi atomic energy commission

IRAQI ORGANIZATIONS

INIS: 1985-06-10; ETDE: 1985-07-18

BT1 national organizations

NT1 iraqi atomic energy commission

NT2 iraqi nuclear research centre

IRELAND

1995-04-03

BT1 developed countries

*BT1 western europe

RT oecd

IREN FACILITY

2018-04-13

Intense Resonance Neutron Source (IREN);
Under construction at the Frank Laboratory
of Neutron Physics of the Joint Institute for
Nuclear Research

*BT1 accelerator neutron source facilities

RT jinr

RT lue-200 accelerator

IRI

Interuniversitair Reactor Instituut, Delft, the
Netherlands.

UF interuniversitair reactor instituut

*BT1 netherlands organizations

IRIDIUM

*BT1 platinum metals

*BT1 refractory metals

IRIDIUM 164

2007-07-10

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 microseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

IRIDIUM 165

2007-07-10

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 microseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 proton decay radioisotopes

IRIDIUM 166

INIS: 1986-05-08; ETDE: 1986-07-03

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

IRIDIUM 167

INIS: 1986-05-08; ETDE: 1986-07-03

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

IRIDIUM 168

INIS: 1978-11-24; ETDE: 1978-12-20

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 odd-odd nuclei

IRIDIUM 169

INIS: 1978-11-24; ETDE: 1978-12-20

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

IRIDIUM 170

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

IRIDIUM 171

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

IRIDIUM 172

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

IRIDIUM 173

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

IRIDIUM 174

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

IRIDIUM 175

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

IRIDIUM 176

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 iridium isotopes

- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

IRIDIUM 177

- *BT1 alpha decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iridium isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

IRIDIUM 178

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iridium isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

IRIDIUM 179

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iridium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

IRIDIUM 180

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 iridium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

IRIDIUM 181

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 iridium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

IRIDIUM 182

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 iridium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

IRIDIUM 183

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 iridium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

IRIDIUM 184

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 iridium isotopes
- *BT1 odd-odd nuclei

IRIDIUM 185

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 iridium isotopes
- *BT1 odd-even nuclei

IRIDIUM 186

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 iridium isotopes
- *BT1 odd-odd nuclei

IRIDIUM 187

- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 iridium isotopes
- *BT1 odd-even nuclei

IRIDIUM 188

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 iridium isotopes
- *BT1 odd-odd nuclei

IRIDIUM 189

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 iridium isotopes
- *BT1 odd-even nuclei

IRIDIUM 189 TARGET

INIS: 1978-01-16; ETDE: 1978-03-03
BT1 targets

IRIDIUM 190

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 iridium isotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei

IRIDIUM 190 TARGET

INIS: 2000-04-12; ETDE: 1978-11-14
BT1 targets

IRIDIUM 191

- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 iridium isotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 stable isotopes

IRIDIUM 191 TARGET

ETDE: 1976-07-09
BT1 targets

IRIDIUM 192

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 iridium isotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 years living radioisotopes

IRIDIUM 193

- *BT1 days living radioisotopes
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 iridium isotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 stable isotopes

IRIDIUM 193 TARGET

ETDE: 1976-07-09
BT1 targets

IRIDIUM 194

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes

- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 iridium isotopes
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

IRIDIUM 194 TARGET

INIS: 1987-06-29; ETDE: 1987-07-09
BT1 targets

IRIDIUM 195

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 iridium isotopes
- *BT1 odd-even nuclei

IRIDIUM 196

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 iridium isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

IRIDIUM 197

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 iridium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

IRIDIUM 198

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 iridium isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

IRIDIUM 199

2004-12-15
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 iridium isotopes
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes

IRIDIUM 202

2010-03-02
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 iridium isotopes
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes

IRIDIUM ADDITIONS

Alloys containing not more than 1% Ir are listed here.
*BT1 iridium alloys

IRIDIUM ALLOYS

Alloys containing more than 1% Ir.
*BT1 platinum metal alloys
NT1 iridium additions
NT1 iridium base alloys

IRIDIUM BASE ALLOYS

- *BT1 iridium alloys

IRIDIUM BORIDES

- *BT1 borides
- *BT1 iridium compounds

IRIDIUM CARBIDES

1991-09-16
*BT1 carbides
*BT1 iridium compounds

IRIDIUM CHLORIDES

- *BT1 chlorides
- *BT1 iridium halides

IRIDIUM COMPLEXES

*BT1 transition element complexes

IRIDIUM COMPOUNDS

1997-06-17

BT1 refractory metal compounds
 BT1 transition element compounds
 NT1 iridium borides
 NT1 iridium carbides
 NT1 iridium halides
 NT2 iridium chlorides
 NT2 iridium fluorides
 NT1 iridium hydrides
 NT1 iridium nitrides
 NT1 iridium oxides
 NT1 iridium silicides
 NT1 iridium sulfates
 NT1 iridium tellurides

IRIDIUM FLUORIDES

*BT1 fluorides
 *BT1 iridium halides

IRIDIUM HALIDES

2012-07-19

*BT1 halides
 *BT1 iridium compounds
 NT1 iridium chlorides
 NT1 iridium fluorides

IRIDIUM HYDRIDES

1979-11-02

*BT1 hydrides
 *BT1 iridium compounds

IRIDIUM IONS

*BT1 ions

IRIDIUM ISOTOPES

1999-07-16

BT1 isotopes
 NT1 iridium 164
 NT1 iridium 165
 NT1 iridium 166
 NT1 iridium 167
 NT1 iridium 168
 NT1 iridium 169
 NT1 iridium 170
 NT1 iridium 171
 NT1 iridium 172
 NT1 iridium 173
 NT1 iridium 174
 NT1 iridium 175
 NT1 iridium 176
 NT1 iridium 177
 NT1 iridium 178
 NT1 iridium 179
 NT1 iridium 180
 NT1 iridium 181
 NT1 iridium 182
 NT1 iridium 183
 NT1 iridium 184
 NT1 iridium 185
 NT1 iridium 186
 NT1 iridium 187
 NT1 iridium 188
 NT1 iridium 189
 NT1 iridium 190
 NT1 iridium 191
 NT1 iridium 192
 NT1 iridium 193
 NT1 iridium 194
 NT1 iridium 195
 NT1 iridium 196
 NT1 iridium 197
 NT1 iridium 198
 NT1 iridium 199
 NT1 iridium 202

IRIDIUM NITRIDES

2010-02-24

*BT1 iridium compounds
 *BT1 nitrides

IRIDIUM OXIDES

*BT1 iridium compounds
 *BT1 oxides

IRIDIUM SILICIDES

INIS: 1984-04-04; ETDE: 1984-05-09

*BT1 iridium compounds
 *BT1 silicides

IRIDIUM SULFATES

INIS: 2000-04-12; ETDE: 1976-08-04

*BT1 iridium compounds
 *BT1 sulfates

IRIDIUM TELLURIDES

INIS: 2000-04-12; ETDE: 1976-06-07

*BT1 iridium compounds
 *BT1 tellurides

iriginite

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE oxide minerals
 USE uranium minerals

IRISH SEA

INIS: 1980-05-14; ETDE: 1977-05-07

UF celtic sea
 *BT1 atlantic ocean
 RT united kingdom

IRL REACTOR

Industrial Reactor Laboratories, Inc.,
 Plainsboro, New Jersey, USA. Shut down in
 1975.

UF plainsboro irl pool type reactor
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 test reactors
 *BT1 thermal reactors

IRON

1996-07-18

(Prior to March 1997 IRON-BETA was a
 valid ETDE descriptor.)

UF iron-beta
 *BT1 transition elements
 NT1 iron-alpha
 NT1 iron-delta
 NT1 iron-gamma
 RT ferritin
 RT heme
 RT hemoglobin
 RT hemosiderin
 RT steam-iron process

IRON 45

INIS: 1997-02-07; ETDE: 1978-07-05

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 proton decay radioisotopes

IRON 46

1993-01-13

*BT1 beta-plus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes
 *BT1 milliseconds living radioisotopes

IRON 47

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei
 *BT1 iron isotopes

IRON 48

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes

IRON 49

*BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes
 *BT1 milliseconds living radioisotopes

IRON 50

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes

IRON 51

*BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes
 *BT1 milliseconds living radioisotopes

IRON 52

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes
 *BT1 seconds living radioisotopes

IRON 53

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes

IRON 54

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes
 *BT1 stable isotopes

IRON 54 REACTIONS

INIS: 1984-08-23; ETDE: 1984-09-05

*BT1 heavy ion reactions

IRON 54 TARGET

ETDE: 1976-07-09

BT1 targets

IRON 55

*BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes
 *BT1 years living radioisotopes

IRON 55 TARGET

ETDE: 1976-07-09

BT1 targets

IRON 56

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 iron isotopes
 *BT1 stable isotopes
 RT iron 56 reactions

IRON 56 BEAMS

*BT1 ion beams

IRON 56 REACTIONS

*BT1 heavy ion reactions
 RT iron 56

IRON 56 TARGET*ETDE: 1976-07-09*

BT1 targets

IRON 57

*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes
*BT1 stable isotopes

IRON 57 TARGET*ETDE: 1976-07-09*

BT1 targets

IRON 58

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes
*BT1 stable isotopes

IRON 58 BEAMS*INIS: 1976-08-17; ETDE: 1976-11-01*

*BT1 ion beams

IRON 58 REACTIONS*INIS: 1976-08-17; ETDE: 1976-11-01*

*BT1 heavy ion reactions

IRON 58 TARGET*ETDE: 1976-07-09*

BT1 targets

IRON 59

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes

IRON 60

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes
*BT1 years living radioisotopes

IRON 61

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes
*BT1 minutes living radioisotopes

IRON 62*INIS: 1976-02-11; ETDE: 1975-10-01*

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes
*BT1 minutes living radioisotopes

IRON 63*1980-11-07*

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes
*BT1 seconds living radioisotopes

IRON 64*1980-11-07*

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes
*BT1 seconds living radioisotopes

IRON 65*INIS: 1986-08-19; ETDE: 1986-09-05*

*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes

IRON 66*INIS: 1986-08-19; ETDE: 1986-09-05*

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes

IRON 67*INIS: 1986-08-19; ETDE: 1986-09-05*

*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes

IRON 68*INIS: 1986-08-19; ETDE: 1986-09-05*

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes

IRON 69*2007-11-01*

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes
*BT1 milliseconds living radioisotopes

IRON 70*2007-11-01*

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes
*BT1 milliseconds living radioisotopes

IRON 71*2007-11-01*

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes

IRON 72*2007-11-01*

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 iron isotopes

IRON ADDITIONS*1996-11-13**Alloys containing not more than 1% Fe are listed here.*

*BT1 iron alloys
NT1 alloy-al95cu4
NT2 duralumin
NT1 alloy-ni46cr23co19ti5al4
NT2 alloy-in-939
NT1 alloy-ni60co15cr10al6ti5mo3
NT2 alloy-in-100
NT1 alloy-ni73cr20mn3nb3
NT2 inconel 82
NT1 alloy-ni80cr20
NT1 alloy-ti88mo8al3
NT1 alloy-ti90al6mo3
NT1 alloy-ti90al6v4
NT1 alloy-ti91al4mo3
NT1 alloy-ti91al5cr2
NT1 alloy-zr98sn-2
NT2 zircaloy 2
NT1 alloy-zr98sn-4
NT2 zircaloy 4
NT1 aludur
NT1 duranickel
NT1 rene 95
NT1 zamak

IRON-AIR BATTERIES*INIS: 2000-04-12; ETDE: 1976-06-07*

*BT1 metal-gas batteries

IRON ALLOYS*1996-11-13**Alloys containing more than 1% Fe.*

UF alloy-co52fe35v13
UF alloy-ehp-496
UF refractaloy
UF vikalloy 1
UF vikalloy 2
*BT1 transition element alloys
NT1 alloy-co36cr22ni22w15fe3
NT2 haynes 188 alloy
NT1 alloy-co43cr20fe18ni13w3
NT2 havar
NT1 alloy-co52fe35v10
NT1 alloy-co54cr20w15ni10
NT2 alloy-hs-25
NT2 haynes 25 alloy
NT1 alloy-co60cr30w4
NT2 stellite 6
NT1 alloy-hs-31
NT1 alloy-in-102
NT1 alloy-khn50mbvyu
NT1 alloy-mo-re-1
NT1 alloy-ni41fe40cr16nb3
NT2 inconel 706
NT1 alloy-ni43fe30cr22mo3
NT2 incoloy 825
NT1 alloy-ni43fe33cr16mo3
NT2 nimonic pe16
NT1 alloy-ni45fe34cr20
NT1 alloy-ni49cr22fe18mo9
NT2 hastelloy x
NT1 alloy-ni50co20cr15al5mo5
NT2 nimonic 105
NT1 alloy-ni50cr22fe18mo9
NT2 hastelloy xr
NT1 alloy-ni53cr19fe19nb5mo3
NT2 inconel 718
NT1 alloy-ni54mo17cr16fe6w4
NT2 hastelloy c
NT1 alloy-ni58cr20co14mo4ti3
NT2 waspaloy
NT1 alloy-ni59cr20co17ti2
NT1 alloy-ni59cr30fe9
NT2 inconel 690
NT1 alloy-ni60fe24cr16
NT2 nichrome
NT1 alloy-ni61cr22mo9nb4fe3
NT2 inconel 625
NT1 alloy-ni61cr23fe14
NT1 alloy-ni62cr16mo15fe3
NT2 hastelloy s
NT1 alloy-ni66cu32
NT2 monel 400
NT1 alloy-ni70mo17cr7fe5
NT2 hastelloy n
NT2 inor-8
NT1 alloy-ni73cr15fe7ti3
NT2 inconel x750
NT1 alloy-ni76cr15fe8
NT2 inconel 600
NT1 alloy-ni77cr20ti2
NT1 alloy-ni78cr21
NT1 alloy-ni79fe16mo4
NT1 alloy-ra-333
NT1 alloy-s-816
NT1 alloy-v-36
NT1 alloy-v87cr9fe3
NT1 alloy-yundk 25ba
NT1 austenite
NT1 colmonoy
NT1 ferrite
NT1 incoloy 901
NT1 iron additions
NT2 alloy-al95cu4
NT3 duralumin
NT2 alloy-ni46cr23co19ti5al4
NT3 alloy-in-939
NT2 alloy-ni60co15cr10al6ti5mo3

NT3 alloy-in-100
NT2 alloy-ni73cr20mn3nb3
NT3 inconel 82
NT2 alloy-ni80cr20
NT2 alloy-ti88mo8al3
NT2 alloy-ti90al6mo3
NT2 alloy-ti90al6v4
NT2 alloy-ti91al4mo3
NT2 alloy-ti91al5cr2
NT2 alloy-zr98sn-2
NT3 zircaloy 2
NT2 alloy-zr98sn-4
NT3 zircaloy 4
NT2 aludur
NT2 duranickel
NT2 rene 95
NT2 zamak
NT1 iron base alloys
NT2 alloy-co50fe50
NT3 permendur
NT2 alloy-fe40ni35cr22
NT2 alloy-fe44ni33cr21
NT3 incoloy 800h
NT2 alloy-fe46ni33cr21
NT3 incoloy 800
NT3 incoloy 802
NT2 alloy-fe53ni29co18
NT3 kovar
NT2 alnico alloys
NT2 ascology
NT2 cast iron
NT2 discaloy
NT2 duriron
NT2 ge 2541
NT2 hiperco
NT2 hoskins 875
NT2 invar
NT2 kanthal
NT2 sicromo 9m
NT2 steel-cd-4mcu
NT2 steels
NT3 austenitic steels
NT4 steel-cr15ni15motib
NT4 steel-cr16ni13monbv
NT4 steel-cr16ni15mo3nb
NT4 steel-cr16ni16monb
NT4 steel-cr16ni8mo2
NT5 stainless steel-16-8-2
NT4 steel-cr17ni12mo3
NT5 stainless steel-316
NT4 steel-cr17ni12mo3-l
NT5 stainless steel-316l
NT5 stainless steel-zcnd17-13
NT4 steel-cr17ni12monb
NT4 steel-cr17ni13
NT4 steel-cr17ni13mo2ti
NT4 steel-cr17ni13mo3ti
NT4 steel-cr17ni7
NT5 stainless steel-301
NT4 steel-cr18ni10
NT5 stainless steel-18-10
NT4 steel-cr18ni10-l
NT4 steel-cr18ni10ti
NT5 stainless steel-321
NT4 steel-cr18ni11
NT5 steel-x6crni1811
NT4 steel-cr18ni11nb
NT5 stainless steel-347
NT4 steel-cr18ni11nbco
NT5 stainless steel-348
NT4 steel-cr18ni12
NT5 stainless steel-305
NT4 steel-cr18ni12ti
NT4 steel-cr18ni8
NT5 stainless steel-18-8
NT4 steel-cr18ni9
NT5 stainless steel-302
NT4 steel-cr18ni9ti
NT4 steel-cr19ni10

NT5 stainless steel-304
NT4 steel-cr19ni10-l
NT5 stainless steel-304l
NT4 steel-cr20ni11
NT5 stainless steel-308
NT4 steel-cr20ni11-l
NT5 stainless steel-308l
NT4 steel-cr21mn9ni6
NT5 stainless steel-21-6-9
NT4 steel-cr23ni14
NT5 stainless steel-309
NT5 stainless steel-309s
NT4 steel-cr23ni18
NT4 steel-cr25ni20
NT5 alloy-hk-40
NT5 stainless steel-310
NT4 steel-ni25cr20
NT5 stainless steel-20-25
NT4 steel-ni26cr15ti2movalb
NT5 alloy-a-286
NT3 carbon steels
NT4 steel-astm-a105
NT4 steel-astm-a106
NT4 steel-astm-a212
NT4 steel-astm-a285
NT4 steel-astm-a516
NT4 steel-astm-a533-b
NT4 steel-in-787
NT4 steel-sae-1045
NT3 croloy
NT4 steel-cr13
NT5 stainless steel-410
NT4 steel-cr16
NT5 stainless steel-430
NT4 steel-cr18ni10
NT5 stainless steel-18-10
NT4 steel-cr2mo
NT5 steel-astm-a542
NT4 steel-cr5mo
NT3 ferritic steels
NT4 steel-cr12moniv
NT4 steel-cr13al
NT5 stainless steel-405
NT4 steel-cr16
NT5 stainless steel-430
NT4 steel-cr25
NT5 stainless steel-446
NT4 steel-cr9mo
NT4 steel-cr9monbv
NT3 high alloy steels
NT4 stainless steels
NT5 chromium-nickel steels
NT6 alloy-d-9
NT6 carpenter
NT6 chromium-nickel-molybdenum steels
NT7 alloy-m-813
NT7 steel-cr11ni10mo2ti-l
NT7 steel-cr15ni15motib
NT7 steel-cr16ni13monbv
NT7 steel-cr16ni15mo3nb
NT7 steel-cr16ni16monb
NT7 steel-cr16ni8mo2
NT8 stainless steel-16-8-2
NT7 steel-cr16ni9mo2
NT7 steel-cr17ni12mo3
NT8 stainless steel-316
NT7 steel-cr17ni12mo3-l
NT8 stainless steel-316l
NT8 stainless steel-zcnd17-13
NT7 steel-cr17ni12monb
NT7 steel-cr17ni13mo2ti
NT7 steel-cr17ni13mo3ti
NT7 steel-ni26cr15ti2movalb
NT8 alloy-a-286
NT6 durco
NT6 enduro
NT6 stainless steel-17-7ph
NT6 stainless steel-303

NT6 stainless steel-329
NT6 stainless steel-ph-15-7-mo
NT6 steel-cr17ni13
NT6 steel-cr17ni7
NT7 stainless steel-301
NT6 steel-cr18ni10
NT7 stainless steel-18-10
NT6 steel-cr18ni10-l
NT6 steel-cr18ni10ti
NT7 stainless steel-321
NT6 steel-cr18ni11
NT7 steel-x6crni1811
NT6 steel-cr18ni11nb
NT7 stainless steel-347
NT6 steel-cr18ni11nbco
NT7 stainless steel-348
NT6 steel-cr18ni12
NT7 stainless steel-305
NT6 steel-cr18ni12ti
NT6 steel-cr18ni8
NT7 stainless steel-18-8
NT6 steel-cr18ni9
NT7 stainless steel-302
NT6 steel-cr18ni9ti
NT6 steel-cr19ni10
NT7 stainless steel-304
NT6 steel-cr19ni10-l
NT7 stainless steel-304l
NT6 steel-cr20ni11
NT7 stainless steel-308
NT6 steel-cr20ni11-l
NT7 stainless steel-308l
NT6 steel-cr23ni14
NT7 stainless steel-309
NT7 stainless steel-309s
NT6 steel-cr23ni18
NT6 steel-cr25ni20
NT7 alloy-hk-40
NT7 stainless steel-310
NT6 steel-ni25cr20
NT7 stainless steel-20-25
NT6 steel-ni36cr12ti3al-l
NT6 timken alloys
NT5 chromium steels
NT6 chromium-molybdenum steels
NT7 chromium-nickel-molybdenum steels
NT8 alloy-m-813
NT8 steel-cr11ni10mo2ti-l
NT8 steel-cr15ni15motib
NT8 steel-cr16ni13monbv
NT8 steel-cr16ni15mo3nb
NT8 steel-cr16ni16monb
NT8 steel-cr16ni8mo2
NT9 stainless steel-16-8-2
NT8 steel-cr16ni9mo2
NT8 steel-cr17ni12mo3
NT9 stainless steel-316
NT8 steel-cr17ni12mo3-l
NT9 stainless steel-316l
NT9 stainless steel-zcnd17-13
NT8 steel-cr17ni12monb
NT8 steel-cr17ni13mo2ti
NT8 steel-cr17ni13mo3ti
NT8 steel-ni26cr15ti2movalb
NT9 alloy-a-286
NT6 magnet steel-ks
NT6 miduale
NT6 stainless steel-406
NT6 steel-cr10mo2
NT6 steel-cr12
NT7 stainless steel-403
NT6 steel-cr12moniv
NT6 steel-cr12mov
NT7 alloy-ht-9
NT6 steel-cr13
NT7 stainless steel-410
NT6 steel-cr13al

NT7 stainless steel-405
NT6 steel-cr16
NT7 stainless steel-430
NT6 steel-cr16ni
NT6 steel-cr17cu4ni4nb-l
NT7 stainless steel-17-4ph
NT6 steel-cr17mo
NT7 stainless steel-440
NT6 steel-cr17ni4mo3
NT6 steel-cr18
NT6 steel-cr25
NT7 stainless steel-446
NT6 steel-cr9mo
NT6 steel-cr9monbv
NT5 low carbon-high alloy steels
NT6 steel-cr11ni10mo2ti-l
NT6 steel-cr17cu4ni4nb-l
NT7 stainless steel-17-4ph
NT6 steel-cr17ni12mo3-l
NT7 stainless steel-316l
NT7 stainless steel-zcnd17-13
NT6 steel-cr18ni10-l
NT6 steel-cr19ni10-l
NT7 stainless steel-304l
NT6 steel-cr20ni11-l
NT7 stainless steel-308l
NT6 steel-ni36cr12ti3al-l
NT5 stainless steel-317
NT5 stainless steel-318
NT5 stainless steel-422
NT5 stainless steel-fv-548
NT5 stainless steel-jbk-75
NT5 stainless steel m-50
NT5 steel-cr21mn9ni6
NT6 stainless steel-21-6-9
NT5 sweetalloy
NT3 low alloy steels
NT4 steel-astm-a350
NT4 steel-astm-a387
NT4 steel-astm-a508
NT4 steel-astm-a533
NT4 steel-cr2mo
NT5 steel-astm-a542
NT4 steel-cr2moninb
NT4 steel-cr2mov
NT4 steel-cr2nimov
NT4 steel-cr5mo
NT4 steel-cralnimo
NT4 steel-crmo
NT4 steel-crmov
NT4 steel-crni
NT4 steel-mncumo
NT5 steel-astm-a537
NT4 steel-mnmo
NT5 steel-astm-a302
NT4 steel-mnnimo
NT5 steel-astm-a533-b
NT4 steel-mnnimov
NT4 steel-ni3cr
NT4 steel-ni3crmo
NT5 steel-astm-a543
NT4 steel-ni3crmov
NT4 steel-ni4crw
NT4 steel-nicr
NT4 steel-nicrmo
NT4 steel-nimocr
NT3 manganese steels
NT3 martensitic steels
NT4 maraging steels
NT4 steel-cr10mo2
NT4 steel-cr12
NT5 stainless steel-403
NT4 steel-cr12mov
NT5 alloy-ht-9
NT4 steel-cr13
NT5 stainless steel-410
NT4 steel-cr16ni
NT4 steel-cr17cu4ni4nb-l
NT5 stainless steel-17-4ph

NT4 steel-cr17mo
NT5 stainless steel-440
NT4 steel-cr18
NT3 nickel steels
NT4 sweetalloy
NT3 steel-astm-a572
NT1 konel
NT1 lynite
NT1 martensite
NT1 misco metal
NT1 ni-hard
NT1 orthonol
NT1 permalloy
NT1 rene 41
NT1 supertherm
NT1 tribaloy 400
NT1 tribaloy 800

IRON-ALPHA

*BT1 iron
 RT ferrite
 RT martensite

IRON ARSENIDES

INIS: 1992-09-17; ETDE: 1978-09-11

*BT1 arsenides
 *BT1 iron compounds

IRON BASE ALLOYS

1996-11-13

(Most of the UF terms below have been valid ETDE descriptors.)

UF alloy-fe31cr21co20ni20mo3w2
 UF alloy-fe36ni33cr26
 UF alloy-fe48cr24ni24
 UF alloy-hd-556
 UF alloy-in-519
 UF alloy-ma-956
 UF alloy-n-155
 UF hd-556
 UF in 519
 UF ma 956
 UF manaurite 36x
 UF manaurite 900
 UF rezistal
 UF sichromal alloys
 UF tikonol
 SF alloy-0kh12n13m
 *BT1 iron alloys
NT1 alloy-co50fe50

NT2 permendur
NT1 alloy-fe40ni35cr22
NT1 alloy-fe44ni33cr21
NT2 incoloy 800h
NT1 alloy-fe46ni33cr21
NT2 incoloy 800
NT2 incoloy 802
NT1 alloy-fe53ni29co18
NT2 kovar
NT1 alnico alloys
NT1 ascology
NT1 cast iron
NT1 discaloy
NT1 duriron
NT1 ge 2541
NT1 hiperco
NT1 hoskins 875
NT1 invar
NT1 kanthal
NT1 sicromo 9m
NT1 steel-cd-4mcu

NT1 steels
NT2 austenitic steels
NT3 steel-cr15ni15motib
NT3 steel-cr16ni13monbv
NT3 steel-cr16ni15mo3nb
NT3 steel-cr16ni16monb
NT3 steel-cr16ni8mo2
NT4 stainless steel-16-8-2
NT3 steel-cr17ni12mo3

NT4 stainless steel-316
NT3 steel-cr17ni12mo3-l
NT4 stainless steel-316l
NT4 stainless steel-zcnd17-13
NT3 steel-cr17ni12monb
NT3 steel-cr17ni13
NT3 steel-cr17ni13mo2ti
NT3 steel-cr17ni13mo3ti
NT3 steel-cr17ni7
NT4 stainless steel-301
NT3 steel-cr18ni10
NT4 stainless steel-18-10
NT3 steel-cr18ni10-l
NT3 steel-cr18ni10ti
NT4 stainless steel-321
NT3 steel-cr18ni11
NT4 steel-x6crni1811
NT3 steel-cr18ni11nb
NT4 stainless steel-347
NT3 steel-cr18ni11nbco
NT4 stainless steel-348
NT3 steel-cr18ni12
NT4 stainless steel-305
NT3 steel-cr18ni12ti
NT3 steel-cr18ni8
NT4 stainless steel-18-8
NT3 steel-cr18ni9
NT4 stainless steel-302
NT3 steel-cr18ni9ti
NT3 steel-cr19ni10
NT4 stainless steel-304
NT3 steel-cr19ni10-l
NT4 stainless steel-304l
NT3 steel-cr20ni11
NT4 stainless steel-308
NT3 steel-cr20ni11-l
NT4 stainless steel-308l
NT3 steel-cr21mn9ni6
NT4 stainless steel-21-6-9
NT3 steel-cr23ni14
NT4 stainless steel-309
NT4 stainless steel-309s
NT3 steel-cr23ni18
NT3 steel-cr25ni20
NT4 alloy-hk-40
NT4 stainless steel-310
NT3 steel-ni25cr20
NT4 stainless steel-20-25
NT3 steel-ni26cr15ti2movalb
NT4 alloy-a-286
NT2 carbon steels
NT3 steel-astm-a105
NT3 steel-astm-a106
NT3 steel-astm-a212
NT3 steel-astm-a285
NT3 steel-astm-a516
NT3 steel-astm-a533-b
NT3 steel-in-787
NT3 steel-sae-1045
NT2 croloy
NT3 steel-cr13
NT4 stainless steel-410
NT3 steel-cr16
NT4 stainless steel-430
NT3 steel-cr18ni10
NT4 stainless steel-18-10
NT3 steel-cr2mo
NT4 steel-astm-a542
NT3 steel-cr5mo
NT2 ferritic steels
NT3 steel-cr12moniv
NT3 steel-cr13al
NT4 stainless steel-405
NT3 steel-cr16
NT4 stainless steel-430
NT3 steel-cr25
NT4 stainless steel-446
NT3 steel-cr9mo
NT3 steel-cr9monbv

NT2 high alloy steels
NT3 stainless steels
NT4 chromium-nickel steels
NT5 alloy-d-9
NT5 carpenter
NT5 chromium-nickel-molybdenum steels
NT6 alloy-m-813
NT6 steel-cr11ni10mo2ti-l
NT6 steel-cr15ni15motib
NT6 steel-cr16ni13monbv
NT6 steel-cr16ni15mo3nb
NT6 steel-cr16ni16monb
NT6 steel-cr16ni8mo2
NT7 stainless steel-16-8-2
NT6 steel-cr16ni9mo2
NT6 steel-cr17ni12mo3
NT7 stainless steel-316
NT6 steel-cr17ni12mo3-l
NT7 stainless steel-316l
NT7 stainless steel-zcnd17-13
NT6 steel-cr17ni12monb
NT6 steel-cr17ni13mo2ti
NT6 steel-cr17ni13mo3ti
NT6 steel-ni26cr15ti2movalb
NT7 alloy-a-286
NT5 durco
NT5 enduro
NT5 stainless steel-17-7ph
NT5 stainless steel-303
NT5 stainless steel-329
NT5 stainless steel-ph-15-7-mo
NT5 steel-cr17ni13
NT5 steel-cr17ni7
NT6 stainless steel-301
NT5 steel-cr18ni10
NT6 stainless steel-18-10
NT5 steel-cr18ni10-l
NT5 steel-cr18ni10ti
NT6 stainless steel-321
NT5 steel-cr18ni11
NT6 steel-x6cmi1811
NT5 steel-cr18ni11nb
NT6 stainless steel-347
NT5 steel-cr18ni11nbco
NT6 stainless steel-348
NT5 steel-cr18ni12
NT6 stainless steel-305
NT5 steel-cr18ni12ti
NT5 steel-cr18ni8
NT6 stainless steel-18-8
NT5 steel-cr18ni9
NT6 stainless steel-302
NT5 steel-cr18ni9ti
NT5 steel-cr19ni10
NT6 stainless steel-304
NT5 steel-cr19ni10-l
NT6 stainless steel-304l
NT5 steel-cr20ni11
NT6 stainless steel-308
NT5 steel-cr20ni11-l
NT6 stainless steel-308l
NT5 steel-cr23ni14
NT6 stainless steel-309
NT6 stainless steel-309s
NT5 steel-cr23ni18
NT5 steel-cr25ni20
NT6 alloy-hk-40
NT6 stainless steel-310
NT5 steel-ni25Cr20
NT6 stainless steel-20-25
NT5 steel-ni36cr12ti3al-l
NT5 timken alloys
NT4 chromium steels
NT5 chromium-molybdenum steels
NT6 chromium-nickel-molybdenum steels
NT7 alloy-m-813
NT7 steel-cr11ni10mo2ti-l

NT7 steel-cr15ni15motib
NT7 steel-cr16ni13monbv
NT7 steel-cr16ni15mo3nb
NT7 steel-cr16ni16monb
NT7 steel-cr16ni8mo2
NT8 stainless steel-16-8-2
NT7 steel-cr16ni9mo2
NT7 steel-cr17ni12mo3
NT8 stainless steel-316
NT7 steel-cr17ni12mo3-l
NT8 stainless steel-316l
NT8 stainless steel-zcnd17-13
NT7 steel-cr17ni12monb
NT7 steel-cr17ni13mo2ti
NT7 steel-cr17ni13mo3ti
NT7 steel-ni26cr15ti2movalb
NT8 alloy-a-286
NT5 magnet steel-ks
NT5 miduale
NT5 stainless steel-406
NT5 steel-cr10mo2
NT5 steel-cr12
NT6 stainless steel-403
NT5 steel-cr12moniv
NT5 steel-cr12mov
NT6 alloy-ht-9
NT5 steel-cr13
NT6 stainless steel-410
NT5 steel-cr13al
NT6 stainless steel-405
NT5 steel-cr16
NT6 stainless steel-430
NT5 steel-cr16ni
NT5 steel-cr17cu4ni4nb-l
NT6 stainless steel-17-4ph
NT5 steel-cr17mo
NT6 stainless steel-440
NT5 steel-cr17ni4mo3
NT5 steel-cr18
NT5 steel-cr25
NT6 stainless steel-446
NT5 steel-cr9mo
NT5 steel-cr9monbv
NT4 low carbon-high alloy steels
NT5 steel-cr11ni10mo2ti-l
NT5 steel-cr17cu4ni4nb-l
NT6 stainless steel-17-4ph
NT5 steel-cr17ni12mo3-l
NT6 stainless steel-316l
NT6 stainless steel-zcnd17-13
NT5 steel-cr18ni10-l
NT5 steel-cr19ni10-l
NT6 stainless steel-304l
NT5 steel-cr20ni11-l
NT6 stainless steel-308l
NT5 steel-ni36cr12ti3al-l
NT4 stainless steel-317
NT4 stainless steel-318
NT4 stainless steel-422
NT4 stainless steel-fv-548
NT4 stainless steel-jbk-75
NT4 stainless steel m-50
NT4 steel-cr21mn9ni6
NT5 stainless steel-21-6-9
NT4 sweetalloy
NT2 low alloy steels
NT3 steel-astm-a350
NT3 steel-astm-a387
NT3 steel-astm-a508
NT3 steel-astm-a533
NT3 steel-cr2mo
NT4 steel-astm-a542
NT3 steel-cr2moninb
NT3 steel-cr2mov
NT3 steel-cr2nimov
NT3 steel-cr5mo
NT3 steel-cralnimo
NT3 steel-crmo
NT3 steel-crmo

NT3 steel-crni
NT3 steel-mnccumo
NT4 steel-astm-a537
NT3 steel-mnmo
NT4 steel-astm-a302
NT3 steel-mnnimo
NT4 steel-astm-a533-b
NT3 steel-mnnimov
NT3 steel-ni3cr
NT3 steel-ni3crmo
NT4 steel-astm-a543
NT3 steel-ni3crmov
NT3 steel-ni4crw
NT3 steel-nicr
NT3 steel-nicrmo
NT3 steel-nimocr
NT2 manganese steels
NT2 martensitic steels
NT3 maraging steels
NT3 steel-cr10mo2
NT3 steel-cr12
NT4 stainless steel-403
NT3 steel-cr12mov
NT4 alloy-ht-9
NT3 steel-cr13
NT4 stainless steel-410
NT3 steel-cr16ni
NT3 steel-cr17cu4ni4nb-l
NT4 stainless steel-17-4ph
NT3 steel-cr17mo
NT4 stainless steel-440
NT3 steel-cr18
NT2 nickel steels
NT3 sweetalloy
NT2 steel-astm-a572

iron-beta

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE iron

IRON BORIDES

*BT1 borides
 *BT1 iron compounds

IRON BROMIDES

*BT1 bromides
 *BT1 iron halides

IRON CARBIDES

*BT1 carbides
 *BT1 iron compounds
NT1 cementite
NT1 ni-hard
RT cast iron

IRON CARBONATES

*BT1 carbonates
 *BT1 iron compounds
RT ankerite
RT carbonate minerals
RT siderite

IRON CHLORIDES

*BT1 chlorides
 *BT1 iron halides

IRON COMPLEXES

*BT1 transition element complexes
NT1 ferricyanides
NT1 ferritin
NT1 ferrocene
NT1 ferrocyanides
RT ferroin
RT lactoferrin
RT rubredoxin

IRON COMPOUNDS

UF ferric compounds
UF ferrous compounds
SF gadolinite
BT1 transition element compounds

NT1 ferrates
NT1 ferrites
NT1 iron arsenides
NT1 iron borides
NT1 iron carbides
NT2 cementite
NT2 ni-hard
NT1 iron carbonates
NT1 iron halides
NT2 iron bromides
NT2 iron chlorides
NT2 iron fluorides
NT1 iron hydrides
NT1 iron hydroxides
NT1 iron nitrates
NT1 iron nitrides
NT1 iron oxides
NT1 iron perchlorates
NT1 iron phosphates
NT1 iron phosphides
NT1 iron selenides
NT1 iron silicates
NT1 iron silicides
NT1 iron sulfates
NT1 iron sulfides
NT1 iron tellurides
NT1 iron tungstates

IRON-DELTA

*BT1 iron

IRON FLUORIDES

*BT1 fluorides
 *BT1 iron halides

iron-free spectrometers

USE flat magnetic spectrometers

IRON-GAMMA

*BT1 iron
 RT austenite

iron garnets

INIS: 2000-04-12; ETDE: 1982-09-10

USE ferrite garnets

IRON HALIDES

2012-07-19

*BT1 halides
 *BT1 iron compounds
 *BT1 iron iodides
NT1 iron bromides
NT1 iron chlorides
NT1 iron fluorides

IRON HYDRIDES

*BT1 hydrides
 *BT1 iron compounds

IRON HYDROXIDES

*BT1 hydroxides
 *BT1 iron compounds

IRON IODIDES

*BT1 iodides
NT1 iron halides
NT2 iron bromides
NT2 iron chlorides
NT2 iron fluorides

IRON IONS

*BT1 ions

IRON ISOTOPES

1999-07-16

BT1 isotopes
NT1 iron 45
NT1 iron 46
NT1 iron 47
NT1 iron 48
NT1 iron 49
NT1 iron 50

NT1 iron 51
NT1 iron 52
NT1 iron 53
NT1 iron 54
NT1 iron 55
NT1 iron 56
NT1 iron 57
NT1 iron 58
NT1 iron 59
NT1 iron 60
NT1 iron 61
NT1 iron 62
NT1 iron 63
NT1 iron 64
NT1 iron 65
NT1 iron 66
NT1 iron 67
NT1 iron 68
NT1 iron 69
NT1 iron 70
NT1 iron 71
NT1 iron 72

IRON METEORITES

BT1 meteorites
 RT troilite

IRON-NICKEL BATTERIES

2000-04-12

UF nickel-iron batteries
 *BT1 metal-metal oxide batteries

IRON NITRATES

*BT1 iron compounds
 *BT1 nitrates

IRON NITRIDES

*BT1 iron compounds
 *BT1 nitrides

IRON ORES

BT1 ores
NT1 hematite
NT1 limonite
NT1 magnetite
NT1 siderite
 RT pyrite

IRON OXIDES

*BT1 iron compounds
 *BT1 oxides
 RT ferrates
 RT ferrites
 RT goethite
 RT hematite
 RT ilmenite
 RT kahlerite
 RT limonite
 RT magnetite
 RT oxide minerals
 RT shales
 RT tantalite
 RT tapiolite
 RT wolframite

IRON PERCHLORATES

INIS: 1983-10-14; ETDE: 1983-11-09

*BT1 iron compounds
 *BT1 perchlorates

IRON PHOSPHATES

*BT1 iron compounds
 *BT1 phosphates

IRON PHOSPHIDES

INIS: 1976-11-08; ETDE: 1975-10-01

*BT1 iron compounds
 *BT1 phosphides

IRON SELENIDES

INIS: 1976-11-08; ETDE: 1976-12-16

*BT1 iron compounds

*BT1 selenides

IRON SILICATES

1996-11-13

*BT1 iron compounds
 *BT1 silicates
 RT epidotes
 RT garnets
 RT helvite
 RT ilvaite
 RT olivine
 RT silicate minerals
 RT vermiculite

IRON SILICIDES

INIS: 1977-01-26; ETDE: 1976-08-24

*BT1 iron compounds
 *BT1 silicides

IRON SULFATES

*BT1 iron compounds
 *BT1 sulfates

IRON SULFIDES

*BT1 iron compounds
 *BT1 sulfides
 RT chalcopyrite
 RT marcasite
 RT pyrite
 RT pyrrhotite
 RT sulfide minerals

IRON TELLURIDES

INIS: 1984-07-23; ETDE: 1978-09-11

*BT1 iron compounds
 *BT1 tellurides

IRON TUNGSTATES

INIS: 1977-09-15; ETDE: 1977-06-02

*BT1 iron compounds
 *BT1 tungstates

IRPA

International Radiation Protection Association.

UF international radiation protection association
 BT1 international organizations

IRR-1 REACTOR

Soreq Nuclear Research Centre, Nahal Soreq, Israel.

UF israeli research reactor-1
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 test reactors
 *BT1 thermal reactors

IRR-2 REACTOR

Dimona, Israel.

UF israeli research reactor-2
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 research reactors
 *BT1 tank type reactors

irradiance

INIS: 2006-03-03; ETDE: 2006-02-24
 USE radiant flux density

irradiated fuel elements

INIS: 1976-07-30; ETDE: 2002-06-13
 USE spent fuel elements

irradiated fuels

INIS: 1976-07-30; ETDE: 2002-06-13
 USE spent fuels

IRRADIATION

UF accidental irradiation
 UF food irradiation
NT1 acute irradiation

NT1 chronic irradiation
NT1 external irradiation
 NT2 extracorporeal irradiation
 NT2 partial body irradiation
 NT2 whole-body irradiation
NT1 fractionated irradiation
NT1 internal irradiation
NT1 lethal irradiation
NT1 local irradiation
NT1 low dose irradiation
NT1 nonuniform irradiation
NT1 perinatal irradiation
NT1 prenatal irradiation
NT1 pulsed irradiation
NT1 radication
NT1 radiodisinfestation
NT1 radiopreservation
 NT2 radurization
NT1 radiosterilization
 NT2 radappertization
NT1 self-irradiation
NT1 sublethal irradiation
NT1 supralethal irradiation
RT damaging neutron fluence
RT equivalent fission fluence
RT irradiation devices
RT irradiation procedures
RT neutronic damage functions
RT plant breeding
RT radiation dose distributions
RT radiation doses
RT radiation effects
RT radiation hardness
RT radiation hazards
RT radiation sources
RT radiations
RT radioimmunology
RT radiotherapy

IRRADIATION CAPSULES

UF capsules (irradiation)
RT experimental channels
RT in pile loops
RT radiation source implants

irradiation channels

USE experimental channels

IRRADIATION DEVICES

UF irradiation rigs
RT external irradiation
RT irradiation
RT irradiation plants
RT irradiation procedures
RT pigmi facilities
RT radiation sources

IRRADIATION PLANTS

BT1 nuclear facilities
NT1 isomed
RT external irradiation
RT irradiation devices
RT irradiation procedures
RT radiation sources

IRRADIATION PROCEDURES

RT afterloading
RT external irradiation
RT ifip
RT irradiation
RT irradiation devices
RT irradiation plants
RT spatial dose distributions
RT temporal dose distributions

IRRADIATION REACTORS

For isotope production and irradiation purposes; for producing fissile materials see **PRODUCTION REACTORS**.

BT1 reactors
NT1 chemonuclear reactors

NT1 isotope production reactors
 NT2 afri reactor
 NT2 ai-l-77 reactor
 NT2 alrr reactor
 NT2 apsara reactor
 NT2 astra reactor
 NT2 atpr reactor
 NT2 bepo reactor
 NT2 ber-2 reactor
 NT2 bgrr reactor
 NT2 brr reactor
 NT2 byu l-77 reactor
 NT2 celestin reactor
 NT2 cesnef reactor
 NT2 cirus reactor
 NT2 consort-2 reactor
 NT2 cp-5 reactor
 NT2 dhruva reactor
 NT2 dido reactor
 NT2 dmtr reactor
 NT2 dow triga-mk-1 reactor
 NT2 dr-2 reactor
 NT2 dr-3 reactor
 NT2 el-1 reactor
 NT2 el-2 reactor
 NT2 el-3 reactor
 NT2 etr reactor
 NT2 ewa reactor
 NT2 fir-1 reactor
 NT2 fnr reactor
 NT2 fr-2 reactor
 NT2 frf reactor
 NT2 frg-2 reactor
 NT2 frj-2 reactor
 NT2 getr reactor
 NT2 gtrr reactor
 NT2 gulf triga-mk-3 reactor
 NT2 hanaro reactor
 NT2 hfir reactor
 NT2 hifar reactor
 NT2 htr reactor
 NT2 hwrr reactor
 NT2 ian-r1 reactor
 NT2 ill high flux reactor
 NT2 irt-c reactor
 NT2 irt-f reactor
 NT2 irt reactor
 NT2 irt-sofia reactor
 NT2 ispra-1 reactor
 NT2 jeep-2 reactor
 NT2 jrr-1 reactor
 NT2 jrr-3 reactor
 NT2 jrr-3m reactor
 NT2 kuhfr reactor
 NT2 lptr reactor
 NT2 maria reactor
 NT2 melusine-1 reactor
 NT2 mnrr reactor
 NT2 mrr reactor
 NT2 nru reactor
 NT2 nrx reactor
 NT2 opal reactor
 NT2 ostr reactor
 NT2 pulstar-buffalo reactor
 NT2 r-1 reactor
 NT2 r-a reactor
 NT2 r2-0 reactor
 NT2 rmb reactor
 NT2 rtp reactor
 NT2 rts-1 reactor
 NT2 siloe reactor
 NT2 slowpoke type reactors
 NT3 slowpoke-alberta reactor
 NT3 slowpoke-dalhousie reactor
 NT3 slowpoke-mona reactor
 NT3 slowpoke-montreal reactor
 NT3 slowpoke-ottawa reactor
 NT3 slowpoke rmc reactor
 NT3 slowpoke src reactor

NT3 slowpoke-toronto reactor
 NT3 slowpoke-wmre reactor
NT2 taiwan research reactor
NT2 thetis reactor
NT2 thor reactor
NT2 tr-1 reactor
NT2 trico ii reactor
NT2 trico reactor
NT2 triga-1-california reactor
NT2 triga-1-hanover reactor
NT2 triga-1-michigan reactor
NT2 triga-2-bandung reactor
NT2 triga-2-bangladesh reactor
NT2 triga-2-dalat reactor
NT2 triga-2-illinois reactor
NT2 triga-2-kansas reactor
NT2 triga-2-ljubljana reactor
NT2 triga-2-mainz reactor
NT2 triga-2-musashi reactor
NT2 triga-2-pavia reactor
NT2 triga-2-pitesti reactor
NT2 triga-2 reactor
NT2 triga-2-rikkyo reactor
NT2 triga-2-rome reactor
NT2 triga-2-seoul reactor
NT2 triga-2-vienna reactor
NT2 triga-3-munich reactor
NT2 triga-3-salazar reactor
NT2 triga-3-seoul reactor
NT2 triga-brazil reactor
NT2 triga-texas reactor
NT2 triga-veterans reactor
NT2 tz1 reactor
NT2 ucbr reactor
NT2 ufr reactor
NT2 uknr reactor
NT2 uvar reactor
NT2 uwnr reactor
NT2 wtr reactor
NT2 wwr-2 reactor
NT2 wwr-m-kiev reactor
NT2 wwr-m-leningrad reactor
NT2 wwr-s-budapest reactor
NT2 wwr-s-moscow reactor
NT2 wwr-sm rossendorf reactor
NT2 x-10 reactor
NT1 materials processing reactors
NT1 materials testing reactors
 NT2 atr reactor
 NT2 br-2 reactor
 NT2 cp-2 reactor
 NT2 dido reactor
 NT2 dmtr reactor
 NT2 dr-3 reactor
 NT2 el-3 reactor
 NT2 ewg-1 reactor
 NT2 frg-2 reactor
 NT2 frj-2 reactor
 NT2 ga siwabessy reactor
 NT2 gleep reactor
 NT2 hanaro reactor
 NT2 hector reactor
 NT2 hfetr reactor
 NT2 hfr reactor
 NT2 hifar reactor
 NT2 hwctr reactor
 NT2 hwrr reactor
 NT2 igr reactor
 NT2 ivv-2m reactor
 NT2 jmtr reactor
 NT2 jrr-3 reactor
 NT2 jrr-3m reactor
 NT2 jules horowitz reactor
 NT2 kstr reactor
 NT2 lpr reactor
 NT2 merlin reactor
 NT2 mtr reactor
 NT2 nbsr reactor
 NT2 nrx reactor

NT2 osiris reactor
NT2 pbr reactor
NT2 pluto reactor
NT2 r-2 reactor
NT2 rv-1 reactor
NT2 sm-2 reactor
NT2 taiwan research reactor
NT2 triga-1-hanford reactor
NT2 wr-1 reactor
NT2 wwr-m-kiev reactor
NT2 wwr-m-leningrad reactor
NT2 zephyr reactor
NT1 tritium production reactors
NT2 celestin reactor

irradiation rigs

USE irradiation devices

IRREDUCIBLE REPRESENTATIONS

UF representations (irreducible)
 RT group theory
 RT nonunitary representations
 RT symmetry groups

IRREVERSIBLE PROCESSES

RT onsager relations
 RT prigogine theorem
 RT thermodynamics

IRRIGATION

RT agriculture
 RT cultivation techniques
 RT drought resistance
 RT fresh water
 RT radionuclide migration
 RT soil conservation
 RT soils
 RT surface waters
 RT water use

IRT-1 LIBYA REACTOR

2005-01-24

Tajoura Nuclear Research Center, Tajoura, Libya.

UF libyan irt-1 reactor
 UF wwr-libyan reactor
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 wwr type reactors

IRT-2000 DJAKARTA REACTOR

UF djakarta irt-2000 reactor
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 test reactors
 *BT1 thermal reactors

IRT-2000 MOSCOW REACTOR

UF mifi irt-2000 reactor
 UF moscow irt-2000 reactor
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 test reactors
 *BT1 thermal reactors

irt-2000 sofia reactor

INIS: 1977-03-01; ETDE: 2002-06-13

USE irt-sofia reactor

irt-5000 baghdad reactor

INIS: 1986-07-09; ETDE: 1994-08-10

IRT-Baghdad reactor after upgrading from 2 MW(th) to 5 MW(th).

USE irt-baghdad reactor

IRT-BAGHDAD REACTOR

INIS: 1985-06-10; ETDE: 1994-08-10

Shutdown since 1991. Under decommissioning.

(Prior to June 1985 WWR-S-BAGHDAD REACTOR was used.)

UF baghdad wwr-s reactor
 UF irt-5000 baghdad reactor
 UF wwr-c-baghdad reactor
 UF wwr-s-baghdad reactor
 *BT1 research reactors
 *BT1 test reactors
 *BT1 thermal reactors
 *BT1 wwr type reactors

IRT-C REACTOR

2000-04-12

UF soviet research reactor irt-c
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

IRT-DPRK REACTOR

2018-06-04

Nyongbyon, Republic of Korea

*BT1 pool type reactors
 *BT1 research reactors

IRT-F REACTOR

2000-04-12

UF soviet research reactor irt-f
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

IRT-M REACTOR

2000-04-12

*BT1 research reactors

IRT REACTOR

Moscow, Russian Federation.

UF soviet research reactor irt
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

IRT-SOFIA REACTOR

Institute for Nuclear Research and Nuclear Power, Sofia, Bulgaria. Permanent shutdown since 2008.

UF bulgarian research reactor irt-2000
 UF irt-2000 sofia reactor
 UF sofia irt-2000 reactor
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

irvine triga-mk-1 reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE triga-1-california reactor

irvine triga reactor

2000-04-12

USE triga-1-california reactor

isabelle

USE isabelle storage rings

ISABELLE STORAGE RINGS

UF brookhaven intersecting storage accelerators
 UF cba (brookhaven colliding beam accelerator)
 UF intersecting storage accelerator

UF isabelle
 BT1 storage rings
 RT brookhaven rhic

ISAR-2 REACTOR

1982-10-28

UF kernkraftwerk isar-2
 UF kki isar-2
 *BT1 pwr type reactors

ISAR DEVICES

*BT1 linear theta pinch devices

ISAR REACTOR

Landshut, Federal Republic of Germany.

Permanent shutdown since August 2011.

UF kernkraftwerk isar
 UF kki isar
 *BT1 bwr type reactors

ISCHEMIA

*BT1 anemias
 *BT1 vascular diseases
 RT anoxia
 RT blood circulation
 RT blood vessels
 RT myocardial infarction
 RT necrosis

ISENTROPIC PROCESSES

Accomplished at constant value of the entropy.

UF processes (isentropic)
 RT adiabatic processes
 RT entropy
 RT isothermal processes
 RT thermodynamics

ISING MODEL

*BT1 crystal models
 RT order-disorder transformations
 RT phi4-field theory
 RT two-dimensional calculations

ISIS REACTOR

CEA/CEN de Saclay, Gif-sur-Yvette, France.

*BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

ISIS SPALLATION NEUTRON SOURCE

2016-06-09

Rutherford Appleton Laboratory, Chilton, Oxfordshire, United Kingdom

*BT1 spallation neutron source facilities

islamabad reactor pakistan

USE parr-1 reactor

ISLANDS

1995-11-22

NT1 aleutian islands
NT2 amchitka island area
NT1 american samoa
NT1 azores islands
NT1 bahrain
NT1 bermuda
NT1 canary islands
NT1 cape verde islands
NT1 cyprus
NT1 faeroe islands
NT1 fiji
NT1 greenland
NT1 hawaii
NT1 iceland
NT1 indonesia
NT1 kurile islands
NT1 madagascar
NT2 malagasy republic
NT1 maldives
NT1 malta

NT1 mauritius
NT1 micronesia
NT2 kiribati
NT2 marshall islands
NT3 bikini
NT3 eniwetok
NT2 nauru
NT2 tuvalu
NT1 new guinea
NT2 papua new guinea
NT1 new hebrides islands
NT1 new zealand
NT1 newfoundland
NT1 novaya zemlya
NT1 okinawa
NT1 philippines
NT1 prince edward island
NT1 reunion island
NT1 samoa
NT1 singapore
NT1 solomon islands
NT1 sri lanka
NT1 taiwan
NT1 tasmania
NT1 tonga
NT1 trust territory of the pacific islands
NT2 mariana islands
NT3 guam
NT1 vanuatu
NT1 west indies
NT2 bahama islands
NT2 greater antilles
NT3 cuba
NT3 hispaniola
NT4 dominican republic
NT4 haiti
NT3 jamaica
NT3 puerto rico
NT2 lesser antilles
NT3 antigua and barbuda
NT3 barbados
NT3 grenada
NT3 martinique
NT3 netherlands antilles
NT3 saint kitts and nevis
NT3 trinidad and tobago
NT3 virgin islands
NT2 saint lucia
NT2 saint vincent and the grenadines
RT oceania
RT seas
RT terrestrial ecosystems

ISO

UF *international standard organization*
BT1 international organizations
RT international electrotechnical commission
RT recommendations
RT regulations
RT standardized terminology
RT standards document

ISOALLOXAZINES

2000-04-03

UF *flavins*
***BT1** heterocyclic compounds
***BT1** organic nitrogen compounds
***BT1** organic oxygen compounds
NT1 diaphorase
RT coenzymes

isoamyl acetate

1996-10-23

(Prior to March 1997 ISOPENTYL ACETATE was used for this concept in ETDE.)
USE acetic acid esters

isoamylase

USE amylase
USE isoenzymes

ISOBAR MODEL

UF *isobaric model*
***BT1** particle models

ISOBARIC ANALOGS

UF *analog resonances (isobaric)*
UF *analog states*
BT1 energy levels
RT isobaric nuclei
RT nolen-schiffer anomaly

isobaric model

USE isobar model

ISOBARIC NUCLEI

Nuclei having identical mass numbers.
BT1 nuclei
RT isobaric analogs
RT mirror nuclei

isobaric spin

USE isospin

isobars (nucleon)

USE n*baryons

isobutane

USE 2-methylpropane

isobutyl alcohol

USE 2-methylpropanol

ISOBUTYL RADICALS

***BT1** alkyl radicals

isobutylene

USE 2-methylpropene

ISOBUTYRIC ACID

***BT1** monocarboxylic acids

ISOCRONOUS CYCLOTRONS

1996-07-18

(APACHE, CHICAGO CYCLOTRON, and CRACOW C-48 CYCLOTRON have been valid ETDE descriptors.)

UF *apache*
UF *chicago cyclotron*
UF *cracow c-48 cyclotron*
UF *sector cyclotron*
***BT1** cyclotrons
NT1 aabo cyclotron
NT1 alicia cyclotron
NT1 brookhaven cyclotron
NT1 cracow aic-144 cyclotron
NT1 crnl superconducting cyclotron
NT1 cyclone cyclotron
NT1 debrecen cyclotron
NT1 eindhoven cyclotron
NT1 ganil cyclotron
NT1 grenoble cyclotron
NT1 haizy cyclotron
NT1 hirfl cyclotron
NT1 inr cyclotron
NT1 ipcr cyclotron
NT1 iu cyclotron
NT1 jinr cyclotrons
NT2 jinr dc-110 cyclotron
NT2 jinr u-400 cyclotron
NT2 jinr u-400m cyclotron
NT1 julic cyclotron
NT1 karlsruhe cyclotron
NT1 kazakhstan cyclotron
NT1 kiev cyclotron
NT1 kvi cyclotron
NT1 milan superconducting cyclotron
NT1 msu cyclotrons
NT1 munich compact cyclotron

NT1 munich suse cyclotron
NT1 nac cyclotron
NT1 nirs cyclotron
NT1 nrl cyclotron
NT1 orn1 isochronous cyclotron
NT1 orsay cyclotron
NT1 oslo cyclotron
NT1 princeton cyclotron
NT1 rcnp cyclotron
NT1 sara cyclotron
NT1 sin cyclotron
NT1 texas a and m cyclotron
NT1 texas superconducting cyclotron
NT1 tohoku cyclotron
NT1 tokyo ins cyclotron
NT1 triumf cyclotron
NT1 uclrl cyclotrons
NT2 lbl 88-inch cyclotron
NT1 warsaw cyclotron
RT vicksi accelerator

ISOCYANATES

1995-01-11

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

(Until January 1995 this concept was indexed to CYANATES.)

UF *isocyanic acid*
***BT1** carbonic acid derivatives
BT1 nitrogen compounds
RT cyanates
RT oxygen compounds

isocyanic acid

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

USE isocyanates

ISOCYANIC ACID ESTERS

2000-04-12

***BT1** esters

ISODOSE CURVES

RT depth dose distributions
RT nonuniform irradiation
RT phantoms
RT radiation dose distributions
RT radiotherapy
RT spatial dose distributions

ISOELECTRONIC ATOMS

BT1 atoms
RT electronic structure

ISOENZYMES

UF *isoamylase*
BT1 organic compounds
RT enzymes

isolated locations

INIS: 1994-10-13; ETDE: 1978-06-14

USE remote areas

ISOLATION CONDENSERS

1994-08-26

***BT1** steam condensers
RT heat exchangers
RT reactor cooling systems

ISOMED

INIS: 1975-11-07; ETDE: 1975-12-16

Radiation Plant for Sterilization of Medical Products.

***BT1** irradiation plants
RT medical supplies
RT radiosterilization
RT surgical materials

ISOMER RATIO*INIS: 1986-05-23; ETDE: 1985-11-19**Ratio of cross sections for populating excited and ground states of the same nuclide in a nuclear reaction.*

BT1 dimensionless numbers

RT isomeric nuclei

ISOMER SHIFT*Property shift between the isomeric and the ground states of a nucleus.*

RT isomeric nuclei

ISOMERASES*Code number 5.*

*BT1 enzymes

RT isomerization

RT isomers

RT racemization

ISOMERIC NUCLEI

BT1 nuclei

RT fission isomers

RT isomer ratio

RT isomer shift

RT isomeric transition isotopes

RT isomeric transitions

ISOMERIC TRANSITION ISOTOPES*1997-02-07*

*BT1 radioisotopes

NT1 actinium 222

NT1 aluminium 24

NT1 americium 242

NT1 antimony 113

NT1 antimony 117

NT1 antimony 122

NT1 antimony 124

NT1 antimony 126

NT1 antimony 131

NT1 arsenic 75

NT1 astatine 202

NT1 barium 127

NT1 barium 131

NT1 barium 133

NT1 barium 135

NT1 barium 136

NT1 barium 137

NT1 barium 138

NT1 bismuth 184

NT1 bismuth 187

NT1 bismuth 198

NT1 bismuth 201

NT1 bismuth 208

NT1 bismuth 211

NT1 bohrium 266

NT1 bohrium 267

NT1 bohrium 272

NT1 bromine 76

NT1 bromine 77

NT1 bromine 79

NT1 bromine 80

NT1 bromine 82

NT1 bromine 83

NT1 cadmium 100

NT1 cadmium 111

NT1 cadmium 113

NT1 cerium 135

NT1 cerium 137

NT1 cerium 138

NT1 cerium 139

NT1 cesium 121

NT1 cesium 123

NT1 cesium 134

NT1 cesium 135

NT1 cesium 136

NT1 cesium 138

NT1 chlorine 34

NT1 chlorine 38

NT1 cobalt 58

NT1 cobalt 60

NT1 copper 68

NT1 darmstadtium 271

NT1 dubnium 267

NT1 dysprosium 140

NT1 dysprosium 147

NT1 dysprosium 149

NT1 dysprosium 165

NT1 erbium 151

NT1 erbium 167

NT1 europium 141

NT1 europium 152

NT1 europium 154

NT1 fermium 250

NT1 fermium 256

NT1 fluorine 18

NT1 francium 206

NT1 francium 211

NT1 francium 212

NT1 francium 213

NT1 francium 218

NT1 gadolinium 141

NT1 gadolinium 145

NT1 gadolinium 147

NT1 gadolinium 148

NT1 gallium 72

NT1 gallium 74

NT1 germanium 71

NT1 germanium 73

NT1 germanium 75

NT1 germanium 77

NT1 gold 191

NT1 gold 193

NT1 gold 195

NT1 gold 196

NT1 gold 197

NT1 gold 198

NT1 gold 200

NT1 hafnium 156

NT1 hafnium 177

NT1 hafnium 178

NT1 hafnium 179

NT1 hafnium 180

NT1 hafnium 182

NT1 holmium 148

NT1 holmium 156

NT1 holmium 158

NT1 holmium 159

NT1 holmium 160

NT1 holmium 161

NT1 holmium 162

NT1 holmium 163

NT1 holmium 164

NT1 holmium 168

NT1 indium 104

NT1 indium 107

NT1 indium 109

NT1 indium 111

NT1 indium 112

NT1 indium 113

NT1 indium 114

NT1 indium 115

NT1 indium 116

NT1 indium 117

NT1 indium 118

NT1 indium 119

NT1 indium 121

NT1 iodine 116

NT1 iodine 121

NT1 iodine 122

NT1 iodine 130

NT1 iodine 132

NT1 iodine 133

NT1 iodine 134

NT1 iridium 190

NT1 iridium 191

NT1 iridium 192

NT1 iridium 193

NT1 iridium 194

NT1 iron 53

NT1 krypton 79

NT1 krypton 81

NT1 krypton 83

NT1 krypton 84

NT1 krypton 85

NT1 krypton 86

NT1 lanthanum 132

NT1 lead 194

NT1 lead 197

NT1 lead 199

NT1 lead 200

NT1 lead 201

NT1 lead 202

NT1 lead 203

NT1 lead 204

NT1 lead 205

NT1 lead 207

NT1 lutetium 153

NT1 lutetium 154

NT1 lutetium 161

NT1 lutetium 169

NT1 lutetium 170

NT1 lutetium 171

NT1 lutetium 172

NT1 lutetium 174

NT1 lutetium 177

NT1 manganese 60

NT1 mercury 193

NT1 mercury 195

NT1 mercury 197

NT1 mercury 199

NT1 mercury 201

NT1 molybdenum 89

NT1 molybdenum 91

NT1 molybdenum 92

NT1 molybdenum 93

NT1 molybdenum 94

NT1 neodymium 137

NT1 neodymium 139

NT1 neodymium 141

NT1 neptunium 237

NT1 niobium 86

NT1 niobium 90

NT1 niobium 91

NT1 niobium 93

NT1 niobium 94

NT1 niobium 95

NT1 niobium 97

NT1 nobelium 254

NT1 osmium 182

NT1 osmium 183

NT1 osmium 189

NT1 osmium 190

NT1 osmium 191

NT1 osmium 192

NT1 palladium 107

NT1 palladium 109

NT1 palladium 111

NT1 palladium 117

NT1 platinum 184

NT1 platinum 193

NT1 platinum 195

NT1 platinum 197

NT1 platinum 199

NT1 plutonium 237

NT1 polonium 201

NT1 polonium 203

NT1 polonium 207

NT1 polonium 210

NT1 potassium 40

NT1 praseodymium 142

NT1 praseodymium 144

NT1 promethium 148

NT1 protactinium 234

NT1 radium 213

NT1 radon 197

NT1 radon 210

NT1 radon 211

NT1 rhenium 160
NT1 rhenium 167
NT1 rhenium 169
NT1 rhenium 184
NT1 rhenium 186
NT1 rhenium 188
NT1 rhenium 190
NT1 rhenium 194
NT1 rhenium 196
NT1 rhodium 100
NT1 rhodium 101
NT1 rhodium 103
NT1 rhodium 104
NT1 rhodium 105
NT1 rhodium 95
NT1 rhodium 96
NT1 rhodium 97
NT1 rubidium 76
NT1 rubidium 78
NT1 rubidium 81
NT1 rubidium 84
NT1 rubidium 85
NT1 rubidium 86
NT1 rubidium 90
NT1 ruthenium 93
NT1 samarium 139
NT1 samarium 141
NT1 samarium 143
NT1 scandium 44
NT1 scandium 46
NT1 scandium 50
NT1 selenium 73
NT1 selenium 77
NT1 selenium 79
NT1 selenium 81
NT1 silver 101
NT1 silver 102
NT1 silver 103
NT1 silver 105
NT1 silver 107
NT1 silver 108
NT1 silver 109
NT1 silver 110
NT1 silver 111
NT1 silver 113
NT1 silver 116
NT1 silver 118
NT1 silver 120
NT1 silver 99
NT1 sodium 22
NT1 sodium 24
NT1 strontium 83
NT1 strontium 85
NT1 strontium 87
NT1 tantalum 182
NT1 technetium 102
NT1 technetium 86
NT1 technetium 93
NT1 technetium 95
NT1 technetium 96
NT1 technetium 97
NT1 technetium 99
NT1 tellurium 121
NT1 tellurium 123
NT1 tellurium 125
NT1 tellurium 127
NT1 tellurium 129
NT1 tellurium 131
NT1 tellurium 133
NT1 terbium 142
NT1 terbium 144
NT1 terbium 146
NT1 terbium 151
NT1 terbium 152
NT1 terbium 154
NT1 terbium 156
NT1 terbium 158
NT1 thallium 179
NT1 thallium 185

NT1 thallium 186
NT1 thallium 187
NT1 thallium 193
NT1 thallium 195
NT1 thallium 196
NT1 thallium 197
NT1 thallium 198
NT1 thallium 201
NT1 thallium 206
NT1 thallium 207
NT1 thulium 150
NT1 thulium 162
NT1 thulium 164
NT1 tin 102
NT1 tin 113
NT1 tin 117
NT1 tin 119
NT1 tin 121
NT1 tin 129
NT1 tin 131
NT1 tungsten 179
NT1 tungsten 180
NT1 tungsten 183
NT1 tungsten 185
NT1 uranium 235
NT1 xenon 125
NT1 xenon 127
NT1 xenon 129
NT1 xenon 131
NT1 xenon 133
NT1 xenon 135
NT1 ytterbium 153
NT1 ytterbium 169
NT1 ytterbium 175
NT1 ytterbium 176
NT1 ytterbium 177
NT1 yttrium 86
NT1 yttrium 87
NT1 yttrium 88
NT1 yttrium 89
NT1 yttrium 90
NT1 yttrium 91
NT1 yttrium 93
NT1 yttrium 97
NT1 zinc 69
NT1 zirconium 85
NT1 zirconium 87
NT1 zirconium 89
NT1 zirconium 90
RT isomeric nuclei
RT isomeric transitions

ISOMERIC TRANSITIONS

BT1 energy-level transitions
RT decay
RT isomeric nuclei
RT isomeric transition isotopes

ISOMERIZATION

INIS: 1976-07-06; ETDE: 1976-09-14
Process for converting hydrocarbon or other organic compound to an isomer.
UF tautomerism
BT1 chemical reactions
RT isomerases

ISOMERS

Only for geometrical isomers and stereoisomers in chemistry; see also ISOMERIC NUCLEI.
NT1 enantiomorphs
RT isomerases
RT stereochemistry

ISONIAZID

1996-07-18
UF iproniazid
***BT1** antimicrobial agents
***BT1** hydrazides
RT pyridines

ISONITRILES

***BT1** carbonic acid derivatives
RT nitriles

isopentane

INIS: 1983-09-06; ETDE: 1979-09-26
USE 2-methylbutane

isopentyl acetate

1996-10-23
 (Until October 1996 this was a valid descriptor.)
USE acetic acid esters

ISOPRENE

UF 2-methylbutadiene
***BT1** dienes
RT polyisoprene

isopropyl cresol

USE thymol

ISOPROPYL ETHER

UF di-(2-propyl) ether
UF diisopropyl ether
***BT1** ethers
RT organic solvents

ISOPROPYL RADICALS

***BT1** alkyl radicals

isopropylbenzene

USE cumene

isopropyltoluene-para

USE cymene

ISOSPIN

1996-01-24
UF isobaric spin
UF isotopic spin
BT1 particle properties
RT charm particles
RT yang-mills theory

ISOTACHOPHORESIS

INIS: 1993-08-03; ETDE: 1983-04-07
Migration of ion species of the same sign, all with a common counter-ion, under the influence of an electric field.
BT1 electrophoresis

isotherm

INIS: 2000-04-12; ETDE: 1976-08-24
 (Prior to July 1985, this was a valid ETDE descriptor.)
USE isotherms

ISOTHERMAL PROCESSES

UF processes (isothermal)
RT adiabatic processes
RT isentropic processes
RT thermodynamics

ISOTHERMS

INIS: 1983-02-03; ETDE: 1983-03-07
Lines connecting points of equal temperature.
UF geoisotherms
UF isotherm
NT1 adsorption isotherms
RT temperature distribution
RT temperature measurement

ISOTHIOCYANATES

1995-01-11
Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.
 (Until January 1995 this concept was indexed to THIOCYANATES.)
***BT1** carbonic acid derivatives
BT1 nitrogen compounds

*BT1 organic sulfur compounds
RT thiocyanates

isotones

USE isotonic nuclei

ISOTONIC NUCLEI

Nuclei having identical number of neutrons.

UF isotones
BT1 nuclei

ISOTONIC SOLUTIONS

INIS: 1981-02-27; ETDE: 1981-03-13

Solutions having the same osmotic pressure.

*BT1 solutions
RT hypertonic solutions
RT osmosis

isotope analysis (quantitative)

1995-11-10

USE isotope ratio

ISOTOPE APPLICATIONS

NT1 tracer techniques
NT2 dual-isotope subtraction technique
NT2 isotope dilution
NT2 labelled pool techniques
NT2 radioactive tracer logging
NT2 radioimmunodetection
NT3 radioimmunoassay
NT3 radioimmunosciintigraphy
NT2 radioreceptor assay
RT labelling
RT radiocolloids

isotope composition

USE isotope ratio

isotope composition (quantitative)

USE isotope ratio

ISOTOPE DATING

UF argon method
UF helium method
UF lead method
UF radiocarbon dating
BT1 age estimation
RT carbon 14

ISOTOPE DILUTION

*BT1 tracer techniques
RT dilution
RT quantitative chemical analysis
RT substoichiometry

ISOTOPE EFFECTS

UF isotopic effects
RT isotopes
RT isotopic exchange

ISOTOPE ENRICHED MATERIALS

UF enriched materials (isotopes)
BT1 materials
NT1 enriched uranium
NT2 highly enriched uranium
NT2 moderately enriched uranium
NT2 slightly enriched uranium
RT gas centrifugation
RT isotope separation
RT isotopic exchange

isotope enrichment

USE isotope separation

isotope exchange

USE isotopic exchange

ISOTOPE PRODUCTION

UF production (isotope)
RT accelerators
RT isotope production reactors
RT isotopes
RT production

RT radioisotope generators
RT transmutation

ISOTOPE PRODUCTION REACTORS

1995-01-10

For the production of radioisotopes to be used in medicine, agriculture, industry, etc.; for the production of fissile materials, see also PRODUCTION REACTORS, and for the production of tritium, see also TRITIUM PRODUCTION REACTORS.

*BT1 irradiation reactors
NT1 afri reactor
NT1 ai-l-77 reactor
NT1 alrr reactor
NT1 apsara reactor
NT1 astra reactor
NT1 atpr reactor
NT1 bepo reactor
NT1 ber-2 reactor
NT1 bgrr reactor
NT1 brr reactor
NT1 byu l-77 reactor
NT1 celestin reactor
NT1 cesnef reactor
NT1 cirus reactor
NT1 consort-2 reactor
NT1 cp-5 reactor
NT1 dhruva reactor
NT1 dido reactor
NT1 dmtr reactor
NT1 dow triga-mk-1 reactor
NT1 dr-2 reactor
NT1 dr-3 reactor
NT1 el-1 reactor
NT1 el-2 reactor
NT1 el-3 reactor
NT1 etr reactor
NT1 ewa reactor
NT1 fir-1 reactor
NT1 fnr reactor
NT1 fr-2 reactor
NT1 frf reactor
NT1 frg-2 reactor
NT1 frj-2 reactor
NT1 getr reactor
NT1 gtrr reactor
NT1 gulf triga-mk-3 reactor
NT1 hanaro reactor
NT1 hfir reactor
NT1 hifar reactor
NT1 htr reactor
NT1 hwrr reactor
NT1 ian-r1 reactor
NT1 ill high flux reactor
NT1 irt-c reactor
NT1 irt-f reactor
NT1 irt reactor
NT1 irt-sofia reactor
NT1 ispra-1 reactor
NT1 jeep-2 reactor
NT1 jrr-1 reactor
NT1 jrr-3 reactor
NT1 jrr-3m reactor
NT1 kuhfr reactor
NT1 lprr reactor
NT1 maria reactor
NT1 melusine-1 reactor
NT1 mnrr reactor
NT1 mrr reactor
NT1 nru reactor
NT1 nrx reactor
NT1 opal reactor
NT1 ostr reactor
NT1 pulstar-buffalo reactor
NT1 r-1 reactor
NT1 r-a reactor
NT1 r2-0 reactor
NT1 rmb reactor

NT1 rtp reactor
NT1 rts-1 reactor
NT1 siloe reactor
NT1 slowpoke type reactors
NT2 slowpoke-alberta reactor
NT2 slowpoke-dalhousie reactor
NT2 slowpoke-mona reactor
NT2 slowpoke-montreal reactor
NT2 slowpoke-ottawa reactor
NT2 slowpoke rmc reactor
NT2 slowpoke src reactor
NT2 slowpoke-toronto reactor
NT2 slowpoke-wnre reactor
NT1 taiwan research reactor
NT1 thetis reactor
NT1 thor reactor
NT1 tr-1 reactor
NT1 trico ii reactor
NT1 trico reactor
NT1 triga-1-california reactor
NT1 triga-1-hanover reactor
NT1 triga-1-michigan reactor
NT1 triga-2-bandung reactor
NT1 triga-2-bangladesh reactor
NT1 triga-2-dalat reactor
NT1 triga-2-illinois reactor
NT1 triga-2-kansas reactor
NT1 triga-2-ljubljana reactor
NT1 triga-2-mainz reactor
NT1 triga-2-musashi reactor
NT1 triga-2-pavia reactor
NT1 triga-2-pitesti reactor
NT1 triga-2 reactor
NT1 triga-2-rikkyo reactor
NT1 triga-2-rome reactor
NT1 triga-2-seoul reactor
NT1 triga-2-vienna reactor
NT1 triga-3-munich reactor
NT1 triga-3-salazar reactor
NT1 triga-3-seoul reactor
NT1 triga-brazil reactor
NT1 triga-texas reactor
NT1 triga-veterans reactor
NT1 tz1 reactor
NT1 ucbr reactor
NT1 ufr reactor
NT1 uknr reactor
NT1 uvar reactor
NT1 uwnr reactor
NT1 wtr reactor
NT1 wwr-2 reactor
NT1 wwr-m-kiev reactor
NT1 wwr-m-leningrad reactor
NT1 wwr-s-budapest reactor
NT1 wwr-s-moscow reactor
NT1 wwr-sm rossendorf reactor
NT1 x-10 reactor
RT isotope production

ISOTOPE RATIO

UF abundance (isotopic)
UF isotope analysis (quantitative)
UF isotope composition
UF isotope composition (quantitative)
UF isotopic analysis (quantitative)
UF isotopic composition (quantitative)
BT1 dimensionless numbers
RT abundance
RT element abundance
RT isotopes
RT natural occurrence

ISOTOPE SEPARATION

For separation of isotopes of the same element only.

UF column separation (isotopes)
UF depletion (isotopic)
UF enrichment (isotopic)
UF enrichment (uranium)
UF isotope enrichment

UF isotopic separation
UF uranium enrichment
 BT1 separation processes
 NT1 dual temperature process
 NT1 electromagnetic isotope separation
 NT1 gas centrifugation
 NT1 gaseous diffusion process
 NT1 laser isotope separation
 NT1 separation nozzle method
 RT centrifugation
 RT electromagnetic isotope separators
 RT enrichment
 RT gas centrifuges
 RT heavy water plants
 RT isotope enriched materials
 RT isotope separators
 RT isotopes
 RT plasma centrifuges
 RT radioisotope generators
 RT thermal diffusion
 RT ultracentrifuges

ISOTOPE SEPARATION PLANTS

INIS: 1976-04-03; ETDE: 1976-05-17

UF uranium enrichment plants
 BT1 industrial plants
 BT1 nuclear facilities
 NT1 areva nc miramas
 NT1 areva nc pierrelatte
 NT1 centrifuge enrichment plants
 NT2 portsmouth centrifuge enrichment plant
 NT2 rokkasho uranium enrichment plant
 NT1 gaseous diffusion plants
 NT2 orgdp
 NT2 paducah plant
 NT2 portsmouth gaseous diffusion plant
 NT1 heavy water plants
 NT1 tritium extraction plants
 RT isotope separators

ISOTOPE SEPARATORS

1994-04-12

UF cern isolate
 *BT1 separation equipment
 RT isotope separation
 RT isotope separation plants

isotope shift

USE spectral shift

ISOTOPES

(From October 1976 till February 1997
 ALKALI METAL ISOTOPES was a valid
 ETDE descriptor.)

UF alkali metal isotopes
UF nuclides

NT1 actinium isotopes
 NT2 actinium 206
 NT2 actinium 207
 NT2 actinium 208
 NT2 actinium 209
 NT2 actinium 210
 NT2 actinium 211
 NT2 actinium 212
 NT2 actinium 213
 NT2 actinium 214
 NT2 actinium 215
 NT2 actinium 216
 NT2 actinium 217
 NT2 actinium 218
 NT2 actinium 219
 NT2 actinium 220
 NT2 actinium 221
 NT2 actinium 222
 NT2 actinium 223
 NT2 actinium 224
 NT2 actinium 225
 NT2 actinium 226
 NT2 actinium 227

NT2 actinium 228
 NT2 actinium 229
 NT2 actinium 230
 NT2 actinium 231
 NT2 actinium 232
 NT2 actinium 233
 NT2 actinium 234
 NT2 actinium 235
 NT2 actinium 236
 NT1 alkaline earth isotopes
 NT2 barium isotopes
 NT3 barium 114
 NT3 barium 115
 NT3 barium 116
 NT3 barium 117
 NT3 barium 118
 NT3 barium 119
 NT3 barium 120
 NT3 barium 121
 NT3 barium 122
 NT3 barium 123
 NT3 barium 124
 NT3 barium 125
 NT3 barium 126
 NT3 barium 127
 NT3 barium 128
 NT3 barium 129
 NT3 barium 130
 NT3 barium 131
 NT3 barium 132
 NT3 barium 133
 NT3 barium 134
 NT3 barium 135
 NT3 barium 136
 NT3 barium 137
 NT3 barium 138
 NT3 barium 139
 NT3 barium 140
 NT3 barium 141
 NT3 barium 142
 NT3 barium 143
 NT3 barium 144
 NT3 barium 145
 NT3 barium 146
 NT3 barium 147
 NT3 barium 148
 NT3 barium 149
 NT3 barium 150
 NT3 barium 151
 NT3 barium 152
 NT3 barium 153
 NT2 beryllium isotopes
 NT3 beryllium 10
 NT3 beryllium 11
 NT3 beryllium 12
 NT3 beryllium 13
 NT3 beryllium 14
 NT3 beryllium 15
 NT3 beryllium 16
 NT3 beryllium 5
 NT3 beryllium 6
 NT3 beryllium 7
 NT3 beryllium 8
 NT3 beryllium 9
 NT2 calcium isotopes
 NT3 calcium 34
 NT3 calcium 35
 NT3 calcium 36
 NT3 calcium 37
 NT3 calcium 38
 NT3 calcium 39
 NT3 calcium 40
 NT3 calcium 41
 NT3 calcium 42
 NT3 calcium 43
 NT3 calcium 44
 NT3 calcium 45
 NT3 calcium 46
 NT3 calcium 47

NT3 calcium 48
 NT3 calcium 49
 NT3 calcium 50
 NT3 calcium 51
 NT3 calcium 52
 NT3 calcium 53
 NT3 calcium 54
 NT3 calcium 55
 NT3 calcium 56
 NT3 calcium 57
 NT3 calcium 58
 NT3 calcium 60
 NT2 magnesium isotopes
 NT3 magnesium 19
 NT3 magnesium 20
 NT3 magnesium 21
 NT3 magnesium 22
 NT3 magnesium 23
 NT3 magnesium 24
 NT3 magnesium 25
 NT3 magnesium 26
 NT3 magnesium 27
 NT3 magnesium 28
 NT3 magnesium 29
 NT3 magnesium 30
 NT3 magnesium 31
 NT3 magnesium 32
 NT3 magnesium 33
 NT3 magnesium 34
 NT3 magnesium 35
 NT3 magnesium 36
 NT3 magnesium 37
 NT3 magnesium 38
 NT3 magnesium 39
 NT3 magnesium 40
 NT2 radium isotopes
 NT3 radium 201
 NT3 radium 202
 NT3 radium 203
 NT3 radium 204
 NT3 radium 205
 NT3 radium 206
 NT3 radium 207
 NT3 radium 208
 NT3 radium 209
 NT3 radium 210
 NT3 radium 211
 NT3 radium 212
 NT3 radium 213
 NT3 radium 214
 NT3 radium 215
 NT3 radium 216
 NT3 radium 217
 NT3 radium 218
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 NT3 radium 226
 NT3 radium 227
 NT3 radium 228
 NT3 radium 229
 NT3 radium 230
 NT3 radium 231
 NT3 radium 232
 NT3 radium 233
 NT3 radium 234
 NT2 strontium isotopes
 NT3 strontium 100
 NT3 strontium 101
 NT3 strontium 102
 NT3 strontium 103
 NT3 strontium 104
 NT3 strontium 105
 NT3 strontium 73
 NT3 strontium 74

NT3	strontium 75	NT2	antimony 113	NT2	arsenic 86
NT3	strontium 76	NT2	antimony 114	NT2	arsenic 87
NT3	strontium 77	NT2	antimony 115	NT2	arsenic 88
NT3	strontium 78	NT2	antimony 116	NT2	arsenic 89
NT3	strontium 79	NT2	antimony 117	NT2	arsenic 90
NT3	strontium 80	NT2	antimony 118	NT2	arsenic 91
NT3	strontium 81	NT2	antimony 119	NT2	arsenic 92
NT3	strontium 82	NT2	antimony 120	NT1	astatine isotopes
NT3	strontium 83	NT2	antimony 121	NT2	astatine 191
NT3	strontium 84	NT2	antimony 122	NT2	astatine 192
NT3	strontium 85	NT2	antimony 123	NT2	astatine 193
NT3	strontium 86	NT2	antimony 124	NT2	astatine 194
NT3	strontium 87	NT2	antimony 125	NT2	astatine 195
NT3	strontium 88	NT2	antimony 126	NT2	astatine 196
NT3	strontium 89	NT2	antimony 127	NT2	astatine 197
NT3	strontium 90	NT2	antimony 128	NT2	astatine 198
NT3	strontium 91	NT2	antimony 129	NT2	astatine 199
NT3	strontium 92	NT2	antimony 130	NT2	astatine 200
NT3	strontium 93	NT2	antimony 131	NT2	astatine 201
NT3	strontium 94	NT2	antimony 132	NT2	astatine 202
NT3	strontium 95	NT2	antimony 133	NT2	astatine 203
NT3	strontium 96	NT2	antimony 134	NT2	astatine 204
NT3	strontium 97	NT2	antimony 135	NT2	astatine 205
NT3	strontium 98	NT2	antimony 136	NT2	astatine 206
NT3	strontium 99	NT2	antimony 137	NT2	astatine 207
NT1	aluminium isotopes	NT2	antimony 138	NT2	astatine 208
NT2	aluminium 21	NT2	antimony 139	NT2	astatine 209
NT2	aluminium 22	NT1	argon isotopes	NT2	astatine 210
NT2	aluminium 23	NT2	argon 30	NT2	astatine 211
NT2	aluminium 24	NT2	argon 31	NT2	astatine 212
NT2	aluminium 25	NT2	argon 32	NT2	astatine 213
NT2	aluminium 26	NT2	argon 33	NT2	astatine 214
NT2	aluminium 27	NT2	argon 34	NT2	astatine 215
NT2	aluminium 28	NT2	argon 35	NT2	astatine 216
NT2	aluminium 29	NT2	argon 36	NT2	astatine 217
NT2	aluminium 30	NT2	argon 37	NT2	astatine 218
NT2	aluminium 31	NT2	argon 38	NT2	astatine 219
NT2	aluminium 32	NT2	argon 39	NT2	astatine 220
NT2	aluminium 33	NT2	argon 40	NT2	astatine 221
NT2	aluminium 34	NT2	argon 41	NT2	astatine 222
NT2	aluminium 35	NT2	argon 42	NT2	astatine 223
NT2	aluminium 36	NT2	argon 43	NT1	berkelium isotopes
NT2	aluminium 37	NT2	argon 44	NT2	berkelium 235
NT2	aluminium 38	NT2	argon 45	NT2	berkelium 236
NT2	aluminium 39	NT2	argon 46	NT2	berkelium 237
NT2	aluminium 40	NT2	argon 47	NT2	berkelium 238
NT2	aluminium 41	NT2	argon 48	NT2	berkelium 239
NT2	aluminium 42	NT2	argon 49	NT2	berkelium 240
NT1	americium isotopes	NT2	argon 50	NT2	berkelium 241
NT2	americium 231	NT2	argon 51	NT2	berkelium 242
NT2	americium 232	NT2	argon 52	NT2	berkelium 243
NT2	americium 233	NT2	argon 53	NT2	berkelium 244
NT2	americium 234	NT1	arsenic isotopes	NT2	berkelium 245
NT2	americium 235	NT2	arsenic 60	NT2	berkelium 246
NT2	americium 236	NT2	arsenic 61	NT2	berkelium 247
NT2	americium 237	NT2	arsenic 62	NT2	berkelium 248
NT2	americium 238	NT2	arsenic 63	NT2	berkelium 249
NT2	americium 239	NT2	arsenic 64	NT2	berkelium 250
NT2	americium 240	NT2	arsenic 65	NT2	berkelium 251
NT2	americium 241	NT2	arsenic 66	NT2	berkelium 252
NT2	americium 242	NT2	arsenic 67	NT2	berkelium 253
NT2	americium 243	NT2	arsenic 68	NT2	berkelium 254
NT2	americium 244	NT2	arsenic 69	NT1	bismuth isotopes
NT2	americium 245	NT2	arsenic 70	NT2	bismuth 184
NT2	americium 246	NT2	arsenic 71	NT2	bismuth 185
NT2	americium 247	NT2	arsenic 72	NT2	bismuth 186
NT2	americium 248	NT2	arsenic 73	NT2	bismuth 187
NT2	americium 249	NT2	arsenic 74	NT2	bismuth 188
NT1	antimony isotopes	NT2	arsenic 75	NT2	bismuth 189
NT2	antimony 103	NT2	arsenic 76	NT2	bismuth 190
NT2	antimony 104	NT2	arsenic 77	NT2	bismuth 191
NT2	antimony 105	NT2	arsenic 78	NT2	bismuth 192
NT2	antimony 106	NT2	arsenic 79	NT2	bismuth 193
NT2	antimony 107	NT2	arsenic 80	NT2	bismuth 194
NT2	antimony 108	NT2	arsenic 81	NT2	bismuth 195
NT2	antimony 109	NT2	arsenic 82	NT2	bismuth 196
NT2	antimony 110	NT2	arsenic 83	NT2	bismuth 197
NT2	antimony 111	NT2	arsenic 84	NT2	bismuth 198
NT2	antimony 112	NT2	arsenic 85	NT2	bismuth 199

NT2	bismuth 200	NT2	bromine 97	NT1	cerium isotopes
NT2	bismuth 201	NT1	cadmium isotopes	NT2	cerium 119
NT2	bismuth 202	NT2	cadmium 100	NT2	cerium 120
NT2	bismuth 203	NT2	cadmium 101	NT2	cerium 121
NT2	bismuth 204	NT2	cadmium 102	NT2	cerium 122
NT2	bismuth 205	NT2	cadmium 103	NT2	cerium 123
NT2	bismuth 206	NT2	cadmium 104	NT2	cerium 124
NT2	bismuth 207	NT2	cadmium 105	NT2	cerium 125
NT2	bismuth 208	NT2	cadmium 106	NT2	cerium 126
NT2	bismuth 209	NT2	cadmium 107	NT2	cerium 127
NT2	bismuth 210	NT2	cadmium 108	NT2	cerium 128
NT2	bismuth 211	NT2	cadmium 109	NT2	cerium 129
NT2	bismuth 212	NT2	cadmium 110	NT2	cerium 130
NT2	bismuth 213	NT2	cadmium 111	NT2	cerium 131
NT2	bismuth 214	NT2	cadmium 112	NT2	cerium 132
NT2	bismuth 215	NT2	cadmium 113	NT2	cerium 133
NT2	bismuth 216	NT2	cadmium 114	NT2	cerium 134
NT2	bismuth 217	NT2	cadmium 115	NT2	cerium 135
NT2	bismuth 218	NT2	cadmium 116	NT2	cerium 136
NT1	bohrium isotopes	NT2	cadmium 117	NT2	cerium 137
NT2	bohrium 260	NT2	cadmium 118	NT2	cerium 138
NT2	bohrium 261	NT2	cadmium 119	NT2	cerium 139
NT2	bohrium 262	NT2	cadmium 120	NT2	cerium 140
NT2	bohrium 263	NT2	cadmium 121	NT2	cerium 141
NT2	bohrium 264	NT2	cadmium 122	NT2	cerium 142
NT2	bohrium 265	NT2	cadmium 123	NT2	cerium 143
NT2	bohrium 266	NT2	cadmium 124	NT2	cerium 144
NT2	bohrium 267	NT2	cadmium 125	NT2	cerium 145
NT2	bohrium 271	NT2	cadmium 126	NT2	cerium 146
NT2	bohrium 272	NT2	cadmium 127	NT2	cerium 147
NT2	bohrium 273	NT2	cadmium 128	NT2	cerium 148
NT2	bohrium 274	NT2	cadmium 129	NT2	cerium 149
NT2	bohrium 275	NT2	cadmium 130	NT2	cerium 150
NT1	boron isotopes	NT2	cadmium 131	NT2	cerium 151
NT2	boron 10	NT2	cadmium 132	NT2	cerium 152
NT2	boron 11	NT2	cadmium 95	NT2	cerium 153
NT2	boron 12	NT2	cadmium 96	NT2	cerium 154
NT2	boron 13	NT2	cadmium 97	NT2	cerium 155
NT2	boron 14	NT2	cadmium 98	NT2	cerium 156
NT2	boron 15	NT2	cadmium 99	NT2	cerium 157
NT2	boron 16	NT1	californium isotopes	NT1	cesium isotopes
NT2	boron 17	NT2	californium 236	NT2	cesium 112
NT2	boron 18	NT2	californium 237	NT2	cesium 113
NT2	boron 19	NT2	californium 238	NT2	cesium 114
NT2	boron 6	NT2	californium 239	NT2	cesium 115
NT2	boron 7	NT2	californium 240	NT2	cesium 116
NT2	boron 8	NT2	californium 241	NT2	cesium 117
NT2	boron 9	NT2	californium 242	NT2	cesium 118
NT1	bromine isotopes	NT2	californium 243	NT2	cesium 119
NT2	bromine 67	NT2	californium 244	NT2	cesium 120
NT2	bromine 68	NT2	californium 245	NT2	cesium 121
NT2	bromine 69	NT2	californium 246	NT2	cesium 122
NT2	bromine 70	NT2	californium 247	NT2	cesium 123
NT2	bromine 71	NT2	californium 248	NT2	cesium 124
NT2	bromine 72	NT2	californium 249	NT2	cesium 125
NT2	bromine 73	NT2	californium 250	NT2	cesium 126
NT2	bromine 74	NT2	californium 251	NT2	cesium 127
NT2	bromine 75	NT2	californium 252	NT2	cesium 128
NT2	bromine 76	NT2	californium 253	NT2	cesium 129
NT2	bromine 77	NT2	californium 254	NT2	cesium 130
NT2	bromine 78	NT2	californium 255	NT2	cesium 131
NT2	bromine 79	NT2	californium 256	NT2	cesium 132
NT2	bromine 80	NT1	carbon isotopes	NT2	cesium 133
NT2	bromine 81	NT2	carbon 10	NT2	cesium 134
NT2	bromine 82	NT2	carbon 11	NT2	cesium 135
NT2	bromine 83	NT2	carbon 12	NT2	cesium 136
NT2	bromine 84	NT2	carbon 13	NT2	cesium 137
NT2	bromine 85	NT2	carbon 14	NT2	cesium 138
NT2	bromine 86	NT2	carbon 15	NT2	cesium 139
NT2	bromine 87	NT2	carbon 16	NT2	cesium 140
NT2	bromine 88	NT2	carbon 17	NT2	cesium 141
NT2	bromine 89	NT2	carbon 18	NT2	cesium 142
NT2	bromine 90	NT2	carbon 19	NT2	cesium 143
NT2	bromine 91	NT2	carbon 20	NT2	cesium 144
NT2	bromine 92	NT2	carbon 21	NT2	cesium 145
NT2	bromine 93	NT2	carbon 22	NT2	cesium 146
NT2	bromine 94	NT2	carbon 8	NT2	cesium 147
NT2	bromine 95	NT2	carbon 9	NT2	cesium 148
NT2	bromine 96	NT1	carrier-free isotopes	NT2	cesium 149

NT2	cesium 150	NT2	cobalt 72	NT2	dubnium 260
NT2	cesium 151	NT2	cobalt 73	NT2	dubnium 261
NT1	chlorine isotopes	NT2	cobalt 74	NT2	dubnium 262
NT2	chlorine 28	NT2	cobalt 75	NT2	dubnium 263
NT2	chlorine 29	NT1	copernicium isotopes	NT2	dubnium 264
NT2	chlorine 30	NT2	copernicium 277	NT2	dubnium 265
NT2	chlorine 31	NT2	copernicium 278	NT2	dubnium 266
NT2	chlorine 32	NT2	copernicium 282	NT2	dubnium 267
NT2	chlorine 33	NT2	copernicium 283	NT2	dubnium 268
NT2	chlorine 34	NT2	copernicium 284	NT2	dubnium 269
NT2	chlorine 35	NT2	copernicium 285	NT1	dysprosium isotopes
NT2	chlorine 36	NT1	copper isotopes	NT2	dysprosium 138
NT2	chlorine 37	NT2	copper 52	NT2	dysprosium 139
NT2	chlorine 38	NT2	copper 53	NT2	dysprosium 140
NT2	chlorine 39	NT2	copper 54	NT2	dysprosium 141
NT2	chlorine 40	NT2	copper 55	NT2	dysprosium 142
NT2	chlorine 41	NT2	copper 56	NT2	dysprosium 143
NT2	chlorine 42	NT2	copper 57	NT2	dysprosium 144
NT2	chlorine 43	NT2	copper 58	NT2	dysprosium 145
NT2	chlorine 44	NT2	copper 59	NT2	dysprosium 146
NT2	chlorine 45	NT2	copper 60	NT2	dysprosium 147
NT2	chlorine 46	NT2	copper 61	NT2	dysprosium 148
NT2	chlorine 47	NT2	copper 62	NT2	dysprosium 149
NT2	chlorine 48	NT2	copper 63	NT2	dysprosium 150
NT2	chlorine 49	NT2	copper 64	NT2	dysprosium 151
NT2	chlorine 50	NT2	copper 65	NT2	dysprosium 152
NT2	chlorine 51	NT2	copper 66	NT2	dysprosium 153
NT1	chromium isotopes	NT2	copper 67	NT2	dysprosium 154
NT2	chromium 42	NT2	copper 68	NT2	dysprosium 155
NT2	chromium 43	NT2	copper 69	NT2	dysprosium 156
NT2	chromium 44	NT2	copper 70	NT2	dysprosium 157
NT2	chromium 45	NT2	copper 71	NT2	dysprosium 158
NT2	chromium 46	NT2	copper 72	NT2	dysprosium 159
NT2	chromium 47	NT2	copper 73	NT2	dysprosium 160
NT2	chromium 48	NT2	copper 74	NT2	dysprosium 161
NT2	chromium 49	NT2	copper 75	NT2	dysprosium 162
NT2	chromium 50	NT2	copper 76	NT2	dysprosium 163
NT2	chromium 51	NT2	copper 77	NT2	dysprosium 164
NT2	chromium 52	NT2	copper 78	NT2	dysprosium 165
NT2	chromium 53	NT2	copper 79	NT2	dysprosium 166
NT2	chromium 54	NT2	copper 80	NT2	dysprosium 167
NT2	chromium 55	NT1	curium isotopes	NT2	dysprosium 168
NT2	chromium 56	NT2	curium 232	NT2	dysprosium 169
NT2	chromium 57	NT2	curium 233	NT2	dysprosium 170
NT2	chromium 58	NT2	curium 234	NT2	dysprosium 171
NT2	chromium 59	NT2	curium 235	NT2	dysprosium 172
NT2	chromium 60	NT2	curium 236	NT2	dysprosium 173
NT2	chromium 61	NT2	curium 237	NT1	einsteinium isotopes
NT2	chromium 62	NT2	curium 238	NT2	einsteinium 240
NT2	chromium 63	NT2	curium 239	NT2	einsteinium 241
NT2	chromium 64	NT2	curium 240	NT2	einsteinium 242
NT2	chromium 65	NT2	curium 241	NT2	einsteinium 243
NT2	chromium 66	NT2	curium 242	NT2	einsteinium 244
NT2	chromium 67	NT2	curium 243	NT2	einsteinium 245
NT2	chromium 68	NT2	curium 244	NT2	einsteinium 246
NT1	cobalt isotopes	NT2	curium 245	NT2	einsteinium 247
NT2	cobalt 49	NT2	curium 246	NT2	einsteinium 248
NT2	cobalt 50	NT2	curium 247	NT2	einsteinium 249
NT2	cobalt 51	NT2	curium 248	NT2	einsteinium 250
NT2	cobalt 52	NT2	curium 249	NT2	einsteinium 251
NT2	cobalt 53	NT2	curium 250	NT2	einsteinium 252
NT2	cobalt 54	NT2	curium 251	NT2	einsteinium 253
NT2	cobalt 55	NT2	curium 252	NT2	einsteinium 254
NT2	cobalt 56	NT1	darmstadtium isotopes	NT2	einsteinium 255
NT2	cobalt 57	NT2	darmstadtium 267	NT2	einsteinium 256
NT2	cobalt 58	NT2	darmstadtium 269	NT2	einsteinium 257
NT2	cobalt 59	NT2	darmstadtium 270	NT2	einsteinium 258
NT2	cobalt 60	NT2	darmstadtium 271	NT1	element 119 isotopes
NT2	cobalt 61	NT2	darmstadtium 272	NT1	element 124 isotopes
NT2	cobalt 62	NT2	darmstadtium 273	NT2	element 124 312
NT2	cobalt 63	NT2	darmstadtium 279	NT1	erbium isotopes
NT2	cobalt 64	NT2	darmstadtium 281	NT2	erbium 143
NT2	cobalt 65	NT1	daughter products	NT2	erbium 144
NT2	cobalt 66	NT1	dubnium isotopes	NT2	erbium 145
NT2	cobalt 67	NT2	dubnium 255	NT2	erbium 146
NT2	cobalt 68	NT2	dubnium 256	NT2	erbium 147
NT2	cobalt 69	NT2	dubnium 257	NT2	erbium 148
NT2	cobalt 70	NT2	dubnium 258	NT2	erbium 149
NT2	cobalt 71	NT2	dubnium 259	NT2	erbium 150

NT2	erbium 151	NT2	fermium 253	NT2	gadolinium 141
NT2	erbium 152	NT2	fermium 254	NT2	gadolinium 142
NT2	erbium 153	NT2	fermium 255	NT2	gadolinium 143
NT2	erbium 154	NT2	fermium 256	NT2	gadolinium 144
NT2	erbium 155	NT2	fermium 257	NT2	gadolinium 145
NT2	erbium 156	NT2	fermium 258	NT2	gadolinium 146
NT2	erbium 157	NT2	fermium 259	NT2	gadolinium 147
NT2	erbium 158	NT2	fermium 260	NT2	gadolinium 148
NT2	erbium 159	NT2	fermium 264	NT2	gadolinium 149
NT2	erbium 160	NT1	fission products	NT2	gadolinium 150
NT2	erbium 161	NT1	flerovium isotopes	NT2	gadolinium 151
NT2	erbium 162	NT2	flerovium 285	NT2	gadolinium 152
NT2	erbium 163	NT2	flerovium 286	NT2	gadolinium 153
NT2	erbium 164	NT2	flerovium 287	NT2	gadolinium 154
NT2	erbium 165	NT2	flerovium 288	NT2	gadolinium 155
NT2	erbium 166	NT2	flerovium 289	NT2	gadolinium 156
NT2	erbium 167	NT2	flerovium 292	NT2	gadolinium 157
NT2	erbium 168	NT1	fluorine isotopes	NT2	gadolinium 158
NT2	erbium 169	NT2	fluorine 14	NT2	gadolinium 159
NT2	erbium 170	NT2	fluorine 15	NT2	gadolinium 160
NT2	erbium 171	NT2	fluorine 16	NT2	gadolinium 161
NT2	erbium 172	NT2	fluorine 17	NT2	gadolinium 162
NT2	erbium 173	NT2	fluorine 18	NT2	gadolinium 163
NT2	erbium 174	NT2	fluorine 19	NT2	gadolinium 164
NT2	erbium 175	NT2	fluorine 20	NT2	gadolinium 165
NT2	erbium 176	NT2	fluorine 21	NT2	gadolinium 166
NT2	erbium 177	NT2	fluorine 22	NT2	gadolinium 167
NT1	europium isotopes	NT2	fluorine 23	NT2	gadolinium 168
NT2	europium 130	NT2	fluorine 24	NT2	gadolinium 169
NT2	europium 131	NT2	fluorine 25	NT1	gallium isotopes
NT2	europium 132	NT2	fluorine 26	NT2	gallium 56
NT2	europium 133	NT2	fluorine 27	NT2	gallium 57
NT2	europium 134	NT2	fluorine 28	NT2	gallium 58
NT2	europium 135	NT2	fluorine 29	NT2	gallium 59
NT2	europium 136	NT2	fluorine 30	NT2	gallium 60
NT2	europium 137	NT2	fluorine 31	NT2	gallium 61
NT2	europium 138	NT1	francium isotopes	NT2	gallium 62
NT2	europium 139	NT2	francium 199	NT2	gallium 63
NT2	europium 140	NT2	francium 200	NT2	gallium 64
NT2	europium 141	NT2	francium 201	NT2	gallium 65
NT2	europium 142	NT2	francium 202	NT2	gallium 66
NT2	europium 143	NT2	francium 203	NT2	gallium 67
NT2	europium 144	NT2	francium 204	NT2	gallium 68
NT2	europium 145	NT2	francium 205	NT2	gallium 69
NT2	europium 146	NT2	francium 206	NT2	gallium 70
NT2	europium 147	NT2	francium 207	NT2	gallium 71
NT2	europium 148	NT2	francium 208	NT2	gallium 72
NT2	europium 149	NT2	francium 209	NT2	gallium 73
NT2	europium 150	NT2	francium 210	NT2	gallium 74
NT2	europium 151	NT2	francium 211	NT2	gallium 75
NT2	europium 152	NT2	francium 212	NT2	gallium 76
NT2	europium 153	NT2	francium 213	NT2	gallium 77
NT2	europium 154	NT2	francium 214	NT2	gallium 78
NT2	europium 155	NT2	francium 215	NT2	gallium 79
NT2	europium 156	NT2	francium 216	NT2	gallium 80
NT2	europium 157	NT2	francium 217	NT2	gallium 81
NT2	europium 158	NT2	francium 218	NT2	gallium 82
NT2	europium 159	NT2	francium 219	NT2	gallium 83
NT2	europium 160	NT2	francium 220	NT2	gallium 84
NT2	europium 161	NT2	francium 221	NT2	gallium 85
NT2	europium 162	NT2	francium 222	NT2	gallium 86
NT2	europium 163	NT2	francium 223	NT1	germanium isotopes
NT2	europium 164	NT2	francium 224	NT2	germanium 58
NT2	europium 165	NT2	francium 225	NT2	germanium 59
NT2	europium 166	NT2	francium 226	NT2	germanium 60
NT2	europium 167	NT2	francium 227	NT2	germanium 61
NT1	fermium isotopes	NT2	francium 228	NT2	germanium 62
NT2	fermium 241	NT2	francium 229	NT2	germanium 63
NT2	fermium 242	NT2	francium 230	NT2	germanium 64
NT2	fermium 243	NT2	francium 231	NT2	germanium 65
NT2	fermium 244	NT2	francium 232	NT2	germanium 66
NT2	fermium 245	NT1	gadolinium isotopes	NT2	germanium 67
NT2	fermium 246	NT2	gadolinium 134	NT2	germanium 68
NT2	fermium 247	NT2	gadolinium 135	NT2	germanium 69
NT2	fermium 248	NT2	gadolinium 136	NT2	germanium 70
NT2	fermium 249	NT2	gadolinium 137	NT2	germanium 71
NT2	fermium 250	NT2	gadolinium 138	NT2	germanium 72
NT2	fermium 251	NT2	gadolinium 139	NT2	germanium 73
NT2	fermium 252	NT2	gadolinium 140	NT2	germanium 74

NT2	germanium 75	NT2	hafnium 178	NT2	hydrogen 4
NT2	germanium 76	NT2	hafnium 179	NT2	hydrogen 5
NT2	germanium 77	NT2	hafnium 180	NT2	hydrogen 6
NT2	germanium 78	NT2	hafnium 181	NT2	hydrogen 7
NT2	germanium 79	NT2	hafnium 182	NT2	tritium
NT2	germanium 80	NT2	hafnium 183	NT1	indium isotopes
NT2	germanium 81	NT2	hafnium 184	NT2	indium 100
NT2	germanium 82	NT2	hafnium 185	NT2	indium 101
NT2	germanium 83	NT2	hafnium 186	NT2	indium 102
NT2	germanium 84	NT2	hafnium 187	NT2	indium 103
NT2	germanium 85	NT2	hafnium 188	NT2	indium 104
NT2	germanium 86	NT1	hassium isotopes	NT2	indium 105
NT2	germanium 87	NT2	hassium 263	NT2	indium 106
NT2	germanium 88	NT2	hassium 264	NT2	indium 107
NT2	germanium 89	NT2	hassium 265	NT2	indium 108
NT1	gold isotopes	NT2	hassium 266	NT2	indium 109
NT2	gold 169	NT2	hassium 267	NT2	indium 110
NT2	gold 170	NT2	hassium 269	NT2	indium 111
NT2	gold 171	NT2	hassium 270	NT2	indium 112
NT2	gold 172	NT2	hassium 271	NT2	indium 113
NT2	gold 173	NT2	hassium 272	NT2	indium 114
NT2	gold 174	NT2	hassium 274	NT2	indium 115
NT2	gold 175	NT2	hassium 275	NT2	indium 116
NT2	gold 176	NT2	hassium 276	NT2	indium 117
NT2	gold 177	NT1	helium isotopes	NT2	indium 118
NT2	gold 178	NT2	helium 10	NT2	indium 119
NT2	gold 179	NT2	helium 2	NT2	indium 120
NT2	gold 180	NT2	helium 3	NT2	indium 121
NT2	gold 181	NT3	helium 3 a	NT2	indium 122
NT2	gold 182	NT3	helium 3 a1	NT2	indium 123
NT2	gold 183	NT3	helium 3 b	NT2	indium 124
NT2	gold 184	NT2	helium 4	NT2	indium 125
NT2	gold 185	NT3	helium i	NT2	indium 126
NT2	gold 186	NT3	helium ii	NT2	indium 127
NT2	gold 187	NT2	helium 5	NT2	indium 128
NT2	gold 188	NT2	helium 6	NT2	indium 129
NT2	gold 189	NT2	helium 7	NT2	indium 130
NT2	gold 190	NT2	helium 8	NT2	indium 131
NT2	gold 191	NT2	helium 9	NT2	indium 132
NT2	gold 192	NT1	holmium isotopes	NT2	indium 133
NT2	gold 193	NT2	holmium 140	NT2	indium 134
NT2	gold 194	NT2	holmium 141	NT2	indium 135
NT2	gold 195	NT2	holmium 142	NT2	indium 97
NT2	gold 196	NT2	holmium 143	NT2	indium 98
NT2	gold 197	NT2	holmium 144	NT2	indium 99
NT2	gold 198	NT2	holmium 145	NT1	iodine isotopes
NT2	gold 199	NT2	holmium 146	NT2	iodine 108
NT2	gold 200	NT2	holmium 147	NT2	iodine 109
NT2	gold 201	NT2	holmium 148	NT2	iodine 110
NT2	gold 202	NT2	holmium 149	NT2	iodine 111
NT2	gold 203	NT2	holmium 150	NT2	iodine 112
NT2	gold 204	NT2	holmium 151	NT2	iodine 113
NT2	gold 205	NT2	holmium 152	NT2	iodine 114
NT1	hafnium isotopes	NT2	holmium 153	NT2	iodine 115
NT2	hafnium 153	NT2	holmium 154	NT2	iodine 116
NT2	hafnium 154	NT2	holmium 155	NT2	iodine 117
NT2	hafnium 155	NT2	holmium 156	NT2	iodine 118
NT2	hafnium 156	NT2	holmium 157	NT2	iodine 119
NT2	hafnium 157	NT2	holmium 158	NT2	iodine 120
NT2	hafnium 158	NT2	holmium 159	NT2	iodine 121
NT2	hafnium 159	NT2	holmium 160	NT2	iodine 122
NT2	hafnium 160	NT2	holmium 161	NT2	iodine 123
NT2	hafnium 161	NT2	holmium 162	NT2	iodine 124
NT2	hafnium 162	NT2	holmium 163	NT2	iodine 125
NT2	hafnium 163	NT2	holmium 164	NT2	iodine 126
NT2	hafnium 164	NT2	holmium 165	NT2	iodine 127
NT2	hafnium 165	NT2	holmium 166	NT2	iodine 128
NT2	hafnium 166	NT2	holmium 167	NT2	iodine 129
NT2	hafnium 167	NT2	holmium 168	NT2	iodine 130
NT2	hafnium 168	NT2	holmium 169	NT2	iodine 131
NT2	hafnium 169	NT2	holmium 170	NT2	iodine 132
NT2	hafnium 170	NT2	holmium 171	NT2	iodine 133
NT2	hafnium 171	NT2	holmium 172	NT2	iodine 134
NT2	hafnium 172	NT2	holmium 173	NT2	iodine 135
NT2	hafnium 173	NT2	holmium 174	NT2	iodine 136
NT2	hafnium 174	NT2	holmium 175	NT2	iodine 137
NT2	hafnium 175	NT1	hydrogen isotopes	NT2	iodine 138
NT2	hafnium 176	NT2	deuterium	NT2	iodine 139
NT2	hafnium 177	NT2	hydrogen 1	NT2	iodine 140

NT2	iodine 141	NT2	krypton 75	NT2	lawrencium 264
NT2	iodine 142	NT2	krypton 76	NT2	lawrencium 265
NT2	iodine 143	NT2	krypton 77	NT2	lawrencium 266
NT2	iodine 144	NT2	krypton 78	NT1	lead isotopes
NT1	iridium isotopes	NT2	krypton 79	NT2	lead 178
NT2	iridium 164	NT2	krypton 80	NT2	lead 179
NT2	iridium 165	NT2	krypton 81	NT2	lead 180
NT2	iridium 166	NT2	krypton 82	NT2	lead 181
NT2	iridium 167	NT2	krypton 83	NT2	lead 182
NT2	iridium 168	NT2	krypton 84	NT2	lead 183
NT2	iridium 169	NT2	krypton 85	NT2	lead 184
NT2	iridium 170	NT2	krypton 86	NT2	lead 185
NT2	iridium 171	NT2	krypton 87	NT2	lead 186
NT2	iridium 172	NT2	krypton 88	NT2	lead 187
NT2	iridium 173	NT2	krypton 89	NT2	lead 188
NT2	iridium 174	NT2	krypton 90	NT2	lead 189
NT2	iridium 175	NT2	krypton 91	NT2	lead 190
NT2	iridium 176	NT2	krypton 92	NT2	lead 191
NT2	iridium 177	NT2	krypton 93	NT2	lead 192
NT2	iridium 178	NT2	krypton 94	NT2	lead 193
NT2	iridium 179	NT2	krypton 95	NT2	lead 194
NT2	iridium 180	NT2	krypton 96	NT2	lead 195
NT2	iridium 181	NT2	krypton 97	NT2	lead 196
NT2	iridium 182	NT2	krypton 98	NT2	lead 197
NT2	iridium 183	NT2	krypton 99	NT2	lead 198
NT2	iridium 184	NT1	lanthanum isotopes	NT2	lead 199
NT2	iridium 185	NT2	lanthanum 117	NT2	lead 200
NT2	iridium 186	NT2	lanthanum 118	NT2	lead 201
NT2	iridium 187	NT2	lanthanum 119	NT2	lead 202
NT2	iridium 188	NT2	lanthanum 120	NT2	lead 203
NT2	iridium 189	NT2	lanthanum 121	NT2	lead 204
NT2	iridium 190	NT2	lanthanum 122	NT2	lead 205
NT2	iridium 191	NT2	lanthanum 123	NT2	lead 206
NT2	iridium 192	NT2	lanthanum 124	NT2	lead 207
NT2	iridium 193	NT2	lanthanum 125	NT2	lead 208
NT2	iridium 194	NT2	lanthanum 126	NT2	lead 209
NT2	iridium 195	NT2	lanthanum 127	NT2	lead 210
NT2	iridium 196	NT2	lanthanum 128	NT2	lead 211
NT2	iridium 197	NT2	lanthanum 129	NT2	lead 212
NT2	iridium 198	NT2	lanthanum 130	NT2	lead 213
NT2	iridium 199	NT2	lanthanum 131	NT2	lead 214
NT2	iridium 202	NT2	lanthanum 132	NT2	lead 215
NT1	iron isotopes	NT2	lanthanum 133	NT2	lead 216
NT2	iron 45	NT2	lanthanum 134	NT1	lithium isotopes
NT2	iron 46	NT2	lanthanum 135	NT2	lithium 10
NT2	iron 47	NT2	lanthanum 136	NT2	lithium 11
NT2	iron 48	NT2	lanthanum 137	NT2	lithium 12
NT2	iron 49	NT2	lanthanum 138	NT2	lithium 13
NT2	iron 50	NT2	lanthanum 139	NT2	lithium 3
NT2	iron 51	NT2	lanthanum 140	NT2	lithium 4
NT2	iron 52	NT2	lanthanum 141	NT2	lithium 5
NT2	iron 53	NT2	lanthanum 142	NT2	lithium 6
NT2	iron 54	NT2	lanthanum 143	NT2	lithium 7
NT2	iron 55	NT2	lanthanum 144	NT2	lithium 8
NT2	iron 56	NT2	lanthanum 145	NT2	lithium 9
NT2	iron 57	NT2	lanthanum 146	NT1	livermorium isotopes
NT2	iron 58	NT2	lanthanum 147	NT2	livermorium 290
NT2	iron 59	NT2	lanthanum 148	NT2	livermorium 291
NT2	iron 60	NT2	lanthanum 149	NT2	livermorium 292
NT2	iron 61	NT2	lanthanum 150	NT2	livermorium 293
NT2	iron 62	NT2	lanthanum 151	NT1	lutetium isotopes
NT2	iron 63	NT2	lanthanum 152	NT2	lutetium 150
NT2	iron 64	NT2	lanthanum 153	NT2	lutetium 151
NT2	iron 65	NT2	lanthanum 154	NT2	lutetium 152
NT2	iron 66	NT2	lanthanum 155	NT2	lutetium 153
NT2	iron 67	NT1	lawrencium isotopes	NT2	lutetium 154
NT2	iron 68	NT2	lawrencium 251	NT2	lutetium 155
NT2	iron 69	NT2	lawrencium 252	NT2	lutetium 156
NT2	iron 70	NT2	lawrencium 253	NT2	lutetium 157
NT2	iron 71	NT2	lawrencium 254	NT2	lutetium 158
NT2	iron 72	NT2	lawrencium 255	NT2	lutetium 159
NT1	krypton isotopes	NT2	lawrencium 256	NT2	lutetium 160
NT2	krypton 100	NT2	lawrencium 257	NT2	lutetium 161
NT2	krypton 69	NT2	lawrencium 258	NT2	lutetium 162
NT2	krypton 70	NT2	lawrencium 259	NT2	lutetium 163
NT2	krypton 71	NT2	lawrencium 260	NT2	lutetium 164
NT2	krypton 72	NT2	lawrencium 261	NT2	lutetium 165
NT2	krypton 73	NT2	lawrencium 262	NT2	lutetium 166
NT2	krypton 74	NT2	lawrencium 263	NT2	lutetium 167

NT2	lutetium 168	NT2	mercury 171	NT1	neodymium isotopes
NT2	lutetium 169	NT2	mercury 172	NT2	neodymium 124
NT2	lutetium 170	NT2	mercury 173	NT2	neodymium 125
NT2	lutetium 171	NT2	mercury 174	NT2	neodymium 126
NT2	lutetium 172	NT2	mercury 175	NT2	neodymium 127
NT2	lutetium 173	NT2	mercury 176	NT2	neodymium 128
NT2	lutetium 174	NT2	mercury 177	NT2	neodymium 129
NT2	lutetium 175	NT2	mercury 178	NT2	neodymium 130
NT2	lutetium 176	NT2	mercury 179	NT2	neodymium 131
NT2	lutetium 177	NT2	mercury 180	NT2	neodymium 132
NT2	lutetium 178	NT2	mercury 181	NT2	neodymium 133
NT2	lutetium 179	NT2	mercury 182	NT2	neodymium 134
NT2	lutetium 180	NT2	mercury 183	NT2	neodymium 135
NT2	lutetium 181	NT2	mercury 184	NT2	neodymium 136
NT2	lutetium 182	NT2	mercury 185	NT2	neodymium 137
NT2	lutetium 183	NT2	mercury 186	NT2	neodymium 138
NT2	lutetium 184	NT2	mercury 187	NT2	neodymium 139
NT2	lutetium 187	NT2	mercury 188	NT2	neodymium 140
NT1	manganese isotopes	NT2	mercury 189	NT2	neodymium 141
NT2	manganese 44	NT2	mercury 190	NT2	neodymium 142
NT2	manganese 45	NT2	mercury 191	NT2	neodymium 143
NT2	manganese 46	NT2	mercury 192	NT2	neodymium 144
NT2	manganese 47	NT2	mercury 193	NT2	neodymium 145
NT2	manganese 48	NT2	mercury 194	NT2	neodymium 146
NT2	manganese 49	NT2	mercury 195	NT2	neodymium 147
NT2	manganese 50	NT2	mercury 196	NT2	neodymium 148
NT2	manganese 51	NT2	mercury 197	NT2	neodymium 149
NT2	manganese 52	NT2	mercury 198	NT2	neodymium 150
NT2	manganese 53	NT2	mercury 199	NT2	neodymium 151
NT2	manganese 54	NT2	mercury 200	NT2	neodymium 152
NT2	manganese 55	NT2	mercury 201	NT2	neodymium 153
NT2	manganese 56	NT2	mercury 202	NT2	neodymium 154
NT2	manganese 57	NT2	mercury 203	NT2	neodymium 155
NT2	manganese 58	NT2	mercury 204	NT2	neodymium 156
NT2	manganese 59	NT2	mercury 205	NT2	neodymium 157
NT2	manganese 60	NT2	mercury 206	NT2	neodymium 158
NT2	manganese 61	NT2	mercury 207	NT2	neodymium 159
NT2	manganese 62	NT2	mercury 208	NT2	neodymium 160
NT2	manganese 63	NT2	mercury 209	NT2	neodymium 161
NT2	manganese 64	NT2	mercury 210	NT1	neon isotopes
NT2	manganese 65	NT2	mercury 211	NT2	neon 16
NT2	manganese 66	NT2	mercury 212	NT2	neon 17
NT2	manganese 67	NT1	molybdenum isotopes	NT2	neon 18
NT2	manganese 68	NT2	molybdenum 100	NT2	neon 19
NT2	manganese 69	NT2	molybdenum 101	NT2	neon 20
NT2	manganese 70	NT2	molybdenum 102	NT2	neon 21
NT1	meitnerium isotopes	NT2	molybdenum 103	NT2	neon 22
NT2	meitnerium 265	NT2	molybdenum 104	NT2	neon 23
NT2	meitnerium 266	NT2	molybdenum 105	NT2	neon 24
NT2	meitnerium 267	NT2	molybdenum 106	NT2	neon 25
NT2	meitnerium 268	NT2	molybdenum 107	NT2	neon 26
NT2	meitnerium 270	NT2	molybdenum 108	NT2	neon 27
NT2	meitnerium 271	NT2	molybdenum 109	NT2	neon 28
NT2	meitnerium 272	NT2	molybdenum 110	NT2	neon 29
NT2	meitnerium 273	NT2	molybdenum 111	NT2	neon 30
NT2	meitnerium 274	NT2	molybdenum 112	NT2	neon 31
NT2	meitnerium 275	NT2	molybdenum 113	NT2	neon 32
NT2	meitnerium 276	NT2	molybdenum 114	NT2	neon 33
NT2	meitnerium 279	NT2	molybdenum 115	NT2	neon 34
NT1	mendelevium isotopes	NT2	molybdenum 83	NT1	neptunium isotopes
NT2	mendelevium 245	NT2	molybdenum 84	NT2	neptunium 225
NT2	mendelevium 246	NT2	molybdenum 85	NT2	neptunium 226
NT2	mendelevium 247	NT2	molybdenum 86	NT2	neptunium 227
NT2	mendelevium 248	NT2	molybdenum 87	NT2	neptunium 228
NT2	mendelevium 249	NT2	molybdenum 88	NT2	neptunium 229
NT2	mendelevium 250	NT2	molybdenum 89	NT2	neptunium 230
NT2	mendelevium 251	NT2	molybdenum 90	NT2	neptunium 231
NT2	mendelevium 252	NT2	molybdenum 91	NT2	neptunium 232
NT2	mendelevium 253	NT2	molybdenum 92	NT2	neptunium 233
NT2	mendelevium 254	NT2	molybdenum 93	NT2	neptunium 234
NT2	mendelevium 255	NT2	molybdenum 94	NT2	neptunium 235
NT2	mendelevium 256	NT2	molybdenum 95	NT2	neptunium 236
NT2	mendelevium 257	NT2	molybdenum 96	NT2	neptunium 237
NT2	mendelevium 258	NT2	molybdenum 97	NT2	neptunium 238
NT2	mendelevium 259	NT2	molybdenum 98	NT2	neptunium 239
NT2	mendelevium 260	NT2	molybdenum 99	NT2	neptunium 240
NT2	mendelevium 261	NT1	moscovium isotopes	NT2	neptunium 241
NT2	mendelevium 262	NT2	moscovium 287	NT2	neptunium 242
NT1	mercury isotopes	NT2	moscovium 288	NT2	neptunium 243

NT2	neptunium 244	NT2	nitrogen 17	NT2	oxygen 23
NT1	nickel isotopes	NT2	nitrogen 18	NT2	oxygen 24
NT2	nickel 48	NT2	nitrogen 19	NT2	oxygen 25
NT2	nickel 49	NT2	nitrogen 20	NT2	oxygen 26
NT2	nickel 50	NT2	nitrogen 21	NT2	oxygen 27
NT2	nickel 51	NT2	nitrogen 22	NT2	oxygen 28
NT2	nickel 52	NT2	nitrogen 23	NT1	palladium isotopes
NT2	nickel 53	NT2	nitrogen 24	NT2	palladium 100
NT2	nickel 54	NT2	nitrogen 25	NT2	palladium 101
NT2	nickel 55	NT1	nobelium isotopes	NT2	palladium 102
NT2	nickel 56	NT2	nobelium 248	NT2	palladium 103
NT2	nickel 57	NT2	nobelium 250	NT2	palladium 104
NT2	nickel 58	NT2	nobelium 251	NT2	palladium 105
NT2	nickel 59	NT2	nobelium 252	NT2	palladium 106
NT2	nickel 60	NT2	nobelium 253	NT2	palladium 107
NT2	nickel 61	NT2	nobelium 254	NT2	palladium 108
NT2	nickel 62	NT2	nobelium 255	NT2	palladium 109
NT2	nickel 63	NT2	nobelium 256	NT2	palladium 110
NT2	nickel 64	NT2	nobelium 257	NT2	palladium 111
NT2	nickel 65	NT2	nobelium 258	NT2	palladium 112
NT2	nickel 66	NT2	nobelium 259	NT2	palladium 113
NT2	nickel 67	NT2	nobelium 260	NT2	palladium 114
NT2	nickel 68	NT2	nobelium 261	NT2	palladium 115
NT2	nickel 69	NT2	nobelium 262	NT2	palladium 116
NT2	nickel 70	NT2	nobelium 263	NT2	palladium 117
NT2	nickel 71	NT2	nobelium 264	NT2	palladium 118
NT2	nickel 72	NT1	oganesson isotopes	NT2	palladium 119
NT2	nickel 73	NT1	osmium isotopes	NT2	palladium 120
NT2	nickel 75	NT2	osmium 161	NT2	palladium 121
NT2	nickel 76	NT2	osmium 162	NT2	palladium 122
NT2	nickel 77	NT2	osmium 163	NT2	palladium 123
NT2	nickel 78	NT2	osmium 164	NT2	palladium 124
NT2	nickel 80	NT2	osmium 165	NT2	palladium 91
NT1	nihonium isotopes	NT2	osmium 166	NT2	palladium 92
NT2	nihonium 278	NT2	osmium 167	NT2	palladium 93
NT2	nihonium 283	NT2	osmium 168	NT2	palladium 94
NT2	nihonium 284	NT2	osmium 169	NT2	palladium 95
NT1	niobium isotopes	NT2	osmium 170	NT2	palladium 96
NT2	niobium 100	NT2	osmium 171	NT2	palladium 97
NT2	niobium 101	NT2	osmium 172	NT2	palladium 98
NT2	niobium 102	NT2	osmium 173	NT2	palladium 99
NT2	niobium 103	NT2	osmium 174	NT1	phosphorus isotopes
NT2	niobium 104	NT2	osmium 175	NT2	phosphorus 21
NT2	niobium 105	NT2	osmium 176	NT2	phosphorus 24
NT2	niobium 106	NT2	osmium 177	NT2	phosphorus 25
NT2	niobium 107	NT2	osmium 178	NT2	phosphorus 26
NT2	niobium 108	NT2	osmium 179	NT2	phosphorus 27
NT2	niobium 109	NT2	osmium 180	NT2	phosphorus 28
NT2	niobium 110	NT2	osmium 181	NT2	phosphorus 29
NT2	niobium 111	NT2	osmium 182	NT2	phosphorus 30
NT2	niobium 112	NT2	osmium 183	NT2	phosphorus 31
NT2	niobium 113	NT2	osmium 184	NT2	phosphorus 32
NT2	niobium 81	NT2	osmium 185	NT2	phosphorus 33
NT2	niobium 82	NT2	osmium 186	NT2	phosphorus 34
NT2	niobium 83	NT2	osmium 187	NT2	phosphorus 35
NT2	niobium 84	NT2	osmium 188	NT2	phosphorus 36
NT2	niobium 85	NT2	osmium 189	NT2	phosphorus 37
NT2	niobium 86	NT2	osmium 190	NT2	phosphorus 38
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NT2	niobium 88	NT2	osmium 192	NT2	phosphorus 40
NT2	niobium 89	NT2	osmium 193	NT2	phosphorus 41
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NT2	niobium 91	NT2	osmium 195	NT2	phosphorus 43
NT2	niobium 92	NT2	osmium 196	NT2	phosphorus 44
NT2	niobium 93	NT2	osmium 197	NT2	phosphorus 45
NT2	niobium 94	NT2	osmium 199	NT2	phosphorus 46
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NT2	nitrogen 14	NT2	oxygen 20	NT2	platinum 175
NT2	nitrogen 15	NT2	oxygen 21	NT2	platinum 176
NT2	nitrogen 16	NT2	oxygen 22	NT2	platinum 177

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NT2	platinum 180	NT2	polonium 212	NT2	promethium 129
NT2	platinum 181	NT2	polonium 213	NT2	promethium 130
NT2	platinum 182	NT2	polonium 214	NT2	promethium 131
NT2	platinum 183	NT2	polonium 215	NT2	promethium 132
NT2	platinum 184	NT2	polonium 216	NT2	promethium 133
NT2	platinum 185	NT2	polonium 217	NT2	promethium 134
NT2	platinum 186	NT2	polonium 218	NT2	promethium 135
NT2	platinum 187	NT2	polonium 219	NT2	promethium 136
NT2	platinum 188	NT2	polonium 220	NT2	promethium 137
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NT2	platinum 193	NT2	potassium 35	NT2	promethium 142
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NT2	platinum 195	NT2	potassium 37	NT2	promethium 144
NT2	platinum 196	NT2	potassium 38	NT2	promethium 145
NT2	platinum 197	NT2	potassium 39	NT2	promethium 146
NT2	platinum 198	NT2	potassium 40	NT2	promethium 147
NT2	platinum 199	NT2	potassium 41	NT2	promethium 148
NT2	platinum 200	NT2	potassium 42	NT2	promethium 149
NT2	platinum 201	NT2	potassium 43	NT2	promethium 150
NT2	platinum 202	NT2	potassium 44	NT2	promethium 151
NT2	platinum 203	NT2	potassium 45	NT2	promethium 152
NT2	platinum 204	NT2	potassium 46	NT2	promethium 153
NT2	platinum 205	NT2	potassium 47	NT2	promethium 154
NT2	platinum 206	NT2	potassium 48	NT2	promethium 155
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NT2	platinum 208	NT2	potassium 50	NT2	promethium 157
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NT2	plutonium 245	NT2	praseodymium 132	NT2	protactinium 223
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NT3	americium 237	NT3	californium 242	NT3	fermium 253
NT3	americium 238	NT3	californium 243	NT3	fermium 254
NT3	americium 239	NT3	californium 244	NT3	fermium 255
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NT3	astatine 207	NT3	curium 241	NT3	francium 211
NT3	astatine 208	NT3	curium 242	NT3	francium 212
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NT4	arsenic 88	NT4	cadmium 123	NT4	chromium 63
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NT4	arsenic 90	NT4	cadmium 125	NT4	chromium 65
NT4	arsenic 91	NT4	cadmium 126	NT4	chromium 66
NT4	arsenic 92	NT4	cadmium 127	NT4	chromium 67
NT4	astatine 217	NT4	cadmium 128	NT4	chromium 68
NT4	astatine 218	NT4	cadmium 129	NT4	cobalt 60
NT4	astatine 219	NT4	cadmium 130	NT4	cobalt 61
NT4	astatine 220	NT4	cadmium 131	NT4	cobalt 62
NT4	astatine 221	NT4	cadmium 132	NT4	cobalt 63
NT4	astatine 222	NT4	calcium 45	NT4	cobalt 64
NT4	astatine 223	NT4	calcium 47	NT4	cobalt 65
NT4	barium 139	NT4	calcium 49	NT4	cobalt 66
NT4	barium 140	NT4	calcium 50	NT4	cobalt 67
NT4	barium 141	NT4	calcium 51	NT4	cobalt 71
NT4	barium 142	NT4	calcium 52	NT4	cobalt 72
NT4	barium 143	NT4	calcium 53	NT4	cobalt 73
NT4	barium 144	NT4	calcium 54	NT4	cobalt 74
NT4	barium 145	NT4	calcium 55	NT4	cobalt 75
NT4	barium 146	NT4	calcium 56	NT4	copper 64
NT4	barium 147	NT4	calcium 57	NT4	copper 66
NT4	barium 148	NT4	calcium 58	NT4	copper 67
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NT4	barium 150	NT4	californium 253	NT4	copper 69
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NT4	barium 152	NT4	carbon 14	NT4	copper 71
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NT4	berkelium 252	NT4	cerium 143	NT4	copper 77
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NT4	berkelium 254	NT4	cerium 145	NT4	copper 79
NT4	beryllium 10	NT4	cerium 146	NT4	copper 80
NT4	beryllium 11	NT4	cerium 147	NT4	curium 249
NT4	beryllium 12	NT4	cerium 148	NT4	curium 250
NT4	beryllium 14	NT4	cerium 149	NT4	curium 251
NT4	bismuth 210	NT4	cerium 150	NT4	dysprosium 165
NT4	bismuth 211	NT4	cerium 151	NT4	dysprosium 166
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NT4	bismuth 214	NT4	cerium 154	NT4	dysprosium 169
NT4	bismuth 215	NT4	cerium 155	NT4	dysprosium 170
NT4	bismuth 216	NT4	cerium 156	NT4	dysprosium 171
NT4	bismuth 217	NT4	cerium 157	NT4	dysprosium 172
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NT4	bromine 82	NT4	cesium 141	NT4	erbium 174
NT4	bromine 83	NT4	cesium 142	NT4	erbium 175
NT4	bromine 84	NT4	cesium 143	NT4	erbium 176
NT4	bromine 85	NT4	cesium 144	NT4	erbium 177
NT4	bromine 86	NT4	cesium 145	NT4	europium 150
NT4	bromine 87	NT4	cesium 146	NT4	europium 152
NT4	bromine 88	NT4	cesium 147	NT4	europium 154
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NT4	europium 163	NT4	helium 8	NT4	krypton 93
NT4	europium 164	NT4	holmium 164	NT4	krypton 94
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NT4	europium 167	NT4	holmium 168	NT4	krypton 99
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NT4	fluorine 22	NT4	holmium 171	NT4	lanthanum 141
NT4	fluorine 23	NT4	holmium 172	NT4	lanthanum 142
NT4	fluorine 24	NT4	holmium 173	NT4	lanthanum 143
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NT4	francium 225	NT4	indium 118	NT4	lanthanum 151
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NT4	francium 227	NT4	indium 120	NT4	lanthanum 153
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NT4	francium 229	NT4	indium 122	NT4	lanthanum 155
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NT4	gallium 78	NT4	iodine 131	NT4	lutetium 183
NT4	gallium 79	NT4	iodine 132	NT4	lutetium 184
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NT4	gallium 81	NT4	iodine 134	NT4	magnesium 27
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NT4	gallium 84	NT4	iodine 137	NT4	magnesium 30
NT4	gallium 85	NT4	iodine 138	NT4	magnesium 31
NT4	gallium 86	NT4	iodine 139	NT4	magnesium 32
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NT3	einsteinium 250	NT3	lead 209	NT3	silver 104
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NT3	erbium 158	NT3	lutetium 176	NT3	silver 113
NT3	erbium 161	NT3	lutetium 179	NT3	sodium 24
NT3	erbium 163	NT3	magnesium 28	NT3	strontium 80
NT3	erbium 165	NT3	manganese 56	NT3	strontium 85
NT3	erbium 171	NT3	mendelevium 256	NT3	strontium 87
NT3	europium 150	NT3	mendelevium 257	NT3	strontium 91
NT3	europium 152	NT3	mendelevium 259	NT3	strontium 92
NT3	europium 157	NT3	mercury 192	NT3	sulfur 38
NT3	fermium 251	NT3	mercury 193	NT3	tantalum 173
NT3	fermium 254	NT3	mercury 195	NT3	tantalum 174
NT3	fermium 255	NT3	mercury 197	NT3	tantalum 175
NT3	fermium 256	NT3	molybdenum 90	NT3	tantalum 176
NT3	fluorine 18	NT3	molybdenum 93	NT3	tantalum 178
NT3	gadolinium 159	NT3	neodymium 138	NT3	tantalum 180
NT3	gallium 66	NT3	neodymium 139	NT3	tantalum 184
NT3	gallium 68	NT3	neodymium 141	NT3	technetium 93
NT3	gallium 72	NT3	neodymium 149	NT3	technetium 94
NT3	gallium 73	NT3	neptunium 236	NT3	technetium 95
NT3	germanium 66	NT3	neptunium 240	NT3	technetium 99
NT3	germanium 75	NT3	nickel 65	NT3	tellurium 116
NT3	germanium 77	NT3	niobium 89	NT3	tellurium 117
NT3	germanium 78	NT3	niobium 90	NT3	tellurium 119
NT3	gold 191	NT3	niobium 96	NT3	tellurium 127
NT3	gold 192	NT3	niobium 97	NT3	tellurium 129
NT3	gold 193	NT3	osmium 181	NT3	terbium 147
NT3	gold 196	NT3	osmium 182	NT3	terbium 148
NT3	gold 200	NT3	osmium 183	NT3	terbium 149
NT3	hafnium 170	NT3	osmium 189	NT3	terbium 150
NT3	hafnium 171	NT3	osmium 191	NT3	terbium 151
NT3	hafnium 173	NT3	palladium 101	NT3	terbium 152
NT3	hafnium 180	NT3	palladium 109	NT3	terbium 154
NT3	hafnium 182	NT3	palladium 111	NT3	terbium 156
NT3	hafnium 183	NT3	palladium 112	NT3	thallium 195

NT3	thallium 196	NT3	iodine 125	NT3	technetium 99
NT3	thallium 197	NT3	iodine 129	NT3	tellurium 121
NT3	thallium 198	NT3	iodine 130	NT3	tellurium 123
NT3	thallium 199	NT3	iodine 132	NT3	tellurium 125
NT3	thulium 163	NT3	iodine 133	NT3	terbium 151
NT3	thulium 166	NT3	iridium 190	NT3	terbium 157
NT3	thulium 173	NT3	iridium 191	NT3	terbium 158
NT3	tin 110	NT3	iridium 192	NT3	thallium 198
NT3	tin 127	NT3	iridium 193	NT3	thorium 234
NT3	titanium 45	NT3	krypton 79	NT3	thulium 159
NT3	tungsten 176	NT3	krypton 83	NT3	thulium 161
NT3	tungsten 177	NT3	lead 199	NT3	tin 113
NT3	uranium 240	NT3	lead 202	NT3	tin 119
NT3	xenon 122	NT3	lutetium 169	NT3	tin 121
NT3	xenon 123	NT3	lutetium 170	NT3	tungsten 176
NT3	xenon 125	NT3	lutetium 171	NT3	tungsten 181
NT3	xenon 135	NT3	lutetium 172	NT3	tungsten 185
NT3	ytterbium 164	NT3	lutetium 176	NT3	uranium 230
NT3	ytterbium 177	NT3	mercury 193	NT3	uranium 235
NT3	ytterbium 178	NT3	mercury 195	NT3	uranium 240
NT3	yttrium 85	NT3	mercury 197	NT3	xenon 125
NT3	yttrium 86	NT3	mercury 199	NT3	xenon 129
NT3	yttrium 87	NT3	molybdenum 93	NT3	xenon 131
NT3	yttrium 90	NT3	neodymium 147	NT3	xenon 133
NT3	yttrium 92	NT3	neptunium 236	NT3	ytterbium 164
NT3	yttrium 93	NT3	niobium 91	NT3	ytterbium 165
NT3	zinc 62	NT3	niobium 93	NT3	ytterbium 166
NT3	zinc 69	NT3	niobium 94	NT3	ytterbium 177
NT3	zinc 71	NT3	osmium 180	NT3	yttrium 86
NT3	zirconium 86	NT3	osmium 189	NT2	isomeric transition isotopes
NT3	zirconium 87	NT3	osmium 190	NT3	actinium 222
NT3	zirconium 97	NT3	osmium 191	NT3	aluminium 24
NT2	internal conversion radioisotopes	NT3	osmium 194	NT3	americium 242
NT3	actinium 227	NT3	palladium 112	NT3	antimony 113
NT3	antimony 119	NT3	platinum 193	NT3	antimony 117
NT3	antimony 122	NT3	platinum 195	NT3	antimony 122
NT3	antimony 124	NT3	platinum 197	NT3	antimony 124
NT3	antimony 126	NT3	platinum 199	NT3	antimony 126
NT3	astatine 212	NT3	plutonium 235	NT3	antimony 131
NT3	barium 131	NT3	plutonium 237	NT3	arsenic 75
NT3	barium 133	NT3	polonium 199	NT3	astatine 202
NT3	barium 135	NT3	polonium 201	NT3	barium 127
NT3	berkelium 243	NT3	polonium 202	NT3	barium 131
NT3	bromine 77	NT3	polonium 203	NT3	barium 133
NT3	bromine 80	NT3	polonium 205	NT3	barium 135
NT3	bromine 82	NT3	polonium 206	NT3	barium 136
NT3	cadmium 111	NT3	polonium 207	NT3	barium 137
NT3	cadmium 113	NT3	praseodymium 142	NT3	barium 138
NT3	californium 247	NT3	promethium 145	NT3	bismuth 184
NT3	californium 250	NT3	radium 213	NT3	bismuth 187
NT3	cerium 133	NT3	radium 225	NT3	bismuth 198
NT3	cerium 137	NT3	radium 228	NT3	bismuth 201
NT3	cesium 123	NT3	radium 230	NT3	bismuth 208
NT3	cesium 134	NT3	radon 210	NT3	bismuth 211
NT3	cesium 138	NT3	radon 211	NT3	bohrium 266
NT3	cobalt 58	NT3	rhenium 183	NT3	bohrium 267
NT3	cobalt 60	NT3	rhenium 184	NT3	bohrium 272
NT3	dysprosium 159	NT3	rhenium 188	NT3	bromine 76
NT3	einsteinium 254	NT3	rhenium 189	NT3	bromine 77
NT3	erbium 156	NT3	rhodium 100	NT3	bromine 79
NT3	erbium 169	NT3	rhodium 101	NT3	bromine 80
NT3	germanium 73	NT3	rhodium 103	NT3	bromine 82
NT3	germanium 75	NT3	rhodium 105	NT3	bromine 83
NT3	gold 191	NT3	rhodium 96	NT3	cadmium 100
NT3	gold 193	NT3	rubidium 81	NT3	cadmium 111
NT3	gold 195	NT3	samarium 145	NT3	cadmium 113
NT3	gold 196	NT3	samarium 151	NT3	cerium 135
NT3	gold 197	NT3	scandium 46	NT3	cerium 137
NT3	hafnium 178	NT3	selenium 79	NT3	cerium 138
NT3	hafnium 179	NT3	selenium 81	NT3	cerium 139
NT3	hafnium 180	NT3	silver 103	NT3	cesium 121
NT3	holmium 158	NT3	silver 105	NT3	cesium 123
NT3	holmium 160	NT3	silver 107	NT3	cesium 134
NT3	holmium 164	NT3	silver 109	NT3	cesium 135
NT3	indium 112	NT3	silver 111	NT3	cesium 136
NT3	indium 114	NT3	silver 99	NT3	cesium 138
NT3	indium 115	NT3	tantalum 182	NT3	chlorine 34
NT3	indium 116	NT3	technetium 96	NT3	chlorine 38
NT3	indium 121	NT3	technetium 97	NT3	cobalt 58

NT3	cobalt 60	NT3	iron 53	NT3	rhenium 160
NT3	copper 68	NT3	krypton 79	NT3	rhenium 167
NT3	darmstadtium 271	NT3	krypton 81	NT3	rhenium 169
NT3	dubnium 267	NT3	krypton 83	NT3	rhenium 184
NT3	dysprosium 140	NT3	krypton 84	NT3	rhenium 186
NT3	dysprosium 147	NT3	krypton 85	NT3	rhenium 188
NT3	dysprosium 149	NT3	krypton 86	NT3	rhenium 190
NT3	dysprosium 165	NT3	lanthanum 132	NT3	rhenium 194
NT3	erbium 151	NT3	lead 194	NT3	rhenium 196
NT3	erbium 167	NT3	lead 197	NT3	rhodium 100
NT3	europium 141	NT3	lead 199	NT3	rhodium 101
NT3	europium 152	NT3	lead 200	NT3	rhodium 103
NT3	europium 154	NT3	lead 201	NT3	rhodium 104
NT3	fermium 250	NT3	lead 202	NT3	rhodium 105
NT3	fermium 256	NT3	lead 203	NT3	rhodium 95
NT3	fluorine 18	NT3	lead 204	NT3	rhodium 96
NT3	francium 206	NT3	lead 205	NT3	rhodium 97
NT3	francium 211	NT3	lead 207	NT3	rubidium 76
NT3	francium 212	NT3	lutetium 153	NT3	rubidium 78
NT3	francium 213	NT3	lutetium 154	NT3	rubidium 81
NT3	francium 218	NT3	lutetium 161	NT3	rubidium 84
NT3	gadolinium 141	NT3	lutetium 169	NT3	rubidium 85
NT3	gadolinium 145	NT3	lutetium 170	NT3	rubidium 86
NT3	gadolinium 147	NT3	lutetium 171	NT3	rubidium 90
NT3	gadolinium 148	NT3	lutetium 172	NT3	ruthenium 93
NT3	gallium 72	NT3	lutetium 174	NT3	samarium 139
NT3	gallium 74	NT3	lutetium 177	NT3	samarium 141
NT3	germanium 71	NT3	manganese 60	NT3	samarium 143
NT3	germanium 73	NT3	mercury 193	NT3	scandium 44
NT3	germanium 75	NT3	mercury 195	NT3	scandium 46
NT3	germanium 77	NT3	mercury 197	NT3	scandium 50
NT3	gold 191	NT3	mercury 199	NT3	selenium 73
NT3	gold 193	NT3	mercury 201	NT3	selenium 77
NT3	gold 195	NT3	molybdenum 89	NT3	selenium 79
NT3	gold 196	NT3	molybdenum 91	NT3	selenium 81
NT3	gold 197	NT3	molybdenum 92	NT3	silver 101
NT3	gold 198	NT3	molybdenum 93	NT3	silver 102
NT3	gold 200	NT3	molybdenum 94	NT3	silver 103
NT3	hafnium 156	NT3	neodymium 137	NT3	silver 105
NT3	hafnium 177	NT3	neodymium 139	NT3	silver 107
NT3	hafnium 178	NT3	neodymium 141	NT3	silver 108
NT3	hafnium 179	NT3	neptunium 237	NT3	silver 109
NT3	hafnium 180	NT3	niobium 86	NT3	silver 110
NT3	hafnium 182	NT3	niobium 90	NT3	silver 111
NT3	holmium 148	NT3	niobium 91	NT3	silver 113
NT3	holmium 156	NT3	niobium 93	NT3	silver 116
NT3	holmium 158	NT3	niobium 94	NT3	silver 118
NT3	holmium 159	NT3	niobium 95	NT3	silver 120
NT3	holmium 160	NT3	niobium 97	NT3	silver 99
NT3	holmium 161	NT3	nobelium 254	NT3	sodium 22
NT3	holmium 162	NT3	osmium 182	NT3	sodium 24
NT3	holmium 163	NT3	osmium 183	NT3	strontium 83
NT3	holmium 164	NT3	osmium 189	NT3	strontium 85
NT3	holmium 168	NT3	osmium 190	NT3	strontium 87
NT3	indium 104	NT3	osmium 191	NT3	tantalum 182
NT3	indium 107	NT3	osmium 192	NT3	technetium 102
NT3	indium 109	NT3	palladium 107	NT3	technetium 86
NT3	indium 111	NT3	palladium 109	NT3	technetium 93
NT3	indium 112	NT3	palladium 111	NT3	technetium 95
NT3	indium 113	NT3	palladium 117	NT3	technetium 96
NT3	indium 114	NT3	platinum 184	NT3	technetium 97
NT3	indium 115	NT3	platinum 193	NT3	technetium 99
NT3	indium 116	NT3	platinum 195	NT3	tellurium 121
NT3	indium 117	NT3	platinum 197	NT3	tellurium 123
NT3	indium 118	NT3	platinum 199	NT3	tellurium 125
NT3	indium 119	NT3	plutonium 237	NT3	tellurium 127
NT3	indium 121	NT3	polonium 201	NT3	tellurium 129
NT3	iodine 116	NT3	polonium 203	NT3	tellurium 131
NT3	iodine 121	NT3	polonium 207	NT3	tellurium 133
NT3	iodine 122	NT3	polonium 210	NT3	terbium 142
NT3	iodine 130	NT3	potassium 40	NT3	terbium 144
NT3	iodine 132	NT3	praseodymium 142	NT3	terbium 146
NT3	iodine 133	NT3	praseodymium 144	NT3	terbium 151
NT3	iodine 134	NT3	promethium 148	NT3	terbium 152
NT3	iridium 190	NT3	protactinium 234	NT3	terbium 154
NT3	iridium 191	NT3	radium 213	NT3	terbium 156
NT3	iridium 192	NT3	radon 197	NT3	terbium 158
NT3	iridium 193	NT3	radon 210	NT3	thallium 179
NT3	iridium 194	NT3	radon 211	NT3	thallium 185

NT3	thallium 186	NT3	hafnium 156	NT3	antimony 136
NT3	thallium 187	NT3	hassium 264	NT3	argon 31
NT3	thallium 193	NT3	hassium 265	NT3	argon 32
NT3	thallium 195	NT3	iodine 109	NT3	argon 33
NT3	thallium 196	NT3	iodine 116	NT3	argon 34
NT3	thallium 197	NT3	iodine 121	NT3	argon 48
NT3	thallium 198	NT3	iodine 122	NT3	argon 52
NT3	thallium 201	NT3	iridium 164	NT3	argon 53
NT3	thallium 206	NT3	iridium 165	NT3	arsenic 64
NT3	thallium 207	NT3	krypton 84	NT3	arsenic 66
NT3	thulium 150	NT3	krypton 85	NT3	arsenic 75
NT3	thulium 162	NT3	lead 178	NT3	arsenic 84
NT3	thulium 164	NT3	lutetium 154	NT3	arsenic 86
NT3	tin 102	NT3	meitnerium 266	NT3	arsenic 87
NT3	tin 113	NT3	mendelevium 245	NT3	astatine 191
NT3	tin 117	NT3	mercury 171	NT3	astatine 192
NT3	tin 119	NT3	mercury 172	NT3	astatine 193
NT3	tin 121	NT3	mercury 173	NT3	astatine 194
NT3	tin 129	NT3	mercury 201	NT3	astatine 195
NT3	tin 131	NT3	neon 34	NT3	astatine 196
NT3	tungsten 179	NT3	nihonium 278	NT3	astatine 197
NT3	tungsten 180	NT3	nobelium 250	NT3	astatine 212
NT3	tungsten 183	NT3	osmium 161	NT3	astatine 217
NT3	tungsten 185	NT3	platinum 166	NT3	barium 114
NT3	uranium 235	NT3	platinum 167	NT3	barium 115
NT3	xenon 125	NT3	polonium 186	NT3	barium 116
NT3	xenon 127	NT3	polonium 188	NT3	barium 136
NT3	xenon 129	NT3	polonium 213	NT3	barium 147
NT3	xenon 131	NT3	polonium 214	NT3	barium 148
NT3	xenon 133	NT3	protactinium 218	NT3	barium 149
NT3	xenon 135	NT3	protactinium 221	NT3	barium 150
NT3	ytterbium 153	NT3	radium 217	NT3	beryllium 12
NT3	ytterbium 169	NT3	radium 218	NT3	beryllium 14
NT3	ytterbium 175	NT3	radon 194	NT3	bismuth 184
NT3	ytterbium 176	NT3	radon 215	NT3	bismuth 186
NT3	ytterbium 177	NT3	radon 216	NT3	bismuth 187
NT3	yttrium 86	NT3	radon 217	NT3	bohrium 261
NT3	yttrium 87	NT3	rhenium 159	NT3	bohrium 262
NT3	yttrium 88	NT3	rhenium 160	NT3	bohrium 264
NT3	yttrium 89	NT3	rhenium 194	NT3	bohrium 265
NT3	yttrium 90	NT3	rhodium 89	NT3	boron 12
NT3	yttrium 91	NT3	rubidium 76	NT3	boron 13
NT3	yttrium 93	NT3	ruthenium 87	NT3	boron 14
NT3	yttrium 97	NT3	rutherfordium 253	NT3	boron 15
NT3	zinc 69	NT3	rutherfordium 254	NT3	boron 17
NT3	zirconium 85	NT3	technetium 86	NT3	boron 8
NT3	zirconium 87	NT3	tellurium 106	NT3	bromine 70
NT3	zirconium 89	NT3	terbium 135	NT3	bromine 91
NT3	zirconium 90	NT3	thorium 217	NT3	bromine 92
NT2	microseconds living radioisotopes	NT3	thorium 219	NT3	bromine 93
NT3	actinium 216	NT3	thorium 220	NT3	bromine 94
NT3	actinium 218	NT3	thulium 144	NT3	cadmium 125
NT3	actinium 219	NT3	thulium 145	NT3	cadmium 126
NT3	astatine 215	NT3	tin 102	NT3	cadmium 127
NT3	astatine 216	NT3	uranium 219	NT3	cadmium 128
NT3	bismuth 185	NT3	uranium 222	NT3	cadmium 129
NT3	bismuth 187	NT3	uranium 223	NT3	cadmium 130
NT3	bohrium 260	NT3	uranium 224	NT3	cadmium 131
NT3	bohrium 263	NT3	ytterbium 153	NT3	cadmium 132
NT3	cesium 112	NT2	milliseconds living radioisotopes	NT3	cadmium 95
NT3	cesium 113	NT3	actinium 206	NT3	cadmium 96
NT3	chromium 64	NT3	actinium 207	NT3	calcium 36
NT3	copernicium 277	NT3	actinium 208	NT3	calcium 37
NT3	copernicium 278	NT3	actinium 209	NT3	calcium 38
NT3	copernicium 282	NT3	actinium 210	NT3	calcium 39
NT3	darmstadtium 267	NT3	actinium 211	NT3	calcium 53
NT3	darmstadtium 269	NT3	actinium 212	NT3	carbon 16
NT3	darmstadtium 273	NT3	actinium 213	NT3	carbon 17
NT3	dysprosium 140	NT3	actinium 215	NT3	carbon 18
NT3	europium 130	NT3	actinium 220	NT3	carbon 9
NT3	fermium 241	NT3	actinium 221	NT3	cerium 119
NT3	fermium 242	NT3	aluminium 22	NT3	cerium 120
NT3	fermium 258	NT3	aluminium 23	NT3	cerium 156
NT3	flerovium 285	NT3	aluminium 24	NT3	cerium 157
NT3	francium 212	NT3	aluminium 31	NT3	cesium 114
NT3	francium 213	NT3	aluminium 32	NT3	cesium 116
NT3	francium 217	NT3	aluminium 34	NT3	cesium 145
NT3	gold 170	NT3	antimony 104	NT3	cesium 146
NT3	gold 171	NT3	antimony 134	NT3	cesium 147

NT3	cesium 148	NT3	germanium 85	NT3	magnesium 30
NT3	cesium 149	NT3	germanium 87	NT3	magnesium 31
NT3	cesium 150	NT3	gold 172	NT3	manganese 48
NT3	cesium 151	NT3	gold 173	NT3	manganese 49
NT3	chlorine 31	NT3	gold 174	NT3	manganese 50
NT3	chlorine 32	NT3	gold 175	NT3	manganese 61
NT3	chlorine 50	NT3	gold 191	NT3	manganese 62
NT3	chromium 45	NT3	hafnium 155	NT3	manganese 63
NT3	chromium 46	NT3	hafnium 156	NT3	manganese 66
NT3	chromium 47	NT3	hafnium 157	NT3	manganese 67
NT3	chromium 60	NT3	hassium 265	NT3	manganese 68
NT3	chromium 62	NT3	hassium 266	NT3	manganese 69
NT3	chromium 63	NT3	hassium 267	NT3	meitnerium 266
NT3	chromium 64	NT3	hassium 275	NT3	meitnerium 267
NT3	chromium 65	NT3	helium 6	NT3	meitnerium 268
NT3	chromium 66	NT3	helium 8	NT3	meitnerium 270
NT3	chromium 67	NT3	holmium 140	NT3	meitnerium 275
NT3	cobalt 52	NT3	holmium 141	NT3	meitnerium 276
NT3	cobalt 53	NT3	holmium 142	NT3	mendelevium 245
NT3	cobalt 54	NT3	holmium 143	NT3	mendelevium 246
NT3	cobalt 64	NT3	holmium 144	NT3	mercury 174
NT3	cobalt 66	NT3	holmium 148	NT3	mercury 175
NT3	cobalt 67	NT3	indium 114	NT3	mercury 176
NT3	cobalt 71	NT3	indium 128	NT3	mercury 177
NT3	cobalt 72	NT3	indium 129	NT3	mercury 178
NT3	cobalt 73	NT3	indium 130	NT3	molybdenum 109
NT3	copernicium 284	NT3	indium 131	NT3	molybdenum 111
NT3	copper 55	NT3	indium 132	NT3	molybdenum 83
NT3	copper 56	NT3	indium 133	NT3	molybdenum 89
NT3	copper 57	NT3	indium 134	NT3	moscovium 287
NT3	copper 76	NT3	indium 135	NT3	moscovium 288
NT3	copper 77	NT3	indium 97	NT3	neodymium 124
NT3	copper 78	NT3	indium 98	NT3	neodymium 125
NT3	copper 79	NT3	iodine 108	NT3	neodymium 159
NT3	copper 80	NT3	iodine 110	NT3	neodymium 160
NT3	darmstadtium 270	NT3	iodine 140	NT3	neodymium 161
NT3	darmstadtium 271	NT3	iodine 141	NT3	neon 17
NT3	darmstadtium 273	NT3	iodine 142	NT3	neon 25
NT3	darmstadtium 279	NT3	iridium 166	NT3	neon 26
NT3	dysprosium 138	NT3	iridium 167	NT3	neon 31
NT3	dysprosium 139	NT3	iridium 169	NT3	neptunium 226
NT3	dysprosium 149	NT3	iridium 194	NT3	neptunium 227
NT3	erbium 151	NT3	iron 45	NT3	nickel 49
NT3	europium 131	NT3	iron 46	NT3	nickel 50
NT3	europium 132	NT3	iron 49	NT3	nickel 52
NT3	europium 133	NT3	iron 51	NT3	nickel 53
NT3	europium 134	NT3	iron 69	NT3	nickel 55
NT3	europium 165	NT3	iron 70	NT3	nickel 73
NT3	europium 166	NT3	krypton 71	NT3	nickel 75
NT3	europium 167	NT3	krypton 94	NT3	nickel 76
NT3	fermium 243	NT3	krypton 95	NT3	nickel 80
NT3	fermium 244	NT3	krypton 99	NT3	nihonium 283
NT3	flerovium 286	NT3	lanthanum 117	NT3	nihonium 284
NT3	flerovium 287	NT3	lanthanum 150	NT3	niobium 107
NT3	flerovium 288	NT3	lawrencium 257	NT3	niobium 108
NT3	fluorine 24	NT3	lead 179	NT3	niobium 109
NT3	francium 199	NT3	lead 180	NT3	niobium 110
NT3	francium 200	NT3	lead 181	NT3	niobium 111
NT3	francium 201	NT3	lead 182	NT3	niobium 113
NT3	francium 202	NT3	lead 184	NT3	niobium 81
NT3	francium 203	NT3	lead 205	NT3	niobium 82
NT3	francium 206	NT3	lead 207	NT3	nitrogen 12
NT3	francium 214	NT3	lithium 10	NT3	nitrogen 18
NT3	francium 218	NT3	lithium 11	NT3	nitrogen 19
NT3	francium 219	NT3	lithium 8	NT3	nobelium 251
NT3	gadolinium 134	NT3	lithium 9	NT3	nobelium 254
NT3	gadolinium 168	NT3	livermorium 290	NT3	nobelium 258
NT3	gallium 60	NT3	livermorium 291	NT3	osmium 162
NT3	gallium 62	NT3	lutetium 150	NT3	osmium 164
NT3	gallium 72	NT3	lutetium 151	NT3	osmium 165
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NT3	radium 216	NT3	thulium 146	NT3	cadmium 121
NT3	radon 210	NT3	thulium 147	NT3	cadmium 122
NT3	radon 211	NT3	vanadium 40	NT3	cadmium 123
NT3	radon 214	NT3	vanadium 41	NT3	cadmium 124
NT3	rhodium 90	NT3	zinc 54	NT3	cadmium 97
NT3	rhodium 91	NT3	zinc 55	NT3	cadmium 98
NT3	rubidium 85	NT3	zinc 56	NT3	cadmium 99
NT3	scandium 38	NT2	seconds living radioisotopes	NT3	calcium 50
NT3	selenium 64	NT3	actinium 214	NT3	calcium 51
NT3	sodium 22	NT3	actinium 222	NT3	calcium 52
NT3	tellurium 105	NT3	actinium 234	NT3	californium 237
NT3	thorium 218	NT3	actinium 235	NT3	californium 239
NT3	titanium 58	NT3	aluminium 24	NT3	carbon 10
NT3	titanium 59	NT3	aluminium 25	NT3	carbon 15
NT3	vanadium 61	NT3	aluminium 26	NT3	cerium 121
NT3	vanadium 62	NT3	aluminium 30	NT3	cerium 122
NT3	vanadium 63	NT3	americium 231	NT3	cerium 123
NT3	zirconium 109	NT3	americium 232	NT3	cerium 124
NT2	neutron-deficient isotopes	NT3	antimony 105	NT3	cerium 125
NT2	proton decay radioisotopes	NT3	antimony 106	NT3	cerium 126
NT3	aluminium 21	NT3	antimony 107	NT3	cerium 127
NT3	argon 30	NT3	antimony 108	NT3	cerium 135
NT3	arsenic 62	NT3	antimony 109	NT3	cerium 139
NT3	arsenic 63	NT3	antimony 110	NT3	cerium 147
NT3	arsenic 64	NT3	antimony 112	NT3	cerium 148
NT3	bismuth 185	NT3	antimony 126	NT3	cerium 149
NT3	calcium 34	NT3	antimony 134	NT3	cerium 150
NT3	cesium 112	NT3	antimony 135	NT3	cerium 151
NT3	cesium 113	NT3	argon 35	NT3	cerium 152
NT3	chlorine 28	NT3	argon 45	NT3	cesium 115
NT3	chlorine 29	NT3	argon 46	NT3	cesium 116
NT3	chlorine 30	NT3	arsenic 67	NT3	cesium 117
NT3	cobalt 49	NT3	arsenic 80	NT3	cesium 118
NT3	cobalt 52	NT3	arsenic 81	NT3	cesium 119
NT3	cobalt 53	NT3	arsenic 82	NT3	cesium 122
NT3	copper 52	NT3	arsenic 83	NT3	cesium 123
NT3	copper 53	NT3	arsenic 84	NT3	cesium 124
NT3	copper 54	NT3	arsenic 85	NT3	cesium 136
NT3	europium 130	NT3	astatine 198	NT3	cesium 141
NT3	europium 131	NT3	astatine 199	NT3	cesium 142
NT3	europium 132	NT3	astatine 200	NT3	cesium 143
NT3	fluorine 14	NT3	astatine 202	NT3	cesium 144
NT3	germanium 62	NT3	astatine 218	NT3	chlorine 33
NT3	gold 170	NT3	astatine 219	NT3	chlorine 34

NT3	chlorine 38	NT3	francium 208	NT3	holmium 170
NT3	chlorine 41	NT3	francium 209	NT3	holmium 171
NT3	chromium 57	NT3	francium 213	NT3	holmium 172
NT3	chromium 58	NT3	francium 220	NT3	holmium 173
NT3	chromium 59	NT3	francium 226	NT3	holmium 174
NT3	cobalt 63	NT3	francium 228	NT3	holmium 175
NT3	cobalt 65	NT3	francium 229	NT3	indium 101
NT3	copernicium 285	NT3	francium 230	NT3	indium 102
NT3	copper 58	NT3	francium 231	NT3	indium 104
NT3	copper 68	NT3	francium 232	NT3	indium 105
NT3	copper 70	NT3	gadolinium 135	NT3	indium 107
NT3	copper 71	NT3	gadolinium 140	NT3	indium 116
NT3	copper 72	NT3	gadolinium 141	NT3	indium 118
NT3	copper 73	NT3	gadolinium 143	NT3	indium 120
NT3	copper 74	NT3	gadolinium 164	NT3	indium 121
NT3	copper 75	NT3	gadolinium 165	NT3	indium 122
NT3	dubnium 255	NT3	gadolinium 166	NT3	indium 123
NT3	dubnium 256	NT3	gadolinium 167	NT3	indium 124
NT3	dubnium 257	NT3	gadolinium 169	NT3	indium 125
NT3	dubnium 258	NT3	gallium 63	NT3	indium 126
NT3	dubnium 259	NT3	gallium 74	NT3	indium 127
NT3	dubnium 260	NT3	gallium 76	NT3	indium 129
NT3	dubnium 261	NT3	gallium 77	NT3	indium 98
NT3	dubnium 262	NT3	gallium 78	NT3	indium 99
NT3	dubnium 263	NT3	gallium 79	NT3	iodine 111
NT3	dysprosium 140	NT3	gallium 80	NT3	iodine 112
NT3	dysprosium 141	NT3	gallium 81	NT3	iodine 113
NT3	dysprosium 142	NT3	germanium 65	NT3	iodine 114
NT3	dysprosium 143	NT3	germanium 75	NT3	iodine 116
NT3	dysprosium 144	NT3	germanium 77	NT3	iodine 133
NT3	dysprosium 145	NT3	germanium 79	NT3	iodine 136
NT3	dysprosium 146	NT3	germanium 80	NT3	iodine 137
NT3	dysprosium 147	NT3	germanium 81	NT3	iodine 138
NT3	dysprosium 169	NT3	germanium 82	NT3	iodine 139
NT3	dysprosium 170	NT3	germanium 83	NT3	iridium 170
NT3	dysprosium 171	NT3	germanium 84	NT3	iridium 171
NT3	einsteinium 241	NT3	gold 176	NT3	iridium 172
NT3	einsteinium 242	NT3	gold 177	NT3	iridium 173
NT3	einsteinium 243	NT3	gold 178	NT3	iridium 174
NT3	einsteinium 244	NT3	gold 179	NT3	iridium 175
NT3	erbium 146	NT3	gold 180	NT3	iridium 176
NT3	erbium 147	NT3	gold 181	NT3	iridium 177
NT3	erbium 148	NT3	gold 182	NT3	iridium 178
NT3	erbium 149	NT3	gold 183	NT3	iridium 191
NT3	erbium 150	NT3	gold 184	NT3	iridium 196
NT3	erbium 151	NT3	gold 193	NT3	iridium 198
NT3	erbium 152	NT3	gold 195	NT3	iridium 199
NT3	erbium 153	NT3	gold 196	NT3	iridium 202
NT3	erbium 167	NT3	gold 197	NT3	iron 52
NT3	erbium 176	NT3	gold 202	NT3	iron 63
NT3	erbium 177	NT3	gold 203	NT3	iron 64
NT3	europium 135	NT3	gold 204	NT3	krypton 72
NT3	europium 136	NT3	gold 205	NT3	krypton 73
NT3	europium 138	NT3	hafnium 154	NT3	krypton 79
NT3	europium 139	NT3	hafnium 158	NT3	krypton 81
NT3	europium 140	NT3	hafnium 159	NT3	krypton 90
NT3	europium 141	NT3	hafnium 160	NT3	krypton 91
NT3	europium 142	NT3	hafnium 161	NT3	krypton 92
NT3	europium 144	NT3	hafnium 162	NT3	krypton 93
NT3	europium 160	NT3	hafnium 163	NT3	lanthanum 118
NT3	europium 161	NT3	hafnium 177	NT3	lanthanum 119
NT3	europium 162	NT3	hafnium 178	NT3	lanthanum 120
NT3	europium 163	NT3	hafnium 179	NT3	lanthanum 121
NT3	europium 164	NT3	hafnium 187	NT3	lanthanum 122
NT3	fermium 245	NT3	hafnium 188	NT3	lanthanum 123
NT3	fermium 246	NT3	hassium 269	NT3	lanthanum 124
NT3	fermium 247	NT3	hassium 270	NT3	lanthanum 144
NT3	fermium 248	NT3	hassium 271	NT3	lanthanum 145
NT3	fermium 250	NT3	hassium 272	NT3	lanthanum 146
NT3	fermium 259	NT3	holmium 145	NT3	lanthanum 147
NT3	flerovium 289	NT3	holmium 146	NT3	lanthanum 148
NT3	fluorine 20	NT3	holmium 148	NT3	lanthanum 149
NT3	fluorine 21	NT3	holmium 149	NT3	lawrencium 252
NT3	fluorine 22	NT3	holmium 150	NT3	lawrencium 253
NT3	fluorine 23	NT3	holmium 151	NT3	lawrencium 254
NT3	francium 204	NT3	holmium 152	NT3	lawrencium 255
NT3	francium 205	NT3	holmium 159	NT3	lawrencium 256
NT3	francium 206	NT3	holmium 161	NT3	lawrencium 258
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NT3	lead 185	NT3	osmium 168	NT3	radium 208
NT3	lead 186	NT3	osmium 169	NT3	radium 209
NT3	lead 187	NT3	osmium 170	NT3	radium 210
NT3	lead 188	NT3	osmium 171	NT3	radium 211
NT3	lead 189	NT3	osmium 172	NT3	radium 212
NT3	lead 203	NT3	osmium 173	NT3	radium 214
NT3	lutetium 154	NT3	osmium 174	NT3	radium 221
NT3	lutetium 157	NT3	osmium 192	NT3	radium 222
NT3	lutetium 158	NT3	osmium 199	NT3	radium 233
NT3	lutetium 159	NT3	osmium 200	NT3	radium 234
NT3	lutetium 160	NT3	oxygen 19	NT3	radon 200
NT3	lutetium 183	NT3	oxygen 20	NT3	radon 201
NT3	lutetium 184	NT3	oxygen 21	NT3	radon 202
NT3	magnesium 22	NT3	oxygen 22	NT3	radon 203
NT3	magnesium 23	NT3	palladium 107	NT3	radon 219
NT3	magnesium 29	NT3	palladium 115	NT3	radon 220
NT3	manganese 58	NT3	palladium 116	NT3	radon 227
NT3	manganese 59	NT3	palladium 117	NT3	radon 228
NT3	manganese 60	NT3	palladium 118	NT3	rhodium 165
NT3	meitnerium 271	NT3	palladium 93	NT3	rhodium 166
NT3	meitnerium 272	NT3	palladium 94	NT3	rhodium 167
NT3	meitnerium 273	NT3	palladium 95	NT3	rhodium 168
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NT3	mendelevium 248	NT3	phosphorus 35	NT3	rhodium 171
NT3	mendelevium 249	NT3	phosphorus 36	NT3	rhodium 172
NT3	mendelevium 250	NT3	phosphorus 37	NT3	rhodium 192
NT3	mercury 179	NT3	platinum 175	NT3	rhodium 194
NT3	mercury 180	NT3	platinum 176	NT3	rhodium 195
NT3	mercury 181	NT3	platinum 177	NT3	rhodium 196
NT3	mercury 182	NT3	platinum 178	NT3	rhodium 104
NT3	mercury 183	NT3	platinum 179	NT3	rhodium 105
NT3	mercury 184	NT3	platinum 180	NT3	rhodium 106
NT3	mercury 185	NT3	platinum 181	NT3	rhodium 108
NT3	molybdenum 105	NT3	platinum 183	NT3	rhodium 110
NT3	molybdenum 106	NT3	platinum 199	NT3	rhodium 111
NT3	molybdenum 107	NT3	plutonium 229	NT3	rhodium 112
NT3	molybdenum 108	NT3	polonium 195	NT3	rhodium 113
NT3	molybdenum 110	NT3	polonium 196	NT3	rhodium 114
NT3	molybdenum 86	NT3	polonium 197	NT3	rhodium 117
NT3	molybdenum 87	NT3	polonium 203	NT3	rhodium 90
NT3	neodymium 127	NT3	polonium 207	NT3	rhodium 91
NT3	neodymium 129	NT3	polonium 211	NT3	rhodium 92
NT3	neodymium 130	NT3	polonium 212	NT3	rhodium 93
NT3	neodymium 131	NT3	polonium 217	NT3	rhodium 94
NT3	neodymium 137	NT3	potassium 37	NT3	roentgenium 280
NT3	neodymium 153	NT3	potassium 38	NT3	rubidium 75
NT3	neodymium 154	NT3	potassium 47	NT3	rubidium 76
NT3	neodymium 155	NT3	potassium 48	NT3	rubidium 80
NT3	neodymium 156	NT3	potassium 49	NT3	rubidium 91
NT3	neon 18	NT3	praseodymium 124	NT3	rubidium 92
NT3	neon 19	NT3	praseodymium 125	NT3	rubidium 93
NT3	neon 23	NT3	praseodymium 126	NT3	rubidium 94
NT3	nickel 67	NT3	praseodymium 127	NT3	ruthenium 109
NT3	nickel 69	NT3	praseodymium 128	NT3	ruthenium 110
NT3	nickel 70	NT3	praseodymium 129	NT3	ruthenium 111
NT3	nickel 71	NT3	praseodymium 130	NT3	ruthenium 112
NT3	nickel 72	NT3	praseodymium 150	NT3	ruthenium 113
NT3	nickel 74	NT3	praseodymium 151	NT3	ruthenium 89
NT3	niobium 100	NT3	praseodymium 152	NT3	ruthenium 90
NT3	niobium 101	NT3	praseodymium 153	NT3	ruthenium 91
NT3	niobium 102	NT3	praseodymium 154	NT3	ruthenium 93
NT3	niobium 103	NT3	promethium 128	NT3	rutherfordium 253
NT3	niobium 104	NT3	promethium 129	NT3	rutherfordium 255
NT3	niobium 105	NT3	promethium 130	NT3	rutherfordium 257
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NT3	niobium 83	NT3	promethium 132	NT3	rutherfordium 262
NT3	niobium 84	NT3	promethium 133	NT3	samarium 130
NT3	niobium 85	NT3	promethium 134	NT3	samarium 131
NT3	niobium 90	NT3	promethium 135	NT3	samarium 132
NT3	niobium 97	NT3	promethium 140	NT3	samarium 133
NT3	niobium 98	NT3	promethium 142	NT3	samarium 134
NT3	niobium 99	NT3	promethium 155	NT3	samarium 135
NT3	nitrogen 16	NT3	promethium 156	NT3	samarium 136
NT3	nitrogen 17	NT3	promethium 157	NT3	samarium 137
NT3	nobelium 252	NT3	promethium 158	NT3	samarium 139
NT3	nobelium 254	NT3	promethium 159	NT3	samarium 159
NT3	nobelium 256	NT3	protactinium 225	NT3	samarium 160
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NT3	fermium 257	NT3	calcium 41	NT3	promethium 147
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NT3	fermium 259	NT3	californium 250	NT3	radium 226
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NT3	fermium 264	NT3	californium 252	NT3	rhenium 186
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NT3	plutonium 243	NT3	gadolinium 152	NT3	thorium 228
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NT3	rutherfordium 254	NT3	hafnium 178	NT3	thorium 232
NT3	rutherfordium 255	NT3	hafnium 182	NT3	thulium 171
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NT3	thorium 232	NT3	nickel 59	NT2	radon 204
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NT2	titanium 47	NT2	uranium 241	NT2	ytterbium 156
NT2	titanium 48	NT2	uranium 242	NT2	ytterbium 157
NT2	titanium 49	NT1	vanadium isotopes	NT2	ytterbium 158
NT2	titanium 50	NT2	vanadium 40	NT2	ytterbium 159
NT2	titanium 51	NT2	vanadium 41	NT2	ytterbium 160
NT2	titanium 52	NT2	vanadium 42	NT2	ytterbium 161
NT2	titanium 53	NT2	vanadium 43	NT2	ytterbium 162
NT2	titanium 54	NT2	vanadium 44	NT2	ytterbium 163
NT2	titanium 55	NT2	vanadium 45	NT2	ytterbium 164
NT2	titanium 56	NT2	vanadium 46	NT2	ytterbium 165
NT2	titanium 57	NT2	vanadium 47	NT2	ytterbium 166
NT2	titanium 58	NT2	vanadium 48	NT2	ytterbium 167
NT2	titanium 59	NT2	vanadium 49	NT2	ytterbium 168
NT2	titanium 60	NT2	vanadium 50	NT2	ytterbium 169
NT2	titanium 61	NT2	vanadium 51	NT2	ytterbium 170
NT2	titanium 62	NT2	vanadium 52	NT2	ytterbium 171
NT2	titanium 63	NT2	vanadium 53	NT2	ytterbium 172
NT1	tungsten isotopes	NT2	vanadium 54	NT2	ytterbium 173
NT2	tungsten 157	NT2	vanadium 55	NT2	ytterbium 174
NT2	tungsten 158	NT2	vanadium 56	NT2	ytterbium 175
NT2	tungsten 159	NT2	vanadium 57	NT2	ytterbium 176
NT2	tungsten 160	NT2	vanadium 58	NT2	ytterbium 177
NT2	tungsten 161	NT2	vanadium 59	NT2	ytterbium 178
NT2	tungsten 162	NT2	vanadium 60	NT2	ytterbium 179
NT2	tungsten 163	NT2	vanadium 61	NT2	ytterbium 180
NT2	tungsten 164	NT2	vanadium 62	NT2	ytterbium 181
NT2	tungsten 165	NT2	vanadium 63	NT1	yttrium isotopes
NT2	tungsten 166	NT2	vanadium 64	NT2	yttrium 100
NT2	tungsten 167	NT2	vanadium 65	NT2	yttrium 101
NT2	tungsten 168	NT2	vanadium 66	NT2	yttrium 102
NT2	tungsten 169	NT1	xenon isotopes	NT2	yttrium 103
NT2	tungsten 170	NT2	xenon 109	NT2	yttrium 104
NT2	tungsten 171	NT2	xenon 110	NT2	yttrium 105
NT2	tungsten 172	NT2	xenon 111	NT2	yttrium 106
NT2	tungsten 173	NT2	xenon 112	NT2	yttrium 107
NT2	tungsten 174	NT2	xenon 113	NT2	yttrium 108
NT2	tungsten 175	NT2	xenon 114	NT2	yttrium 76
NT2	tungsten 176	NT2	xenon 115	NT2	yttrium 77
NT2	tungsten 177	NT2	xenon 116	NT2	yttrium 78
NT2	tungsten 178	NT2	xenon 117	NT2	yttrium 79
NT2	tungsten 179	NT2	xenon 118	NT2	yttrium 80
NT2	tungsten 180	NT2	xenon 119	NT2	yttrium 81
NT2	tungsten 181	NT2	xenon 120	NT2	yttrium 82
NT2	tungsten 182	NT2	xenon 121	NT2	yttrium 83
NT2	tungsten 183	NT2	xenon 122	NT2	yttrium 84
NT2	tungsten 184	NT2	xenon 123	NT2	yttrium 85
NT2	tungsten 185	NT2	xenon 124	NT2	yttrium 86
NT2	tungsten 186	NT2	xenon 125	NT2	yttrium 87
NT2	tungsten 187	NT2	xenon 126	NT2	yttrium 88
NT2	tungsten 188	NT2	xenon 127	NT2	yttrium 89
NT2	tungsten 189	NT2	xenon 128	NT2	yttrium 90
NT2	tungsten 190	NT2	xenon 129	NT2	yttrium 91
NT2	tungsten 191	NT2	xenon 130	NT2	yttrium 92

NT2 yttrium 93
 NT2 yttrium 94
 NT2 yttrium 95
 NT2 yttrium 96
 NT2 yttrium 97
 NT2 yttrium 98
 NT2 yttrium 99
 NT1 zinc isotopes
 NT2 zinc 54
 NT2 zinc 55
 NT2 zinc 56
 NT2 zinc 57
 NT2 zinc 58
 NT2 zinc 59
 NT2 zinc 60
 NT2 zinc 61
 NT2 zinc 62
 NT2 zinc 63
 NT2 zinc 64
 NT2 zinc 65
 NT2 zinc 66
 NT2 zinc 67
 NT2 zinc 68
 NT2 zinc 69
 NT2 zinc 70
 NT2 zinc 71
 NT2 zinc 72
 NT2 zinc 73
 NT2 zinc 74
 NT2 zinc 75
 NT2 zinc 76
 NT2 zinc 77
 NT2 zinc 78
 NT2 zinc 79
 NT2 zinc 80
 NT2 zinc 81
 NT2 zinc 82
 NT2 zinc 83
 NT1 zirconium isotopes
 NT2 zirconium 100
 NT2 zirconium 101
 NT2 zirconium 102
 NT2 zirconium 103
 NT2 zirconium 104
 NT2 zirconium 105
 NT2 zirconium 106
 NT2 zirconium 107
 NT2 zirconium 108
 NT2 zirconium 109
 NT2 zirconium 110
 NT2 zirconium 78
 NT2 zirconium 79
 NT2 zirconium 80
 NT2 zirconium 81
 NT2 zirconium 82
 NT2 zirconium 83
 NT2 zirconium 84
 NT2 zirconium 85
 NT2 zirconium 86
 NT2 zirconium 87
 NT2 zirconium 88
 NT2 zirconium 89
 NT2 zirconium 90
 NT2 zirconium 91
 NT2 zirconium 92
 NT2 zirconium 93
 NT2 zirconium 94
 NT2 zirconium 95
 NT2 zirconium 96
 NT2 zirconium 97
 NT2 zirconium 98
 NT2 zirconium 99
 RT gas centrifugation
 RT isotope effects
 RT isotope production
 RT isotope ratio
 RT isotope separation
 RT nuclei

isotopic analysis (quantitative)

USE isotope ratio

isotopic composition (quantitative)

USE isotope ratio

isotopic effects

USE isotope effects

ISOTOPIC EXCHANGE

UF exchange (isotopic)

UF isotope exchange

UF isotopic substitution

NT1 dual temperature process

RT chemical reactions

RT hydrogen transfer

RT isotope effects

RT isotope enriched materials

RT labelling

isotopic separation

USE isotope separation

isotopic shift

USE spectral shift

isotopic spin

USE isospin

isotopic substitution

USE isotopic exchange

ISOTROPY

RT anisotropy

RT configuration

RT distribution

RT orientation

ISOVALERIC ACID

*BT1 monocarboxylic acids

ISOVECTORS

*BT1 vectors

ISPRA-1 REACTOR

Permanent shutdown since 1973.

*BT1 enriched uranium reactors

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 test reactors

ispra-2 rana reactor

USE rana reactor

ISRAEL

BT1 asia

BT1 developing countries

BT1 middle east

RT israeli organizations

ISRAEL ATOMIC ENERGY COMMISSION

1979-11-02

*BT1 israeli organizations

NT1 negev nuclear research center

NT1 soreq nuclear research center

ISRAELI ORGANIZATIONS

INIS: 1979-11-02; ETDE: 1979-09-26

BT1 national organizations

NT1 israel atomic energy commission

NT2 negev nuclear research center

NT2 soreq nuclear research center

RT israel

israeli research reactor-1

2000-04-12

USE irr-1 reactor

israeli research reactor-2

2000-04-12

USE irr-2 reactor

iss orbital station

2005-10-13

USE international space station

ISTTOK TOKAMAK

2000-05-11

Instituto Superior Tecnico, Lisbon, Portugal.

*BT1 tokamak devices

ISX TOKAMAK

INIS: 1977-09-15; ETDE: 1978-04-27

UF impurity study experimental tokamak

*BT1 tokamak devices

ITACONIC ACID

*BT1 dicarboxylic acids

ITALIAN ENEA

INIS: 1985-03-15; ETDE: 1989-08-16

Comitato Nazionale per la Ricerca e lo

Sviluppo dell'Energia Nucleare e delle

Energie Alternative; prior to April 1982

known as Comitato Nazionale per Energia

Nucleare, and documents written before that

date should be indexed to CNEN.

UF comitato nazionale energia nucleare e alternative

UF enea italy

UF energia nucl e altern, com naz

*BT1 italian organizations

NT1 cnen

ITALIAN ENEL

INIS: 1992-09-11; ETDE: 1991-03-19

Ente Nazionale per l'Energia Elettrica.

*BT1 italian organizations

ITALIAN ORGANIZATIONS

1996-07-16

(Prior to August 1996 AGIP NUCLEARE was a valid ETDE descriptor.)

UF agip nucleare

BT1 national organizations

NT1 cise

NT1 infn

NT1 italian enea

NT2 cnen

NT1 italian enel

italian triga-mark-ii reactor

2000-04-12

USE triga-2-rome reactor

italian triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE triga-2-rome reactor

ITALY

1997-06-19

BT1 developed countries

*BT1 western europe

NT1 appennines

NT1 sicily

RT adriatic sea

RT alps

RT holy see

RT larderello geothermal field

RT monte amiata geothermal field

RT oecd

RT po river

RT san marino

RT travale geothermal field

ITEP

2016-07-28

Institute for Theoretical and Experimental Physics, Moscow, Russian Federation.

*BT1 nrc kurchatov institute

ITEP SYNCHROTRON

Institute of Theoretical and Experimental Physics Synchrotron.

*BT1 synchrotrons

ITER TOKAMAK

INIS: 1989-04-20; ETDE: 1989-05-11 International Thermonuclear Experimental Reactor.

*BT1 tokamak devices

*BT1 tokamak type reactors

ITERATIVE METHODS

BT1 calculation methods

NT1 finite difference method

NT1 galerkin-petrov method

NT1 newton method

NT1 runge-kutta method

RT mathematics

RT numerical solution

ITP

2017-11-13

UF inosine triphosphate

*BT1 nucleotides

RT inosine

RT phosphatases

itr reactor

2000-04-12

(Prior to April 1994, this was a valid ETDE descriptor.)

USE beryllium moderated reactors

USE enriched uranium reactors

USE thermionic reactors

USE zero power reactors

itri

INIS: 2000-04-12; ETDE: 1982-07-27

USE inhalation toxicology research institute

ITU-TRR REACTOR

2019-06-25

Located Istanbul Technical University.

*BT1 thermal reactors

*BT1 triga type reactors

IU CYCLOTRON

INIS: 1979-04-27; ETDE: 1979-05-25

UF indiana university cyclotron

*BT1 isochronous cyclotrons

iudr

USE iododeoxyuridine

ius

INIS: 1982-12-03; ETDE: 1977-09-19

Integrated utility systems.

USE total energy systems

ivory coast

INIS: 1997-01-07; ETDE: 1976-01-26

(Until January 1997 this was a valid descriptor.)

USE cote d'ivoire

IVV-2M REACTOR

2004-05-11

Gosatomnadzor of Russia, Russian Federation Atomic Energy Ministry, Sverdlovsk, Russian Federation.

*BT1 enriched uranium reactors

*BT1 materials testing reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

IVV-7 REACTOR

INIS: 1992-01-08; ETDE: 1992-02-19

Research Center in Tajura, Libya.

*BT1 pool type reactors

*BT1 research reactors

ivy project

2000-04-12

(Prior to March 1996 this was a valid ETDE descriptor.)

USE nuclear explosions

iwg-1m reactor

INIS: 2003-11-26; ETDE: 2003-12-03

Kurchatov city, East Kazakhstan.

USE ewg-1 reactor

ixion

2000-04-12

Plasma heating and confinement by superposition of radial electric fields on the axial magnetic fields (LASL).

(Prior to January 1995, this was a valid ETDE descriptor.)

USE magnetic mirrors

j-3105 resonances

USE j psi-3097 mesons

J CODES

BT1 computer codes

J-J COUPLING

UF spin-spin interaction

*BT1 intermediate coupling

RT orbital angular momentum

J-PARC

2007-02-27

Operated by both Japan Atomic Energy Agency and High Energy Accelerator Research Organization, Tokai, Ibaraki, Japan.

UF j-parc hadron experimental facility

UF j-parc materials and life science experimental facility

UF j-parc mlf

UF j-parc neutrino experimental facility

UF j-parc tef

UF j-parc transmutation experimental facility

UF japan proton accelerator research complex

RT j-parc center

RT j-parc linac

RT j-parc synchrotrons

J-PARC CENTER

2018-06-04

J-PARC organization established by Japan Atomic Energy Agency and High Energy Accelerator Research Tokai, Ibaraki, Japan

*BT1 japanese organizations

RT j-parc

RT jaea

RT kek

j-parc hadron experimental facility

2016-12-12

USE accelerator experimental facilities

USE hadrons

USE j-parc

J-PARC LINAC

2016-07-11

*BT1 linear accelerators

RT j-parc

j-parc materials and life science experimental facility

2016-12-12

USE accelerator experimental facilities

USE j-parc

j-parc mlf

2016-12-12

for research in material and life sciences using high-intensity pulsed neutron and muon beams.

USE accelerator experimental facilities

USE j-parc

j-parc neutrino experimental facility

2016-12-12

USE accelerator experimental facilities

USE j-parc

USE neutrinos

J-PARC SYNCHROTRONS

2016-07-11

*BT1 synchrotrons

RT j-parc

j-parc tef

2016-07-11

USE accelerator experimental facilities

USE j-parc

USE transmutation

j-parc transmutation experimental facility

2016-07-11

Planned facility for transmutation of minor actinides by an accelerator-driven system; J-PARC, Tokai, Ibaraki, Japan.

USE accelerator experimental facilities

USE j-parc

USE transmutation

J PSI-3097 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by PSI-3105 RESONANCES.)

UF j-3105 resonances

UF psi-3105 resonances

*BT1 charmonium

*BT1 vector mesons

JABILUKA DEPOSIT

INIS: 1978-07-03; ETDE: 1978-08-07

*BT1 uranium deposits

RT northern territory

RT uranium ores

JACKETS

Device surrounding an object to be heated or cooled, e.g., water jackets.

RT fuel cans

RT reactor components

RT shrouds

RT sleeves

JACKSON MODEL

RT compound nuclei

RT nuclear reactions

JACOBIAN FUNCTION

BT1 functions

jadrova vyradovacia spolocnost (bohunice)

2008-07-25

USE javys

JAEA

2006-01-26

The Japan Atomic Energy Research Institute (JAERI) and the Japan Nuclear Cycle Development Institute (JNC) were merged into a new independent organization named the Japan Atomic Energy Agency (JAEA) in October 2005.

UF japan atomic energy agency

*BT1 japanese organizations

RT j-parc center

JAERI

The Japan Atomic Energy Research Institute (JAERI) and the Japan Nuclear Cycle Development Institute (JNC) were merged into a new independent organization named the Japan Atomic Energy Agency (JAEA) in October 2005.

UF japan atomic energy research institute

*BT1 japanese organizations

jaeri experimental fusion reactor

INIS: 2000-04-12; ETDE: 1981-08-04

USE jxfr tokamak

jaeri fusion torus-2a

INIS: 1976-07-30; ETDE: 1976-11-02

USE jft-2a tokamak

JAERI LINAC

*BT1 linear accelerators

JAERI TANDEM ACCELERATOR

INIS: 1982-04-14; ETDE: 1982-05-07

*BT1 tandem electrostatic accelerators

*BT1 van de graaff accelerators

JAHN-TELLER EFFECT

RT energy levels

RT molecules

jails

INIS: 2000-04-12; ETDE: 1981-01-09

USE public buildings

JAMAICA

BT1 developing countries

*BT1 greater antilles

BT1 latin america

james a. fitzpatrick reactor

USE fitzpatrick reactor

JAMES RIVER

*BT1 rivers

RT virginia

JAMESPORT-1 REACTOR

Long Island Lighting Co., Jamesport, New York, USA. Canceled in 1980 before construction began.

*BT1 pwr type reactors

JAMESPORT-2 REACTOR

Long Island Lighting Co., Jamesport, New York, USA. Canceled in 1980 before construction began.

*BT1 pwr type reactors

jangle project

2000-04-12

(Prior to March 1996 this was a valid ETDE descriptor.)

USE nuclear explosions

JANUS REACTOR

ANL, Argonne, Illinois, USA. Shut down in 1992.

UF biological research reactor janus

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

JAPAN

1997-06-19

BT1 asia

BT1 developed countries

NT1 hachimantai

NT1 hiroshima

NT1 nagasaki

RT beppu geothermal field

RT hatchobaru geothermal field

RT kakkonda geothermal field

RT matsukawa geothermal field

RT oecd

RT okinawa

RT onikobe geothermal field

RT onuma geothermal field

RT otake geothermal field

RT rokkasho uranium enrichment plant

RT takenoyu geothermal field

RT takinoue geothermal field

japan atomic energy agency

2006-01-26

USE jaea

japan atomic energy research institute

INIS: 1993-12-30; ETDE: 1975-09-11

USE jaeri

japan atr fugen

USE jatr reactor

japan fast experimental breeder reactor

1993-11-08

USE joyo reactor

japan htr

USE htr reactor

japan institute plasma physics stellarator

1993-11-08

USE jipp stellarator

japan materials testing reactor

USE jmtr reactor

japan nuclear cycle development institute

INIS: 1999-06-28; ETDE: 1999-07-02

USE jnc

japan nuclear energy safety organization

2006-01-06

USE jnes

japan nuclear ship development agency

INIS: 1993-12-30; ETDE: 1975-09-11

USE jnsda

japan power demonstration reactor

USE jpdr reactor

japan power demonstration reactor-2

1993-11-08

USE jpdr-2 reactor

japan proton accelerator research complex

2007-02-27

USE j-parc

japan prototype fast reactor

INIS: 1984-06-21; ETDE: 2002-02-28

USE monju reactor

japan research reactor-1

USE jrr-1 reactor

japan research reactor-2

USE jrr-2 reactor

japan research reactor-3

USE jrr-3 reactor

japan research reactor-4

USE jrr-4 reactor

japan ship reactor mutsu

1993-11-08

USE mutsu reactor

JAPANESE ORGANIZATIONS

BT1 national organizations

NT1 j-parc center

NT1 jaea

NT1 jaeri

NT1 jnc

NT1 jnes

NT1 jnsda

NT1 kek

NT1 pnc

japco-1 reactor

USE tokai-mura reactor

japco-2 reactor

USE tsuruga reactor

japco-3 reactor

USE tokai-2 reactor

japco-4 reactor

INIS: 1983-06-30; ETDE: 1983-07-20

USE tsuruga-2 reactor

JASON REACTOR

UK Ministry of Defence, Dept. of Nuclear Science and Technology, Royal Naval College, London, United Kingdom. Decommissioned since 1999.

UF uk royal naval college-jason reactor

*BT1 argonaut type reactors

*BT1 research reactors

*BT1 training reactors

JASTROW THEORY

RT hard-core potential

RT nucleon-nucleon potential

JATR REACTOR

JNC, Tsuruga, Fukui, Japan. Permanent shutdown since 2003.

UF advanced thermal reactor fugen

UF fugen atr

UF japan atr fugen

*BT1 hwlwr type reactors

*BT1 natural uranium reactors

*BT1 plutonium reactors

*BT1 pressure tube reactors

*BT1 thermal reactors

JATROPHA

2009-12-08

*BT1 magnoliopsida

*BT1 shrubs

JAUNDICE

BT1 pathological changes

BT1 symptoms

RT hepatitis

RT liver

JAVA

INIS: 2002-09-10; ETDE: 2002-11-12

BT1 programming languages

java (island)

2002-11-13

USE indonesia

JAVYS

2008-07-25

JAdrova VYradovacia Spolocnost, a.s.

(Nuclear decommissioning joint stock company) in Jaslovské Bohunice consists of the following plants: Bohunice Radioactive Waste Processing Centre, Mochovce

Radioactive Waste Repository, Bohunice A-1 Reactor, Bohunice V-1 Reactor and Spent Fuel Storage for Bohunice V-2 Reactor.

UF jadrova vyradovacia spolocnost (bohunice)

*BT1 slovak organizations

RT mochovce liquid raw final treatment facility

JAW

UF alveoli (dental)

UF mandible

*BT1 skull

RT teeth

jecco process

2000-04-12

Japanese process using lime to remove sulfur dioxide in flue gas as gypsum.

USE desulfurization

USE lime-limestone wet scrubbing processes

JEEP-2 REACTOR

Institute for Atomenergi, Kjeller, Norway.

UF joint establishment experimental pile-2

*BT1 enriched uranium reactors

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 research reactors

*BT1 tank type reactors

JEFFERSON LAB MEIC

2015-08-27

BT1 storage rings

*BT1 synchrotrons

RT cebaf accelerator

jefferson laboratory

INIS: 2000-04-12; ETDE: 1997-03-28

USE cebaf accelerator

jejenum

USE small intestine

JEMEZ MOUNTAINS

2000-04-12

BT1 mountains

RT new mexico

JEN-1 REACTOR

Nuclear Energy Board, Juan Vigon National Nuclear Energy Centre, Madrid, Spain.

Decommissioned since 2009.

UF junta de energia nuclear (spain)-1 reactor

UF spanish jen-1 research reactor

*BT1 enriched uranium reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

JEN-2 REACTOR

Decommissioned

UF junta de energia nuclear (spain)-2 reactor

UF spanish jen-2 research reactor

*BT1 pool type reactors

*BT1 research reactors

JEN REACTOR

UF junta de energia nuclear (portugal) reactor

UF portuguese jen research reactor

*BT1 enriched uranium reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

jensen sarcoma

USE experimental neoplasms

jerusalem artichokes

INIS: 2000-04-12; ETDE: 1987-12-17

USE sunflowers

JERVIS BAY REACTOR

*BT1 power reactors

JESSE EFFECT

Change of ionization characteristics when impurities are added to certain gases.

RT gases

RT impurities

RT ionization

JET DRILLS

INIS: 2000-04-12; ETDE: 1977-03-08

*BT1 drills

RT drill bits

RT jets

RT nozzles

JET ENGINE FUELS

1994-08-26

SF aircraft fuels

SF aviation fuels

*BT1 liquid fuels

RT hydrogen fuels

JET MODEL

INIS: 1976-08-17; ETDE: 1976-11-01

UF ujm

UF uncorrelated-jet model

*BT1 particle models

RT uncorrelated-particle model

jet reactors

INIS: 2000-04-12; ETDE: 1978-04-27

(Prior to July 1985, this was a valid ETDE descriptor.)

USE jet tokamak

JET STREAM

2013-12-13

RT atmospheric circulation

RT wind

JET TOKAMAK

INIS: 1975-11-11; ETDE: 1979-04-11

UF jet reactors

*BT1 tokamak devices

JETS

RT fluid flow

RT jet drills

RT nozzles

JEZEBEL REACTOR

LANL, Los Alamos, New Mexico, USA. Shut down in 1987.

*BT1 zero power reactors

jfer reactor

USE joyo reactor

JFT-2 TOKAMAK

Tokamak device with circular cross section and no divertor.

*BT1 tokamak devices

JFT-2A TOKAMAK

INIS: 1976-07-30; ETDE: 1976-11-01

Tokamak device with teardrop-like cross section and with an axisymmetric divertor.

UF diva tokamak

UF jaeri fusion torus-2a

*BT1 tokamak devices

JFT-2M TOKAMAK

INIS: 1985-12-10; ETDE: 1986-01-16

Tokamak device with a D-shaped cross section and a divertor.

*BT1 tokamak devices

jgc methane-rich gas process

INIS: 2000-04-12; ETDE: 1976-01-23

Production of town gas or sng from naphtha, natural gasoline, lpg, kerosene, or methanol by catalytic reforming and methanation.

(Prior to February 1995, this was a valid ETDE descriptor.)

USE sng processes

jhr reactor

2005-02-10

USE jules horowitz reactor

JIGS

INIS: 2000-04-12; ETDE: 1976-02-19

Devices that are submerged in water and vibrated to filter or concentrate ore, clean coal, etc.

BT1 concentrators

RT density

RT separation processes

RT sorting

JININGITE

2000-04-12

*BT1 thorite

JINR

UF dubna, jinr

UF joint institute for nuclear research

UF ob'edinennyj institut yadernykh issledovaniy

UF oiyai

BT1 international organizations

RT iren facility

JINR CYCLOTRONS

*BT1 isochronous cyclotrons

NT1 jinr dc-110 cyclotron

NT1 jinr u-400 cyclotron

NT1 jinr u-400m cyclotron

JINR DC-110 CYCLOTRON

2018-04-18

Heavy ion cyclotron for industrial production of track membranes

*BT1 heavy ion accelerators

*BT1 jinr cyclotrons

RT ecr ion sources

JINR NUCLOTRON

2018-04-18

Superconducting accelerator of nuclei and heavy ions

(Prior to June 2018 JINR SYNCHROTRON was used for this concept.)

UF jinr synchrotron

*BT1 synchrotrons

RT nica bm@n detector

RT nica collider

RT nica mpd detector

RT nica spd detector

JINR PHASOTRON

2018-04-18

(Prior to June 2018 DUBNA SYNCHROCYCLOTRON was used for this concept.)

UF dubna synchrocyclotron

*BT1 synchrocyclotrons

RT radiotherapy

jinr synchrotron

USE jinr nuclotron

JINR U-400 CYCLOTRON

INIS: 1982-07-22; ETDE: 1982-08-11

- *BT1 heavy ion accelerators
- *BT1 jinr cyclotrons

JINR U-400M CYCLOTRON

2018-04-18

- *BT1 heavy ion accelerators
- *BT1 jinr cyclotrons

JIPP STELLARATOR

UF japan institute plasma physics stellarator

- *BT1 stellarators

JIPPT-2 DEVICE

INIS: 1982-08-27; ETDE: 1982-09-10

- *BT1 stellarators
- *BT1 tokamak devices

JMTR REACTOR

JAERI, Oarai, Ibaraki, Japan. Under decommissioning. Permanent shutdown.

UF japan materials testing reactor
UF materials testing reactor japan

- *BT1 enriched uranium reactors
- *BT1 materials testing reactors
- *BT1 research reactors
- *BT1 tank type reactors
- *BT1 test reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

JNC

INIS: 1999-06-28; ETDE: 1999-07-02

The Japan Atomic Energy Research Institute (JAERI) and the Japan Nuclear Cycle Development Institute (JNC), previously known as the Power Reactor and Nuclear Fuel Development Corporation (PNC), were merged into a new independent organization named the Japan Atomic Energy Agency (JAEA) in October 2005.

UF japan nuclear cycle development institute

- *BT1 japanese organizations

JNES

2006-01-06

UF japan nuclear energy safety organization

- *BT1 japanese organizations

JNSDA

ETDE: 1975-09-11

UF japan nuclear ship development agency

- *BT1 japanese organizations

job training

INIS: 2000-04-12; ETDE: 1980-09-22

USE training

johannite

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE sulfate minerals
- USE uranium minerals

JOINING

- BT1 fabrication
- NT1 bonding
- NT1 fastening
- NT1 welding
 - NT2 arc welding
 - NT3 gas metal-arc welding
 - NT4 gas tungsten-arc welding
 - NT3 plasma arc welding
 - NT3 shielded metal-arc welding
 - NT3 submerged arc welding
 - NT2 brazing
 - NT2 diffusion welding

- NT2 electron beam welding
- NT2 electrosag welding
- NT2 explosion welding
- NT2 forge welding
- NT2 friction welding
- NT2 gas welding
- NT2 induction welding
- NT2 laser welding
- NT2 magnetic force welding
- NT2 resistance welding
 - NT3 flash welding
- NT2 soldering
- NT2 ultrasonic welding
- NT2 vacuum welding
- RT compatibility
- RT couplings
- RT fasteners

joint committee on atomic energy

INIS: 1975-11-27; ETDE: 1975-09-17

USE us jcae

joint establishment experimental pile-2

2000-04-12

USE jeep-2 reactor

joint institute for nuclear research

1993-11-08

USE jinr

joint liability

INIS: 1990-12-15; ETDE: 2002-02-28

(Prior to December 1990, this was a valid descriptor.)

USE liabilities

JOINT VENTURES

INIS: 1992-01-16; ETDE: 1978-11-14

Commercial or maritime enterprises undertaken by several parties jointly.

- BT1 cooperation
- RT industry
- RT legal aspects
- RT liabilities

JOINTS

Mechanical joints only; see also BONE

JOINTS.

- UF connections
- SF junctions
- NT1 bolted joints
- NT1 brazed joints
- NT1 expansion joints
- NT1 pipe joints
- NT1 soldered joints
- NT1 threaded joints
- NT1 welded joints
- RT bonding
- RT closures
- RT compatibility
- RT fastening
- RT flanges

joints (anatomy)

USE bone joints

JOJOBA

INIS: 1992-01-09; ETDE: 1980-11-25

- UF simmondsia chinensis
- *BT1 magnoliopsida
- *BT1 shrubs
- RT arid lands

jominy end-quench technique

2000-04-12

(Prior to July 1996 this was a valid ETDE descriptor.)

SEE quench hardening

JONES REDUCTOR

2000-04-12

RT reduction

JOOS-WEINBERG EQUATION

- *BT1 differential equations
- RT dirac equation
- RT quantum electrodynamics
- RT spin

JORDAN

1979-12-20

- BT1 arab countries
- BT1 asia
- BT1 developing countries
- BT1 middle east

JORDAN SUBCRITICAL ASSEMBLY

2019-01-28

Jordan Atomic Energy Commission. Amman, Jordan

- *BT1 enriched uranium reactors
- *BT1 heavy water cooled reactors
- *BT1 heavy water moderated reactors
- *BT1 subcritical assemblies

JORDANIAN ORGANIZATIONS

2004-03-31

BT1 national organizations

jorum event

1994-10-14

A test made during OPERATION MANDREL. (Prior to September 1994, this was a valid ETDE descriptor.)

- USE nuclear explosions
- USE underground explosions

jose cabrera reactor

USE zorita-1 reactor

joseph m. farley-1 reactor

USE farley-1 reactor

joseph m. farley-2 reactor

USE farley-2 reactor

JOSEPHSON EFFECT

- RT josephson junctions
- RT superconductivity

JOSEPHSON JUNCTIONS

- *BT1 superconducting junctions
- RT josephson effect

JOST FUNCTION

- BT1 functions
- RT scattering
- RT schroedinger equation

JOULE HEATING

- UF ohmic plasma heating
- *BT1 electric heating
- *BT1 plasma heating
- NT1 current-drive heating

joule-thomson effect

INIS: 2000-04-12; ETDE: 1978-09-11

A change of temperature in a gas undergoing Joule-Thomson expansion. (Prior to March 1997 this was a valid ETDE descriptor.)

SEE thermodynamics

JOURNAL BEARINGS

BT1 bearings

JOYO REACTOR

JNC, Oarai, Ibaraki, Japan.

- UF efr reactor
- UF fast experimental breeder reactor japan

UF *japan fast experimental breeder reactor*

UF *jfer reactor*

*BT1 experimental reactors

*BT1 lmfr type reactors

*BT1 power reactors

JPDR-2 REACTOR

1979-09-18

JAERI, Tokai, Ibaraki, Japan.

UF *japan power demonstration reactor-2*

*BT1 bwr type reactors

JPDR REACTOR

JAERI, Tokai, Ibaraki, Japan. Permanent shutdown since March 1976. Decommissioned in 1996.

UF *japan power demonstration reactor*

*BT1 bwr type reactors

*BT1 experimental reactors

jpfr reactor

INIS: 1977-03-01; ETDE: 1977-04-12

USE monju reactor

JPL PROCESS

INIS: 2000-04-12; ETDE: 1978-07-05

Coal desulfurization process consisting of sequential steps of chlorination, hydrolysis, and dechlorination.

*BT1 desulfurization

RT coal preparation

JRR-1 REACTOR

JAERI, Tokai, Ibaraki, Japan. Changed to nuclear fuel use facility since 2003.

Decommissioned since 1969. Permanent shutdown since 1968.

UF *japan research reactor-1*

*BT1 aqueous homogeneous reactors

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 research reactors

*BT1 training reactors

JRR-2 REACTOR

JAERI, Tokai, Ibaraki, Japan. Under decommissioning since 1997. Shutdown since 1996.

UF *japan research reactor-2*

*BT1 enriched uranium reactors

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 research reactors

*BT1 tank type reactors

JRR-3 REACTOR

JAERI, Tokai, Ibaraki, Japan. This reactor was shut down in 1983 and replaced in 1990 by the JRR-3M REACTOR.

UF *japan research reactor-3*

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 materials testing reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 tank type reactors

JRR-3M REACTOR

INIS: 1992-01-24; ETDE: 1992-02-14

JAERI, Tokai, Ibaraki, Japan. This reactor replaces the JRR-3 Reactor which was shut down in 1983.

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 materials testing reactors

*BT1 pool type reactors

*BT1 research reactors

JRR-4 REACTOR

JAERI, Tokai, Ibaraki, Japan. Under decommissioning since 2017.

UF *japan research reactor-4*

*BT1 enriched uranium reactors

*BT1 pool type reactors

*BT1 research reactors

JRTR REACTOR

2019-01-23

Jordan Atomic Energy Commission. Amman, Jordan

*BT1 pool type reactors

*BT1 research reactors

jt-60 reactors

INIS: 2000-04-12; ETDE: 1978-04-27

(Prior to July 1985, this was a valid ETDE descriptor.)

USE jt-60 tokamak

jt-60-su tokamak

INIS: 1999-07-26; ETDE: 2002-02-28

USE jt-60u tokamak

JT-60 TOKAMAK

INIS: 1977-01-25; ETDE: 1979-04-11

UF *jt-60 reactors*

*BT1 tokamak devices

RT jt-60u tokamak

JT-60U TOKAMAK

INIS: 1991-03-22; ETDE: 1991-04-09

UF *jt-60-su tokamak*

*BT1 tokamak devices

RT jt-60 tokamak

juelich (kernforschungsanlage)

INIS: 1984-06-21; ETDE: 1995-10-30

USE forschungszentrum juelich

juelich-dido reactor

USE frj-2 reactor

juelich-merlin reactor

USE frj-1 reactor

juelich storage ring

INIS: 1992-04-16; ETDE: 2002-02-28

USE cosy storage ring

juices

USE beverages

JULES HOROWITZ REACTOR

2005-02-10

High flux materials testing reactor; CEA, Cadarache, Saint-Paul-lez-Durance, France. Under construction. Criticality is expected in 2021.

UF *jhr reactor*

UF *reacteur jules horowitz*

UF *rjh reactor*

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 materials testing reactors

*BT1 pool type reactors

*BT1 thermal reactors

JULIC CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-03-24

*BT1 isochronous cyclotrons

JUNCTION DETECTORS

UF *p-n counters*

*BT1 semiconductor detectors

NT1 li-drifted junction detectors

RT semiconductor junctions

JUNCTION DIODES

UF *zener diodes*

*BT1 semiconductor diodes

JUNCTION TRANSISTORS

*BT1 transistors

RT semiconductor junctions

junctions

2000-03-28

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE connectors

SEE electric contacts

SEE joints

SEE semiconductor junctions

SEE superconducting junctions

junipers

INIS: 1992-01-15; ETDE: 2002-02-28

USE cedars

juniperus

INIS: 2000-04-12; ETDE: 1985-12-11

USE cedars

JUNO REACTOR

Decommissioned since 1984.

UF *ukaee-juno reactor*

*BT1 heavy water moderated reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 water moderated reactors

*BT1 zero power reactors

junta de energia nuclear (portugal) reactor

INIS: 1984-06-21; ETDE: 2002-02-28

USE jen reactor

junta de energia nuclear (spain)-1 reactor

INIS: 1984-06-21; ETDE: 2002-02-28

USE jen-1 reactor

junta de energia nuclear (spain)-2 reactor

INIS: 1984-06-21; ETDE: 2002-02-28

USE jen-2 reactor

JUPITER PLANET

BT1 planets

JURAGUA-1 REACTOR

INIS: 1993-02-11; ETDE: 1993-03-04

Juragua, Cienfuegos, Cuba. Construction was cancelled in 2000.

*BT1 wwver type reactors

JURASSIC PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19

*BT1 mesozoic era

justice department

INIS: 2000-04-12; ETDE: 1980-08-25

USE us doj

JUTE

*BT1 corchorus

RT fibers

RT textiles

JUVENILES

INIS: 1986-03-04; ETDE: 1976-04-19

RT adolescents

RT age groups

RT children

jxfr reactor

INIS: 1981-11-25; ETDE: 1982-01-07

USE jxfr tokamak

JXFR TOKAMAK

INIS: 1981-11-25; ETDE: 1982-01-07

UF *jaeri experimental fusion reactor*

UF jxfr reactor
*BT1 tokamak devices

k-1240 resonances

1988-03-08
(Prior to December 1987 this was a valid descriptor.)
USE strange mesons

k-1320 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE k*0-1430 mesons

k-1420 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE k*2-1430 mesons

K-1460 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02
*BT1 pseudoscalar mesons
*BT1 strange mesons

k-1775 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE k2-1770 mesons

K-1830 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02
*BT1 pseudoscalar mesons
*BT1 strange mesons

k-1871 resonances

INIS: 1988-03-08; ETDE: 1978-03-08
(Prior to December 1987 this was a valid descriptor.)
USE strange mesons

k-2130 resonances

INIS: 1987-12-21; ETDE: 1979-10-23
(Prior to December 1987 this was a valid descriptor.)
USE k*4-2045 mesons

k-25 plant

USE orgdp

k-892 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE k*-892 mesons

K ABSORPTION

*BT1 absorption

K CAPTURE

*BT1 electron capture decay

K CODES

BT1 computer codes

K CONVERSION

UF k-conversion coefficient
*BT1 internal conversion

k-conversion coefficient

USE k conversion

K-HARMONICS METHOD

1978-11-24
BT1 calculation methods
RT nuclear structure

K MATRIX

BT1 matrices
RT nuclear reactions
RT unitary pole approximation

K REACTOR

Savannah River Plant, Aiken, South Carolina, USA. Reactor in surveillance and maintenance mode.

UF savannah river plant k reactor
*BT1 heavy water moderated reactors
*BT1 special production reactors

K SHELL

INIS: 1976-07-06; ETDE: 1976-08-24
Atomic electron shells.
UF atomic shells (k)
BT1 electronic structure

K*-1410 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02
*BT1 strange mesons
*BT1 vector mesons

K*-1680 MESONS

1995-07-17
*BT1 strange mesons
*BT1 vector mesons

K*-892 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02
(Prior to December 1987 this concept was indexed by K-892 RESONANCES.)
UF k-892 resonances
*BT1 strange mesons
*BT1 vector mesons

k*0-1350 mesons

INIS: 1995-08-07; ETDE: 1988-02-02
(From December 1987 until July 1995 this was a valid term.)
USE k*0-1430 mesons

K*0-1430 MESONS

1995-08-07
(Until December 1987 this concept was indexed by K-1320 RESONANCES; from then until July 1995 it was indexed by K*0-1350 MESONS.)
UF k-1320 resonances
UF k*0-1350 mesons
*BT1 scalar mesons
*BT1 strange mesons

K*2-1430 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02
(Prior to December 1987 this concept was indexed by K-1420 RESONANCES.)
UF k-1420 resonances
*BT1 strange mesons
*BT1 tensor mesons

K*3-1780 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02
*BT1 strange mesons
*BT1 tensor mesons

K*4-2045 MESONS

1995-08-07
(Until December 1987 this concept was indexed by K-2130 RESONANCES; from then until July 1995 it was indexed by K*4-2060 MESONS.)
UF k-2130 resonances
UF k*4-2060 mesons
*BT1 strange mesons
*BT1 tensor mesons

k*4-2060 mesons

INIS: 1995-08-07; ETDE: 1988-02-02
(From December 1987 until July 1995 this was a valid term.)
USE k*4-2045 mesons

k*resonances

1988-03-08
(Prior to December 1987 this was a valid descriptor.)
USE strange mesons

k01

USE kaons neutral short-lived

k02

USE kaons neutral long-lived

K1-1270 MESONS

1995-08-07
(Until July 1995 this concept was indexed by K1-1280 MESONS.)
UF k1-1280 mesons
SF q enhancement
SF q resonances
*BT1 axial vector mesons
*BT1 strange mesons

k1-1280 mesons

INIS: 1995-08-07; ETDE: 1988-02-02
(Until July 1995 this was a valid term.)
USE k1-1270 mesons

K1-1400 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02
SF q enhancement
SF q resonances
*BT1 axial vector mesons
*BT1 strange mesons

K2-1770 MESONS

INIS: 1995-07-17; ETDE: 1988-02-02
(Prior to December 1987 this concept was indexed by K-1775 RESONANCES.)
UF k-1775 resonances
SF l resonances
*BT1 strange mesons
*BT1 tensor mesons

K2-1820 MESONS

1995-07-17
*BT1 strange mesons
*BT1 tensor mesons

KAERI

INIS: 1981-12-23; ETDE: 1982-02-09
Korea Atomic Energy Research Institute.
(Prior to December 1989 this descriptor was used to index Korea Advanced Energy Research Institute.)
UF korea advanced energy research institute
UF korea atomic energy research institute
*BT1 korean organizations

kahl-main reactor

USE hdr reactor

kahl-vak reactor

USE vak reactor

KAHLERITE

2000-04-12
*BT1 oxide minerals
*BT1 uranium minerals
RT arsenic oxides
RT iron oxides
RT uranium oxides

KAHTER REACTOR

INIS: 1980-05-14; ETDE: 1975-11-26
Shut down since 1984. Decommissioned since 1988.
UF kritische anlage zum htr
*BT1 htgr type reactors
*BT1 zero power reactors

KAIGA-1 REACTOR

INIS: 1993-02-09; ETDE: 1993-03-04

Kaiga, Karnataka, India.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors

KAIGA-2 REACTOR

INIS: 1993-02-09; ETDE: 1993-03-04

Kaiga, Karnataka, India.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors

KAIGA-3 REACTOR

2005-07-22

Nuclear Power Corporation of India Ltd.,

Kaiga, Karnataka, India.

- *BT1 phwr type reactors
- *BT1 power reactors
- *BT1 thermal reactors

KAIGA-4 REACTOR

2005-07-22

Nuclear Power Corporation of India Ltd.,

Kaiga, Karnataka, India.

- *BT1 phwr type reactors
- *BT1 power reactors
- *BT1 thermal reactors

KAINOSITE

2000-04-12

- *BT1 radioactive minerals
- *BT1 silicate minerals
- RT calcium silicates
- RT cerium silicates
- RT yttrium silicates

KAISERAUGST REACTOR

Plan was cancelled

- *BT1 bwr type reactors

KAKKONDA GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1979-10-23

- BT1 geothermal fields
- RT japan

KAKRAPAR-1 REACTOR

INIS: 1993-03-10; ETDE: 1993-04-16

Surat, Gujarat, India.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors

KAKRAPAR-2 REACTOR

INIS: 1993-03-10; ETDE: 1993-04-16

Surat, Gajarat, India.

- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors

KALE

1991-12-16

- *BT1 brassica

KALININ-1 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20

Kalinin NPP, Udomlya, Tver region, Russian Federation

- *BT1 wwer type reactors

KALININ-2 REACTOR

2015-03-31

Kalinin NPP, Udomlya, Tver region, Russian Federation

- *BT1 wwer type reactors

KALININ-3 REACTOR

INIS: 1990-01-29; ETDE: 1990-02-13

Kalinin NPP, Udomlya, Tver region, Russian Federation

- *BT1 wwer type reactors

KALININ-4 REACTOR

2015-03-31

Kalinin NPP, Udomlya, Tver region, Russian Federation

- *BT1 wwer type reactors

kalkar power reactor

INIS: 2000-04-12; ETDE: 1975-10-01

- USE snr reactor

KALLIKREIN

(Prior to January 1981 this was a valid ETDE descriptor. From January 1981 to November 1 990 this material was indexed to KININOGENIN.)

- UF kininogenin
- *BT1 blood coagulation factors
- *BT1 radioprotective substances
- *BT1 serine proteinases

KALPAKKAM-1 REACTOR

Kalpakkam, Tamil Nadu, India.

- UF madras-1 reactor
- UF maps-1 reactor
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- *BT1 pressure tube reactors

KALPAKKAM-2 REACTOR

Kalpakkam, Tamil Nadu, India.

- UF madras-2 reactor
- UF maps-2 reactor
- *BT1 natural uranium reactors
- *BT1 phwr type reactors
- *BT1 pressure tube reactors

KALPAKKAM LMFBR REACTOR

Kalpakkam, Tamil Nadu, India.

- UF fast breeder test reactor (kalpakkam)
- UF fbtr reactor (kalpakkam)
- UF test fast breeder reactor kalpakkam
- *BT1 lmfbtr type reactors
- *BT1 test reactors
- RT coral reprocessing plant

KALPAKKAM PFBR REACTOR

2005-07-22

Bharatiya Nabhikiya Vidyut Nigam Ltd.,

Kalpakkam, Tamil Nadu, India.

- UF kalpakkam prototype fast breeder reactor
- *BT1 fbr type reactors

KALPAKKAM PFR REACTOR

INIS: 1975-10-29; ETDE: 1975-12-16

Kalpakkam, Tamil Nadu, India.

- UF kalpakkam pulsed fast reactor
- *BT1 air cooled reactors
- *BT1 fast reactors
- *BT1 pulsed reactors
- *BT1 research and test reactors

kalpakkam prototype fast breeder reactor

2005-07-22

- USE kalpakkam pfbr reactor

kalpakkam pulsed fast reactor

INIS: 1975-10-29; ETDE: 1975-12-16

- USE kalpakkam pfr reactor

kalpakkam reactor research center

INIS: 1989-02-24; ETDE: 1977-06-03

Reactor Research Centre, Kalpakkam, India.

- USE igcar

KALUZA-KLEIN THEORY

INIS: 1984-01-18; ETDE: 1984-02-10

Approach to unify electromagnetism and gravitation in the framework of general relativity theory by introducing a fifth space-

time coordinate, the generator of which is the electric charge.

- *BT1 unified field theories
- RT compactification
- RT dilatons
- RT electromagnetism
- RT general relativity theory
- RT gravitation
- RT supergravity
- RT unified gauge models

KAMCHATKA

INIS: 1992-06-04; ETDE: 1978-06-14

- *BT1 russian federation

KAMINI REACTOR

INIS: 1989-12-08; ETDE: 1990-01-03

IGCAR, Kalpakkam, Tamilnadu, India.

- *BT1 research and test reactors
- *BT1 tank type reactors
- *BT1 thermal reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

KAMOJANG GEOTHERMAL FIELD

INIS: 1992-06-04; ETDE: 1980-03-04

- BT1 geothermal fields
- RT indonesia

kangaroo rat

Long-tailed jumping rat of western USA.

- USE rodents

kangaroos

INIS: 1993-05-04; ETDE: 1981-06-15

- USE marsupials

kansai-1 reactor

- USE mihama-1 reactor

kansai-2 reactor

- USE mihama-2 reactor

kansai-3 reactor

- USE takahama-1 reactor

kansai-4 reactor

- USE takahama-2 reactor

KANSAS

- *BT1 usa
- RT chattanooga formation
- RT missouri river
- RT permian basin

KANSAS CITY PLANT

INIS: 1991-02-11; ETDE: 1988-05-23

US DOE Facility in Kansas City, Missouri.

- *BT1 us doe
- *BT1 us erda
- RT missouri

kansas state university triga mk-2 reactor

1993-11-09

- USE triga-2-kansas reactor

KANTHAL

2000-04-12

- *BT1 aluminium alloys
- *BT1 chromium alloys
- *BT1 cobalt alloys
- *BT1 iron base alloys

KANUPP REACTOR

Paradise Point, Sind, Pakistan.

- UF karachi nuclear power plant
- *BT1 candu type reactors
- *BT1 natural uranium reactors
- *BT1 phwr type reactors

KAOLIN

A group of clay minerals, mainly hydrous aluminium silicate.

UF china clay

*BT1 clays

*BT1 oxide minerals

RT kaolinite

KAOLINITE

1992-07-20

Hydrous silicate of aluminium that constitutes the principal mineral in kaolin.

*BT1 silicate minerals

RT aluminium silicates

RT kaolin

KAON BEAMS

*BT1 meson beams

KAON DETECTION

1976-02-11

*BT1 radiation detection

kaon-deuteron interactions

(Prior to March 1996 this was a valid ETDE descriptor.)

USE kaon-neutron interactions

USE kaon-proton interactions

KAON-HYPERON INTERACTIONS

*BT1 meson-hyperon interactions

KAON-KAON INTERACTIONS

*BT1 meson-meson interactions

kaon minus-deuteron interactions

2000-04-12

(Prior to March 1996 KAON-DEUTERON INTERACTIONS was used for this concept in ETDE.)

USE kaon minus-neutron interactions

USE kaon minus-proton interactions

KAON MINUS-NEUTRON INTERACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09

UF kaon minus-deuteron interactions

*BT1 kaon-neutron interactions

KAON MINUS-PROTON INTERACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09

UF kaon minus-deuteron interactions

*BT1 kaon-proton interactions

KAON MINUS REACTIONS

INIS: 1977-03-01; ETDE: 1976-07-09

*BT1 kaon reactions

kaon neutral-deuteron interactions

2000-04-12

(Prior to March 1996 KAON-DEUTERON INTERACTIONS was used for this concept in ETDE.)

USE kaon neutral-neutron interactions

USE kaon neutral-proton interactions

KAON NEUTRAL-NEUTRON INTERACTIONS

INIS: 1979-09-18; ETDE: 1976-07-09

UF kaon neutral-deuteron interactions

*BT1 kaon-neutron interactions

KAON NEUTRAL-PROTON INTERACTIONS

INIS: 1977-06-13; ETDE: 1976-07-09

UF kaon neutral-deuteron interactions

*BT1 kaon-proton interactions

KAON NEUTRAL REACTIONS

INIS: 1979-09-18; ETDE: 1976-07-09

*BT1 kaon reactions

KAON-NEUTRON INTERACTIONS

(From February 1975 until March 1996 KAON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

UF kaon-deuteron interactions

*BT1 kaon-nucleon interactions

NT1 kaon minus-neutron interactions

NT1 kaon neutral-neutron interactions

NT1 kaon plus-neutron interactions

KAON-NUCLEON INTERACTIONS

*BT1 meson-nucleon interactions

NT1 kaon-neutron interactions

NT2 kaon minus-neutron interactions

NT2 kaon neutral-neutron interactions

NT2 kaon plus-neutron interactions

NT1 kaon-proton interactions

NT2 kaon minus-proton interactions

NT2 kaon neutral-proton interactions

NT2 kaon plus-proton interactions

kaon plus-deuteron interactions

2000-04-12

(Prior to March 1996 KAON-DEUTERON INTERACTIONS was used for this concept in ETDE.)

USE kaon plus-neutron interactions

USE kaon plus-proton interactions

KAON PLUS-NEUTRON INTERACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09

UF kaon plus-deuteron interactions

*BT1 kaon-neutron interactions

KAON PLUS-PROTON INTERACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09

UF kaon plus-deuteron interactions

*BT1 kaon-proton interactions

KAON PLUS REACTIONS

INIS: 1977-09-15; ETDE: 1976-07-09

*BT1 kaon reactions

KAON-PROTON INTERACTIONS

(From February 1975 until March 1996 KAON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

UF kaon-deuteron interactions

*BT1 kaon-nucleon interactions

NT1 kaon minus-proton interactions

NT1 kaon neutral-proton interactions

NT1 kaon plus-proton interactions

KAON REACTIONS

*BT1 meson reactions

NT1 kaon minus reactions

NT1 kaon neutral reactions

NT1 kaon plus reactions

KAONIC ATOMS

*BT1 mesic atoms

RT kaonium

KAONIUM

INIS: 1985-11-19; ETDE: 1985-12-13

RT bound state

RT kaonic atoms

RT kaons minus

RT kaons plus

RT muonium

RT pionium

KAONS

*BT1 pseudoscalar mesons

*BT1 strange mesons

NT1 antikaons

NT2 antikaons neutral

NT1 cosmic kaons

NT1 kaons minus

NT1 kaons neutral

NT2 antikaons neutral

NT2 kaons neutral long-lived

NT2 kaons neutral short-lived

NT1 kaons plus

RT pi-k atoms

kaons 1

USE kaons neutral short-lived

kaons 2

USE kaons neutral long-lived

KAONS MINUS

*BT1 kaons

RT kaonium

KAONS NEUTRAL

*BT1 kaons

NT1 antikaons neutral

NT1 kaons neutral long-lived

NT1 kaons neutral short-lived

KAONS NEUTRAL LONG-LIVED

UF k02

UF kaons 2

*BT1 kaons neutral

KAONS NEUTRAL SHORT-LIVED

UF k01

UF kaons 1

*BT1 kaons neutral

KAONS PLUS

*BT1 kaons

RT kaonium

KAPITZA RESISTANCE

BT1 thermal boundary resistance

KAPL

UF knolls atomic power laboratory

*BT1 us aec

*BT1 us doe

*BT1 us erda

RT new york

kappa-725 resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE mesons

kapur-peierls method

USE peierls method

karachi nuclear power plant

USE kanupp reactor

karlsruhe (forschungszentrum)

1995-10-25

USE forschungszentrum karlsruhe

karlsruhe (kernforschungszentrum)

INIS: 1993-11-09; ETDE: 2002-02-28

USE forschungszentrum karlsruhe

KARLSRUHE CYCLOTRON

*BT1 isochronous cyclotrons

karlsruhe nuclear research center

2000-04-12

USE forschungszentrum karlsruhe

karlsruhe reprocessing plant

INIS: 1979-11-02; ETDE: 1979-02-23

Wiederaufarbeitungsanlage Karlsruhe.

USE wak

karlsruhe research reactor fr-2

2000-04-12

USE fr-2 reactor

KARTINI-PPNY REACTOR

INIS: 1996-11-11; ETDE: 1996-10-25
Yogyakarta, Indonesia.

- *BT1 research reactors
- *BT1 triga type reactors

KARYOTYPE

- RT acrocentric chromosomes
- RT chromosomal aberrations
- RT chromosomes
- RT genome mutations
- RT human chromosomes

kashiwazaki-1 reactor

INIS: 2000-04-12; ETDE: 1979-09-26
(Prior to September 1989 this was a valid ETDE descriptor.)

- USE kashiwazaki-kariwa-1 reactor

KASHIWAZAKI-KARIWA-1 REACTOR

INIS: 1987-01-28; ETDE: 1989-09-18
TEPCO, Kashiwazaki, Niigata, Japan.
(The form KASHIWAZAKI-1 REACTOR was used by INIS prior to January 1987 and by ETDE prior to September 1989.)

- UF kashiwazaki-1 reactor
- UF tokyo-denrioku k-1 reactor
- *BT1 bwr type reactors

KASHIWAZAKI-KARIWA-2 REACTOR

INIS: 1985-04-22; ETDE: 1985-05-07
TEPCO, Kashiwazaki, Niigata, Japan.
UF tokyo-denryoku k-2 reactor

- *BT1 bwr type reactors

KASHIWAZAKI-KARIWA-3 REACTOR

INIS: 1991-10-09; ETDE: 1994-08-10
TEPCO, Kashiwazaki, Niigata, Japan.

- *BT1 bwr type reactors

KASHIWAZAKI-KARIWA-4 REACTOR

INIS: 1990-12-21; ETDE: 1991-01-15
TEPCO, Kashiwazaki, Niigata, Japan.

- *BT1 bwr type reactors

KASHIWAZAKI-KARIWA-5 REACTOR

INIS: 1988-11-16; ETDE: 1988-12-02
TEPCO, Kashiwazaki, Niigata, Japan.

- *BT1 bwr type reactors

KASHIWAZAKI-KARIWA-6 REACTOR

INIS: 1989-09-14; ETDE: 1989-10-16
TEPCO, Kashiwazaki, Niigata, Japan.

- *BT1 bwr type reactors

KASHIWAZAKI-KARIWA-7 REACTOR

INIS: 1989-09-15; ETDE: 1989-10-16
TEPCO, Kashiwazaki, Niigata, Japan.

- *BT1 bwr type reactors

kasseri event

INIS: 2000-04-12; ETDE: 1977-06-21
USE anvil project

kawasaki-hitachi training reactor

- USE htr reactor

KAWERAU GEOTHERMAL FIELD

2000-04-12
BT1 geothermal fields
RT geothermal hot-water systems
RT new zealand

KAZAKHSTAN

INIS: 1997-11-07; ETDE: 1997-08-23
(Until January 1993, this was indexed by USSR. Between January 1997 and July 1997 the descriptor was spelled KAZAKSTAN.)

- UF kazakstan
- SF soviet union
- SF union of soviet socialist republics
- SF ussr
- BT1 asia
- BT1 developing countries
- RT aral sea
- RT caspian sea
- RT semipalatinsk test site
- RT urals

KAZAKHSTAN CYCLOTRON

INIS: 1997-07-30; ETDE: 1997-08-23
(Between January 1997 and July 1997 this descriptor was spelled KAZAKSTAN CYCLOTRON.)

- UF kazakstan cyclotron
- *BT1 isochronous cyclotrons

kazakhstan ewg-1 reactor

INIS: 2003-11-26; ETDE: 2003-12-03
Kurchatov city, East Kazakhstan.
USE ewg-1 reactor

kazakhstan igr reactor

INIS: 2003-11-26; ETDE: 2003-12-03
Kurchatov city, East Kazakhstan.
USE igr reactor

KAZAKHSTAN ORGANIZATIONS

INIS: 1999-07-20; ETDE: 1999-08-30
BT1 national organizations

kazakstan

INIS: 1997-07-30; ETDE: 1996-12-24
(From January 1997 until July 1997 this was a valid descriptor.)
USE kazakhstan

kazakstan cyclotron

INIS: 1997-07-30; ETDE: 1996-12-24
(From January 1997 until July 1997 this was a valid descriptor.)
USE kazakhstan cyclotron

KBR-1 REACTOR

1995-01-11
Soviet annular oscillator fast reactor.
UF cobra reactor
*BT1 fast reactors
*BT1 zero power reactors

KBW GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1982-12-23
Entrained flow coal gasification process under development by Koppers and Babcock and Wilcox.
*BT1 coal gasification

kcb reactor

Kernenergiecentrale borssele.
USE borssele reactor

kdf computers

1996-06-28
(Until June 1996 this was a valid descriptor.)
USE computers

KECEROVCE-1 REACTOR

INIS: 1990-01-29; ETDE: 1990-02-13
East Slovakia.
*BT1 wwer type reactors

keelson event

INIS: 2000-04-12; ETDE: 1977-06-21
USE anvil project

KEK

2016-07-11
(Tsukuba, Ibaraki, Japan)
UF high energy accelerator research organization
*BT1 japanese organizations
RT j-parc center

kek intersecting storage accelerator

INIS: 2000-04-12; ETDE: 1981-10-24
USE tristan storage rings

KEK LINAC

- *BT1 linear accelerators

KEK PHOTON FACTORY

INIS: 1984-07-20; ETDE: 1984-08-20
*BT1 synchrotron radiation sources
RT linear accelerators

KEK SYNCHROTRON

Japan National Laboratory for High Energy Physics Synchrotron.
UF tsukuba kek synchrotron
*BT1 synchrotrons

KEL-F

- *BT1 organic chlorine compounds
- *BT1 organic fluorine compounds
- *BT1 polyethylenes

KELLOGG PROCESS

2000-04-12
M. W. Kellogg company process for producing high-btu gas in which synthesis gas, produced by using molten salt (sodium carbonate) to provide heat and possibly catalyze the reaction, is methanated.
UF molten salt process (kellogg)
*BT1 coal gasification
BT1 sng processes
RT high btu gas

kellogg rust westinghouse process

INIS: 2000-04-12; ETDE: 1985-07-19
USE krw gasification process

kelp

INIS: 1992-01-13; ETDE: 1976-12-15
USE seaweeds

kelvin-helmholtz instability

- USE helmholtz instability

kema suspension test reactor

- USE kstr reactor

KENNEBEC RIVER

INIS: 1992-06-04; ETDE: 1980-10-27
*BT1 rivers
RT maine

KENTUCKY

1997-06-19
*BT1 usa
RT chattanooga formation
RT cumberland river
RT illinois basin
RT mississippi river
RT ohio river
RT paducah plant
RT shawnee steam plant
RT tennessee river
RT tennessee valley region

KENYA

- BT1 africa
- BT1 developing countries

kepc oshima oi-1 reactor

- USE oi-1 reactor

kepc oshima oi-2 reactor

USE oi-2 reactor

KEPONE

INIS: 2000-04-12; ETDE: 1978-09-11

*BT1 insecticides

RT organic chlorine compounds

KERATIN

*BT1 scleroproteins

KERMA

Total kinetic energy of charged particles
produced by ionizing radiation per unit mass
of irradiated material in ergs per gram.

RT ionization

RT kinetic energy

RT radiation doses

KERNELS

NT1 point kernels

RT integral equations

kernels (fuel)

USE fuel particles

kernels (slowing-down)

USE slowing-down kernels

kernenergiecentrale borssele reactor

INIS: 1984-06-21; ETDE: 2002-03-09

USE borssele reactor

kernforschungsanlage juelich

1995-04-13

(Until March 1995 this was a valid descriptor.)

USE forschungszentrum juelich

kernforschungszentrum karlsruhe

1995-10-25

(Prior to October 1995 this was a valid ETDE descriptor.)

USE forschungszentrum karlsruhe

kernfysisch versneller instituut

INIS: 1977-09-06; ETDE: 1977-10-19

USE kvi

**kernfysisch versneller instituut
cyclotron**

INIS: 1993-11-09; ETDE: 2002-02-28

USE kvi cyclotron

kernkraftwerk biblis

USE biblis-1 reactor

kernkraftwerk biblis-3

INIS: 1976-10-07; ETDE: 1976-11-02

USE biblis-3 reactor

kernkraftwerk biblis-4

INIS: 1976-10-07; ETDE: 1976-11-02

USE biblis-4 reactor

kernkraftwerk biblis-a

INIS: 1976-10-07; ETDE: 2002-03-01

USE biblis-1 reactor

kernkraftwerk biblis-b

INIS: 1976-10-07; ETDE: 2002-03-01

USE biblis-2 reactor

kernkraftwerk brokdorf

INIS: 1976-09-06; ETDE: 1976-11-02

USE brokdorf reactor

kernkraftwerk emsland

INIS: 1980-02-26; ETDE: 1980-03-29

USE emsland reactor

kernkraftwerk goesgen-daeniken

USE goesgen reactor

kernkraftwerk isar

USE isar reactor

kernkraftwerk isar-2

INIS: 2000-04-12; ETDE: 1982-10-05

USE isar-2 reactor

kernkraftwerk lingen

USE lingen reactor

kernkraftwerk niederaichbach

USE niederaichbach reactor

kernkraftwerk obrigheim

USE obrigheim reactor

kernkraftwerk philippsburg-1

USE philippsburg-1 reactor

kernkraftwerk philippsburg-2

USE philippsburg-2 reactor

kernkraftwerk rwe-bayernwerk

USE rwe-bayernwerk reactor

kernkraftwerk stade

USE stade reactor

kernkraftwerk vahnum-1

INIS: 1977-02-08; ETDE: 2002-02-28

USE vahnum-1 reactor

kernkraftwerk vahnum-2

INIS: 1977-02-08; ETDE: 2002-02-28

USE vahnum-2 reactor

kernkraftwerk wuergassen

USE wuergassen reactor

KEROGEN

1999-09-01

Solid, bituminous mineraloid substance in oil
shales that yields oil when shales undergo
destructive distillation.

*BT1 bituminous materials

*BT1 organic matter

RT oil shales

RT shale oil

KEROSENE

*BT1 gas oils

*BT1 liquid fuels

RT automotive fuels

KERR EFFECT

*BT1 dielectric properties

RT magneto-optical effects

RT polarization

RT visible radiation

KERR FIELD

BT1 gravitational fields

RT axial symmetry

RT black holes

RT einstein field equations

RT kerr metric

KERR METRIC

BT1 metrics

RT kerr field

KETENES

*BT1 organic oxygen compounds

RT carboxylic acids

KETO ACIDS

For carboxylic acids only.

UF oxocarboxylic acids

*BT1 carboxylic acids

NT1 acetoacetic acid

NT1 kynurenine

NT1 levulinic acid

NT1 pyruvic acid

ketobutyric acid-beta

USE acetoacetic acid

KETONES

1996-10-23

(Most of the UF terms below have been valid ETDE descriptors.)

UF acridones

UF aminopropiophenone-para

UF dianabol

UF ndpp

UF ninhydrin

UF papp

UF phloredzin

UF phlorhizin

UF phlorizin

UF triketohydrindane

UF violanthrone

BT1 organic compounds

NT1 2-3-pentanedione

NT1 acetone

NT1 acetophenone

NT1 acetylacetone

NT1 androstenedione

NT1 androsterone

NT1 benzophenone

NT1 camphor

NT1 corticosteroids

NT2 glucocorticoids

NT3 corticosterone

NT3 cortisone

NT3 dexamethasone

NT3 hydrocortisone

NT3 prednisolone

NT3 prednisone

NT2 mineralocorticoids

NT3 aldosterone

NT1 curcumin

NT1 cyclohexanone

NT1 estrone

NT1 fructose

NT1 hydroxyandrostene

NT1 hydroxypregnenone

NT1 hydroxypropiophenone

NT1 methyl isobutyl ketone

NT1 progesterone

NT1 ribulose

NT1 sorbose

NT1 testosterone

NT1 triacetoneamine-n-oxyl

NT1 tropones

NT1 tta

RT enols

RT hydrazones

RT imines

RT luminol

RT oximes

RT quinones

RT semicarbazones

ketopropionic acid-alpha

USE pyruvic acid

ketosteroids (urinary)

USE urinary ketosteroids

ketovaleric acid-gamma

USE levulinic acid

KEV RANGE

BT1 energy range

NT1 kev range 01-10

NT1 kev range 10-100

NT1 kev range 100-1000

KEV RANGE 01-10

*BT1 kev range

KEV RANGE 10-100

*BT1 kev range

KEV RANGE 100-1000

*BT1 kev range

kevlar

INIS: 2000-04-12; ETDE: 1978-07-06

USE aramids

KEWAUNEE REACTOR

Nuclear Management Corp, Carlton,
Wisconsin, USA. Permanent shutdown since
2013.

UF carlton power reactor

UF wisconsin public service power
reactor

*BT1 pwr type reactors

KEWB REACTOR

US ERDA/Atomics International Div.,
Rockwell International, Santa Susana,
California, USA. Shut down in 1967;
dismantled in 1975.

UF kinetic experiment water boiler

*BT1 aqueous homogeneous reactors

KEY LAKE MINE

1991-07-02

*BT1 uranium mines

RT saskatchewan

kfki reactor

INIS: 2000-04-12; ETDE: 1975-07-29

USE wwr-s-budapest reactor

KGRA

INIS: 2000-04-12; ETDE: 1976-05-17

UF known geothermal resource area

NT1 klamath falls

NT1 roosevelt hot springs

NT1 wendell-amedee hot springs

RT geothermal fields

KHALATNIKOV THEORY

RT superfluidity

RT thermodynamics

KHARKOV LINAC

*BT1 linear accelerators

khmelnitski-1 reactor

2017-10-30

USE khmelnitskij-1 reactor

khmelnitski-2 reactor

2017-10-30

USE khmelnitskij-2 reactor

KHMELNITSKIY-1 REACTOR

INIS: 1989-09-14; ETDE: 1989-10-16

Ukraine.Netishyn, Khmelnytskyi, Ukraine.

UF khmelnitski-1 reactor

*BT1 wwer type reactors

KHMELNITSKIY-2 REACTOR

2017-10-30

Netishyn, Khmelnytskyi, Ukraine.

UF khmelniiski-2 reactor

*BT1 wwer type reactors

khuri representation

1996-07-18

(Until July 1996 this was a valid descriptor.)

SEE dispersion relations

SEE mandelstam representation

SEE scattering

KHZ RANGE

BT1 frequency range

NT1 khz range 01-100

NT1 khz range 100-1000

KHZ RANGE 01-100

*BT1 khz range

KHZ RANGE 100-1000

*BT1 khz range

KICKER MAGNETS

INIS: 1999-07-02; ETDE: 1979-05-25

Magnets used to deflect charged-particle
beam for extraction from an accelerator.

*BT1 magnets

RT beam extraction

RT beam optics

kicksorters

USE pulse analyzers

kidney stones

USE calculi

USE kidneys

KIDNEYS

UF kidney stones

UF mechanical kidney

*BT1 organs

NT1 glomeruli

NT1 tubules

RT blood circulation

RT calculi

RT diuretics

RT excretion

RT nephrectomy

RT nephritis

RT nephrosclerosis

RT renal clearance

RT renin

RT renography

RT uremia

RT urinary tract

RT urine

RT urogenital system diseases

kieselguhr

1992-11-03

USE diatomaceous earth

KIEV CYCLOTRON

INIS: 1981-12-23; ETDE: 1982-02-09

*BT1 isochronous cyclotrons

kiev wwr-m reactor

INIS: 1984-06-21; ETDE: 2002-02-28

USE wwr-m-kiev reactor

kihara core

USE kihara potential

KIHARA POTENTIAL

UF kihara core

UF kihara theory

BT1 potentials

RT atoms

RT molecules

kihara theory

USE kihara potential

KIKUCHI LINES

RT crystal structure

RT dislocations

RT electron diffraction

KILAUEA VOLCANO

INIS: 1992-06-04; ETDE: 1977-12-22

BT1 volcanoes

RT hawaii

kiln incinerators

1992-03-17

USE incinerators

KILNGAS PROCESS

INIS: 2000-04-12; ETDE: 1981-09-22

Low btu gasification process being developed
by Allis-Chalmers based on a rotary ported
kiln concept.

*BT1 coal gasification

KILNS

INIS: 1992-03-17; ETDE: 1977-09-19

Heated enclosures used for drying, burning,
or firing materials.

NT1 solar kilns

RT furnaces

KILO AMP BEAM CURRENTS

From 1000 to 10 exp 6 amp.

*BT1 beam currents

KILO BQ RANGE

2012-05-31

BT1 radioactivity range

NT1 kilo bq range 01-10

NT1 kilo bq range 10-100

NT1 kilo bq range 100-1000

KILO BQ RANGE 01-10

2012-05-31

*BT1 kilo bq range

KILO BQ RANGE 10-100

2012-05-31

*BT1 kilo bq range

KILO BQ RANGE 100-1000

2012-05-31

*BT1 kilo bq range

KILO GY RANGE

2012-05-30

*BT1 absorbed dose range

KILOWATT POWER RANGE

INIS: 1988-04-15; ETDE: 1989-08-10

BT1 power range

NT1 power range 01-10 kw

NT1 power range 10-100 kw

NT1 power range 100-1000 kw

KIMBERLITES

*BT1 lamprophyres

*BT1 peridotites

RT apatites

RT mica

RT olivine

RT oxide minerals

RT perovskite

RT silicate minerals

kinases

INIS: 2000-04-12; ETDE: 1986-04-10

USE phosphotransferases

kinases (phosphotransferases)

USE phosphotransferases

kinematics (particle)

USE particle kinematics

KINETIC ENERGY

BT1 energy

NT1 transverse energy

RT angular momentum

RT cold fission

RT kerma

RT lagrangian function

RT linear momentum

RT moment of inertia

RT motion

RT particle rapidity

RT potential energy

RT velocity

RT virial theorem

KINETIC EQUATIONS

1996-07-18

For reactor kinetics see *REACTOR KINETICS*
EQUATIONS.

- BT1 equations
- NT1 boltzmann equation
- RT collisions
- RT gases
- RT plasma
- RT statistical mechanics

kinetic experiment water boiler

1993-11-09

- USE kewb reactor

kinetic intense neutron generator

- USE king reactor

KINETICS

- NT1 radionuclide kinetics
- NT1 reaction kinetics
- NT2 biochemical reaction kinetics
- NT3 cpb
- NT2 chemical reaction kinetics
- NT3 combustion kinetics
- NT2 nuclear reaction kinetics
- NT1 reactor kinetics
- RT collisions
- RT deck effect
- RT dynamics
- RT gases
- RT mechanics
- RT motion
- RT statistical mechanics
- RT translocation

kinetics equations (reactor)

- USE reactor kinetics equations

KINETIN

- UF 6-furfurylaminopurine
- *BT1 adenines
- RT furans
- RT plant growth
- RT plant growth regulators

KING REACTOR

LANL, Los Alamos, New Mexico, USA.

- UF kinetic intense neutron generator
- *BT1 research reactors

KINGSTON STEAM PLANT

INIS: 1992-06-04; ETDE: 1981-11-10

- *BT1 fossil-fuel power plants
- RT tennessee
- RT tennessee valley authority

kininogenin

INIS: 2000-04-12; ETDE: 1981-01-12

(Prior to November 1990 this was a valid
ETDE descriptor.)

- USE kallikrein

KININS

- *BT1 polypeptides
- NT1 bradykinin

KINK INSTABILITY

- *BT1 plasma macroinstabilities
- RT sawtooth oscillations

kinki university utr-10 reactor

2000-04-12

- USE utr-10-kinki reactor

KINSHASA

2000-04-12

- *BT1 democratic republic of the congo

KIPT NEUTRON SOURCE FACILITY

2016-06-09

Kharkov Institute of Physics and Technology,
Kharkov, Ukraine

- *BT1 spallation neutron source facilities

KIRCHHEIMERITE

2000-04-12

- *BT1 oxide minerals
- *BT1 uranium minerals
- RT arsenic oxides
- RT cobalt oxides
- RT uranium oxides

KIRIBATI

INIS: 1991-03-22; ETDE: 1991-04-09

- *BT1 micronesia
- RT pacific ocean

KIRKENDALL EFFECT

- RT diffusion

KISLOGUBSK POWER PLANT

2000-04-12

- *BT1 tidal power plants

kisslinger model

INIS: 1976-02-11; ETDE: 2002-02-28

- USE optical models

KISSLINGER-SORENSEN THEORY

- RT nuclear models
- RT superconductivity

KITES

2007-05-16

Small heavier-than-air craft flown in the wind
at the end of a string or similar tether; NOT
for the species of hawk with this name.

- BT1 aircraft

KIVITER PROCESS

INIS: 2000-04-12; ETDE: 1977-03-08

Coarsely sized shale is processed in downflow
retort, with the raw shale preheating section
near the top. Hot recycle gases and gas
burner provide heat.

- RT oil shales

KIWI REACTORS

1985-07-18

(Prior to August 1985 KIWI TYPE
REACTORS was used.)

- UF kiwi type reactors
- *BT1 hydrogen cooled reactors
- *BT1 space propulsion reactors
- NT1 kiwi-tnt reactor

KIWI-TNT REACTOR

2000-04-12

LANL, Los Alamos, New Mexico, USA. Shut
down in 1965.

- UF kiwi-transient test reactor
- UF tntr-kiwi
- UF transient nuclear test reactor-kiwi
- *BT1 experimental reactors
- *BT1 kiwi reactors

kiwi-transient test reactor

2000-04-12

- USE kiwi-tnt reactor

kiwi type reactors

INIS: 1985-07-18; ETDE: 1980-05-23

(Prior to August 1985 this was a valid
descriptor.)

- USE kiwi reactors

KIZILDERE GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1976-07-07

- BT1 geothermal fields
- RT turkey

KJELDAHL METHOD

RT nitrogen

RT quantitative chemical analysis

kkb reactor

1999-04-14

- SEE brunsbuettel reactor

kki isar

- USE isar reactor

kki isar-2

INIS: 2000-04-12; ETDE: 1982-10-05

- USE isar-2 reactor

kkk reactor

- USE kruemmel reactor

kkn reactor

- USE niederaichbach reactor

kkp-1 philippsburg reactor

- USE philippsburg-1 reactor

kkp-2 philippsburg reactor

- USE philippsburg-2 reactor

kks reactor

- USE stade reactor

kku reactor

- USE unterweser reactor

kkw greifswald-1 reactor

INIS: 1984-04-04; ETDE: 2002-02-28

- USE greifswald-1 reactor

kkw greifswald-2 reactor

INIS: 1984-04-04; ETDE: 2002-02-28

- USE greifswald-2 reactor

kkw greifswald-3 reactor

INIS: 1984-04-04; ETDE: 2002-02-28

- USE greifswald-3 reactor

kkw greifswald-4 reactor

INIS: 1984-04-04; ETDE: 2002-02-28

- USE greifswald-4 reactor

kkw greifswald-5 reactor

2002-03-04

- USE greifswald-5 reactor

kkw greifswald-6 reactor

2002-03-04

- USE greifswald-6 reactor

KLAMATH FALLS

INIS: 2000-04-12; ETDE: 1982-02-11

- BT1 kgra
- RT geothermal fields
- RT oregon

KLEBSIELLA

INIS: 1993-07-15; ETDE: 1979-07-18

- *BT1 bacteria

KLEIN-GORDON EQUATION

- *BT1 field equations
- *BT1 wave equations
- RT quantum mechanics

KLEIN-NISHINA FORMULA

- RT compton effect

**KLOCKNER-IRON BATH COAL
GASIFICATION PROCESS**

INIS: 2000-04-12; ETDE: 1993-08-10

Gasification in a liquid iron bath under
pressure containing sulfur fixation agent with
coal and oxygen fed from the bottom.

- *BT1 coal gasification

KLT-40 REACTORS

2019-06-24

- *BT1 enriched uranium reactors
- *BT1 pwr type reactors
- *BT1 small modular reactors
- RT ns sevmorput

KLT-40M REACTORS

2019-06-24

- *BT1 enriched uranium reactors
- *BT1 pwr type reactors
- *BT1 small modular reactors
- RT ns taymyr
- RT ns vaygach

KLT-40S REACTOR

2019-06-17

- *BT1 pwr type reactors
- *BT1 small modular reactors
- RT akademik lomonosov powership

KLYSTRONS

- *BT1 microwave tubes
- RT gyrocons
- RT magnetrons
- RT power supplies
- RT rf systems

kmr reactor

INIS: 1999-01-26; ETDE: 1991-07-30

(From July 1991 to January 1999 this was a valid descriptor.)

- USE hanaro reactor

KNIGHT EFFECT

- RT spectral shift

KNIGHT SHIFT

- RT nuclear magnetic resonance
- RT spectral shift

knipp-bloch theory

- USE knipp-uhlenbeck theory

KNIPP-UHLENBECK THEORY

- UF knipp-bloch theory
- RT beta decay

KNK-2 REACTOR

Forschungszentrum Karlsruhe, Baden-Wuerttemberg, Federal Republic of Germany. Permanent shutdown since 1991.

- *BT1 enriched uranium reactors
- *BT1 experimental reactors
- *BT1 fast reactors
- *BT1 power reactors
- *BT1 sodium cooled reactors
- *BT1 szr type reactors

KNK REACTOR

Forschungszentrum Karlsruhe, Baden-Wuerttemberg, Federal Republic of Germany. UF kompakte natriumgekuehlte reaktor

- *BT1 enriched uranium reactors
- *BT1 experimental reactors
- *BT1 power reactors
- *BT1 sodium cooled reactors
- *BT1 szr type reactors
- *BT1 thermal reactors

KNOCK CONTROL

INIS: 1999-05-12; ETDE: 1981-03-16

- BT1 control
- RT antiknock ratings
- RT autoignition
- RT automotive fuels
- RT combustion
- RT control equipment
- RT internal combustion engines

KNOCK-ON

- RT recoils

knock-on electrons

- USE electrons

KNOCK-ON REACTIONS

- *BT1 direct reactions
- RT knock-out reactions

KNOCK-OUT REACTIONS

- *BT1 direct reactions
- RT knock-on reactions
- RT recoils

knolls atomic power laboratory

- USE kapl

KNOOP HARDNESS

- RT hardness

KNOWLEDGE BASE

INIS: 1991-12-11; ETDE: 1985-09-24
Facts, assumptions, beliefs, and heuristics; used in dealing with a data base to achieve desired results such as a diagnosis, an interpretation or a solution to a problem.

- RT artificial intelligence
- RT expert systems
- RT knowledge management
- RT programming

KNOWLEDGE MANAGEMENT

2005-10-27

Integrated and systematic approach to identifying, collecting, maintaining and sharing knowledge, and enabling the creation of new knowledge.

- BT1 management
- NT1 knowledge preservation
- RT information dissemination
- RT information retrieval
- RT information systems
- RT knowledge base

KNOWLEDGE PRESERVATION

2005-10-27

- *BT1 knowledge management
- RT documentation

known geothermal resource area

INIS: 2000-04-12; ETDE: 1976-05-27

- USE kgra

knu-10 reactor

1991-07-02

knu-9 reactor

1991-07-02

knudsen effusion

- USE knudsen flow

KNUDSEN FLOW

- UF knudsen effusion
- UF knudsen number
- *BT1 gas flow
- RT vapor pressure

KNUDSEN GAGES

- *BT1 vacuum gages

knudsen number

- USE knudsen flow

KOBAYASHI-MASKAWA MATRIX

INIS: 1984-01-18; ETDE: 1984-02-10
Matrix describing the mixing between the three quark-lepton generations (u, d, e), (c, s, mu) and (t, b, tau) as a generalization of Cabibbo mixing with allowance of CP violation in the charged-current transition amplitude.

- UF mixing matrix (kobayashi-maskawa)
- BT1 matrices
- RT cabibbo angle

- RT configuration mixing
- RT cp invariance
- RT flavor model
- RT standard model

KOEBERG-1 REACTOR

INIS: 1975-11-07; ETDE: 1975-12-16
Duynefontein, Cape, South Africa.

- UF escom-1 reactor
- *BT1 pwr type reactors

KOEBERG-2 REACTOR

INIS: 1982-01-14; ETDE: 1978-02-14
*BT1 pwr type reactors

KOLA-1 REACTOR

INIS: 1981-10-15; ETDE: 1978-06-14
*BT1 wwer type reactors

KOLA-2 REACTOR

INIS: 1981-10-15; ETDE: 1978-06-14
*BT1 wwer type reactors

KOLA-3 REACTOR

INIS: 1981-10-15; ETDE: 1981-11-10
*BT1 wwer type reactors

KOLA-4 REACTOR

INIS: 1981-10-15; ETDE: 1981-11-10
*BT1 wwer type reactors

kolmogorov equation

2000-03-28

(Prior to March 1996 this was a valid ETDE descriptor.)

- SEE chapman-kolmogorov equation
- SEE fokker-planck equation

kompakte natriumgekuehlte reaktor

- USE knk reactor

KONDO EFFECT

- RT antiferromagnetic materials

KONEL

2000-04-12

- *BT1 chromium alloys
- *BT1 cobalt alloys
- *BT1 iron alloys
- *BT1 nickel base alloys
- *BT1 titanium alloys

KONRAD ORE MINE

INIS: 1989-11-24; ETDE: 1989-12-08

- *BT1 mines
- *BT1 radioactive waste facilities
- RT intermediate-level radioactive wastes
- RT low-level radioactive wastes
- RT shaft excavations
- RT underground disposal

KOONGARRA DEPOSIT

INIS: 1978-07-03; ETDE: 1978-08-07

- *BT1 uranium deposits
- RT northern territory
- RT uranium ores

KOPPERS PROCESS

2000-04-12

A process for production of water gas or synthesis gas from coal dust.

- *BT1 coal gasification

KOPPERS-TOTZEK PROCESS

2000-04-12

A process in which all types of coal can be reacted at atmospheric pressure and 3300 degrees F with steam and oxygen in a gasifier (a refractory-lined, horizontal, cylindrical vessel with conical ends) to produce intermediate- or high-btu gas.

- *BT1 coal gasification
- RT sng processes

koppers vacuum carbonate process

INIS: 2000-04-12; ETDE: 1977-08-09

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

korea (north)

USE north korea

korea (south)

USE republic of korea

korea advanced energy research institute

INIS: 1993-11-09; ETDE: 1982-02-09

USE kaeri

korea atomic energy research institute

INIS: 1993-11-09; ETDE: 2000-10-13

USE kaeri

KOREAN ORGANIZATIONS

INIS: 1981-12-23; ETDE: 1982-02-09

BT1 national organizations

NT1 kaeri

korean triga-mk-2 reactor

2000-04-12

USE triga-2-seoul reactor

korean triga-mk-3 reactor

2000-04-12

USE triga-3-seoul reactor

KORI-1 REACTOR

UF pusan kori-1 reactor

*BT1 pwr type reactors

KORI-2 REACTOR

INIS: 1986-09-26; ETDE: 1977-04-12

UF pusan kori-2 reactor

*BT1 pwr type reactors

KORI-3 REACTOR

1995-01-04

UF pusan kori-3 reactor

*BT1 pwr type reactors

KORI-4 REACTOR

1995-01-04

UF pusan kori-4 reactor

*BT1 pwr type reactors

KORTEWEG-DE VRIES EQUATION

*BT1 partial differential equations

KOSHKONONG-1 REACTOR

Wisconsin Electric Power Co., Haven, Wisconsin, USA. As of July 1978 known as HAVEN-1 REACTOR, and from that date material is so indexed. Canceled in 1980.

*BT1 haven-1 reactor

KOSHKONONG-2 REACTOR

Wisconsin Electric Power Co., Haven, Wisconsin, USA. As of July 1978 known as HAVEN-2 REACTOR, and from that date material is so indexed. Canceled in 1978.

*BT1 haven-2 reactor

KOSMOS SATELLITES

BT1 satellites

RT interkosmos satellites

RT proton satellites

KOSSEL METHOD

RT laue method

KOSTERLITZ-THOULESS THEORY

INIS: 1992-01-08; ETDE: 1991-03-04

RT high-tc superconductors

RT phase transformations

RT superconductivity

RT superfluidity

KOVAR

1993-10-03

*BT1 alloy-fe53ni29co18

KOZLODUY-1 REACTOR

1990-12-06

Ministry of Energy, Kozloduy, Bulgaria.

Permanent shutdown since 2002.

(Prior to December 1990, this descriptor was spelled KOZLODUJ-1 REACTOR by INIS.)

*BT1 wwer type reactors

KOZLODUY-2 REACTOR

1990-12-06

Ministry of Energy, Kozloduy, Bulgaria.

Permanent shutdown since 2002.

(Prior to December 1990, this descriptor was spelled KOZLODUJ-2 REACTOR by INIS.)

*BT1 wwer type reactors

KOZLODUY-3 REACTOR

INIS: 1990-12-06; ETDE: 1991-01-15

Ministry of Energy, Kozloduy, Bulgaria.

Permanent shutdown since 2006.

(Prior to December 1990, this descriptor was spelled KOZLODUJ-3 REACTOR by INIS.)

*BT1 wwer type reactors

KOZLODUY-4 REACTOR

INIS: 1993-05-04; ETDE: 1994-08-10

Ministry of Energy, Kozloduy, Bulgaria.

Permanent shutdown since 2006.

*BT1 wwer type reactors

KOZLODUY-5 REACTOR

INIS: 1993-02-09; ETDE: 1993-03-04

Ministry of Energy, Kozloduy, Bulgaria.

*BT1 wwer type reactors

KOZLODUY-6 REACTOR

INIS: 1993-05-04; ETDE: 1994-08-10

Ministry of Energy, Kozloduy, Bulgaria.

*BT1 wwer type reactors

KRAFLA GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1978-04-05

BT1 geothermal fields

RT iceland

KRAMERS-KRONIG CORRELATION

BT1 correlations

KRAMERS THEOREM

RT quantum mechanics

krb ii-b reactor

INIS: 1975-08-20; ETDE: 1976-05-19

USE gundremmingen-2 reactor

krb ii-c reactor

INIS: 1975-08-20; ETDE: 1976-05-19

USE gundremmingen-3 reactor

krb reactor

USE rwe-bayernwerk reactor

KREBS CYCLE

BT1 biological pathways

RT metabolism

RT metabolites

RT mitochondria

RT respiration

KRIGING

INIS: 1993-04-21; ETDE: 1983-10-11

A statistical method for estimating spatial and/or temporal distribution of a material based on the theory of regionalized variables.

SF geostatistics

*BT1 statistics

RT geologic surveys

RT statistical models

RT weighting functions

kritische anlage zum htr

INIS: 2000-04-12; ETDE: 1975-11-26

USE kahter reactor

krito critical assembly

USE stek reactor

KRITZ REACTOR

1993-02-10

Studsvik High Temperature Critical Facility.

Decommissioned since 1985.

*BT1 zero power reactors

KROLL PROCESS

RT reduction

RT titanium

KROLL-RUDERMAN THEOREM

1989-02-24

(Prior to March, 1989, this descriptor was spelled KROLL-RUDERMANN

THEOREM.)

RT photoproduction

krov machine

2000-04-12

Keller roto-oscillating vane rotary vane and piston machine.

(Prior to April 1994, this was a valid ETDE descriptor.)

SEE rotary engines

SEE rotors

SEE turbines

KRSKO REACTOR

1997-11-03

Krsko, Slovenia.

*BT1 pwr type reactors

KRUEMMEL REACTOR

Geesthacht, Federal Republic of Germany.

Permanent shutdown since August 2011.

UF kkk reactor

*BT1 bwr type reactors

KRUSKAL LIMIT

RT electric currents

RT stellarators

KRW GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1985-07-19

Formerly WESTINGHOUSE GASIFICATION process; Kellogg Rust is majority owner.

UF kellogg rust westinghouse process

*BT1 coal gasification

RT westinghouse gasification process

KRYPTON

*BT1 rare gases

KRYPTON 100

2007-11-13

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 krypton isotopes

KRYPTON 69

INIS: 1998-09-23; ETDE: 1997-06-28

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 krypton isotopes

KRYPTON 70

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 krypton isotopes

KRYPTON 71

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 milliseconds living radioisotopes

KRYPTON 72

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 seconds living radioisotopes

KRYPTON 73

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 seconds living radioisotopes

KRYPTON 74

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 minutes living radioisotopes

KRYPTON 75

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 minutes living radioisotopes

KRYPTON 76

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes

KRYPTON 76 TARGET

INIS: 1992-09-22; ETDE: 1985-05-31
BT1 targets

KRYPTON 77

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes

KRYPTON 77 TARGET

INIS: 1992-09-22; ETDE: 1985-05-31
BT1 targets

KRYPTON 78

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 stable isotopes

KRYPTON 78 TARGET

INIS: 1977-01-25; ETDE: 1976-09-28
BT1 targets

KRYPTON 79

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 krypton isotopes

- *BT1 seconds living radioisotopes

KRYPTON 80

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 stable isotopes

KRYPTON 80 REACTIONS

INIS: 1986-10-29; ETDE: 1986-11-20
*BT1 heavy ion reactions

KRYPTON 80 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09
BT1 targets

KRYPTON 81

- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 krypton isotopes
- *BT1 seconds living radioisotopes
- *BT1 years living radioisotopes

KRYPTON 82

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 stable isotopes

KRYPTON 82 REACTIONS

INIS: 1987-05-26; ETDE: 1987-06-09
*BT1 heavy ion reactions

KRYPTON 82 TARGET

INIS: 1977-01-25; ETDE: 1976-09-28
BT1 targets

KRYPTON 83

- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 krypton isotopes
- *BT1 stable isotopes
- RT krypton 83 reactions

KRYPTON 83 REACTIONS

- *BT1 heavy ion reactions
- RT krypton 83

KRYPTON 83 TARGET

INIS: 1977-01-25; ETDE: 1976-09-28
BT1 targets

KRYPTON 84

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 krypton isotopes
- *BT1 microseconds living radioisotopes
- *BT1 stable isotopes
- RT krypton 84 reactions

KRYPTON 84 BEAMS

- *BT1 ion beams

KRYPTON 84 REACTIONS

- *BT1 heavy ion reactions
- RT krypton 84

KRYPTON 84 TARGET

ETDE: 1976-07-12
BT1 targets

KRYPTON 85

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 krypton isotopes

- *BT1 microseconds living radioisotopes
- *BT1 years living radioisotopes

KRYPTON 85 TARGET

INIS: 1985-11-18; ETDE: 1977-03-04
BT1 targets

KRYPTON 86

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 krypton isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 stable isotopes

KRYPTON 86 BEAMS

INIS: 1979-09-18; ETDE: 1979-10-23
*BT1 ion beams

KRYPTON 86 REACTIONS

INIS: 1976-10-29; ETDE: 1976-12-16
*BT1 heavy ion reactions

KRYPTON 86 TARGET

ETDE: 1976-07-09
BT1 targets

KRYPTON 87

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes

KRYPTON 88

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes

KRYPTON 89

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 minutes living radioisotopes

KRYPTON 90

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 seconds living radioisotopes

KRYPTON 91

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 seconds living radioisotopes

KRYPTON 92

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 seconds living radioisotopes

KRYPTON 93

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 seconds living radioisotopes

KRYPTON 94

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 milliseconds living radioisotopes

KRYPTON 95

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 milliseconds living radioisotopes

KRYPTON 96

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes

KRYPTON 97

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 nanoseconds living radioisotopes

KRYPTON 98

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes

KRYPTON 99

2007-11-13

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 krypton isotopes
- *BT1 milliseconds living radioisotopes

KRYPTON BROMIDES

INIS: 2000-04-12; ETDE: 1980-11-08

- *BT1 bromides
- *BT1 krypton halides

KRYPTON CHLORIDE LASERS

INIS: 2000-04-12; ETDE: 1984-08-20

- *BT1 excimer lasers

KRYPTON CHLORIDES

- *BT1 chlorides
- *BT1 krypton halides

KRYPTON COMPLEXES

- BT1 complexes

KRYPTON COMPOUNDS

1997-06-17

- UF kryptonates
- BT1 rare gas compounds
- NT1 krypton halides
 - NT2 krypton bromides
 - NT2 krypton chlorides
 - NT2 krypton fluorides
- NT1 krypton hydrides
- NT1 krypton oxides

KRYPTON FLUORIDE LASERS

INIS: 1986-01-21; ETDE: 1984-08-06

- *BT1 excimer lasers
- RT aurora facility

KRYPTON FLUORIDES

- *BT1 fluorides
- *BT1 krypton halides

KRYPTON HALIDES

2012-07-19

- *BT1 halides
- *BT1 krypton compounds
- NT1 krypton bromides
- NT1 krypton chlorides
- NT1 krypton fluorides

KRYPTON HYDRIDES

- *BT1 hydrides
- *BT1 krypton compounds

KRYPTON IONS

- *BT1 ions

KRYPTON ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 krypton 100
- NT1 krypton 69
- NT1 krypton 70
- NT1 krypton 71
- NT1 krypton 72
- NT1 krypton 73
- NT1 krypton 74
- NT1 krypton 75
- NT1 krypton 76
- NT1 krypton 77
- NT1 krypton 78
- NT1 krypton 79
- NT1 krypton 80
- NT1 krypton 81
- NT1 krypton 82
- NT1 krypton 83
- NT1 krypton 84
- NT1 krypton 85
- NT1 krypton 86
- NT1 krypton 87
- NT1 krypton 88
- NT1 krypton 89
- NT1 krypton 90
- NT1 krypton 91
- NT1 krypton 92
- NT1 krypton 93
- NT1 krypton 94
- NT1 krypton 95
- NT1 krypton 96
- NT1 krypton 97
- NT1 krypton 98
- NT1 krypton 99

KRYPTON OXIDES

- *BT1 krypton compounds
- *BT1 oxides

kryptonates

- USE krypton compounds

ks-150 reactor

- USE bohunice a-1 reactor

KSTR REACTOR

- Keuring van Electrotechnische Materialen N.V., Arnhem, Netherlands. Shut down 05/1977. Fuel shipped to Oak Ridge Nat'l Lab 1979. Decommissioned 1997-2003.
- UF kema suspension test reactor
- *BT1 aqueous homogeneous reactors
- *BT1 materials testing reactors
- *BT1 research reactors

KT-2 TOKAMAK

- INIS: 1997-10-13; ETDE: 2001-06-11
- KAERI, Daejeon, Republic of Korea.
- *BT1 tokamak devices

KUBO FORMULA

- UF kubo method
- UF kubo theory
- RT statistical mechanics

kubo method

- USE kubo formula

kubo theory

- USE kubo formula

KUCA REACTOR

- INIS: 1983-10-14; ETDE: 1976-06-07
- Kyoto Univ., Kumatori, Osaka, Japan.
- UF kyoto university critical assembly reactor
- *BT1 enriched uranium reactors
- *BT1 graphite moderated reactors
- *BT1 water moderated reactors
- *BT1 zero power reactors

KUDANKULAM-1 REACTOR

2005-07-22

- Nuclear Power Corporation of India Ltd., Kudankulam, Tamil Nadu, India.
- *BT1 wwrr type reactors

KUDANKULAM-2 REACTOR

2005-07-22

- Nuclear Power Corporation of India Ltd., Kudankulam, Tamil Nadu, India.
- *BT1 wwrr type reactors

KUHR REACTOR

1979-11-02

- Kyoto Univ., Kumatori, Osaka, Japan.
- UF kyoto university high flux reactor
- *BT1 enriched uranium reactors
- *BT1 isotope production reactors
- *BT1 research reactors
- *BT1 thermal reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

KUOSHENG-1 REACTOR

INIS: 1978-02-23; ETDE: 1976-03-25

- *BT1 bwr type reactors

KUOSHENG-2 REACTOR

INIS: 1978-02-23; ETDE: 1976-03-25

- *BT1 bwr type reactors

kupffer cells

- USE reticuloendothelial system

KUR REACTOR

- Kyoto Univ., Kumatori, Osaka, Japan.
- UF kyoto university reactor
- UF training-research reactor kyoto
- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 training reactors

kurchatov institute romashka reactor

- USE romashka reactor

kurchatovium

- USE rutherfordium

kureha acetate process

- INIS: 2000-04-12; ETDE: 1983-08-25
- Sodium acetate-gypsum process for removal of sulfur dioxide from utility flue gas. (Prior to March 1994, this was a valid ETDE descriptor.)
- USE desulfurization

kurie plot

- USE fermi plot

KURILE ISLANDS

- INIS: 2000-04-12; ETDE: 1978-06-14
- BT1 islands
- *BT1 russian federation
- RT pacific ocean

KURSK-1 REACTOR

1983-06-30

- *BT1 enriched uranium reactors
- *BT1 lwgr type reactors
- *BT1 power reactors
- *BT1 thermal reactors

KURSK-2 REACTOR

1984-08-23

- *BT1 enriched uranium reactors
- *BT1 lwgr type reactors
- *BT1 power reactors
- *BT1 thermal reactors

KURSK-3 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20

- *BT1 enriched uranium reactors

- *BT1 lwgr type reactors
- *BT1 power reactors
- *BT1 thermal reactors

KURSK-4 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20

- *BT1 enriched uranium reactors
- *BT1 lwgr type reactors
- *BT1 power reactors
- *BT1 thermal reactors

kurtosis

INIS: 1996-03-04; ETDE: 1996-02-26

- USE distribution
- USE statistics

KUWAIT

1976-11-08

- BT1 arab countries
- BT1 asia
- BT1 developing countries
- BT1 middle east
- RT oapec
- RT opec

kvb process

INIS: 2000-04-12; ETDE: 1978-04-27

Dry oxidation of the sulfurous component of dry pulverized coal with gaseous NO₂ is followed by caustic washing to solubilize and remove sulfur compounds generated. The active oxidant, NO₂, can be generated at operating temperature and pressure in the reaction chamber by oxidation of NO feed gas. (Prior to March 1994, this was a valid ETDE descriptor.)

- USE desulfurization

KVI

INIS: 1977-09-06; ETDE: 1977-10-19

- UF groningen versneller instituut
- UF kernfysisch versneller instituut
- *BT1 netherlands organizations

KVI CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-03-24

Kernfysisch Versneller Instituut, Groningen.

- UF groningen (kvi) cyclotron
- UF kernfysisch versneller instituut cyclotron
- *BT1 heavy ion accelerators
- *BT1 isochronous cyclotrons

kwl reactor

- USE lingen reactor

kwo reactor

- USE obrigheim reactor

kws-1 wyhl reactor

INIS: 1975-10-31; ETDE: 1975-12-16

- USE wyhl-1 reactor

kws-2 wyhl reactor

INIS: 1975-10-31; ETDE: 1975-12-16

- USE wyhl-2 reactor

kynurenic acid

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE heterocyclic acids
- USE hydroxy compounds
- USE quinolines

KYNURENINE

1996-07-18

- *BT1 amino acids
- *BT1 keto acids

KYOTO PROTOCOL

2000-09-26

Kyoto Protocol to the UN Framework Convention on Global Climate Change.

- *BT1 multilateral agreements
- RT carbon footprint
- RT climatic change
- RT emissions tax
- RT emissions trading
- RT environmental impacts
- RT environmental policy
- RT environmental protection
- RT greenhouse effect
- RT greenhouse gases
- RT paris agreement
- RT pollution laws

kyoto university critical assembly reactor

INIS: 1993-11-09; ETDE: 1976-06-07

- USE kuca reactor

kyoto university high flux reactor

1979-11-02

- USE kuhfr reactor

kyoto university reactor

- USE kur reactor

KYRGYZSTAN

INIS: 1997-08-20; ETDE: 1993-04-08
(Until January 1993, this was indexed by USSR.)

- SF soviet union
- SF union of soviet socialist republics
- SF ussr
- BT1 asia

KYSHTYM PLANT

INIS: 1996-06-26; ETDE: 1994-01-06

- BT1 nuclear facilities
- RT russian federation

kyushu-1 reactor

- USE genkai-1 reactor

kyushu-2 reactor

INIS: 1979-09-18; ETDE: 1979-10-23

- USE genkai-2 reactor

kyushu-3 reactor

INIS: 2000-04-12; ETDE: 1979-10-23

- USE sendai-1 reactor

kyushu-4 reactor

INIS: 2000-04-12; ETDE: 1985-07-18

- USE genkai-4 reactor

l-1 stellarator

2000-04-12

(Prior to June 1991 this was a valid ETDE descriptor.)

- SEE l-2 stellarator

l-1770 resonances

2000-04-12

(Prior to August 1988, this was a valid ETDE descriptor.)

- USE strange mesons

L-2 STELLARATOR

1977-11-02

- SF l-1 stellarator
- *BT1 stellarators

l-54 reactor

- USE cesnef reactor

l-77 atomics international reactor

1993-11-09

- USE ai-l-77 reactor

l-77 nevada university reactor

2000-04-12

- USE nevada university reactor

l-77 puerto rico reactor

- USE pmc-l-77 reactor

l-alanine

- USE alanine-l

l-alanine-alpha

- USE alanine-l

L CAPTURE

- *BT1 electron capture decay

L CELLS

- RT clone cells
- RT fibroblasts
- RT in vitro

L CODES

- BT1 computer codes

L CONVERSION

- UF l-conversion coefficient
- *BT1 internal conversion

l-conversion coefficient

- USE l conversion

L-MODE PLASMA CONFINEMENT

INIS: 1999-07-26; ETDE: 1999-09-03

An operational regime in neutral-beam-injection-heated divertor tokamaks.

- *BT1 magnetic confinement
- RT h-mode plasma confinement

L REACTOR

INIS: 1983-03-16; ETDE: 1982-05-12

Savannah River Plant, Aiken, South Carolina, USA. Reactor in surveillance and maintenance mode.

- UF savannah river plant l reactor
- *BT1 heavy water moderated reactors
- *BT1 special production reactors

l resonances

2000-04-12

- SEE k2-1770 mesons

L-S COUPLING

- UF russell-saunders coupling
- UF spin-orbit interaction
- *BT1 intermediate coupling
- RT orbital angular momentum

L SHELL

INIS: 1976-07-06; ETDE: 1976-08-24

Atomic electron shells.

- UF atomic shells (l)
- BT1 electronic structure

l waves

INIS: 2000-04-12; ETDE: 1978-07-05

- USE seismic surface waves

la crosse boiling water reactor

- USE lacbwr reactor

la jolla triga-mk-3 reactor

INIS: 1984-06-21; ETDE: 2002-03-09

- USE triga-3-la jolla reactor

la reina reactor

INIS: 2000-04-12; ETDE: 1985-05-31

- USE research reactors

LA REINA RECH-1 REACTOR

INIS: 1989-02-24; ETDE: 1989-03-20

La Reina, Santiago, Chile.

- UF rech-1 reactor
- *BT1 pool type reactors

*BT1 research reactors

LA SALLE COUNTY-1 REACTOR

Exelon Generation Co., LLC, Seneca, Illinois, USA.

*BT1 bwr type reactors

LA SALLE COUNTY-2 REACTOR

Exelon Generation Co., LLC, Seneca, Illinois, USA.

*BT1 bwr type reactors

LABELLED COMPOUNDS

Compounds labelled with either stable or radioactive isotopes.

NT1 carbon 14 compounds

NT1 radiopharmaceuticals

RT autoradiography

RT autoradiolysis

RT carrier-free isotopes

RT diagnosis

RT double labelling

RT electron microscopy

RT labelling

RT nuclear medicine

RT radioenzymatic assay

RT radioimmunoassay

RT radioimmunodetection

RT scintiscanning

RT tracer techniques

RT tritium compounds

RT wilzbach method

LABELLED POOL TECHNIQUES

INIS: 1985-07-18; ETDE: 1975-10-28

(Prior to August 1985 LABELLED POOL TECHNIQUE was a valid INIS descriptor.)

*BT1 tracer techniques

RT labelling

RT metabolism

LABELLING

For labelling of packages use PACKAGING RULES.

NT1 double labelling

NT1 wilzbach method

RT carbon 14 compounds

RT carrier-free isotopes

RT isotope applications

RT isotopic exchange

RT labelled compounds

RT labelled pool techniques

RT radioactivation

labelling (packages)

INIS: 1987-11-02; ETDE: 2002-03-09

USE packaging rules

labor

INIS: 2000-03-28; ETDE: 1977-08-09

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE employment

SEE manpower

SEE personnel

SEE work

LABOR RELATIONS

INIS: 1991-10-24; ETDE: 1978-02-14

UF industrial relations

RT industry

RT management

RT personnel

RT working conditions

laboratori nazionali del gran sasso

2016-12-12

USE gran sasso national laboratory

laboratori nazionali di frascati

2016-12-12

USE frascati national laboratory

laboratori nazionali di legnaro

2016-12-12

USE legnaro national laboratory

LABORATORIES

INIS: 1986-03-04; ETDE: 1980-01-15

NT1 hot labs

RT buildings

RT laboratory animals

RT laboratory buildings

RT laboratory equipment

RT nuclear facilities

RT research programs

LABORATORY ANIMALS

BT1 animals

RT laboratories

LABORATORY BUILDINGS

INIS: 1999-12-07; ETDE: 1980-04-14

BT1 buildings

RT laboratories

RT laboratory equipment

RT school buildings

LABORATORY EQUIPMENT

BT1 equipment

NT1 dna sequencers

NT1 fume hoods

NT1 gloveboxes

NT1 hot cells

NT1 manipulators

NT1 vacuum pumps

NT2 cryopumps

NT2 sputter-ion pumps

NT2 turbomolecular pumps

RT autoclaves

RT bench-scale experiments

RT extraction apparatuses

RT hot labs

RT laboratories

RT laboratory buildings

RT mixer-settlers

RT portable equipment

RT remote handling equipment

RT remote viewing equipment

RT sample changers

RT test facilities

laboratory scale experiments

1981-05-11

USE bench-scale experiments

LABORATORY SYSTEM

RT center-of-mass system

RT coordinates

RT limiting fragmentation

RT lorentz transformations

RT mechanics

RT scattering

labyrinth

USE auditory organs

USE vestibular apparatus

LACBWR REACTOR

Dairyland Power Cooperative, Genoa, Wisconsin, USA. Shut down in 1987.

UF la crosse boiling water reactor

*BT1 bwr type reactors

LACQUERS

BT1 coatings

LACRIMAL DUCTS

INIS: 1977-07-05; ETDE: 1977-10-19

UF ducts (tear)

UF tear canals

*BT1 eyes

LACTAMS

UF cyclic amides

*BT1 amides

NT1 pyrrolidones

NT2 pvp

RT amino acids

RT heterocyclic compounds

LACTATE DEHYDROGENASE

*BT1 hemiacetal dehydrogenases

LACTATES

INIS: 1981-09-17; ETDE: 1981-10-24

BT1 carboxylic acid salts

RT lactic acid

LACTATION

RT mammary glands

RT milk

LACTIC ACID

UF hydroxypropionic acid-alpha

*BT1 hydroxy acids

RT lactates

LACTOBACILLUS

*BT1 bacteria

LACTOFERRIN

INIS: 1981-08-06; ETDE: 1981-04-17

*BT1 globulins

*BT1 glucoproteins

*BT1 metalloproteins

*BT1 organometallic compounds

RT iron complexes

LACTOGENS

INIS: 1982-12-07; ETDE: 1979-02-27

NT1 hpl

RT peptide hormones

RT pituitary gland

RT placenta

LACTONES

UF cyclic esters

*BT1 esters

*BT1 heterocyclic compounds

NT1 coumarin

NT1 gibberellic acid

RT hydroxy acids

LACTOSE

UF milk sugar

*BT1 disaccharides

LADDER APPROXIMATION

*BT1 approximations

RT quantum field theory

lage flux reaktor petten

USE lfr reactor

lago maggiore

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE lakes

LAGRANGE EQUATIONS

*BT1 partial differential equations

RT lagrangian function

RT mechanics

lagrange field equations

USE lagrangian field theory

lagrangian

USE lagrangian function

LAGRANGIAN FIELD THEORY

UF canonical quantum field theory

UF gross-neveu model

UF lagrange field equations

*BT1 quantum field theory

LAGRANGIAN FUNCTION

UF *lagrangian*
BT1 functions
RT equations of motion
RT kinetic energy
RT lagrange equations
RT mechanics
RT potential energy

LAGUERRE POLYNOMIALS

*BT1 polynomials

LAGUNA VERDE-1 REACTOR

1978-02-23
Alto Lucero, Veracruz, Mexico.
 *BT1 bwr type reactors

LAGUNA VERDE-2 REACTOR

INIS: 1987-02-25; ETDE: 1982-02-08
Alto Lucero, Veracruz, Mexico.
 *BT1 bwr type reactors

LAKE BAIKAL

INIS: 1984-10-19; ETDE: 1984-11-06
 *BT1 lakes

LAKE BALATON

1983-09-06
 *BT1 lakes

LAKE DRUKSHIAI

INIS: 1997-09-16; ETDE: 1997-08-23
Cooling pond of Ignalina Nuclear Power Plant.
UF *lake drysviaty*
 *BT1 lakes

lake drysviaty

1997-08-20
 USE lake drukshiai

LAKE ERIE

*BT1 great lakes

LAKE HURON

*BT1 great lakes

LAKE MICHIGAN

*BT1 great lakes

LAKE ONTARIO

*BT1 great lakes

LAKE SUPERIOR

1980-07-24
 *BT1 great lakes

LAKE WABAMUN

INIS: 2000-04-12; ETDE: 1975-11-28
 *BT1 lakes
RT canada

LAKES

1997-08-20
 (Prior to March 1997 LAGO MAGGIORE was a valid ETDE descriptor.)
UF *lago maggiore*
BT1 surface waters
NT1 ambrosia lake
NT1 aral sea
NT1 athabasca lake
NT1 caspian sea
NT1 dead sea
NT1 great lakes
NT2 lake erie
NT2 lake huron
NT2 lake michigan
NT2 lake ontario
NT2 lake superior
NT1 great salt lake
NT1 lake baikal
NT1 lake balaton
NT1 lake drukshiai

NT1 lake wabamun
NT1 salton sea
RT cooling ponds
RT eutrophication
RT fresh water
RT hydrology
RT inland waterways
RT ponds
RT shores
RT water currents
RT water reservoirs

lamb-rutherford shift

2000-04-12
 USE lamb shift

LAMB SHIFT

UF *lamb-rutherford shift*
BT1 spectral shift
RT energy levels

lambda-1115 resonances

INIS: 1987-12-21; ETDE: 2002-03-09
 (Prior to December 1987 this was a valid descriptor.)
 USE lambda particles

LAMBDA-1405 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
 (Prior to December 1987 this concept was indexed by LAMBDA-1405 RESONANCES.)
UF *lambda-1405 resonances*
 *BT1 lambda baryons

lambda-1405 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE lambda-1405 baryons

LAMBDA-1520 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
 (Prior to December 1987 this concept was indexed by LAMBDA-1520 RESONANCES.)
UF *lambda-1520 resonances*
 *BT1 lambda baryons

lambda-1520 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE lambda-1520 baryons

LAMBDA-1600 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
 *BT1 lambda baryons

LAMBDA-1670 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
 (Prior to December 1987 this concept was indexed by LAMBDA-1670 RESONANCES.)
UF *lambda-1670 resonances*
 *BT1 lambda baryons

lambda-1670 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE lambda-1670 baryons

LAMBDA-1690 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
 (Prior to December 1987 this concept was indexed by LAMBDA-1690 RESONANCES.)
UF *lambda-1690 resonances*
 *BT1 lambda baryons

lambda-1690 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE lambda-1690 baryons

LAMBDA-1800 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
 *BT1 lambda baryons

LAMBDA-1810 BARYONS

1995-07-17
 *BT1 lambda baryons

lambda-1815 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE lambda-1820 baryons

LAMBDA-1820 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
 (Prior to December 1987 this concept was indexed by LAMBDA-1815 RESONANCES.)
UF *lambda-1815 resonances*
 *BT1 lambda baryons

LAMBDA-1830 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-25
 (Prior to December 1987 this concept was indexed by LAMBDA-1830 RESONANCES.)
UF *lambda-1830 resonances*
 *BT1 lambda baryons

lambda-1830 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE lambda-1830 baryons

LAMBDA-1890 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-25
 *BT1 lambda baryons

LAMBDA-2100 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-25
 (Prior to December 1987 this concept was indexed by LAMBDA-2100 RESONANCES.)
UF *lambda-2100 resonances*
 *BT1 lambda baryons

lambda-2100 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE lambda-2100 baryons

LAMBDA-2110 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-25
 *BT1 lambda baryons

lambda-2250 resonances

INIS: 1985-01-17; ETDE: 1978-10-23
 (Prior to January 1985 this was a valid ETDE descriptor.)
 USE lambda c plus baryons

lambda-2260 resonances

INIS: 2000-04-12; ETDE: 1979-09-26
 USE lambda c plus baryons

lambda 2282 resonances

INIS: 2000-04-12; ETDE: 1985-02-22
 USE lambda c plus baryons

LAMBDA B NEUTRAL BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
 *BT1 beauty baryons

LAMBDA BARYONS

1995-07-17
 *BT1 hyperons
NT1 lambda-1405 baryons
NT1 lambda-1520 baryons
NT1 lambda-1600 baryons
NT1 lambda-1670 baryons
NT1 lambda-1690 baryons
NT1 lambda-1800 baryons
NT1 lambda-1810 baryons

NT1 lambda-1820 baryons
NT1 lambda-1830 baryons
NT1 lambda-1890 baryons
NT1 lambda-2100 baryons
NT1 lambda-2110 baryons
NT1 lambda particles
NT2 antilambda particles

LAMBDA C-2625 BARYONS

1995-07-17

*BT1 charmed baryons

lambda c plus

INIS: 1987-12-21; ETDE: 1985-01-28

(Prior to December 1987 this was a valid descriptor.)

USE lambda c plus baryons

LAMBDA C PLUS BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19

(Prior to December 1987 this concept was indexed by LAMBDAC PLUS.)

UF c-2260 resonances

UF lambda-2250 resonances

UF lambda-2260 resonances

UF lambda 2282 resonances

UF lambda c plus

*BT1 charmed baryons

LAMBDA-N-2130 DIBARYONS

INIS: 1987-12-21; ETDE: 1988-03-16

*BT1 dibaryons

*BT1 hyperons

lambda neutral

USE lambda particles

LAMBDA PARTICLE BEAMS

*BT1 hyperon beams

LAMBDA PARTICLES

UF lambda-1115 resonances

UF lambda neutral

*BT1 lambda baryons

NT1 antilambda particles

LAMBDA POINT

*BT1 transition temperature

RT helium 4

RT superfluidity

LAMBERT LAW

RT angular distribution

lambs

USE sheep

LAMELLAE

RT layers

laminac

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE plastics

USE polyesters

LAMINAR FLAMES

2007-01-08

BT1 flames

RT laminar flow

LAMINAR FLOW

UF poiseuille flow

UF subcritical flow

BT1 fluid flow

RT critical flow

RT ideal flow

RT laminar flames

RT turbulent flow

RT viscous flow

LAMINARIA

*BT1 chromophycota

*BT1 seaweeds

RT alginates

laminography

USE tomography

LAMPF II SYNCHROTRON

INIS: 1983-06-30; ETDE: 1983-03-07

6 to 32 GeV proton synchrotron addition to Los Alamos Meson Physics Facility.

*BT1 meson factories

*BT1 synchrotrons

LAMPF LINAC

UF clinton p. anderson meson physics facility

UF los alamos meson physics facility

*BT1 linear accelerators

*BT1 meson factories

LAMPRE-1 REACTOR

LANL, Los Alamos, New Mexico, USA.

UF los alamos molten plutonium reactor experiment

*BT1 experimental reactors

*BT1 fast reactors

*BT1 plutonium reactors

*BT1 power reactors

*BT1 sodium cooled reactors

lampre-2 reactor

USE frctf reactor

LAMPROPHYRES

INIS: 2000-04-12; ETDE: 1980-08-12

*BT1 volcanic rocks

NT1 kimberlites

lamps

INIS: 2000-04-12; ETDE: 1977-07-23

USE light bulbs

land application

INIS: 2000-04-12; ETDE: 1978-08-08

USE ground disposal

land fills

INIS: 1982-09-21; ETDE: 1976-09-28

USE sanitary landfills

LAND LEASING

1992-03-10

BT1 leasing

RT land resources

RT land use

RT leases

RT legal aspects

RT regulations

LAND OWNERSHIP

INIS: 1992-03-10; ETDE: 1981-08-04

BT1 ownership

RT land resources

RT land use

RT legal aspects

RT mineral rights

LAND POLLUTION

For nonradioactive pollution only; for radioactive pollution use CONTAMINATION.

BT1 pollution

RT acid mine drainage

RT environmental effects

RT environmental exposure

RT land pollution abatement

RT land pollution control

RT land use

LAND POLLUTION ABATEMENT

INIS: 1992-03-11; ETDE: 1976-07-07

The prevention of formation of pollutants at the source.

SF prevention of significant deterioration

SF psd

BT1 pollution abatement

RT land pollution

RT land reclamation

LAND POLLUTION CONTROL

INIS: 1992-03-11; ETDE: 1977-03-04

The removal or management of pollutants after they are formed by a source.

*BT1 pollution control

RT brownfield sites

RT land pollution

RT land reclamation

RT land use

RT natural attenuation

LAND RECLAMATION

1976-07-16

SF mine site rehabilitation

SF reclamation

RT abandoned sites

RT aesthetics

RT backfilling

RT brownfield sites

RT land pollution abatement

RT land pollution control

RT land resources

RT land use

RT liming

RT natural attenuation

RT preferred species

RT remedial action

RT revegetation

RT soil conservation

RT spoil banks

LAND REQUIREMENTS

INIS: 1992-10-19; ETDE: 1977-11-29

BT1 demand

RT land resources

RT land use

LAND RESOURCES

INIS: 1992-03-10; ETDE: 1982-01-07

BT1 resources

RT land leasing

RT land ownership

RT land reclamation

RT land requirements

RT land use

RT public lands

RT terrestrial ecosystems

LAND TRANSPORT

INIS: 1976-12-08; ETDE: 1977-06-24

BT1 transport

NT1 rail transport

NT1 road transport

RT carpooling

RT vanpooling

LAND USE

1976-07-16

(From May 1980 till March 1997 ZONING was a valid ETDE descriptor.)

UF zoning

RT arid lands

RT brownfield sites

RT eminent domain

RT environment

RT external zones

RT farms

RT land leasing

RT land ownership

RT land pollution

RT land pollution control
 RT land reclamation
 RT land requirements
 RT land resources
 RT landscaping
 RT mineral rights
 RT nature reserves
 RT recreational areas
 RT regional analysis
 RT regional cooperation
 RT rights-of-way
 RT site selection
 RT water use
 RT watersheds
 RT wilderness protection acts

landau absorption

USE landau damping

LANDAU CURVES

RT s matrix
 RT scattering
 RT singularity

LANDAU DAMPING

UF landau absorption
 BT1 damping
 RT plasma waves
 RT transit-time magnetic pumping

landau distribution

USE landau fluctuations

landau domain structure

1976-03-25

Structure proposed by Landau for intermediate state when magnetic field is applied at acute angle to thin flat superconducting plate. Coordinate SUPERCONDUCTORS or descriptor(s) for the specific superconductor(s) with the term below.

(From January 1975 until March 1996 this was a valid ETDE descriptor.)

USE domain structure

LANDAU FLUCTUATIONS

1999-07-15

UF landau distribution
 *BT1 fluctuations
 RT energy losses

landau-ginzburg-pitaevskii theory

USE ginzburg-pitaevskii theory

LANDAU LIQUID HELIUM THEORY

UF two-fluid theory
 RT helium ii
 RT phonons
 RT rotons
 RT superfluidity

LANDAU QUASI PARTICLES

BT1 quasi particles
 RT particle structure
 RT quark model

LANDAU-ZENER FORMULA

RT collisions
 RT potential energy

LANDE FACTOR

UF g factor (lande)
 UF lande g factor
 UF lande interval factor
 UF lande splitting factor
 BT1 dimensionless numbers
 RT energy levels

lande g factor

USE lande factor

lande interval factor

USE lande factor

lande splitting factor

USE lande factor

LANDFILL GAS

2006-05-15

*BT1 fuel gas
 RT carbon dioxide
 RT methane
 RT sanitary landfills

landfills

INIS: 1982-09-21; ETDE: 1979-11-23

USE sanitary landfills

landforms

INIS: 2000-04-12; ETDE: 1980-05-06

USE geomorphology

LANDGARD PYROLYSIS SYSTEM

INIS: 2000-04-12; ETDE: 1976-01-23

UF landgard solid waste disposal system
 UF monsanto system
 *BT1 waste processing
 RT pyrolysis
 RT solid wastes
 RT waste processing plants

landgard solid waste disposal system

INIS: 2000-04-12; ETDE: 1976-02-24

USE landgard pyrolysis system

LANDSAT SATELLITES

INIS: 1983-06-02; ETDE: 1980-03-04

BT1 satellites
 RT aerial surveying
 RT exploration
 RT remote sensing

LANDSCAPING

INIS: 1997-06-17; ETDE: 1977-06-21

RT aesthetics
 RT earth berms
 RT land use

LANDSLIDES

1980-09-12

RT blast effects
 RT earthquakes
 RT ground motion
 RT mining
 RT rain
 RT seismic effects
 RT slope stability
 RT underground explosions

LANE-ROBSON THEORY

RT nuclear reactions
 RT scattering

LANE-THOMAS-WIGNER MODEL

*BT1 nuclear models

LANGEVIN EQUATION

BT1 equations
 RT magnetic fields

LANGMUIR FREQUENCY

UF frequency (langmuir)
 UF plasma frequency
 RT plasma

langmuir oscillations

USE plasma waves

LANGMUIR PROBE

*BT1 electric probes

languages (programming)

USE programming languages

LANL

INIS: 1995-04-03; ETDE: 1989-06-30

Until 1980 known as Los Alamos Scientific Laboratory, and older material is indexed to LASL.

UF lasl
 UF los alamos national laboratory
 UF los alamos scientific laboratory
 *BT1 us doe
 RT antares facility
 RT aurora facility
 RT helios facility
 RT new mexico
 RT trident facility

lanolin

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE esters
 USE lipids
 USE sterols

lanoxin

USE digoxin

lans

1994-04-12

USE local area networks

lanthanides

USE rare earths

LANTHANUM

*BT1 rare earths

LANTHANUM 117

2007-11-20

*BT1 electron capture radioisotopes
 *BT1 lanthanum isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 proton decay radioisotopes
 *BT1 rare earth nuclei

LANTHANUM 118

2007-11-20

*BT1 electron capture radioisotopes
 *BT1 lanthanum isotopes
 *BT1 odd-odd nuclei
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

LANTHANUM 119

2007-11-20

*BT1 electron capture radioisotopes
 *BT1 lanthanum isotopes
 *BT1 odd-even nuclei
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

LANTHANUM 120

INIS: 1984-08-23; ETDE: 1984-09-05

*BT1 electron capture radioisotopes
 *BT1 lanthanum isotopes
 *BT1 odd-odd nuclei
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

LANTHANUM 121

INIS: 1989-02-24; ETDE: 1989-03-20

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 lanthanum isotopes
 *BT1 odd-even nuclei
 *BT1 rare earth nuclei
 *BT1 seconds living radioisotopes

LANTHANUM 122

INIS: 1984-08-23; ETDE: 1984-09-05

*BT1 electron capture radioisotopes
 *BT1 lanthanum isotopes

*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LANTHANUM 123

INIS: 1979-02-21; ETDE: 1979-03-28

*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LANTHANUM 124

*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LANTHANUM 125

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LANTHANUM 126

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 127

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LANTHANUM 128

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 129

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LANTHANUM 130

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 131

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LANTHANUM 132

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 isomeric transition isotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 133

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LANTHANUM 134

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 135

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LANTHANUM 136

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 137

*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 years living radioisotopes

LANTHANUM 138

*BT1 beta-minus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 years living radioisotopes

LANTHANUM 139

*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 stable isotopes

LANTHANUM 139 BEAMS

INIS: 1979-01-18; ETDE: 1979-02-23
*BT1 ion beams

LANTHANUM 139 REACTIONS

INIS: 1976-01-28; ETDE: 1976-03-12
*BT1 heavy ion reactions

LANTHANUM 139 TARGET

ETDE: 1976-07-09
BT1 targets

LANTHANUM 140

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 141

*BT1 beta-minus decay radioisotopes
*BT1 hours living radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LANTHANUM 142

*BT1 beta-minus decay radioisotopes
*BT1 hours living radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 143

*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LANTHANUM 144

*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LANTHANUM 145

*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LANTHANUM 146

*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LANTHANUM 147

INIS: 1977-06-13; ETDE: 1977-10-20
*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LANTHANUM 148

INIS: 1977-06-13; ETDE: 1977-10-20
*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LANTHANUM 149

INIS: 1986-03-04; ETDE: 1986-04-11
*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LANTHANUM 150

1995-10-02
*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 151

2007-11-20
*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LANTHANUM 152

2007-11-20
*BT1 beta-minus decay radioisotopes
*BT1 lanthanum isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LANTHANUM 153

2007-11-20

- *BT1 beta-minus decay radioisotopes
- *BT1 lanthanum isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

LANTHANUM 154

2007-11-20

- *BT1 beta-minus decay radioisotopes
- *BT1 lanthanum isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

LANTHANUM 155

2007-11-20

- *BT1 beta-minus decay radioisotopes
- *BT1 lanthanum isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

LANTHANUM ADDITIONS

Alloys containing not more than 1% La are listed here.

- *BT1 lanthanum alloys
- *BT1 rare earth additions
- NT1 alloy-co36cr22ni22w15fe3
- NT2 haynes 188 alloy

LANTHANUM ALLOYS

Alloys containing more than 1% La.

- *BT1 rare earth alloys
- NT1 lanthanum additions
- NT2 alloy-co36cr22ni22w15fe3
- NT3 haynes 188 alloy
- NT1 lanthanum base alloys
- NT1 misch metal

LANTHANUM BASE ALLOYS

- *BT1 lanthanum alloys

LANTHANUM BORIDES

- *BT1 borides
- *BT1 lanthanum compounds

LANTHANUM BROMIDES

- *BT1 bromides
- *BT1 lanthanum halides

LANTHANUM CARBIDES

- *BT1 carbides
- *BT1 lanthanum compounds

LANTHANUM CARBONATES

1996-07-18

- *BT1 carbonates
- *BT1 lanthanum compounds
- RT carbonate minerals

LANTHANUM CHLORIDES

- *BT1 chlorides
- *BT1 lanthanum halides

lanthanum chromites

INIS: 2000-04-12; ETDE: 1979-07-24

- USE chromium oxides
- USE lanthanum oxides

LANTHANUM COMPLEXES

- *BT1 rare earth complexes

LANTHANUM COMPOUNDS

- BT1 rare earth compounds
- NT1 lanthanum borides
- NT1 lanthanum carbides
- NT1 lanthanum carbonates
- NT1 lanthanum halides
- NT2 lanthanum bromides
- NT2 lanthanum chlorides
- NT2 lanthanum fluorides
- NT2 lanthanum iodides
- NT1 lanthanum hydrides
- NT1 lanthanum hydroxides

- NT1 lanthanum nitrates
- NT1 lanthanum nitrides
- NT1 lanthanum oxides
- NT1 lanthanum perchlorates
- NT1 lanthanum phosphates
- NT1 lanthanum phosphides
- NT1 lanthanum selenides
- NT1 lanthanum silicates
- NT1 lanthanum silicides
- NT1 lanthanum sulfates
- NT1 lanthanum sulfides
- NT1 lanthanum tellurides
- NT1 lanthanum tungstates
- NT1 plzt

LANTHANUM FLUORIDES

- *BT1 fluorides
- *BT1 lanthanum halides

LANTHANUM HALIDES

2012-07-19

- *BT1 halides
- *BT1 lanthanum compounds
- NT1 lanthanum bromides
- NT1 lanthanum chlorides
- NT1 lanthanum fluorides
- NT1 lanthanum iodides

LANTHANUM HYDRIDES

- *BT1 hydrides
- *BT1 lanthanum compounds

LANTHANUM HYDROXIDES

- *BT1 hydroxides
- *BT1 lanthanum compounds

LANTHANUM IODIDES

- *BT1 iodides
- *BT1 lanthanum halides

LANTHANUM IONS

- *BT1 ions

LANTHANUM ISOTOPES

1995-10-02

- BT1 isotopes
- NT1 lanthanum 117
- NT1 lanthanum 118
- NT1 lanthanum 119
- NT1 lanthanum 120
- NT1 lanthanum 121
- NT1 lanthanum 122
- NT1 lanthanum 123
- NT1 lanthanum 124
- NT1 lanthanum 125
- NT1 lanthanum 126
- NT1 lanthanum 127
- NT1 lanthanum 128
- NT1 lanthanum 129
- NT1 lanthanum 130
- NT1 lanthanum 131
- NT1 lanthanum 132
- NT1 lanthanum 133
- NT1 lanthanum 134
- NT1 lanthanum 135
- NT1 lanthanum 136
- NT1 lanthanum 137
- NT1 lanthanum 138
- NT1 lanthanum 139
- NT1 lanthanum 140
- NT1 lanthanum 141
- NT1 lanthanum 142
- NT1 lanthanum 143
- NT1 lanthanum 144
- NT1 lanthanum 145
- NT1 lanthanum 146
- NT1 lanthanum 147
- NT1 lanthanum 148
- NT1 lanthanum 149
- NT1 lanthanum 150
- NT1 lanthanum 151

- NT1 lanthanum 152
- NT1 lanthanum 153
- NT1 lanthanum 154
- NT1 lanthanum 155

LANTHANUM NITRATES

- *BT1 lanthanum compounds
- *BT1 nitrates

LANTHANUM NITRIDES

- *BT1 lanthanum compounds
- *BT1 nitrides

LANTHANUM OXIDES

- UF lanthanum chromites
- *BT1 lanthanum compounds
- *BT1 oxides

LANTHANUM PERCHLORATES

- *BT1 lanthanum compounds
- *BT1 perchlorates

LANTHANUM PHOSPHATES

- *BT1 lanthanum compounds
- *BT1 phosphates

LANTHANUM PHOSPHIDES

INIS: 1979-09-18; ETDE: 1979-10-23

- *BT1 lanthanum compounds
- *BT1 phosphides

LANTHANUM SELENIDES

- *BT1 lanthanum compounds
- *BT1 selenides

LANTHANUM SILICATES

1996-11-13

- *BT1 lanthanum compounds
- *BT1 silicates

LANTHANUM SILICIDES

1984-04-04

- *BT1 lanthanum compounds
- *BT1 silicides

LANTHANUM SULFATES

- *BT1 lanthanum compounds
- *BT1 sulfates

LANTHANUM SULFIDES

- *BT1 lanthanum compounds
- *BT1 sulfides

LANTHANUM TELLURIDES

- *BT1 lanthanum compounds
- *BT1 tellurides

LANTHANUM TUNGSTATES

1983-06-01

- *BT1 lanthanum compounds
- *BT1 tungstates

lanzhou cyclotron

INIS: 1983-06-01; ETDE: 1983-07-07

- USE hirfl cyclotron

LAOS

- BT1 asia
- BT1 developing countries

lap welds

1976-03-17

(Prior to March 1996 this was a valid ETDE descriptor.)

- USE welded joints

LAPLACE EQUATION

- *BT1 partial differential equations
- RT poisson equation
- RT spherical harmonics

laplace operator

- USE laplacian

LAPLACE TRANSFORMATION

*BT1 integral transformations

LAPLACIAN

UF *laplace operator*
BT1 mathematical operators
RT diffusion equations
RT vectors

lapps

(Prior to September 2008 this was a valid descriptor.)

USE sami people

LARAMIE ENERGY RESEARCH CENTER

2000-04-12

*BT1 us doe
*BT1 us erda

LARAMIE ENERGY TECHNOLOGY CENTER

INIS: 2000-04-12; ETDE: 1978-12-11

*BT1 us doe

LARCHES

INIS: 2000-04-12; ETDE: 1988-02-02

Larix.

*BT1 conifers

LARDERELLO GEOTHERMAL FIELD

1992-06-04

BT1 geothermal fields
RT italy
RT vapor-dominated systems

large break loss-of-coolant accident

2017-07-18

USE lbloca

large coil program

INIS: 1982-11-30; ETDE: 1979-02-23

Coordinate descriptor below with descriptor for aspect of program discussed, e.g. SUPERCONDUCTING MAGNETS.

USE coordinated research programs
USE superconducting magnets

LARGE-EDDY SIMULATION

2009-12-09

Numerical technique for solution of partial differential equations governing turbulent fluid flow.

*BT1 computerized simulation
RT turbulent flow

LARGE INTESTINE

UF *appendix (vermiform)*
UF *colon*
*BT1 intestines
NT1 rectum
RT excretion
RT feces

larmor electrons

USE larmor radius

larmor nuclear precession

USE larmor precession

LARMOR PRECESSION

UF *larmor nuclear precession*
BT1 precession

LARMOR RADIUS

UF *gyromagnetic radius*
UF *larmor electrons*
RT magnetic fields

LARVAE

UF *larval stage*
UF *metacercariae*

UF *nymphs*
UF *tadpoles*
RT age groups
RT amphibians
RT ichthyoplankton
RT insects
RT metamorphosis

larval stage

USE larvae

LARYNGECTOMY

INIS: 1981-08-31; ETDE: 1981-09-22

*BT1 surgery
RT larynx

LARYNX

BT1 respiratory system
RT laryngectomy
RT neck

LASER BEAM MACHINING

INIS: 1982-09-21; ETDE: 1977-11-09

BT1 machining

LASER CAVITIES

1975-08-22

RT lasers

LASER DOPPLER ANEMOMETERS

INIS: 1993-04-21; ETDE: 1992-07-02

*BT1 anemometers
RT laser radiation
RT lasers

LASER DRILLING

INIS: 1976-07-06; ETDE: 1976-08-24

*BT1 materials drilling
RT laser radiation

LASER FUSION REACTORS

INIS: 1999-04-19; ETDE: 1976-09-15

BT1 thermonuclear reactors
NT1 cascade reactors
NT1 hylife converter
RT antares facility
RT aurora facility
RT direct drive laser implosion
RT gdl facility
RT gekko facility
RT helios facility
RT icf devices
RT indirect drive laser implosion
RT inertial confinement
RT inertial fusion drivers
RT laser implosions
RT nova facility
RT omega facility
RT shiva facility
RT trident facility
RT vulcan facility

laser guidance

INIS: 2000-04-12; ETDE: 1986-09-05

A means of guiding a charged particle beam. A laser beam photoionizes a channel through a gas, and the resulting plasma serves to strongly focus and guide the beam.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE beam transport
USE laser radiation

LASER IMPLOSIONS

UF *thermonuclear implosions (laser)*
BT1 implosions
NT1 direct drive laser implosion
NT1 indirect drive laser implosion
RT fusion yield
RT inertial confinement
RT laser fusion reactors
RT laser-produced plasma

RT laser-radiation heating
RT laser targets
RT pulsed fusion reactors

LASER ION SOURCES

2018-02-26

BT1 ion sources
NT1 laser-plasma ion sources
NT1 resonant-ionization laser ion sources

LASER ISOTOPE SEPARATION

A laser photon beam selectively excites or ionizes one of the isotopes which can then be isolated by electromagnetic, chemical, or other methods.

UF *avlis*
UF *mlis*
UF *silex process*
*BT1 isotope separation
RT lasers

LASER MATERIALS

1992-08-11

BT1 materials
RT laser radiation
RT lasers

LASER MIRRORS

1999-07-15

BT1 mirrors
RT lasers

LASER-PLASMA ION SOURCES

2018-02-26

*BT1 laser ion sources

LASER POWER TRANSMISSION

INIS: 1992-08-11; ETDE: 1980-10-07

UF *power beaming*
BT1 power transmission
RT power systems

LASER-PRODUCED PLASMA

BT1 plasma
RT direct drive laser implosion
RT indirect drive laser implosion
RT laser implosions
RT laser-radiation heating
RT plasma production

laser pumping

INIS: 2000-03-28; ETDE: 1981-08-21

Use one of the NT's under pumping.

SEE pumping

LASER RADIATION

UF *laser guidance*
*BT1 electromagnetic radiation
RT beat wave accelerators
RT laser doppler anemometers
RT laser drilling
RT laser materials
RT laser-radiation heating
RT laser targets
RT laser welding
RT lasers
RT monochromatic radiation
RT optical radar
RT superradiance
RT visible radiation

LASER-RADIATION HEATING

*BT1 plasma heating
RT direct drive laser implosion
RT indirect drive laser implosion
RT laser implosions
RT laser-produced plasma
RT laser radiation

LASER SPECTROSCOPY

INIS: 1979-09-18; ETDE: 1978-12-20

BT1 spectroscopy
NT1 raman spectroscopy

RT absorption spectroscopy
 RT fluorescence spectroscopy
 RT raman spectra

LASER TARGETS

INIS: 1981-08-31; ETDE: 1978-09-11

SF *icf targets*
 SF *inertial confinement fusion targets*
 BT1 targets
 RT direct drive laser implosion
 RT electron beam targets
 RT indirect drive laser implosion
 RT inertial confinement
 RT ion beam targets
 RT laser implosions
 RT laser radiation
 RT thermonuclear fuels

LASER WEAPONS

INIS: 2000-04-12; ETDE: 1979-03-05

*BT1 directed-energy weapons
 RT lasers

LASER WELDING

*BT1 welding
 RT laser radiation

LASERS

1999-02-22

Light Amplification by Stimulated Emission of Radiation.

UF *petawatt lasers*
 SF *stimulated emission devices*
 NT1 chemical lasers
 NT1 free electron lasers
 NT1 gas lasers
 NT2 carbon dioxide lasers
 NT2 carbon monoxide lasers
 NT2 excimer lasers
 NT3 krypton chloride lasers
 NT3 krypton fluoride lasers
 NT2 gas dynamic lasers
 NT2 helium-neon lasers
 NT2 helium-xenon lasers
 NT2 iodine lasers
 NT2 metal vapor lasers
 NT1 liquid lasers
 NT2 dye lasers
 NT1 ring lasers
 NT1 solid state lasers
 NT2 diode-pumped solid state lasers
 NT2 neodymium lasers
 NT2 ruby lasers
 NT2 semiconductor lasers
 NT1 x-ray lasers
 RT electrical pumping
 RT electron beam pumping
 RT frequency selection
 RT gasers
 RT laser cavities
 RT laser doppler anemometers
 RT laser isotope separation
 RT laser materials
 RT laser mirrors
 RT laser radiation
 RT laser weapons
 RT light sources
 RT masers
 RT mode control
 RT mode locking
 RT mode selection
 RT multi-photon processes
 RT nuclear pumping
 RT optical pumping
 RT optical radar
 RT q-switching
 RT quantum electronics
 RT quantum optics
 RT radiation sources
 RT stimulated emission

LASERTRONS

INIS: 1986-05-23; ETDE: 1986-11-14

*BT1 microwave tubes
 RT power supplies
 RT rf systems

lasl

1997-01-28

(Until March 1995 this was a valid descriptor.
 Name changed in 1980 to Los Alamos
 National Laboratory, and more recent material
 should have been indexed to LANL.)
 USE lanl

lasl cold critical assembly

INIS: 1977-04-07; ETDE: 2002-03-09
 USE plasma core assembly

lasl critical assembly

INIS: 1979-02-21; ETDE: 2001-01-23
 USE parka reactor

lass growth method

INIS: 2000-04-12; ETDE: 1982-07-27
 (Prior to February 1995, this was a valid
 ETDE descriptor.)
 USE crystal growth methods

LATCHKEY OPERATION

INIS: 2000-04-12; ETDE: 1976-11-01

*BT1 nuclear explosions
 *BT1 underground explosions
 RT contained explosions

late radiation effects

USE delayed radiation effects

LATENCY PERIOD

UF *disease free period*
 RT acute irradiation
 RT delayed radiation effects
 RT incubation
 RT quarantine
 RT radiation syndrome

latent heat of fusion

USE fusion heat

latent heat of sublimation

USE sublimation heat

latent heat of transition

USE transition heat

latent heat of vaporization

USE vaporization heat

LATENT HEAT STORAGE

INIS: 1993-06-04; ETDE: 1977-06-30

*Storage of thermal energy in the latent heat of
 fusion of various materials.*

*BT1 heat storage
 RT fusion heat
 RT phase change materials
 RT seasonal thermal energy storage
 RT thermal energy storage equipment
 RT vaporization heat

LATENT IMAGES

RT dielectric track detectors
 RT nuclear emulsions
 RT photographic emulsions
 RT photographic films

laterologging

INIS: 2000-06-27; ETDE: 1979-05-02
 USE resistivity logging

LATEX

*BT1 rubbers
 RT coatings
 RT emulsions

RT natural rubber
 RT protective coatings

LATHES

INIS: 1980-05-14; ETDE: 1978-07-06

*BT1 machine tools
 RT machining

LATIN AMERICA

INIS: 1986-03-04; ETDE: 1978-08-07

NT1 central america
 NT2 belize
 NT2 costa rica
 NT2 el salvador
 NT2 guatemala
 NT2 honduras
 NT2 nicaragua
 NT2 panama
 NT1 cuba
 NT1 dominican republic
 NT1 haiti
 NT1 jamaica
 NT1 mexico
 NT1 puerto rico
 NT1 saint lucia
 NT1 saint vincent and the grenadines
 NT1 south america
 NT2 argentina
 NT3 mendoza
 NT2 bolivia
 NT3 chacaltaya
 NT2 brazil
 NT2 chile
 NT2 colombia
 NT2 ecuador
 NT2 french guiana
 NT2 guyana
 NT2 paraguay
 NT2 peru
 NT2 surinam
 NT2 uruguay
 NT2 venezuela
 RT west indies

**latin america nuclear weapons
prohibition treaty**

INIS: 1993-11-09; ETDE: 2002-03-09
 USE tlattelolco treaty

latin american energy organization

2006-10-11
 USE olade

LATINA REACTOR

*Borgo Sabotino, Latina, Italy. Permanently
 shut down since 1987.*

UF *foce verde reactor*
 *BT1 carbon dioxide cooled reactors
 *BT1 magnox type reactors
 *BT1 thermal reactors

latir event

INIS: 2000-04-12; ETDE: 1976-03-11
A test made during PROJECT ARBOR.
 (Prior to January 1995, this was a valid ETDE
 descriptor.)

USE nuclear explosions
 USE underground explosions

LATITUDE EFFECT

1999-07-16
 *BT1 geographical variations
 RT equator

lattice defects

INIS: 2000-04-12; ETDE: 1977-08-09
 USE crystal defects

LATTICE FIELD THEORY

INIS: 1978-11-24; ETDE: 1978-12-20
 *BT1 constructive field theory

RT gauge invariance
 RT instantons
 RT lie groups
 RT wilson loop

LATTICE PARAMETERS

RT crystal lattices

LATTICE VIBRATIONS

UF vibrations (lattice)
 RT anharmonic crystals
 RT crystal structure
 RT debye-waller factor
 RT harmonics
 RT nuclear specific heat
 RT oscillation modes
 RT rayleigh waves
 RT vibrational states

lattices (crystal)

USE crystal lattices

lattices (reactor)

USE reactor lattices

LATVIA

INIS: 1997-08-20; ETDE: 1993-03-15
 (Until January 1993, this was indexed by USSR.)

SF soviet union
 SF union of soviet socialist republics
 SF ussr
 *BT1 eastern europe

LATVIAN ORGANIZATIONS

2004-03-31
 BT1 national organizations

laue-bragg scattering

USE bragg reflection

LAUE METHOD

BT1 diffraction methods
 RT crystal lattices
 RT kossel method
 RT structural chemical analysis
 RT x-ray diffraction

LAUMONTITE

INIS: 2000-04-12; ETDE: 1977-12-22
 A white zeolite mineral.
 *BT1 zeolites

LAUNCHING

RT missile launching sites
 RT missiles
 RT rockets
 RT space vehicles

laundries

INIS: 2000-04-12; ETDE: 1979-02-27
 (Prior to March 1997 this was a valid ETDE descriptor.)
 USE buildings
 USE clothing
 USE washing

lauric acid

USE dodecanoic acid

lauryl radicals

USE dodecyl radicals

lausanne tokamak

INIS: 1984-04-04; ETDE: 1984-05-08
 USE tca tokamak

lav virus

INIS: 1986-05-23; ETDE: 2002-03-09
 USE aids virus

LAVA

A general term for a molten extrusive; also, for the rock that is solidified from it.

*BT1 igneous rocks
 RT eruption
 RT magma
 RT magnesium silicates
 RT magnesium sulfates
 RT silicate minerals
 RT volcanism
 RT volcanoes

LAVAGE

Washing out of hollow organ by copious injections and rejections of water.

UF pulmonary lavage
 RT decontamination
 RT excretion
 RT lungs
 RT respiratory system

LAVENITE

2000-04-12
 *BT1 silicate minerals
 RT calcium silicates
 RT sodium silicates
 RT zirconium silicates

LAVES PHASES

RT crystal lattices
 RT intermetallic compounds

LAWRENCE BERKELEY**LABORATORY**

UF lbl
 UF uclbl
 UF university of california lawrence radiation laboratory
 *BT1 us aec
 *BT1 us doe
 *BT1 us erda
 RT california

LAWRENCE LIVERMORE**LABORATORY**

Name changed to Lawrence Livermore National Laboratory, and more recent material should be indexed to LAWRENCE LIVERMORE NATIONAL LABORATORY.

UF uclll
 *BT1 lawrence livermore national laboratory
 *BT1 us aec
 *BT1 us erda
 RT california
 RT nova facility
 RT shiva facility
 RT tmx devices

LAWRENCE LIVERMORE**NATIONAL LABORATORY**

INIS: 1993-11-09; ETDE: 1994-08-18
 Formerly known as Lawrence Livermore Laboratory, and older material is so indexed.

UF llnl
 *BT1 us doe
 NT1 lawrence livermore laboratory
 RT california
 RT nova facility
 RT novette facility
 RT shiva facility

LAWRENCIUM

*BT1 actinides
 *BT1 transplutonium elements

LAWRENCIUM 251

2007-11-13
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes

*BT1 lawrencium isotopes
 *BT1 odd-even nuclei

LAWRENCIUM 252

2002-01-11

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 lawrencium isotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

LAWRENCIUM 253

INIS: 1986-06-09; ETDE: 1988-12-05

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 lawrencium isotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

LAWRENCIUM 254

INIS: 1986-06-09; ETDE: 1988-12-05

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 lawrencium isotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

LAWRENCIUM 255

INIS: 1977-01-25; ETDE: 1976-04-19

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 lawrencium isotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

LAWRENCIUM 256

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 lawrencium isotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

LAWRENCIUM 257

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 lawrencium isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei

LAWRENCIUM 258

INIS: 1986-06-09; ETDE: 1976-04-19

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 lawrencium isotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

LAWRENCIUM 259

INIS: 1977-01-25; ETDE: 1976-11-01

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 lawrencium isotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

LAWRENCIUM 260

INIS: 1986-03-04; ETDE: 1985-06-26

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 lawrencium isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

LAWRENCIUM 261

INIS: 1987-02-25; ETDE: 1987-04-10

*BT1 actinide nuclei
 *BT1 lawrencium isotopes
 *BT1 odd-even nuclei

LAWRENCIUM 262

INIS: 1987-02-25; ETDE: 1987-04-10

- *BT1 actinide nuclei
- *BT1 lawrencium isotopes
- *BT1 odd-odd nuclei

LAWRENCIUM 263

INIS: 1987-02-25; ETDE: 1987-05-01

- *BT1 actinide nuclei
- *BT1 lawrencium isotopes
- *BT1 odd-even nuclei

LAWRENCIUM 264

2007-11-13

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 lawrencium isotopes
- *BT1 odd-odd nuclei

LAWRENCIUM 265

2007-11-13

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 lawrencium isotopes
- *BT1 odd-even nuclei

LAWRENCIUM 266

2007-11-13

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 lawrencium isotopes
- *BT1 odd-odd nuclei

lawrencium additions

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

- SEE lawrencium compounds

LAWRENCIUM COMPLEXES

1996-07-18

(Until July 1996 this was a valid descriptor.

Between March 1997 and May 2012

ACTINIDE COMPLEXES + TRANSURANIUM COMPLEXES was used for this concept.)

- *BT1 actinide complexes
- BT1 complexes
- *BT1 transplutonium complexes

LAWRENCIUM COMPOUNDS

1996-07-18

- SF lawrencium additions
- BT1 actinide compounds
- *BT1 transplutonium compounds

LAWRENCIUM IONS

2018-01-24

- *BT1 ions

LAWRENCIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 lawrencium 251
- NT1 lawrencium 252
- NT1 lawrencium 253
- NT1 lawrencium 254
- NT1 lawrencium 255
- NT1 lawrencium 256
- NT1 lawrencium 257
- NT1 lawrencium 258
- NT1 lawrencium 259
- NT1 lawrencium 260
- NT1 lawrencium 261
- NT1 lawrencium 262
- NT1 lawrencium 263
- NT1 lawrencium 264
- NT1 lawrencium 265
- NT1 lawrencium 266

LAWS

1997-07-30

The whole body of laws, regulations, agreements, judicial or administrative decisions or practices which are binding or accepted as a rule of conduct.

(Until December 1990, this descriptor was spelled LAW.)

- UF corporation law
- UF general law
- UF municipal law
- UF private law
- SF invention secrecy act
- SF legal incentives
- SF materials and minerals policy acts
- SF petroleum marketing practices act
- NT1 antitrust laws
- NT1 atomic energy laws
- NT2 atomic energy act
- NT2 nuclear waste policy acts
- NT1 case law
- NT1 coastal zone management acts
- NT1 energy conservation and production act
- NT1 fishery laws
- NT1 freedom of information act
- NT1 international laws
- NT1 maritime laws
- NT1 mining laws
- NT2 surface mining acts
- NT1 national energy acts
- NT2 us energy tax act
- NT2 us national energy conservation policy act
- NT2 us natural gas policy act
- NT2 us power plant and industrial fuel use act
- NT2 us public utility regulatory policies act
- NT1 national energy conservation incentives act
- NT1 patent laws
- NT1 pollution laws
- NT2 clean air acts
- NT2 clean water acts
- NT2 us superfund
- NT1 price-anderson act
- NT1 privacy act
- NT1 public law
- NT1 radiation protection laws
- NT1 regulations
- NT2 building codes
- NT2 contamination regulations
- NT3 maximum acceptable contamination
- NT2 international regulations
- NT3 oecd mcmsdrw
- NT2 licensing regulations
- NT2 packaging rules
- NT2 pollution regulations
- NT2 pricing regulations
- NT2 safeguard regulations
- NT2 transport regulations
- NT1 resource recovery acts
- NT1 tax laws
- NT1 toxic substances control acts
- NT1 us economic recovery tax act
- NT1 us emergency preparedness act
- NT1 us energy policy and conservation act
- NT1 us energy security act
- NT1 us national environmental policy act
- NT1 us occupational safety and health act
- NT1 waste disposal acts
- NT2 nuclear waste policy acts
- NT1 wilderness protection acts
- RT administrative procedures
- RT agreements
- RT amendments
- RT compliance

- RT enforcement
- RT executive orders
- RT hearings
- RT legal aspects
- RT legislation
- RT legislative text
- RT public policy
- RT repeals
- RT solar rights
- RT speed limit
- RT violations

LAWSON CRITERION

INIS: 1978-05-19; ETDE: 1978-07-05

The energy output from a thermonuclear reactor can only exceed the plasma energy input if the product of plasma density and confinement time is higher than 10 exp 14 s/cm exp 3.

- RT breakeven
- RT confinement time
- RT plasma density
- RT thermonuclear devices

LAWSUITS

INIS: 1976-12-08; ETDE: 1977-06-24

- UF litigation
- RT arbitration
- RT courts
- RT dispute settlements
- RT hearings

LAX THEOREM

- RT shock waves

LAYERS

- NT1 boundary layers
- NT2 plasma scrape-off layer
- NT1 depletion layer
- NT1 ozone layer
- RT films
- RT lamellae
- RT stratification
- RT stratigraphy
- RT substrates

lbl

INIS: 1984-04-04; ETDE: 2002-03-09

- USE lawrence berkeley laboratory

LBL 88-INCH CYCLOTRON

INIS: 1988-08-02; ETDE: 1987-12-17

Lawrence Berkeley Laboratory, Berkeley, California, USA.

- *BT1 uclrl cyclotrons

LBLOCA

2017-07-18

- UF large break loss-of-coolant accident
- *BT1 loss of coolant

LC-FINING

INIS: 2000-04-12; ETDE: 1980-03-29

Expanded-bed catalytic hydrotreating process (proprietary).

- RT coal liquids
- RT hydrogenation
- RT solvent-refined coal

lcao calculations

- USE lcao method

LCAO METHOD

- UF lcao calculations
- UF lcao mo calculations
- UF lcao scf treatment
- UF lcao theory
- UF linear combination of atomic orbitals
- BT1 calculation methods
- RT molecular orbital method
- RT molecular structure
- RT self-consistent field

lcao mo calculations

USE lcao method

lcao scf treatment

USE lcao method

lcao theory

USE lcao method

lcffc process

INIS: 2000-04-12; ETDE: 1981-10-24

USE coal liquefaction

LCPMPDPW

INIS: 1976-03-25; ETDE: 1991-04-17

1972 London Convention on Prevention of Marine Pollution by Dumping of Waste and other Matter.

UF london convention for prevention of marine pollution

UF marine pollution prevention, london convention

UF pollution, prevention of marine, 1972 london convention on

UF prevention of marine pollution, 1972 london convention on

*BT1 multilateral agreements

RT contamination

RT marine disposal

RT oecd mcmsdrw

RT pollution

lcr

INIS: 2000-04-12; ETDE: 1981-05-18

USE load collector ratio

lcre reactor

2000-04-12

USE experimental reactors

USE lithium cooled reactors

ld 50

USE lethal radiation dose

LEACHATES

INIS: 1981-02-27; ETDE: 1980-04-14

The liquid that has percolated through soil or other media; a solution obtained by leaching.

*BT1 solutions

RT environmental transport

RT ground water

RT in-situ processing

RT leaching

RT liquid wastes

RT solvent extraction

LEACHING

1996-07-08

UF elution (soluble constituents)

UF lixiviation

BT1 dissolution

BT1 separation processes

NT1 microbial leaching

RT diffusion

RT hydrometallurgy

RT in-situ processing

RT ion exchange chromatography

RT ion exchange materials

RT leachates

RT ore enrichment

RT ore processing

RT solubility

RT solution mining

RT solvent extraction

RT thiobacillus ferrooxidans

RT thiobacillus oxidans

LEAD

*BT1 metals

RT shielding materials

LEAD 178

2007-02-14

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 lead isotopes

*BT1 microseconds living radioisotopes

LEAD 179

2007-02-14

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 lead isotopes

*BT1 milliseconds living radioisotopes

LEAD 180

1996-10-10

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 lead isotopes

*BT1 milliseconds living radioisotopes

LEAD 181

2007-02-14

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 milliseconds living radioisotopes

LEAD 182

INIS: 1988-02-02; ETDE: 1987-07-22

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 milliseconds living radioisotopes

LEAD 183

INIS: 1981-02-27; ETDE: 1981-03-13

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

LEAD 184

INIS: 1980-07-24; ETDE: 1980-08-12

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 milliseconds living radioisotopes

LEAD 185

ETDE: 1975-08-19

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 seconds living radioisotopes

LEAD 186

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 seconds living radioisotopes

LEAD 187

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 seconds living radioisotopes

LEAD 188

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 seconds living radioisotopes

LEAD 189

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 seconds living radioisotopes

LEAD 190

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 minutes living radioisotopes

LEAD 191

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 minutes living radioisotopes

LEAD 192

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 minutes living radioisotopes

LEAD 193

1975-10-29

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 minutes living radioisotopes

LEAD 194

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 lead isotopes

*BT1 minutes living radioisotopes

*BT1 nanoseconds living radioisotopes

LEAD 195

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 minutes living radioisotopes

LEAD 196

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 lead isotopes

*BT1 minutes living radioisotopes

LEAD 197

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 lead isotopes

*BT1 minutes living radioisotopes

LEAD 198

*BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 lead isotopes

LEAD 199

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 lead isotopes
 *BT1 minutes living radioisotopes

LEAD 200

*BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 lead isotopes
 *BT1 nanoseconds living radioisotopes

LEAD 200 TARGET

INIS: 1979-12-20; ETDE: 1980-01-24
 BT1 targets

LEAD 201

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 lead isotopes
 *BT1 minutes living radioisotopes

LEAD 202

*BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 lead isotopes
 *BT1 years living radioisotopes

LEAD 202 TARGET

INIS: 1978-07-03; ETDE: 1978-08-07
 BT1 targets

LEAD 203

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 isomeric transition isotopes
 *BT1 lead isotopes
 *BT1 seconds living radioisotopes

LEAD 204

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 lead isotopes
 *BT1 stable isotopes

LEAD 204 TARGET

ETDE: 1976-07-09
 BT1 targets

LEAD 205

*BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 isomeric transition isotopes

*BT1 lead isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 years living radioisotopes

LEAD 205 TARGET

INIS: 1978-11-24; ETDE: 1978-04-05
 BT1 targets

LEAD 206

UF radium g
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 lead isotopes
 *BT1 stable isotopes

LEAD 206 REACTIONS

INIS: 1986-08-19; ETDE: 1986-09-05
 *BT1 heavy ion reactions

LEAD 206 TARGET

ETDE: 1976-07-09
 BT1 targets

LEAD 207

UF actinium d
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 isomeric transition isotopes
 *BT1 lead isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 stable isotopes

LEAD 207 TARGET

ETDE: 1976-07-09
 BT1 targets

LEAD 208

UF thorium d
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 lead isotopes
 *BT1 stable isotopes

LEAD 208 BEAMS

INIS: 1978-05-19; ETDE: 1978-07-05
 *BT1 ion beams

LEAD 208 REACTIONS

INIS: 1978-04-21; ETDE: 1978-07-06
 *BT1 heavy ion reactions

LEAD 208 TARGET

ETDE: 1976-07-09
 BT1 targets

LEAD 209

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 lead isotopes

LEAD 209 TARGET

INIS: 1976-07-30; ETDE: 1976-11-01
 BT1 targets

LEAD 210

UF radium d
 *BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 lead isotopes
 *BT1 years living radioisotopes

LEAD 210 TARGET

INIS: 1976-07-06; ETDE: 1976-08-24
 BT1 targets

LEAD 211

UF actinium b
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei

*BT1 lead isotopes
 *BT1 minutes living radioisotopes

LEAD 212

UF thorium b
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 lead isotopes

LEAD 213

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 lead isotopes
 *BT1 minutes living radioisotopes

LEAD 214

UF radium b
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 lead isotopes
 *BT1 minutes living radioisotopes

LEAD 215

*BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 lead isotopes

LEAD 216

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 lead isotopes

LEAD-ACID BATTERIES

1992-05-04
UF storage batteries (lead-acid)
 *BT1 electric batteries

LEAD ADDITIONS

Alloys containing not more than 1% Pb are listed here.
 *BT1 lead alloys

LEAD ALLOYS

Alloys containing more than 1% Pb.
 BT1 alloys
 NT1 alloy-bi50pb25cd12sn12
 NT2 wood metal
 NT1 cerrobend alloys
 NT1 lead additions
 NT1 lead base alloys
 NT2 terme-metal
 NT1 lead-bismuth eutectic
 NT1 lichtenberg alloy
 NT1 newton-metal
 NT1 ounce metal
 NT1 rose-metal

LEAD BASE ALLOYS

*BT1 lead alloys
 NT1 terme-metal

LEAD-BISMUTH COOLED REACTORS

2018-05-15
 *BT1 lead cooled reactors
 NT1 myrrha facility
 RT lead-bismuth eutectic

LEAD-BISMUTH EUTECTIC

2018-05-15
Eutectic alloy of lead (44,5%) and bismuth (55,5%) used as a coolant in some nuclear reactors. See LEAD-BISMUTH COOLED REACTORS.
 *BT1 bismuth base alloys
 *BT1 lead alloys
 RT coolants
 RT lead-bismuth cooled reactors

LEAD BROMIDES

- *BT1 bromides
- *BT1 lead halides

LEAD CARBIDES

2000-04-12

- *BT1 carbides
- BT1 lead compounds

LEAD CARBONATES

- *BT1 carbonates
- BT1 lead compounds

LEAD CHLORIDES

- *BT1 chlorides
- *BT1 lead halides

LEAD COMPLEXES

- BT1 complexes

LEAD COMPOUNDS

1997-06-17

- NT1 lead carbides
- NT1 lead carbonates
- NT1 lead germanates
- NT1 lead halides
- NT2 lead bromides
- NT2 lead chlorides
- NT2 lead fluorides
- NT2 lead iodides
- NT1 lead hydrides
- NT1 lead hydroxides
- NT1 lead nitrates
- NT1 lead nitrides
- NT1 lead oxides
- NT1 lead perchlorates
- NT1 lead phosphates
- NT1 lead selenides
- NT1 lead silicates
- NT1 lead sulfates
- NT1 lead sulfides
- NT1 lead tellurides
- NT1 lead tungstates
- NT1 plumbates
- NT1 plzt
- NT1 pzt
- NT1 tetraethyl lead

LEAD COOLED REACTORS

2018-05-15

- *BT1 liquid metal cooled reactors
- NT1 brest-od-300 reactor
- NT1 lead-bismuth cooled reactors
- NT2 myrrha facility

LEAD FLUORIDES

- *BT1 fluorides
- *BT1 lead halides

lead-free gasoline

INIS: 1992-07-21; ETDE: 1976-11-02

- USE unleaded gasoline

LEAD GERMANATES

2018-01-24

- *BT1 germanates
- BT1 lead compounds
- RT infrared spectrometers

LEAD HALIDES

1984-04-04

- *BT1 halides
- BT1 lead compounds
- NT1 lead bromides
- NT1 lead chlorides
- NT1 lead fluorides
- NT1 lead iodides

LEAD HYDRIDES

INIS: 2000-04-12; ETDE: 1984-10-10

- *BT1 hydrides
- BT1 lead compounds

LEAD HYDROXIDES

- *BT1 hydroxides
- BT1 lead compounds

LEAD IODIDES

- *BT1 iodides
- *BT1 lead halides

LEAD IONS

- *BT1 ions

LEAD ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 lead 178
- NT1 lead 179
- NT1 lead 180
- NT1 lead 181
- NT1 lead 182
- NT1 lead 183
- NT1 lead 184
- NT1 lead 185
- NT1 lead 186
- NT1 lead 187
- NT1 lead 188
- NT1 lead 189
- NT1 lead 190
- NT1 lead 191
- NT1 lead 192
- NT1 lead 193
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- NT1 lead 206
- NT1 lead 207
- NT1 lead 208
- NT1 lead 209
- NT1 lead 210
- NT1 lead 211
- NT1 lead 212
- NT1 lead 213
- NT1 lead 214
- NT1 lead 215
- NT1 lead 216

lead method

- USE isotope dating

lead minerals

2000-04-12

- USE minerals

LEAD NITRATES

- BT1 lead compounds
- *BT1 nitrates

LEAD NITRIDES

1996-06-28

(From June 1996 to November 2007 LEAD COMPOUNDS + NITRIDES was used for this concept.)

- BT1 lead compounds
- *BT1 nitrides

LEAD ORES

- BT1 ores

LEAD OXIDES

1996-07-23

- BT1 lead compounds
- *BT1 oxides
- RT fourmarierite

- RT hallimondite
- RT moctezumite
- RT oxide minerals
- RT plumbates

LEAD PERCHLORATES

INIS: 2000-04-12; ETDE: 1977-05-07

- BT1 lead compounds
- *BT1 perchlorates

LEAD PHOSPHATES

1996-07-18

- BT1 lead compounds
- *BT1 phosphates
- RT dewindtite
- RT phosphate minerals

LEAD SELENIDES

1977-01-25

- BT1 lead compounds
- *BT1 selenides

LEAD SILICATES

- BT1 lead compounds
- *BT1 silicates
- RT alamosite

LEAD SULFATES

- BT1 lead compounds
- *BT1 sulfates

LEAD SULFIDES

- BT1 lead compounds
- *BT1 sulfides
- RT galena
- RT sulfide minerals

LEAD TELLURIDES

- BT1 lead compounds
- *BT1 tellurides

LEAD TUNGSTATES

INIS: 1979-04-27; ETDE: 1979-05-25

- BT1 lead compounds
- *BT1 tungstates

lead zirconate titanate

INIS: 2000-04-12; ETDE: 1983-01-21

- USE pzt

LEADING ABSTRACT

1991-08-02

- BT1 abstracts

LEADING PARTICLES

INIS: 1981-11-26; ETDE: 1976-09-28

Charged interaction products with large longitudinal momentum.

- BT1 elementary particles
- RT particle models
- RT particle production

LEAK DETECTORS

- RT leak testing
- RT leaks
- RT reactor components

LEAK TESTING

- BT1 testing
- RT leak detectors
- RT leaks
- RT sealed sources

leakage

- USE leaks

leakage (neutron)

- USE neutron leakage

LEAKAGE CURRENT

UF current (leakage)

- *BT1 electric currents
- NT1 dark current

LEAKS

- UF leakage
- RT airtightness
- RT containment
- RT failures
- RT fission product release
- RT gloveboxes
- RT leak detectors
- RT leak testing
- RT porosity
- RT sealed sources

lear

INIS: 2000-04-12; ETDE: 1984-08-20
Low Energy Antiproton storage Ring at CERN.

(Prior to November 1990 this was a valid ETDE descriptor.)

- USE cern lear

learn tandem accelerator

1996-07-18

(Until July 1996 this was a valid descriptor.)

- USE tandem electrostatic accelerators
- USE van de graaff accelerators

LEARNING

- NT1 e-learning
- RT attitudes
- RT behavior
- RT conditioned reflexes
- RT education
- RT training

LEASE CONDENSATES

INIS: 2000-04-12; ETDE: 1979-02-23

Natural gas liquids recovered from gas well gas, associated and non-associated, in lease separators or field facilities.

- *BT1 natural gas liquids
- RT liquefied petroleum gases

LEASES

1992-03-30

- BT1 contracts
- RT land leasing

LEASING

1995-04-06

- NT1 land leasing
- RT administrative procedures
- RT agreements
- RT contracts
- RT legal aspects
- RT resource exploitation
- RT third-party use

LEAST SQUARE FIT

- *BT1 maximum-likelihood fit
- RT prony method

LEATHER

- RT skin

LEAVES

- UF foliage
- NT1 tea leaves
- RT c4 species
- RT calvin cycle species
- RT canopies
- RT chlorophyll
- RT chlorosis
- RT foliar uptake
- RT forest litter
- RT photosynthesis
- RT plants
- RT transpiration

LEBANESE ORGANIZATIONS

2004-03-31

- BT1 national organizations

LEBANON

- BT1 arab countries
- BT1 asia
- BT1 developing countries
- BT1 middle east

lebedev synchrotron

- USE fian synchrotron

LECITHINS

- UF phosphatidylcholine
- *BT1 phospholipids
- RT choline
- RT glycerol

LECTINS

INIS: 1999-07-20; ETDE: 1981-10-24

Substances not known to be antibodies but that combine specifically with antigens and produce phenomena resembling immunological reactions.

- NT1 concanavalin a
- RT antibodies
- RT antigen-antibody reactions
- RT antigens

LECTURES

Should be used to index all pieces of literature which are a lecture or a collection of lectures.

- BT1 document types

led (light emitting diodes)

INIS: 1978-02-23; ETDE: 1978-04-27

- USE light emitting diodes

LEDGEMONT PROCESS

2000-04-12

An oxygen leaching process for converting pyritics in coal slurries to soluble sulfates.

- *BT1 desulfurization
- RT pyrite

LEE MODEL

- *BT1 particle models

LEE-YANG THEORY

- UF salam hypothesis
- UF yang-lee distribution
- RT beta decay
- RT p invariance

leed

- USE electron diffraction

LEGAL ASPECTS

1999-07-20

(From August 1979 till March 1997 LEGAL INCENTIVES was a valid ETDE descriptor.)

- UF coercion
- UF insurance law
- SF document destruction
- SF legal incentives
- NT1 antitrust review
- RT administrative procedures
- RT amendments
- RT atomic energy control
- RT compliance
- RT conflicts of interest
- RT consumer protection
- RT eminent domain
- RT enforcement
- RT executive orders
- RT financial incentives
- RT iaea agreements
- RT inspection
- RT insurance
- RT intervenors
- RT joint ventures
- RT land leasing
- RT land ownership
- RT laws
- RT leasing

- RT legislation
- RT liabilities
- RT licenses
- RT licensing
- RT mineral rights
- RT ownership
- RT patents
- RT political aspects
- RT price-anderson act
- RT property rights
- RT public policy
- RT radiation protection
- RT recommendations
- RT regulations
- RT regulatory guides
- RT repeals
- RT rights-of-way
- RT safeguards
- RT safety standards
- RT sellback
- RT solar rights
- RT time delay
- RT warranties
- RT water rights
- RT workmens compensation

legal incentives

INIS: 2000-04-12; ETDE: 1979-08-07

(Prior to March 1997 this was a valid ETDE descriptor.)

- SEE government policies
- SEE laws
- SEE legal aspects
- SEE regulations

LEGENDRE POLYNOMIALS

- *BT1 polynomials
- RT spherical harmonics method

LEGIONELLA ANISA

INIS: 2000-04-12; ETDE: 1985-05-31

- *BT1 bacteria
- RT bacterial diseases
- RT infectious diseases

LEGIONELLA PNEUMOPHILA

INIS: 1993-07-15; ETDE: 1983-06-20

The bacterium responsible for legionnaires' disease.

- *BT1 bacteria
- RT bacterial diseases
- RT cooling systems
- RT infectious diseases

LEGISLATION

1997-06-19

- UF legislative programs
- RT amendments
- RT freedom of information act
- RT hearings
- RT implementation
- RT laws
- RT legal aspects
- RT legislative text
- RT local government
- RT national government
- RT public policy
- RT regulations
- RT state government
- RT toxic substances control acts
- RT us economic recovery tax act

legislative programs

2000-04-12

- USE legislation

LEGISLATIVE TEXT

INIS: 1987-09-22; ETDE: 1987-10-23
Use only in conjunction with literary indicator
Q for indexing the text of a piece of legislation.
RT laws
RT legislation
RT regulations

LEGNARO NATIONAL LABORATORY

2016-12-12
UF laboratori nazionali di legnaro
RT infn

LEGS

**BT1 limbs*
NT1 feet
RT femur
RT sciatic nerve
RT tibia

LEGUMINOSAE

1997-06-17
UF honeylocust trees
**BT1 magnoliopsida*
NT1 alfalfa
NT1 clover
NT1 glycine hispida
NT1 lens culinaris
NT1 locust trees
NT1 mesquite
NT1 phaseolus
NT1 pisum
NT1 vicia
NT1 vigna
RT mimosine
RT peanuts
RT rhizobium

LEHMANN-KAELEN REPRESENTATION

RT quantum field theory

lehmann-symanzik-zimmermann method

USE lsz theory

LEIBSTADT REACTOR

**BT1 bwr type reactors*

leipzig zfi

INIS: 1986-05-23; ETDE: 2002-03-09
USE zfi leipzig

LEISURE TIME ACTIVITIES

INIS: 2000-04-12; ETDE: 1978-12-28
(From November 1978 till March 1997 LIFE STYLES was a valid ETDE descriptor.)
SF life styles
RT behavior
RT gardening
RT sociology

LEMONIZ-1 REACTOR

INIS: 1977-04-07; ETDE: 1977-06-03
Lemoniz, Vizcaya, Spain.
**BT1 pwr type reactors*

LEMONIZ-2 REACTOR

INIS: 1977-04-07; ETDE: 1977-06-03
Lemoniz, Vizcaya, Spain.
**BT1 pwr type reactors*

LEMONS

**BT1 fruits*
RT citrus

lena triga-mk-2 pulsed reactor

1984-06-21
USE triga-2-pavia reactor

LENDING INSTITUTIONS

INIS: 1993-02-18; ETDE: 1981-06-17
NT1 world bank
RT economy
RT financing

LENGTH

1999-07-20
BT1 dimensions
NT1 bond lengths
NT1 coherence length
NT1 debye length
NT1 diffusion length
NT1 elementary length
NT1 extrapolation length
NT1 migration length
NT1 radiation length
NT1 scattering lengths
NT1 slowing-down length

lenin (nuclear ship)

USE ns lenin

LENIN REACTOR

UF icebreaker lenin reactor
UF nuclear ship lenin reactor
**BT1 pwr type reactors*
**BT1 ship propulsion reactors*
RT ns lenin

LENINGRAD-1 REACTOR

Sosnovyy bor, Leningrad, Russian Federation.
UF rbmk-1000 reactor
**BT1 enriched uranium reactors*
**BT1 lwgr type reactors*
**BT1 power reactors*
**BT1 thermal reactors*

LENINGRAD-2 REACTOR

Sosnovyy bor, Leningrad, Russian Federation.
**BT1 enriched uranium reactors*
**BT1 lwgr type reactors*
**BT1 power reactors*
**BT1 thermal reactors*

LENINGRAD-3 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
**BT1 enriched uranium reactors*
**BT1 lwgr type reactors*
**BT1 power reactors*
**BT1 thermal reactors*

LENINGRAD-4 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
**BT1 enriched uranium reactors*
**BT1 lwgr type reactors*
**BT1 power reactors*
**BT1 thermal reactors*

leningrad institute of nuclear physics

INIS: 1997-08-08; ETDE: 1977-04-12
(Until July 1997 this was a valid descriptor.)
USE st petersburg institute of nuclear physics

LENINGRAD**SYNCHROCYCLOTRON**

2000-04-12
**BT1 synchrocyclotrons*

leningrad wwr-m reactor

INIS: 1984-06-21; ETDE: 2002-03-09
USE wwr-m-leningrad reactor

LENNARD-JONES POTENTIAL

BT1 potentials
RT interatomic forces

lens (crystalline)

USE crystalline lens

LENS CULINARIS

2017-05-17
UF lentil plant
**BT1 leguminosae*
RT lentils

LENSES

NT1 electromagnetic lenses
NT1 electrostatic lenses
NT1 fresnel lens
NT1 gravitational lenses
RT optical systems

lentil plant

2017-05-17
USE lens culinaris

LENTILS

2017-05-17
BT1 seeds
RT lens culinaris

leonid brezhnev (nuclear ship)

INIS: 1984-08-27; ETDE: 1994-08-10
USE ns leonid brezhnev

LEONID BREZHNEV REACTOR

INIS: 1984-08-27; ETDE: 1994-08-10
(Prior to November 1982 known as ARKTIKA REACTOR.)
UF arktika reactor
UF icebreaker arktika reactor
UF icebreaker leonid brezhnev reactor
UF nuclear ship arktika reactor
UF nuclear ship leonid brezhnev reactor
**BT1 pwr type reactors*
**BT1 ship propulsion reactors*
RT ns leonid brezhnev

LEP STORAGE RINGS

INIS: 1995-10-05; ETDE: 1977-11-10
European Large Electron-Positron storage rings.
UF cern lep
BT1 storage rings
**BT1 synchrotrons*

LEPIDOPTERA

INIS: 1985-03-15; ETDE: 1981-06-16
**BT1 insects*
NT1 moths
NT2 bollworm
NT2 codling moth
NT2 lymantria dispar
NT2 rice stem borers
NT2 silkworm

LEPROSY

**BT1 bacterial diseases*
RT mycobacterium

LEPTIN

2003-02-10
**BT1 peptide hormones*
**BT1 polypeptides*
RT adipose tissue
RT fat cells
RT fats

LEPTON-BARYON INTERACTIONS

1996-10-22
(Prior to March 1997 LEPTON-HYPERON INTERACTIONS was a valid ETDE descriptor.)
UF lepton-hyperon interactions
**BT1 lepton-hadron interactions*
NT1 lepton-nucleon interactions
NT2 deep inelastic scattering
NT2 electron-nucleon interactions
NT3 electron-neutron interactions
NT3 electron-proton interactions
NT2 lepton-neutron interactions

- NT3 antilepton-neutron interactions
- NT4 antineutrino-neutron interactions
- NT2 lepton-proton interactions
- NT3 antilepton-proton interactions
- NT4 antineutrino-proton interactions
- NT2 muon-nucleon interactions
- NT3 muon-neutron interactions
- NT3 muon-proton interactions
- NT2 neutrino-nucleon interactions
- NT3 antineutrino-nucleon interactions
- NT4 antineutrino-neutron interactions
- NT4 antineutrino-proton interactions
- NT3 neutrino-neutron interactions
- NT4 antineutrino-neutron interactions
- NT3 neutrino-proton interactions
- NT4 antineutrino-proton interactions

LEPTON BEAMS

- *BT1 particle beams
- NT1 electron beams
- NT1 muon beams
- NT1 neutrino beams
- NT2 antineutrino beams
- NT1 positron beams

lepton-deuteron interactions

- USE deuterium target
- USE lepton reactions

LEPTON-HADRON INTERACTIONS

- *BT1 particle interactions
- NT1 lepton-baryon interactions
- NT2 lepton-nucleon interactions
- NT3 deep inelastic scattering
- NT3 electron-nucleon interactions
- NT4 electron-neutron interactions
- NT4 electron-proton interactions
- NT3 lepton-neutron interactions
- NT4 antilepton-neutron interactions
- NT5 antineutrino-neutron interactions
- NT3 lepton-proton interactions
- NT4 antilepton-proton interactions
- NT5 antineutrino-proton interactions
- NT3 muon-nucleon interactions
- NT4 muon-neutron interactions
- NT4 muon-proton interactions
- NT3 neutrino-nucleon interactions
- NT4 antineutrino-nucleon interactions
- NT5 antineutrino-neutron interactions
- NT5 antineutrino-proton interactions
- NT4 neutrino-neutron interactions
- NT5 antineutrino-neutron interactions
- NT4 neutrino-proton interactions
- NT5 antineutrino-proton interactions
- NT1 lepton-meson interactions
- NT2 electron-meson interactions
- NT3 electron-pion interactions
- NT2 muon-meson interactions
- NT2 neutrino-meson interactions
- RT electromagnetic interactions
- RT weak interactions

lepton-hyperon interactions

- 1996-10-22
- (Until October 1996 this was a valid descriptor.)
- USE lepton-baryon interactions

LEPTON-LEPTON INTERACTIONS

- *BT1 particle interactions

- NT1 electron-electron interactions
- NT1 electron-muon interactions
- NT1 electron-positron interactions
- NT1 muon-muon interactions
- NT1 neutrino-electron interactions
- NT2 antineutrino-electron interactions
- NT1 neutrino-muon interactions
- NT1 neutrino-neutrino interactions
- NT1 positron-positron interactions
- RT electromagnetic interactions
- RT weak interactions

LEPTON-MESON INTERACTIONS

- *BT1 lepton-hadron interactions
- NT1 electron-meson interactions
- NT2 electron-pion interactions
- NT1 muon-meson interactions
- NT1 neutrino-meson interactions

LEPTON-NEUTRON INTERACTIONS

- INIS: 1977-01-25; ETDE: 1977-04-13
- *BT1 lepton-nucleon interactions
- NT1 antilepton-neutron interactions
- NT2 antineutrino-neutron interactions

LEPTON-NUCLEON INTERACTIONS

- *BT1 lepton-baryon interactions
- NT1 deep inelastic scattering
- NT1 electron-nucleon interactions
- NT2 electron-neutron interactions
- NT2 electron-proton interactions
- NT1 lepton-neutron interactions
- NT2 antilepton-neutron interactions
- NT3 antineutrino-neutron interactions
- NT1 lepton-proton interactions
- NT2 antilepton-proton interactions
- NT3 antineutrino-proton interactions
- NT1 muon-nucleon interactions
- NT2 muon-neutron interactions
- NT2 muon-proton interactions
- NT1 neutrino-nucleon interactions
- NT2 antineutrino-nucleon interactions
- NT3 antineutrino-neutron interactions
- NT3 antineutrino-proton interactions
- NT2 neutrino-neutron interactions
- NT3 antineutrino-neutron interactions
- NT2 neutrino-proton interactions
- NT3 antineutrino-proton interactions

LEPTON NUMBER

- NT1 muon number
- RT gauge invariance
- RT leptons

LEPTON-PROTON INTERACTIONS

- ETDE: 1975-09-11
- *BT1 lepton-nucleon interactions
- NT1 antilepton-proton interactions
- NT2 antineutrino-proton interactions

LEPTON REACTIONS

- UF lepton-deuteron interactions
- BT1 nuclear reactions
- NT1 electron reactions
- NT2 electrofission
- NT1 muon reactions
- NT1 neutrino reactions
- NT1 positron reactions
- RT emc effect

LEPTONIC DECAY

Weak decay in which all decay products are leptons with at least one being a neutrino.

- *BT1 weak interactions
- *BT1 weak particle decay
- RT neutrinos
- RT semileptonic decay

LEPTONS

1996-07-18
(Prior to March 1997 FEINBERG-PAIS THEORY was a valid ETDE descriptor.)

- SF feynberg-pais theory
- SF peratization procedure
- BT1 elementary particles
- BT1 fermions
- NT1 antileptons
- NT2 antineutrinos
- NT3 electron antineutrinos
- NT3 muon antineutrinos
- NT2 muons plus
- NT2 positrons
- NT3 cosmic positrons
- NT1 electrons
- NT2 cosmic electrons
- NT2 exoelectrons
- NT2 prompt electrons
- NT2 runaway electrons
- NT2 solar electrons
- NT2 solvated electrons
- NT2 tail electrons
- NT2 trapped electrons
- NT1 heavy leptons
- NT2 heavy neutral muons
- NT2 tau neutrinos
- NT2 tau particles
- NT1 muons
- NT2 cosmic muons
- NT2 muons minus
- NT2 muons plus
- NT1 neutrinos
- NT2 antineutrinos
- NT3 electron antineutrinos
- NT3 muon antineutrinos
- NT2 atmospheric neutrinos
- NT3 conventional neutrinos
- NT3 prompt neutrinos
- NT2 cosmic neutrinos
- NT2 electron neutrinos
- NT3 electron antineutrinos
- NT2 geoneutrinos
- NT2 muon neutrinos
- NT3 muon antineutrinos
- NT2 reactor neutrinos
- NT2 solar neutrinos
- NT2 sterile neutrinos
- NT2 tau neutrinos
- RT lepton number
- RT preons
- RT semileptonic decay

LEPTOQUARKS

- 2013-10-24
- BT1 bosons
- *BT1 postulated particles

lermontovite

- 1996-06-28
- (Until June 1996 this was a valid descriptor.)
- USE phosphate minerals
- USE uranium minerals

LESOTHO

- BT1 africa
- BT1 developing countries

LESSER ANTILLES

- INIS: 1992-06-04; ETDE: 1980-02-11
- *BT1 west indies
- NT1 antigua and barbuda
- NT1 barbados
- NT1 grenada
- NT1 martinique
- NT1 netherlands antilles
- NT1 saint kitts and nevis
- NT1 trinidad and tobago
- NT1 virgin islands

LET

UF *linear energy transfer*
 BT1 energy transfer
 RT biological repair
 RT bragg curve
 RT dose equivalents
 RT energy losses
 RT ionization
 RT microdosimetry
 RT oxygen enhancement ratio
 RT quality factor
 RT radiation quality
 RT rbe

LETHAL DOSES

INIS: 1986-03-04; ETDE: 1976-04-19
 UF *doses (lethal)*
 BT1 doses
 NT1 lethal radiation dose
 RT hazardous materials
 RT toxicity

LETHAL GENES

BT1 genes
 RT lethal mutations

LETHAL IRRADIATION

BT1 irradiation
 RT death
 RT dose-response relationships
 RT lethal radiation dose
 RT mortality
 RT sublethal irradiation
 RT supralethal irradiation
 RT survival curves
 RT survival time

LETHAL MUTATIONS

UF *lethals*
 BT1 mutations
 RT lethal genes

LETHAL RADIATION DOSE

Referring to a percentage kill, frequently with a time indication.
 UF *ld 50*
 *BT1 lethal doses
 *BT1 radiation doses
 RT lethal irradiation
 RT sublethal irradiation
 RT supralethal irradiation

lethals

USE lethal mutations

letters-of-credit

INIS: 2000-04-12; ETDE: 1983-05-21
 SEE financing

LETTUCE

*BT1 magnoliopsida
 *BT1 vegetables

LEUCINE

UF *aminoisocaproic acid-alpha*
 *BT1 amino acids

leucocytes

USE leukocytes

leucovorin

INIS: 2000-04-12; ETDE: 1978-12-11
 USE citrovorum factor

LEUKEMIA

*BT1 immune system diseases
 *BT1 neoplasms
 NT1 myeloid leukemia
 RT bone marrow
 RT leukemia viruses
 RT leukemogenesis
 RT leukocytes

RT lymphatic system
 RT oncogenic viruses
 RT splenomegaly
 RT vinblastine

LEUKEMIA VIRUSES

INIS: 1977-09-06; ETDE: 1977-10-20
 *BT1 oncogenic viruses
 RT experimental neoplasms
 RT leukemia

LEUKEMOGENESIS

*BT1 carcinogenesis
 RT leukemia

LEUKOCYTES

UF *granulocytes*
 UF *leucocytes*
 SF *leukocytin*
 *BT1 blood cells
 NT1 basophils
 NT1 eosinophils
 NT1 lymphocytes
 NT1 monocytes
 NT1 natural killer cells
 NT1 neutrophils
 RT aids
 RT leukemia
 RT leukopenia
 RT leukopoiesis
 RT phagocytes

leukocytin

2000-04-12
Substance in blood that stimulates the formation of leukocytes.
 (Prior to January 1995, this was a valid ETDE descriptor.)
 SEE blood formation
 SEE leukocytes

LEUKOPENIA

*BT1 hemic diseases
 *BT1 immune system diseases
 BT1 symptoms
 NT1 lymphopenia
 RT leukocytes
 RT pathological changes

LEUKOPOIESIS

UF *lymphopoiesis*
 BT1 blood formation
 RT immune system diseases
 RT leukocytes

level density

USE energy-level density

LEVEL INDICATORS

BT1 measuring instruments
 RT radiometric gages

LEVEL MIXING RESONANCE

INIS: 1986-08-19; ETDE: 1989-09-18
A resonant method which measures nuclear electric quadrupole and magnetic dipole interactions.
 BT1 resonance
 RT nuclear magnetic resonance
 RT nuclear quadrupole resonance

level schemes

USE energy levels

LEVEL WIDTHS

RT energy-level density
 RT energy levels
 RT lifetime
 RT line widths
 RT porter-thomas distribution

LEVELS

1996-08-05
Limited to vertical distance; see also ENERGY LEVELS.
 UF *elevation*
 NT1 ground level
 NT1 sea level
 NT1 underground
 NT1 underwater
 RT altitude
 RT height

LEVINGER-BETHE THEORY

UF *levinger method*
 RT nucleons
 RT photoproduction

levinger method

USE levinger-bethe theory

LEVINSON THEOREM

RT quantum mechanics
 RT scattering

LEVITATED TRAINS

INIS: 2000-04-12; ETDE: 1975-11-11
 UF *magnetic levitated trains*
 *BT1 trains
 RT levitation
 RT railways

LEVITATION

RT levitated trains
 RT magnetic fields

LEVITRON DEVICES

*BT1 internal ring devices

LEVULINIC ACID

UF *acetylpropionic acid-beta*
 UF *ketovaleric acid-gamma*
 *BT1 keto acids

levulose

USE fructose

levy-klein potential

1996-06-28
 (Until June 1996 this was a valid descriptor.)
 USE potentials

levy potential

1996-06-28
 (Prior to July 1996 LEVY-KLEIN POTENTIAL was a valid ETDE descriptor.)
 USE potentials

LEWIS ACIDS

1994-06-27
Substances that can accept an electron pair.
 *BT1 inorganic acids
 RT broensted acids
 RT lewis bases

LEWIS BASES

1994-06-27
Substances that can donate an electron pair.
 BT1 bases
 RT lewis acids

lewis effect

USE lewis peak

LEWIS NUMBER

2007-01-08
 BT1 dimensionless numbers
 RT heat transfer
 RT mass transfer

LEWIS PEAK

UF *lewis effect*
 RT nuclear reactions

LEWIS RIVER

INIS: 2000-04-12; ETDE: 1981-05-18

*BT1 rivers

RT hydroelectric power plants

RT washington

leyden event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

LFR REACTOR

Stichting Energieonderzoek Centrum Nederland, Petten, Netherlands. Under decommissioning since 2011.

UF lage flux reaktor petten

UF low flux reactor petten

UF petten low flux reactor

*BT1 argonaut type reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 training reactors

lh (luteinizing hormone)

ETDE: 2005-01-28

(Prior to January 2005 LH was a valid descriptor.)

USE luteinizing hormone

LH-RH

LH-Releasing Hormone.

*BT1 liberins

RT luteinizing hormone

LHCB DETECTOR

2015-10-27

UF lhcb experiment

*BT1 radiation detectors

RT cern

RT cern lhcb

lhcb experiment

2015-10-27

USE lhcb detector

LHD DEVICE

INIS: 1998-09-23; ETDE: 1998-07-16

Large Helical Device, National Institute for Fusion Sciences, Nagoya, Japan.

*BT1 closed plasma devices

RT heliotron

RT torsatron stellarators

lhr heating

INIS: 1984-04-04; ETDE: 2002-03-28

Lower hybrid resonance heating.

USE lower hybrid heating

LI-DRIFTED DETECTORS

*BT1 semiconductor detectors

NT1 li-drifted ge detectors

NT1 li-drifted junction detectors

NT1 li-drifted si detectors

LI-DRIFTED GE DETECTORS

UF ge(li) detectors

*BT1 ge semiconductor detectors

*BT1 li-drifted detectors

LI-DRIFTED JUNCTION DETECTORS

*BT1 junction detectors

*BT1 li-drifted detectors

LI-DRIFTED SI DETECTORS

UF si(li) detectors

*BT1 li-drifted detectors

*BT1 si semiconductor detectors

LIABILITIES

UF absolute liability

UF accountability (legal)

UF contractual liability

UF cumulative liability

UF exclusive liability

UF fault liability

UF joint liability

UF state liability

SF accountability

NT1 civil liability

NT1 nuclear liability

RT accident management

RT accidents

RT bcolons

RT exceptional natural disaster

RT financial security

RT hazards

RT indemnification agreements

RT insurance

RT joint ventures

RT legal aspects

RT liability exclusions

RT liability limitations

RT pcoptl

RT time limitations

RT victims compensation

liability conv maritime carriage**nuclear materials**

2000-04-12

USE bcoclmcnm

liability conv nuclear damage, vienna

2000-04-12

USE vcoclnld

liability conv on third party, brussels

2000-04-12

USE bcstpc

liability conv on third party, paris

2000-04-12

USE pcoptl

liability convention on operation of nuclear ships

ETDE: 2002-03-27

USE bcolons

LIABILITY EXCLUSIONS

INIS: 1976-12-08; ETDE: 1994-08-10

When under an international convention or national law the nuclear operator is not liable for the damage caused.

UF exclusions (liability)

RT liabilities

RT nuclear liability

LIABILITY LIMITATIONS

INIS: 1976-12-08; ETDE: 1994-08-10

When under an international convention or national law the liability of the nuclear operator for the damage caused is limited.

UF limitations (liability)

RT liabilities

RT nuclear liability

RT time limitations

liapunov method

INIS: 1976-09-06; ETDE: 1976-11-01

USE lyapunov method

LIBERIA

BT1 africa

BT1 developing countries

LIBERINS

INIS: 1983-02-03; ETDE: 1983-03-07

UF releasing factors

UF releasing hormones

*BT1 pituitary hormones

NT1 lh-rh

LIBRARIES

INIS: 1994-08-26; ETDE: 1975-11-28

RT buildings

RT data compilation

RT educational facilities

RT information

RT information centers

RT information systems

RT nuclear data collections

RT public buildings

libya

1997-01-06

(Until January 1997 this was a valid descriptor.)

USE libyan arab jamahiriya

LIBYAN ARAB JAMAHIRIYA

INIS: 1997-01-06; ETDE: 1996-12-24

(Until January 1997 this concept was indexed to LIBYA.)

UF libya

BT1 africa

BT1 arab countries

BT1 developing countries

RT oapec

RT opec

libyan irt-1 reactor

2005-01-24

USE irt-1 libya reactor

LICADO PROCESS

INIS: 2000-04-12; ETDE: 1986-04-29

Use of liquid carbon dioxide as a non-aqueous medium for cleaning ultrafine coal.

BT1 coal preparation

BT1 separation processes

LICENSE APPLICATIONS

INIS: 1996-02-12; ETDE: 1980-08-25

UF permit applications

BT1 administrative procedures

RT licenses

LICENSES

UF commercial licenses

UF handling licenses

UF permits

UF research licenses

NT1 construction permits

NT1 decommissioning licenses

NT1 operating licenses

RT legal aspects

RT license applications

RT licensing procedures

RT licensing regulations

RT property rights

RT site approvals

LICENSING

NT1 reactor licensing

RT audits

RT certification

RT inspection

RT legal aspects

RT patents

RT quality assurance

RT radiation protection

RT recommendations

RT regulations

RT safety standards

RT site selection

LICENSING PROCEDURES

INIS: 1976-12-08; ETDE: 1992-08-17

(Prior to August 1992 this concept in ETDE was indexed to LICENSE APPLICATIONS.)

BT1 administrative procedures

RT hearings

RT licenses

RT operating licenses

LICENSING REGULATIONS

INIS: 1976-12-08; ETDE: 1992-10-13

*BT1 regulations
RT licenses
RT operating licenses
RT retrofitting
RT risk assessment
RT safety analysis
RT safety reports

LICHENS

*BT1 algae
*BT1 eumycota

LICHTENBERG ALLOY

2000-04-12

*BT1 bismuth base alloys
*BT1 lead alloys
*BT1 tin alloys

LICHTENBERG FIGURES

RT breakdown
RT corona discharges
RT dielectric materials

lichtenberg process

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

USE coal gasification

lidar

INIS: 1992-04-13; ETDE: 1979-01-30

USE optical radar

LIDO REACTOR

Decommissioned since 1995.

UF ukaea-lido reactor
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors

LIE GROUPS

BT1 symmetry groups
NT1 anti de sitter group
NT1 conformal groups
NT1 de sitter group
NT1 graded lie groups
NT1 o groups
NT1 poincare groups
NT2 lorentz groups
NT1 sl groups
NT1 so groups
NT2 so-10 groups
NT2 so-12 groups
NT2 so-2 groups
NT2 so-3 groups
NT2 so-4 groups
NT2 so-5 groups
NT2 so-6 groups
NT2 so-8 groups

NT1 sp groups
NT1 su groups
NT2 su-2 groups
NT2 su-3 groups
NT2 su-4 groups
NT2 su-5 groups
NT2 su-6 groups
NT2 su-7 groups
NT2 su-8 groups
NT2 su-9 groups
NT1 sw groups
NT1 u groups
NT2 u-1 groups
NT2 u-12 groups
NT2 u-2 groups
NT2 u-3 groups
NT2 u-4 groups

NT2 u-5 groups
NT2 u-6 groups
RT lattice field theory

lie superalgebra

INIS: 1978-11-24; ETDE: 1978-12-20

USE graded lie groups

liebigite

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE carbonate minerals
USE uranium minerals

life (service)

INIS: 2000-04-12; ETDE: 1976-08-05

USE service life

LIFE CYCLE

RT adolescents
RT adults
RT age groups
RT aged adults
RT children
RT elderly people
RT growth
RT infants
RT life span
RT ova
RT pregnancy
RT pupae
RT reproduction
RT ripening
RT viability

LIFE CYCLE ASSESSMENT

INIS: 2001-03-27; ETDE: 2001-04-30

UF ecobalance
SF energy content
RT energy consumption
RT environmental impacts
RT environmental policy
RT life-cycle cost
RT resource conservation

LIFE-CYCLE COST

INIS: 1992-04-14; ETDE: 1976-04-19

The estimated total cost of a system during its entire service life.

BT1 cost
RT cost benefit analysis
RT cost estimation
RT economics
RT external cost
RT life cycle assessment
RT payback period
RT service life

life shortening

USE life span

LIFE SPAN

UF life shortening
RT age dependence
RT death
RT dose commitments
RT life cycle
RT mortality

life styles

INIS: 2000-04-12; ETDE: 1978-11-14

The manners in which the daily lives of individuals or, more generally, communities and the types of values reflected by this organization, are organized.

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE behavior
SEE leisure time activities
SEE socio-economic factors

LIFE SUPPORT SYSTEMS

INIS: 1999-08-04; ETDE: 1979-05-02

Systems providing atmospheric control and monitoring.

RT decontamination
RT diving operations
RT miners
RT protective clothing
RT respirators

LIFETIME

UF mean life
NT1 carrier lifetime
NT1 service life
NT2 lifetime extension
RT charge plunger method
RT days living radioisotopes
RT decay
RT dsa method
RT half-life
RT hours living radioisotopes
RT level widths
RT microseconds living radioisotopes
RT milliseconds living radioisotopes
RT minutes living radioisotopes
RT nanoseconds living radioisotopes
RT particle properties
RT particle widths
RT seconds living radioisotopes
RT storage life
RT years living radioisotopes

LIFETIME EXTENSION

INIS: 2004-11-26; ETDE: 2004-12-01

*BT1 service life
RT reactor licensing
RT reactor life cycle
RT reactor operation

LIFT CYCLES

INIS: 2000-04-12; ETDE: 1980-08-12

Open power cycles that use lift processes to increase the potential energy of transported water which turns a hydraulic turbine for power generation.

UF foam-lift cycles
UF otec foam-lift cycle
UF otec lift cycles
SF beck cycle
BT1 thermodynamic cycles
NT1 mist-lift cycles
RT ocean thermal power plants
RT open-cycle systems

lifts

2006-08-23

USE elevators

LIGAMENTS

*BT1 connective tissue

ligand exchange

INIS: 1984-04-04; ETDE: 2002-03-28

USE ion exchange
USE ligands

LIGANDS

UF ligand exchange
RT complexes
RT coordination number
RT crown ethers
RT ligases
RT stereochemistry

LIGASES

Code number 6.

UF synthetases
*BT1 enzymes
RT biosynthesis
RT complexes
RT ligands

light

USE visible radiation

light (zodiacal)

USE zodiacal light

LIGHT BULB REACTORS

*BT1 gas fueled reactors

LIGHT BULBS

INIS: 2000-04-12; ETDE: 1977-07-23

UF incandescent lamps

UF lamps

NT1 fluorescent lamps

RT lighting systems

LIGHT CONE

BT1 space-time

RT cherenkov radiation

RT minkowski space

RT relativity theory

LIGHT EMITTING DIODES

UF led (light emitting diodes)

*BT1 semiconductor diodes

light guides

INIS: 2000-04-12; ETDE: 1982-03-29

USE optical fibers

LIGHT IONS

INIS: 1977-09-15; ETDE: 1977-11-10

Whenever appropriate use one of the specific terms listed under ION BEAMS.

*BT1 ions

RT ion beams

RT ion detection

RT multicharged ions

LIGHT NUCLEI

For nuclei with mass 1-40.

BT1 nuclei

NT1 aluminium 21

NT1 aluminium 22

NT1 aluminium 23

NT1 aluminium 24

NT1 aluminium 25

NT1 aluminium 26

NT1 aluminium 27

NT1 aluminium 28

NT1 aluminium 29

NT1 aluminium 30

NT1 aluminium 31

NT1 aluminium 32

NT1 aluminium 33

NT1 aluminium 34

NT1 aluminium 35

NT1 aluminium 36

NT1 aluminium 37

NT1 aluminium 38

NT1 aluminium 39

NT1 aluminium 40

NT1 argon 30

NT1 argon 31

NT1 argon 32

NT1 argon 33

NT1 argon 34

NT1 argon 35

NT1 argon 36

NT1 argon 37

NT1 argon 38

NT1 argon 39

NT1 argon 40

NT1 beryllium 10

NT1 beryllium 11

NT1 beryllium 12

NT1 beryllium 13

NT1 beryllium 14

NT1 beryllium 15

NT1 beryllium 16

NT1 beryllium 5

NT1 beryllium 6

NT1 beryllium 7

NT1 beryllium 8

NT1 beryllium 9

NT1 boron 10

NT1 boron 11

NT1 boron 12

NT1 boron 13

NT1 boron 14

NT1 boron 15

NT1 boron 16

NT1 boron 17

NT1 boron 18

NT1 boron 19

NT1 boron 6

NT1 boron 7

NT1 boron 8

NT1 boron 9

NT1 calcium 34

NT1 calcium 35

NT1 calcium 36

NT1 calcium 37

NT1 calcium 38

NT1 calcium 39

NT1 calcium 40

NT1 carbon 10

NT1 carbon 11

NT1 carbon 12

NT1 carbon 13

NT1 carbon 14

NT1 carbon 15

NT1 carbon 16

NT1 carbon 17

NT1 carbon 18

NT1 carbon 19

NT1 carbon 20

NT1 carbon 21

NT1 carbon 22

NT1 carbon 8

NT1 carbon 9

NT1 chlorine 28

NT1 chlorine 29

NT1 chlorine 30

NT1 chlorine 31

NT1 chlorine 32

NT1 chlorine 33

NT1 chlorine 34

NT1 chlorine 35

NT1 chlorine 36

NT1 chlorine 37

NT1 chlorine 38

NT1 chlorine 39

NT1 chlorine 40

NT1 deuterium

NT1 fluorine 14

NT1 fluorine 15

NT1 fluorine 16

NT1 fluorine 17

NT1 fluorine 18

NT1 fluorine 19

NT1 fluorine 20

NT1 fluorine 21

NT1 fluorine 22

NT1 fluorine 23

NT1 fluorine 24

NT1 fluorine 25

NT1 fluorine 26

NT1 fluorine 27

NT1 fluorine 28

NT1 fluorine 29

NT1 fluorine 30

NT1 fluorine 31

NT1 helium 10

NT1 helium 2

NT1 helium 3

NT2 helium 3 a

NT2 helium 3 a1

NT2 helium 3 b

NT1 helium 4

NT2 helium i

NT2 helium ii

NT1 helium 5

NT1 helium 6

NT1 helium 7

NT1 helium 8

NT1 helium 9

NT1 hydrogen 1

NT1 hydrogen 4

NT1 hydrogen 5

NT1 hydrogen 6

NT1 hydrogen 7

NT1 lithium 10

NT1 lithium 11

NT1 lithium 12

NT1 lithium 13

NT1 lithium 3

NT1 lithium 4

NT1 lithium 5

NT1 lithium 6

NT1 lithium 7

NT1 lithium 8

NT1 lithium 9

NT1 magnesium 19

NT1 magnesium 20

NT1 magnesium 21

NT1 magnesium 22

NT1 magnesium 23

NT1 magnesium 24

NT1 magnesium 25

NT1 magnesium 26

NT1 magnesium 27

NT1 magnesium 28

NT1 magnesium 29

NT1 magnesium 30

NT1 magnesium 31

NT1 magnesium 32

NT1 magnesium 33

NT1 magnesium 34

NT1 magnesium 35

NT1 magnesium 36

NT1 magnesium 37

NT1 magnesium 38

NT1 magnesium 39

NT1 magnesium 40

NT1 neon 16

NT1 neon 17

NT1 neon 18

NT1 neon 19

NT1 neon 20

NT1 neon 21

NT1 neon 22

NT1 neon 23

NT1 neon 24

NT1 neon 25

NT1 neon 26

NT1 neon 27

NT1 neon 28

NT1 neon 29

NT1 neon 30

NT1 neon 31

NT1 neon 32

NT1 neon 33

NT1 neon 34

NT1 nitrogen 10

NT1 nitrogen 11

NT1 nitrogen 12

NT1 nitrogen 13

NT1 nitrogen 14

NT1 nitrogen 15

NT1 nitrogen 16

NT1 nitrogen 17

NT1 nitrogen 18

NT1 nitrogen 19

NT1 nitrogen 20

NT1 nitrogen 21

NT1 nitrogen 22

NT1 nitrogen 23

NT1 nitrogen 24

NT1 nitrogen 25
 NT1 oxygen 12
 NT1 oxygen 13
 NT1 oxygen 14
 NT1 oxygen 15
 NT1 oxygen 16
 NT1 oxygen 17
 NT1 oxygen 18
 NT1 oxygen 19
 NT1 oxygen 20
 NT1 oxygen 21
 NT1 oxygen 22
 NT1 oxygen 23
 NT1 oxygen 24
 NT1 oxygen 25
 NT1 oxygen 26
 NT1 oxygen 27
 NT1 oxygen 28
 NT1 phosphorus 21
 NT1 phosphorus 24
 NT1 phosphorus 25
 NT1 phosphorus 26
 NT1 phosphorus 27
 NT1 phosphorus 28
 NT1 phosphorus 29
 NT1 phosphorus 30
 NT1 phosphorus 31
 NT1 phosphorus 32
 NT1 phosphorus 33
 NT1 phosphorus 34
 NT1 phosphorus 35
 NT1 phosphorus 36
 NT1 phosphorus 37
 NT1 phosphorus 38
 NT1 phosphorus 39
 NT1 phosphorus 40
 NT1 potassium 32
 NT1 potassium 33
 NT1 potassium 34
 NT1 potassium 35
 NT1 potassium 36
 NT1 potassium 37
 NT1 potassium 38
 NT1 potassium 39
 NT1 potassium 40
 NT1 scandium 36
 NT1 scandium 37
 NT1 scandium 38
 NT1 scandium 39
 NT1 scandium 40
 NT1 silicon 22
 NT1 silicon 23
 NT1 silicon 24
 NT1 silicon 25
 NT1 silicon 26
 NT1 silicon 27
 NT1 silicon 28
 NT1 silicon 29
 NT1 silicon 30
 NT1 silicon 31
 NT1 silicon 32
 NT1 silicon 33
 NT1 silicon 34
 NT1 silicon 35
 NT1 silicon 36
 NT1 silicon 37
 NT1 silicon 38
 NT1 silicon 39
 NT1 silicon 40
 NT1 sodium 18
 NT1 sodium 19
 NT1 sodium 20
 NT1 sodium 21
 NT1 sodium 22
 NT1 sodium 23
 NT1 sodium 24
 NT1 sodium 25
 NT1 sodium 26
 NT1 sodium 27

NT1 sodium 28
 NT1 sodium 29
 NT1 sodium 30
 NT1 sodium 31
 NT1 sodium 32
 NT1 sodium 33
 NT1 sodium 34
 NT1 sodium 35
 NT1 sodium 37
 NT1 sulfur 24
 NT1 sulfur 26
 NT1 sulfur 27
 NT1 sulfur 28
 NT1 sulfur 29
 NT1 sulfur 30
 NT1 sulfur 31
 NT1 sulfur 32
 NT1 sulfur 33
 NT1 sulfur 34
 NT1 sulfur 35
 NT1 sulfur 36
 NT1 sulfur 37
 NT1 sulfur 38
 NT1 sulfur 39
 NT1 sulfur 40
 NT1 titanium 38
 NT1 titanium 39
 NT1 titanium 40
 NT1 tritium
 NT1 vanadium 40
 RT nuclear structure

LIGHT PIPES

RT scintillation counters

LIGHT SCATTERING

1994-07-01

BT1 scattering
 RT diffuse solar radiation
 RT optical properties
 RT visible radiation

LIGHT SOURCES

BT1 radiation sources
 RT advanced light source
 RT advanced photon source
 RT lasers
 RT nsIs
 RT photon beams
 RT pohang light source
 RT sesame synchrotron laboratory
 RT swiss light source
 RT synchrotron radiation sources
 RT visible radiation

LIGHT TRANSMISSION

1992-03-30

BT1 transmission
 RT fiber optics
 RT opacity
 RT optical properties
 RT optoelectronic devices

light water cooled reactors

INIS: 2000-04-12; ETDE: 1979-12-17

USE water cooled reactors

light water moderated reactors

INIS: 2000-04-12; ETDE: 1979-12-17

USE water moderated reactors

lighter-than-air craft

INIS: 2000-04-12; ETDE: 1980-01-15

(Prior to March 1996 AIRSHIPS was used for this concept in ETDE.)

USE aircraft

LIGHTERING

INIS: 2000-04-12; ETDE: 1979-08-08

Transshipment of petroleum from VLCC to second vessel in order to reduce VLCC draft so that she can enter harbor.

BT1 materials handling
 RT petroleum
 RT tanker ships
 RT transport

LIGHTING LOADS

INIS: 2000-04-12; ETDE: 1981-05-18

RT lighting systems

LIGHTING REQUIREMENTS

INIS: 2006-03-03; ETDE: 2006-02-24

BT1 demand
 RT brightness
 RT daylighting
 RT illuminance
 RT lighting systems
 RT visible radiation

LIGHTING SYSTEMS

1986-03-04

UF illumination systems
 BT1 energy systems
 RT ballasts
 RT building technology suite
 RT daylighting
 RT electrical equipment
 RT fluorescent lamps
 RT illuminance
 RT light bulbs
 RT lighting loads
 RT lighting requirements
 RT optical systems
 RT remote viewing equipment
 RT skylights
 RT visible radiation

LIGHTNING

BT1 electric discharges
 NT1 ball lightning
 RT storms
 RT whistlers

LIGHTNING ARRESTERS

*BT1 electrical equipment
 RT circuit breakers

lightwood

INIS: 2000-04-12; ETDE: 1980-10-28

A coniferous wood containing oleoresins or other volatile flammable substances.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE wood

LIGNIN

*BT1 polysaccharides
 RT bark
 RT biomass
 RT delignification
 RT glycosides
 RT hemicellulose
 RT polyacetals
 RT wood
 RT xylans

LIGNITE

SF soft coal
 *BT1 brown coal
 RT subbituminous coal

LIGROIN

INIS: 2000-04-12; ETDE: 1975-12-16

Any of several petroleum naphtha fractions boiling usually in the range 20 to 135 degrees C consisting chiefly of pentanes and hexanes.

UF benzine
 UF petroleum ether

- *BT1 naphtha
- BT1 petroleum products

LILIOPSIDA

INIS: 1996-07-08; ETDE: 1988-12-20

(Prior to August 1996 TRILLIUM was a valid ETDE descriptor.)

- UF monocotyledons
- UF trillium
- *BT1 magnoliophyta
- NT1 allium sativum
- NT1 aloe
- NT1 banana plants
- NT1 buckwheat
- NT1 cattails
- NT1 coconut palms
- NT1 gramineae
- NT2 bamboo
- NT2 cereals
- NT3 barley
- NT3 maize
- NT3 millet
- NT3 oats
- NT3 rice
- NT3 rye
- NT3 sorghum
- NT3 wheat
- NT2 reeds
- NT3 sugar cane
- NT2 switchgrass
- NT1 lilium
- NT1 oil palms
- NT1 onions
- NT2 allium cepa
- NT1 tradescantia
- NT1 water hyacinths

LILIUM

- *BT1 liliopsida

LIMBS

- 1999-04-06
- BT1 body
- NT1 arms
- NT2 hands
- NT3 fingers
- NT1 legs
- NT2 feet
- RT muscles
- RT skeleton

LIME-LIMESTONE WET SCRUBBING PROCESSES

INIS: 1992-08-24; ETDE: 1977-04-12

Any processes for desulfurization of stack gases using a slurry of calcium oxide or calcium carbonate to absorb sulfur dioxide in a wet scrubber.

- UF jecco process
- UF sf nateko process
- *BT1 desulfurization
- BT1 scrubbing
- NT1 bischoff process
- RT waste processing

LIME-SODA SINTER PROCESS

INIS: 2000-04-12; ETDE: 1981-03-17

A high temperature method for extracting aluminium from fly ash while also producing a by-product used in the manufacture of Portland cement.

- *BT1 waste processing
- RT aluminium
- RT fly ash
- RT materials recovery
- RT portland cement

LIMERICK-1 REACTOR

Exelon Generation Co., LLC, Limerick, Pennsylvania, USA.

- UF philadelphia electric power reactor-1

- *BT1 bwr type reactors

LIMERICK-2 REACTOR

Exelon Generation Co., LLC, Limerick, Pennsylvania, USA.

- UF philadelphia electric power reactor-2
- *BT1 bwr type reactors

LIMESTONE

- UF chalks
- UF dolomite rock
- *BT1 carbonate rocks
- NT1 travertine
- RT calcite
- RT calcium carbonates
- RT dolomite
- RT magnesium carbonates

limestone dual alkali desulfurization process

INIS: 2000-04-12; ETDE: 1982-12-01

- USE cea-adl dual alkali process

LIMING

INIS: 1992-03-18; ETDE: 1984-02-10

The addition of limestone or its oxidized derivatives to soil or water as a means of modifying pH.

- RT calcium carbonates
- RT calcium oxides
- RT land reclamation
- RT ph value
- RT pollution
- RT pollution control
- RT soil chemistry
- RT soils
- RT water

LIMIT CYCLE

1994-02-28

A periodic solution of a dynamical problem towards which all other solution curves tend, in some domain of attraction.

- BT1 attractors
- RT chemical reaction kinetics
- RT differential equations
- RT dynamics
- RT equations of motion
- RT hamiltonian function
- RT lyapunov method
- RT non-equilibrium plasma
- RT nonlinear problems
- RT orbits
- RT phase space
- RT trajectories

limitations (liability)

INIS: 1976-12-08; ETDE: 2002-03-28

- USE liability limitations

LIMITER CIRCUITS

- BT1 electronic circuits

LIMITERS

- UF diaphragms (thermonuclear device)
- UF insulating limiters
- NT1 pumped limiters
- RT pinch devices
- RT pinch effect
- RT plasma confinement
- RT plasma diagnostics
- RT plasma impurities
- RT thermonuclear devices

LIMITING FRAGMENTATION

- UF cumulative effect
- UF fragmentation (limiting)
- BT1 hypothesis
- RT asymptotic solutions
- RT inclusive interactions
- RT laboratory system

- RT lorentz transformations
- RT multiple production
- RT particle models

LIMITING VALUES

Upper and/or lower bounds on a physical property determined theoretically or experimentally.

- SF constraints
- RT nuclear properties
- RT particle properties
- RT thermodynamic properties

limnanthes alba

INIS: 1991-12-16; ETDE: 1982-03-11

- USE meadow foam

LIMNOLOGY

The physical, chemical, meteorological, and esp. the biological and ecological conditions in inland waters.

- RT acid neutralizing capacity
- RT aquatic ecosystems
- RT eutrophication
- RT fresh water
- RT hydrosphere
- RT oceanography
- RT sediment-water interfaces
- RT sedimentary basins

LIMONITE

- *BT1 iron ores
- *BT1 oxide minerals
- RT goethite
- RT hematite
- RT iron oxides

LINAC-RING ACCELERATORS

2015-09-08

- BT1 accelerators
- NT1 brookhaven erhic
- NT1 cern lhcc
- RT linear accelerators
- RT storage rings

linacs

- USE linear accelerators

LINDANE

INIS: 1976-05-07; ETDE: 1976-08-04

- UF gamma benzene hexachloride
- UF gamma hexachlorohexane
- *BT1 chlorinated alicyclic hydrocarbons
- *BT1 insecticides

LINE BROADENING

- UF broadening (line)
- UF spectral broadening
- NT1 doppler broadening
- RT line narrowing
- RT line widths
- RT optical depth curve
- RT spectra
- RT spectroscopic curve of growth
- RT stark effect

LINE DEFECTS

- *BT1 crystal defects
- NT1 crowdions
- NT1 dislocations
- NT2 edge dislocations
- NT2 screw dislocations

line losses

INIS: 2000-04-12; ETDE: 1979-01-30

The various energy losses occurring in a transmission line.

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE power losses
- USE power transmission lines

LINE NARROWING

INIS: 1976-07-16; ETDE: 1976-09-15

UF spectral narrowing
RT line broadening
RT line widths
RT spectra

LINE WIDTHS

RT level widths
RT line broadening
RT line narrowing
RT spectra

lineaments

INIS: 2000-04-12; ETDE: 1984-12-10

Linear topographic features that reveal a characteristic, as a fault or the subsurface structure.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE geologic structures

LINEAR ABSORPTION MODELS

1976-02-11

Models satisfying operator equation $a = rs$, where a is the physical scattering amplitude, r is the product of the input regge pole amplitude, and s is a rescattering factor; and the scalar equation for partial wave projections $a(b) = r(b)s(b)$, where $b = (j + 1/2)/k$ is the impact parameter.

UF absorption model
UF absorption models (linear)
UF models (linear absorption)
*BT1 particle models
RT partial waves
RT regge poles
RT scattering amplitudes

LINEAR ACCELERATORS

1996-08-06

(HELAC, ING LINAC, MINNESOTA UNIV LINAC, and ZERAN LINAC have been valid ETDE descriptors.)

UF helac
UF ing linac
UF intense neutron generator linac
UF linacs
UF minnesota univ linac
UF zeran linac
BT1 accelerators
NT1 anu superconducting linac
NT1 beat wave accelerators
NT1 beijing electron-positron collider
NT1 beijing proton linac
NT1 brookhaven 200-mev linac
NT1 cebaf accelerator
NT1 cern linac
NT1 elsa linacs
NT1 fair accelerator complex
NT2 accelerator complexes
NT3 elsa accelerator complex

NT1 fmit linac
NT1 frascati linac
NT1 hilacs
NT2 atlas superconducting linac
NT2 superhilac
NT1 j-parc linac
NT1 jaeri linac
NT1 kek linac
NT1 kharkov linac
NT1 lampf linac
NT1 linear colliders
NT2 compact linear collider
NT2 international linear collider
NT2 stanford linear collider
NT2 tesla linear collider
NT1 lnl advanced test accelerator
NT1 lue-200 accelerator
NT1 mea linac

NT1 mit bates linac
NT1 nrl linac
NT1 orela
NT1 orsay linac
NT1 quadrupole linacs
NT1 rilac
NT1 saclay linac
NT1 stanford 1.2-gev linac
NT1 stanford 20-gev linac
NT1 swierk linac
NT1 unilac
NT1 wakefield accelerators
RT drift tubes
RT kek photon factory
RT linac-ring accelerators
RT pigmi facilities

LINEAR COLLIDERS

INIS: 1993-08-02; ETDE: 1987-12-15

*BT1 linear accelerators
NT1 compact linear collider
NT1 international linear collider
NT1 stanford linear collider
NT1 tesla linear collider
RT colliding beams

linear combination of atomic orbitals

1993-11-09

USE lcao method

linear energy transfer

USE let

LINEAR HARD CORE PINCH DEVICES

UF inverse pinch devices (linear)
UF tubular pinch devices (linear)
UF unpinch devices
*BT1 linear pinch devices
RT hard core pinch

LINEAR MOMENTUM

UF impulse (linear momentum)
UF momentum (linear)
NT1 longitudinal momentum
NT1 transverse momentum
RT angular momentum
RT dalitz plot
RT energy-momentum tensor
RT kinetic energy
RT linear momentum operators
RT linear momentum resolution
RT mass
RT motion
RT prism plot
RT velocity

LINEAR MOMENTUM OPERATORS

*BT1 quantum operators
RT linear momentum

LINEAR MOMENTUM RESOLUTION

BT1 resolution
RT linear momentum

LINEAR MOMENTUM TRANSFER

UF transfer (linear momentum)
BT1 momentum transfer
RT energy transfer
RT four momentum transfer
RT straight-line path approximation

LINEAR PINCH DEVICES

1996-06-28

(Prior to July 1996 MEGATRON was a valid ETDE descriptor.)

UF megatron
*BT1 open plasma devices
*BT1 pinch devices
NT1 linear hard core pinch devices

NT1 linear screw pinch devices
NT1 linear theta pinch devices
NT2 isar devices
NT2 scylla devices
NT1 linear z pinch devices
RT linear pinch type reactors

LINEAR PINCH TYPE REACTORS

INIS: 2000-04-12; ETDE: 1976-09-15

BT1 thermonuclear reactors
RT linear pinch devices

LINEAR PROGRAMMING

1999-08-13

Optimization of operations or procedures in terms of maximized, or minimized, functions of many variables subject to constraints.

BT1 calculation methods
RT dynamic programming
RT econometrics
RT mathematical models
RT nonlinear programming
RT optimization

LINEAR RATEMETERS

*BT1 counting ratemeters

LINEAR SCREW PINCH DEVICES

UF combined pinch devices (linear)
*BT1 linear pinch devices
RT screw pinch

linear-segmented array collector

INIS: 2000-04-12; ETDE: 1978-10-25

USE slat type collectors

LINEAR THETA PINCH DEVICES

1996-07-18

UF azimuthal pinch devices (linear)
UF bsg devices
UF orthogonal pinch devices (linear)
UF piace devices
*BT1 linear pinch devices
NT1 isar devices
NT1 scylla devices
RT theta pinch

LINEAR Z PINCH DEVICES

UF longitudinal pinch devices (linear)
UF z pinch devices (linear)
*BT1 linear pinch devices
RT longitudinal pinch

LINERS

1977-11-21

UF linings
RT containers
RT lining processes
RT linus reactors
RT seals
RT shells
RT surface coating
RT tanks

LINGAO-1 REACTOR

2000-05-17

Shenzhen, Guangdong, China.

*BT1 pwr type reactors

LINGAO-2 REACTOR

2000-05-17

Shenzhen, Guangdong, China.

*BT1 pwr type reactors

LINGAO-3 REACTOR

2014-11-25

Shenzhen, Guangdong, China.

*BT1 pwr type reactors

LINGAO-4 REACTOR

2014-11-25

Shenzhen, Guangdong, China.

*BT1 pwr type reactors

LINGEN REACTOR

Emsland, Federal Republic of Germany.
Permanent shutdown since January 1977.

UF kernkraftwerk lingen

UF kwl reactor

*BT1 bwr type reactors

LINING PROCESSES

RT liners

RT surface coating

linings

INIS: 1977-11-21; ETDE: 2002-03-28

USE liners

linking (borehole)

INIS: 2000-04-12; ETDE: 1976-11-29

USE borehole linking

LINOLEIC ACID

*BT1 monocarboxylic acids

LINOLENIC ACID

*BT1 monocarboxylic acids

linotrons

2000-04-12

Combinations of linear and circular accelerators in which particles pass through linac alternately in one and then the other direction, turning around in special reflectors with constant magnetic fields.

(Prior to June 1991 this was a valid ETDE descriptor.)

USE cyclic accelerators

LINSEED OIL

UF flaxseed oil

*BT1 triglycerides

*BT1 vegetable oils

RT flax plants

RT plasticizers

linseed plants

USE flax plants

LINUS REACTORS

INIS: 1981-08-31; ETDE: 1978-01-23

BT1 thermonuclear reactors

RT implosions

RT liners

RT magnetic compression

liouville equation

ETDE: 2002-03-28

USE boltzmann-vlasov equation

LIOUVILLE INTEGRABILITY

2018-02-16

BT1 integrability

LIOUVILLE THEOREM

RT phase space

RT statistical mechanics

lipase

INIS: 2000-04-12; ETDE: 1981-01-12

Code number 3.1.1.3.

(From January 1981 to January 1990, this was a valid ETDE descriptor.)

USE lipases

LIPASES

(From January 1981 to January 1990, this was not a valid ETDE descriptor and material from these years was indexed to LIPASE.)

UF lipase

*BT1 carboxylesterases

LIPIDS

1996-10-23

UF lanolin

UF wool fat

BT1 organic compounds

NT1 glycolipids

NT2 cerebroside

NT2 gangliosides

NT1 lipopolysaccharides

NT1 lipoproteins

NT2 apolipoproteins

NT2 myelin

NT1 phospholipids

NT2 cardiolipin

NT2 lecithins

NT2 sphingomyelins

NT1 triglycerides

NT2 corn oil

NT2 linseed oil

NT2 olive oil

NT2 peanut oil

NT2 soybean oil

NT2 triolein

RT cholesterol

RT choline

RT chylomicrons

RT esters

RT fats

RT liposomes

RT lipotropic factors

RT valinomycin

LIPIODOL

BT1 contrast media

*BT1 oils

*BT1 organic iodine compounds

lipic acid (alpha)

USE thioctic acid

LIPOLYSACCHARIDES

*BT1 lipids

*BT1 polysaccharides

LIPOPROTEINS

UF proteolipids

*BT1 lipids

*BT1 proteins

NT1 apolipoproteins

NT1 myelin

RT membrane proteins

LIPOSOMES

INIS: 1980-02-26; ETDE: 1979-07-18

Lipoidal inclusions in the cytoplasm or substances prepared in vitro of alternating lipid and water layers and proposed as target-specific pharmaceutical delivery systems in organisms.

UF multilamellar lipid vesicles

RT carriers

RT cell constituents

RT chemotherapy

RT cytoplasm

RT lipids

LIPOTROPIC FACTORS

BT1 drugs

NT1 betaine

NT1 choline

NT1 ethionine

NT1 inositol

NT1 methionine

NT1 phytic acid

NT1 thioctic acid

RT lipids

RT vitamin b group

LIPPMANN-SCHWINGER EQUATION

*BT1 integral equations

RT blankenbecler-sugar equations

RT faddeev equations

RT quantum mechanics

RT quasipotential equation

RT schwinger variational method

lips

USE oral cavity

liptinite

INIS: 2000-04-12; ETDE: 1987-07-24

USE exinite

LIQUEFACTION

UF liquefying

BT1 thermochemical processes

NT1 coal liquefaction

NT2 bcl process

NT2 bergius process

NT2 catalytic hydrosolvation process

NT2 cffc process

NT2 coed process

NT2 costeam process

NT2 dow liquefaction process

NT2 exxon liquefaction process

NT2 flash hydropyrolysis process

NT2 h-coal process

NT2 liquid phase methanol process

NT2 occidental flash pyrolysis process

NT2 pamco process

NT2 pyrosol process

NT2 sasol-ii process

NT2 sasol process

NT2 src-ii process

NT2 synthoil process

NT2 synthol process

NT2 tsl process

NT1 in-situ liquefaction

RT melting

RT vapor condensation

LIQUEFIED GASES

INIS: 1992-03-10; ETDE: 1982-01-21

*BT1 liquids

NT1 liquefied natural gas

NT1 liquefied petroleum gases

RT cryogenic fluids

LIQUEFIED NATURAL GAS

1992-03-10

UF lng

*BT1 liquefied gases

*BT1 natural gas

RT liquefied petroleum gases

RT liquid fuels

RT lng industry

RT lng plants

RT natural gas liquids

RT north star project

RT terminal facilities

LIQUEFIED PETROLEUM GASES

1992-03-10

UF lp-gas

*BT1 liquefied gases

*BT1 natural gas liquids

BT1 petroleum products

RT heating oils

RT lease condensates

RT liquefied natural gas

RT lpg industry

RT plant condensates

liquefiers

2000-04-12

USE vapor condensers

liquefying

ETDE: 2002-03-28

USE liquefaction

liquid asphalt

INIS: 1992-04-02; ETDE: 1976-01-23

USE petroleum residues

**LIQUID COLUMN
CHROMATOGRAPHY***INIS: 1977-04-07; ETDE: 1977-06-03*

- *BT1 chromatography
- NT1 high-performance liquid chromatography

**LIQUID CONTAMINATION
MONITORS**

- *BT1 radiation monitors
- RT contamination

LIQUID CRYSTALS

- BT1 crystals
- *BT1 liquids
- RT pockels cell

**liquid-dominated hydrothermal
convective systems***INIS: 2000-04-12; ETDE: 1976-03-11*
SEE geothermal hot-water systems**LIQUID DROP MODEL**

- *BT1 nuclear models
- RT neutron emission
- RT weizsaecker formula

liquid effluents

- USE liquid wastes

LIQUID FLOW

- BT1 fluid flow
- RT hydraulic conductivity
- RT hydrodynamics
- RT liquids
- RT multiphase flow
- RT thermal conductivity
- RT two-phase flow

LIQUID FUELS

- BT1 fuels
- NT1 alcohol fuels
 - NT2 ethanol fuels
 - NT2 methanol fuels
- NT1 biodiesel fuels
- NT1 diesel fuels
- NT1 fuel oils
 - NT2 heating oils
 - NT2 residual fuels
- NT1 fuel solutions
- NT1 gasohol
- NT1 gasoline
 - NT2 unleaded gasoline
- NT1 jet engine fuels
- NT1 kerosene
- NT1 liquid metal fuels
- NT1 molten salt fuels
- NT1 oxygenated fuels
- RT automotive fuels
- RT coal liquids
- RT liquefied natural gas

LIQUID HOLDING RECOVERY

- BT1 biological recovery

**LIQUID HOMOGENEOUS
REACTORS**

- *BT1 fluid fueled reactors
- *BT1 homogeneous reactors
- NT1 aqueous homogeneous reactors
 - NT2 ai-l-77 reactor
 - NT2 argus reactor
 - NT2 ber-2 reactor
 - NT2 byu l-77 reactor
 - NT2 cesnef reactor
 - NT2 dr-1 reactor
 - NT2 frf reactor
 - NT2 gidra reactor
 - NT2 hre-2 reactor
 - NT2 jrr-1 reactor
 - NT2 kewb reactor

- NT2 kstr reactor
- NT2 ncsr-1 reactor
- NT2 nevada university reactor
- NT2 prnc-l-77 reactor
- NT2 supo reactor
- NT2 wrrr reactor
- RT fuel solutions

LIQUID ION EXCHANGERS

- *BT1 ion exchange materials

LIQUID IONIZATION CHAMBERS

- *BT1 ionization chambers

LIQUID LASERS*INIS: 1999-08-16; ETDE: 1977-05-07*

- BT1 lasers
- NT1 dye lasers

liquid-liquid extraction*INIS: 1975-10-23; ETDE: 2002-03-28*
USE solvent extraction**liquid magnets***INIS: 2000-04-12; ETDE: 1985-03-12*

(Prior to March 1997 MAGNETIC LIQUIDS was used for this concept in ETDE.)

- USE liquids
- USE magnetic materials

liquid metal coolant

- USE liquid metals

**LIQUID METAL COOLED
REACTORS**

- BT1 reactors
- NT1 lead cooled reactors
 - NT2 brest-od-300 reactor
 - NT2 lead-bismuth cooled reactors
 - NT3 myrrha facility
- NT1 lithium cooled reactors
- NT1 lmfr type reactors
 - NT2 beloyarsk-3 reactor
 - NT2 beloyarsk-4 reactor
 - NT2 bn-1200 reactor
 - NT2 bn-1600 reactor
 - NT2 bn-350 reactor
 - NT2 bor-60 reactor
 - NT2 cdfr reactor
 - NT2 clinch river breeder reactor
 - NT2 dfr reactor
 - NT2 ebr-1 reactor
 - NT2 ebr-2 reactor
 - NT2 enrico fermi-1 reactor
 - NT2 joyo reactor
 - NT2 kalpakkam lmfr reactor
 - NT2 monju reactor
 - NT2 pfr reactor
 - NT2 phenix reactor
 - NT2 plbr reactor
 - NT2 rapsodie reactor
 - NT2 sbr-1 reactor
 - NT2 sbr-2 reactor
 - NT2 sbr-5 reactor
 - NT2 snr-2 reactor
 - NT2 snr reactor
 - NT2 superphenix reactor
 - NT2 venus reactor
- NT1 mercury cooled reactors
 - NT2 clementine reactor
 - NT2 sbr-2 reactor
- NT1 nak cooled reactors
 - NT2 ebr-1 reactor
 - NT2 s10fs-1 reactor
 - NT2 s10fs-3 reactor
 - NT2 s10fs-4 reactor
 - NT2 s2ds reactor
 - NT2 s8dr reactor
 - NT2 s8er reactor
 - NT2 ser reactor
 - NT2 snaptran reactors

- NT1 potassium cooled reactors
 - NT2 ebr-1 reactor
 - NT2 ser reactor
- NT2 snap 10 reactor
 - NT3 s10fs-1 reactor
 - NT3 s10fs-3 reactor
 - NT3 s10fs-4 reactor
- NT2 snap-tsfr reactor
- NT2 snaptran reactors
- NT1 sodium cooled reactors
 - NT2 beloyarsk-3 reactor
 - NT2 beloyarsk-4 reactor
 - NT2 bn-1200 reactor
 - NT2 bn-1600 reactor
 - NT2 bn-350 reactor
 - NT2 bor-60 reactor
 - NT2 cdfr reactor
 - NT2 clinch river breeder reactor
 - NT2 ebr-1 reactor
 - NT2 ebr-2 reactor
 - NT2 enrico fermi-1 reactor
 - NT2 fftf reactor
 - NT2 hnpf reactor
 - NT2 knk-2 reactor
 - NT2 knk reactor
 - NT2 lampre-1 reactor
 - NT2 monju reactor
 - NT2 pfr reactor
 - NT2 phenix reactor
 - NT2 rapsodie reactor
 - NT2 sbr-5 reactor
 - NT2 sefor reactor
 - NT2 ser reactor
 - NT2 sgr type reactors
 - NT3 sre reactor
 - NT2 snap 10 reactor
 - NT3 s10fs-1 reactor
 - NT3 s10fs-3 reactor
 - NT3 s10fs-4 reactor
 - NT2 snap-tsfr reactor
 - NT2 snaptran reactors
 - NT2 snr-2 reactor
 - NT2 snr reactor
 - NT2 superphenix reactor
 - NT2 zrr reactor
- NT1 szr type reactors
 - NT2 knk-2 reactor
 - NT2 knk reactor

LIQUID METAL FUELS

- *BT1 liquid fuels
- *BT1 nuclear fuels
- RT fluid fueled reactors

**LIQUID-METAL MHD
GENERATORS***1975-12-09*

- *BT1 closed-cycle mhd generators

liquid metal test facilities*2000-04-12*

- USE test facilities

liquid metal-water reactions*INIS: 2000-04-12; ETDE: 1977-06-02*

- USE molten metal-water reactions

LIQUID METALS

- UF liquid metal coolant
- *BT1 liquids
- *BT1 metals
- RT coolants

LIQUID PENETRANT INSPECTION

- UF fluorescent penetrant tests
- UF penetrant inspection (liquid)
- *BT1 nondestructive testing

LIQUID PHASE EPITAXY

INIS: 1999-07-30; ETDE: 1982-10-20

Epitaxial growth resulting from precipitation from a supersaturated melt in contact with the substrate.

*BT1 epitaxy

RT crystal growth

liquid phase methanation process

INIS: 2000-04-12; ETDE: 1976-05-17

Process being developed by Chem Systems, Inc., under auspices of ERDA and AGA.

Overall objective is to develop practical and useful process for converting coal-derived synthesis gases to methane as major constituent of sng, using liquid fluidized beds. (Prior to March 1994, this was a valid ETDE descriptor.)

USE coal gasification

LIQUID PHASE METHANOL PROCESS

INIS: 1999-05-19; ETDE: 1983-05-21

Indirect coal liquefaction process developed by Chem Systems for DOE.

*BT1 coal liquefaction

RT methanol

liquid-phase sintering

USE sintering

LIQUID PROPORTIONAL COUNTERS

*BT1 proportional counters

LIQUID SCINTILLATION DETECTORS

*BT1 scintillation counters

RT liquid scintillators

RT scintillation quenching

LIQUID SCINTILLATORS

BT1 phosphors

RT liquid scintillation detectors

RT scintillation counting

RT terphenyls

liquid sodium-water reactions

INIS: 1977-09-15; ETDE: 2002-03-28

USE molten metal-water reactions

LIQUID WASTES

UF effluents (liquid)

UF liquid effluents

UF sewage disposal

UF sewage treatment

UF waste solutions

SF emissions (industrial)

BT1 wastes

NT1 spent liquors

NT1 waste water

NT2 shale tar water

RT acid mine drainage

RT bioadsorbents

RT biochemical oxygen demand

RT biological wastes

RT ceramic melters

RT chemical effluents

RT chemical oxygen demand

RT emissions tax

RT ground disposal

RT ground water

RT industrial wastes

RT leachates

RT organic wastes

RT plumes

RT radioactive effluents

RT reinjection

RT surface waters

RT waste disposal

RT waste disposal acts

RT waste forms

RT waste processing

RT water

RT water pollution monitors

RT wet oxidation processes

LIQUIDS

UF ferrofluids

UF liquid magnets

UF magnetic liquids

BT1 fluids

NT1 black liquids

NT1 coal liquids

NT1 dnapi

NT1 liquefied gases

NT2 liquefied natural gas

NT2 liquefied petroleum gases

NT1 liquid crystals

NT1 liquid metals

NT1 natural gas liquids

NT2 gas condensates

NT2 lease condensates

NT2 liquefied petroleum gases

NT2 plant condensates

RT dispersions

RT droplets

RT hydrostatic bearings

RT liquid flow

RT phase diagrams

RT pour point

RT structure factors

RT vapors

RT void fraction

LISP

INIS: 1994-09-13; ETDE: 1985-08-08

BT1 programming languages

RT artificial intelligence

litek lamp

INIS: 2000-04-12; ETDE: 1977-07-23

USE fluorescent lamps

LITHIUM

*BT1 alkali metals

LITHIUM 10

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

LITHIUM 11

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

RT lithium 11 beams

LITHIUM 11 BEAMS

2014-04-25

*BT1 radioactive ion beams

RT lithium 11

LITHIUM 11 REACTIONS

INIS: 1990-01-30; ETDE: 1990-02-13

*BT1 heavy ion reactions

LITHIUM 11 TARGET

INIS: 1998-01-27; ETDE: 1998-02-24

BT1 targets

LITHIUM 12

1992-09-22

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 odd-odd nuclei

LITHIUM 13

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 odd-even nuclei

LITHIUM 3

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 odd-even nuclei

LITHIUM 4

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 odd-odd nuclei

LITHIUM 5

*BT1 alpha decay radioisotopes

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 odd-even nuclei

LITHIUM 6

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 odd-odd nuclei

*BT1 stable isotopes

RT lithium 6 beams

RT lithium 6 reactions

LITHIUM 6 BEAMS

*BT1 ion beams

RT lithium 6

LITHIUM 6 REACTIONS

*BT1 heavy ion reactions

RT lithium 6

LITHIUM 6 TARGET

ETDE: 1976-07-09

BT1 targets

LITHIUM 7

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 odd-even nuclei

*BT1 stable isotopes

RT lithium 7 beams

RT lithium 7 reactions

LITHIUM 7 BEAMS

*BT1 ion beams

RT lithium 7

LITHIUM 7 REACTIONS

*BT1 heavy ion reactions

RT lithium 7

LITHIUM 7 TARGET

ETDE: 1976-07-09

BT1 targets

LITHIUM 8

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

RT lithium 8 beams

LITHIUM 8 BEAMS

2014-04-25

*BT1 radioactive ion beams

RT lithium 8

LITHIUM 8 REACTIONS

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 heavy ion reactions

LITHIUM 8 TARGET

INIS: 1991-10-22; ETDE: 1991-11-26

BT1 targets

LITHIUM 9

*BT1 beta-minus decay radioisotopes

*BT1 light nuclei

*BT1 lithium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

LITHIUM 9 REACTIONS

INIS: 1991-03-22; ETDE: 1991-04-09

*BT1 heavy ion reactions

LITHIUM 9 TARGET

INIS: 1976-03-17; ETDE: 1976-07-12

BT1 targets

LITHIUM ADDITIONS

Alloys containing not more than 1% Li are listed here.

*BT1 lithium alloys

LITHIUM ALLOYS

Alloys containing more than 1% Li.

BT1 alloys

NT1 lithium additions

NT1 lithium base alloys

LITHIUM ARSENIDES

INIS: 2000-04-12; ETDE: 1984-09-05

*BT1 arsenides

*BT1 lithium compounds

LITHIUM BASE ALLOYS

*BT1 lithium alloys

LITHIUM BORIDES

*BT1 borides

*BT1 lithium compounds

LITHIUM BROMIDES

*BT1 bromides

*BT1 lithium halides

LITHIUM CARBIDES

*BT1 carbides

*BT1 lithium compounds

LITHIUM CARBONATES

*BT1 carbonates

*BT1 lithium compounds

LITHIUM CHLORIDES

*BT1 chlorides

*BT1 lithium halides

LITHIUM-CHLORINE BATTERIES

2000-04-12

*BT1 metal-gas batteries

LITHIUM COMPLEXES

*BT1 alkali metal complexes

LITHIUM COMPOUNDS

1997-06-17

BT1 alkali metal compounds

NT1 lithium arsenides

NT1 lithium borides

NT1 lithium carbides

NT1 lithium carbonates

NT1 lithium halides

NT2 lithium bromides

NT2 lithium chlorides

NT2 lithium fluorides

NT2 lithium iodides

NT1 lithium hydrides

NT2 lithium deuterides

NT2 lithium tritides

NT1 lithium hydroxides

NT1 lithium nitrates

NT1 lithium nitrides

NT1 lithium oxides

NT1 lithium perchlorates

NT1 lithium phosphates

NT1 lithium phosphides

NT1 lithium selenides

NT1 lithium silicates

NT1 lithium silicides

NT1 lithium sulfates

NT1 lithium sulfides

NT1 lithium tellurides

NT1 lithium titanates

NT1 lithium tungstates

NT1 lithium uranates

lithium cooled reactor experiment

2000-04-12

USE experimental reactors

USE lithium cooled reactors

LITHIUM COOLED REACTORS

1976-05-07

UF lcre reactor

UF lithium cooled reactor experiment

*BT1 liquid metal cooled reactors

LITHIUM-COPPER CHLORIDE BATTERIES

INIS: 2000-04-12; ETDE: 1976-03-22

*BT1 metal-nonmetal batteries

LITHIUM DEUTERIDES

*BT1 deuterides

*BT1 lithium hydrides

LITHIUM FLUORIDES

*BT1 fluorides

*BT1 lithium halides

RT dielectric track detectors

RT flibe

RT thermoluminescent dosimeters

LITHIUM HALIDES

1981-08-06

*BT1 halides

*BT1 lithium compounds

NT1 lithium bromides

NT1 lithium chlorides

NT1 lithium fluorides

NT1 lithium iodides

LITHIUM HYDRIDES

*BT1 hydrides

*BT1 lithium compounds

NT1 lithium deuterides

NT1 lithium tritides

LITHIUM HYDROXIDES

*BT1 hydroxides

*BT1 lithium compounds

LITHIUM IODIDES

*BT1 inorganic phosphors

*BT1 iodides

*BT1 lithium halides

LITHIUM ION BATTERIES

2015-03-13

*BT1 electric batteries

LITHIUM IONS

*BT1 ions

LITHIUM ISOTOPES

1999-07-16

BT1 isotopes

NT1 lithium 10

NT1 lithium 11

NT1 lithium 12

NT1 lithium 13

NT1 lithium 3

NT1 lithium 4

NT1 lithium 5

NT1 lithium 6

NT1 lithium 7

NT1 lithium 8

NT1 lithium 9

LITHIUM NITRATES

*BT1 lithium compounds

*BT1 nitrates

LITHIUM NITRIDES

*BT1 lithium compounds

*BT1 nitrides

LITHIUM OXIDES

*BT1 lithium compounds

*BT1 oxides

LITHIUM PERCHLORATES

INIS: 1977-10-17; ETDE: 1975-10-28

*BT1 lithium compounds

*BT1 perchlorates

LITHIUM PHOSPHATES

*BT1 lithium compounds

*BT1 phosphates

LITHIUM PHOSPHIDES

INIS: 2000-04-12; ETDE: 1984-12-26

*BT1 lithium compounds

*BT1 phosphides

LITHIUM-POLYMER BATTERIES

2008-07-04

Li batteries with polymeric, ion-conducting electrolyte/separators.

*BT1 metal-nonmetal batteries

LITHIUM SELENIDES

*BT1 lithium compounds

*BT1 selenides

LITHIUM SILICATES

*BT1 lithium compounds

*BT1 silicates

RT petalite

LITHIUM SILICIDES

INIS: 2000-04-12; ETDE: 1979-02-23

*BT1 lithium compounds

*BT1 silicides

LITHIUM SULFATES

*BT1 lithium compounds

*BT1 sulfates

LITHIUM SULFIDES

*BT1 lithium compounds

*BT1 sulfides

LITHIUM-SULFUR BATTERIES

1993-01-28

*BT1 metal-nonmetal batteries

LITHIUM TELLURIDES

INIS: 1977-06-14; ETDE: 1976-11-29

*BT1 lithium compounds

*BT1 tellurides

LITHIUM TITANATES

2003-06-04

*BT1 lithium compounds

*BT1 titanates

LITHIUM TRITIDES

1976-02-05

*BT1 lithium hydrides

*BT1 tritides

LITHIUM TUNGSTATES

INIS: 1978-05-19; ETDE: 1977-06-02

*BT1 lithium compounds

*BT1 tungstates

LITHIUM URANATES

INIS: 1975-11-27; ETDE: 1975-08-19

*BT1 lithium compounds

*BT1 uranates

LITHIUM-WATER-AIR BATTERIES

INIS: 2000-04-12; ETDE: 1976-01-07

*BT1 metal-gas batteries

LITHOLOGY

1993-03-23

Description of the physical character of a rock as determined by eye or a low power

magnifier and based on color, structure, mineralogic components and grain size.

*BT1 petrology
RT rocks

LITHOTYPES

INIS: 2000-04-12; ETDE: 1978-05-03

RT coal
RT macerals
RT petrology

LITHUANIA

INIS: 1997-08-20; ETDE: 1993-01-28

(Prior to January 1993, this was indexed by USSR.)

SF soviet union
SF union of soviet socialist republics
SF ussr
*BT1 eastern europe

LITHUANIAN ORGANIZATIONS

INIS: 1999-07-14; ETDE: 1999-08-30

BT1 national organizations

litigation

INIS: 2000-04-12; ETDE: 1978-09-13

USE lawsuits

LITR REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut down in 1968.

UF low intensity test reactor
UF us aec low intensity test reactor
UF us aec low intensity training reactor
*BT1 enriched uranium reactors
*BT1 tank type reactors
*BT1 thermal reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

LITTER SIZE

RT progeny

LITTLE BOY

INIS: 2000-05-30; ETDE: 1984-11-29

The name of the nuclear weapon exploded over Hiroshima, Japan.

*BT1 nuclear weapons
RT a-bomb survivors
RT atmospheric explosions
RT hiroshima
RT nuclear explosions

LITTLE ICE AGE

INIS: 1993-06-04; ETDE: 1987-02-13

Cold period lasting from the 15th to the 19th centuries in the northern hemisphere.

RT climates
RT paleoclimatology

LITTLE TENNESSEE RIVER

INIS: 2000-04-12; ETDE: 1981-05-18

*BT1 rivers
RT hydroelectric power plants
RT tennessee
RT tennessee valley authority
RT tennessee valley region

live time

INIS: 1984-04-04; ETDE: 2002-03-28

Time during which equipment is actually sensitive to incoming signals.

USE dead time

LIVER

BT1 digestive system
*BT1 glands
RT abdomen
RT biliary tract
RT glycogen
RT hepatectomy
RT hepatitis

RT hepatomas
RT jaundice
RT liver cells
RT liver cirrhosis
RT metabolic diseases
RT metabolism
RT peritoneum
RT portal system
RT radioembolization
RT reticuloendothelial system

LIVER CELLS

INIS: 1983-06-30; ETDE: 1982-06-07

UF hepatocytes
*BT1 somatic cells
RT liver

LIVER CIRRHOSIS

*BT1 digestive system diseases
RT liver

livermore pool type reactor

USE lptr reactor

LIVERMORIUM

2013-06-05

Prior to June 2013 ELEMENT 116 was used for this element.

UF eka-polonium
UF element 116
UF ununhexium
*BT1 transactinide elements

LIVERMORIUM 290

2014-03-28

Prior to June 2013 ELEMENT 116 290 was used for this concept.

UF element 116 290
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 heavy nuclei
*BT1 livermorium isotopes
*BT1 milliseconds living radioisotopes

LIVERMORIUM 291

2014-03-28

Prior to June 2013 ELEMENT 116 291 was used for this concept.

UF element 116 291
*BT1 alpha decay radioisotopes
*BT1 even-odd nuclei
*BT1 heavy nuclei
*BT1 livermorium isotopes
*BT1 milliseconds living radioisotopes

LIVERMORIUM 292

2014-03-28

Prior to June 2013 ELEMENT 116 292 was used for this concept.

UF element 116 292
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 heavy nuclei
*BT1 livermorium isotopes

LIVERMORIUM 293

2014-03-28

Prior to June 2013 ELEMENT 116 293 was used for this concept.

UF element 116 293
*BT1 alpha decay radioisotopes
*BT1 even-odd nuclei
*BT1 heavy nuclei
*BT1 livermorium isotopes

LIVERMORIUM IONS

2018-01-24

*BT1 ions

LIVERMORIUM ISOTOPES

2014-03-28

Prior to June 2013 ELEMENT 116

ISOTOPES was used for this concept.

UF element 116 isotopes
BT1 isotopes
NT1 livermorium 290
NT1 livermorium 291
NT1 livermorium 292
NT1 livermorium 293

livestock

USE domestic animals

living standards

INIS: 2000-04-12; ETDE: 1978-10-23

USE standard of living

lixiviation

USE leaching

LIZARDS

*BT1 reptiles

ljubljana triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-03-28

USE triga-2-ljubljana reactor

ljungstrom process

2000-04-12

Electrothermal production of shale oil in-situ. (Prior to January 1995, this was a valid ETDE descriptor.)

USE in-situ retorting
USE oil shales

LLAMAS

*BT1 ruminants

llnl

INIS: 1984-04-04; ETDE: 2002-03-28

USE lawrence livermore national laboratory

LLNL ADVANCED TEST ACCELERATOR

INIS: 1988-05-13; ETDE: 1987-12-15

Linear induction accelerator at Lawrence Livermore Laboratory, Livermore, California, USA.

SF advanced test accelerator
*BT1 linear accelerators
RT electron beams
RT induction

LLOYDMINSTER DEPOSIT

2000-04-12

*BT1 oil sand deposits

LM DEVICES

Linear multipoles.

*BT1 internal ring devices
RT multipolar configurations

LMFBR TYPE REACTORS

SF medec process
*BT1 fbr type reactors
*BT1 liquid metal cooled reactors
NT1 beloyarsk-3 reactor
NT1 beloyarsk-4 reactor
NT1 bn-1200 reactor
NT1 bn-1600 reactor
NT1 bn-350 reactor
NT1 bor-60 reactor
NT1 cdfr reactor
NT1 clinch river breeder reactor
NT1 dfr reactor
NT1 ebr-1 reactor
NT1 ebr-2 reactor
NT1 enrico fermi-1 reactor
NT1 joyo reactor
NT1 kalpakkam lmfbr reactor

NT1 monju reactor
NT1 pfr reactor
NT1 phenix reactor
NT1 plbr reactor
NT1 rapsodie reactor
NT1 sbr-1 reactor
NT1 sbr-2 reactor
NT1 sbr-5 reactor
NT1 snr-2 reactor
NT1 snr reactor
NT1 superphenix reactor
NT1 venus reactor

Ing

2000-04-12
 USE liquefied natural gas

LNG INDUSTRY

INIS: 1993-04-27; ETDE: 1978-06-14
 *BT1 natural gas industry
 RT liquefied natural gas
 RT lng plants

LNG PLANTS

INIS: 1993-04-27; ETDE: 1976-01-23
 BT1 industrial plants
 RT liquefied natural gas
 RT lng industry
 RT natural gas

Ing spills

INIS: 1992-04-09; ETDE: 1980-06-06
 USE gas spills

LNLS STORAGE RING

1991-02-11
Brazilian Synchrotron Radiation Source.
 UF brazilian lnls synchrotron
 BT1 storage rings
 *BT1 synchrotron radiation sources

LO AGUIRRE RECH-2 REACTOR

INIS: 1989-02-24; ETDE: 1989-03-20
Lo Aguirre, Santiago, Chile. permanent shutdown since 2002
 UF rech-2 reactor
 *BT1 pool type reactors
 *BT1 research reactors

load (dynamic)

INIS: 2000-04-12; ETDE: 1976-08-05
 USE dynamic loads

LOAD ANALYSIS

INIS: 1999-04-22; ETDE: 1981-04-17
Measurement and study of the load characteristics of the more important services rendered by the utility.
 UF analysis (load)
 UF load characteristics
 RT electric utilities
 RT gas utilities
 RT load management
 RT peak load

load characteristics

INIS: 1999-04-22; ETDE: 1981-04-17
 USE load analysis

LOAD COLLECTOR RATIO

INIS: 2000-04-12; ETDE: 1981-05-18
Ratio of building load coefficient (btu/dd) to the solar collector area (sq. Ft.).
 UF lcr
 RT buildings
 RT heating load
 RT passive solar heating systems

LOAD MANAGEMENT

INIS: 1977-11-21; ETDE: 1976-03-22
Management of electric power demands on a distribution grid to achieve maximum power-production efficiency.
 BT1 management
 RT capacity
 RT dispersed storage and generation
 RT electric power
 RT load analysis
 RT marginal-cost pricing
 RT off-peak energy storage
 RT peak load
 RT peak-load pricing
 RT peaking power plants
 RT time-of-use pricing

LOADERS

INIS: 2000-04-12; ETDE: 1985-04-09
 *BT1 haulage equipment
NT1 cutter loaders
NT2 coal plows
NT2 continuous miners
NT2 heading machines
NT2 shearer loaders
 RT materials handling
 RT mine haulage

LOADING

INIS: 1997-06-05; ETDE: 1978-08-08
 (Until June 1997 this concept was indexed to MATERIALS HANDLING.)
 BT1 materials handling
 RT unloading

loading (fission reactor)

1982-11-29
 USE reactor fueling

loading machines (fission reactor)

1993-11-09
 USE reactor charging machines

LOADING RATE

INIS: 2000-05-02; ETDE: 1978-07-05
 RT chemical reactors

loads (dynamic)

INIS: 1981-02-27; ETDE: 2002-03-28
 USE dynamic loads

loads (power demand)

INIS: 1984-04-04; ETDE: 2002-03-28
 USE power demand

loads (static)

INIS: 1981-02-27; ETDE: 1976-08-05
 USE static loads

loads (stresses)

INIS: 1984-04-04; ETDE: 2002-03-28
 USE stresses

LOAM

BT1 soils
 RT clays

loan guarantees

INIS: 1982-12-03; ETDE: 1981-01-27
 (Prior to March 1997 this was a valid ETDE descriptor.)
 USE financial incentives

loans

INIS: 2000-04-12; ETDE: 1980-04-14
 (Prior to March 1996 FINANCIAL ASSISTANCE was used for this concept in ETDE.)
 USE financing

lobachevsky-bolyai geometry

USE lobachevsky geometry

LOBACHEVSKY GEOMETRY

1999-08-24
 UF lobachevsky-bolyai geometry
 UF lobachevsky space
 *BT1 geometry
 RT mathematical space

lobachevsky space

USE lobachevsky geometry

lobbies

INIS: 1982-12-03; ETDE: 1980-12-08
 USE interest groups

LOBSTERS

INIS: 1977-04-07; ETDE: 1976-01-07
 *BT1 decapods
 RT prawns
 RT seafood

loca

INIS: 2000-04-12; ETDE: 1983-03-07
 USE loss of coolant

LOCAL AREA NETWORKS

1994-04-12
 UF lans
 BT1 computer networks

local boiling

USE subcooled boiling

LOCAL FALLOUT

UF close-in fallout
 BT1 fallout
 RT civil defense
 RT external irradiation
 RT fallout shelters
 RT nuclear weapons
 RT shelters

local galaxy

USE milky way

LOCAL GOVERNMENT

INIS: 1981-02-27; ETDE: 1977-08-09
 RT government policies
 RT legislation
 RT national government
 RT public officials
 RT regional cooperation
 RT regulations
 RT social services
 RT state government
 RT us federal assistance programs

local group

USE galaxies

LOCAL IRRADIATION

BT1 irradiation
 RT abscopal radiation effects
 RT external irradiation
 RT local radiation effects
 RT partial body irradiation
 RT spatial dose distributions

LOCAL RADIATION EFFECTS

*BT1 biological radiation effects
NT1 osteoradionecrosis
NT1 radiation burns
NT1 radiodermatitis
 RT local irradiation

local thermodynamic equilibrium

USE lte

LOCALITY

RT nonlocal potential
 RT phi4-field theory
 RT quantum field theory

localization (biological)

USE biological localization

LOCK-IN AMPLIFIERS

INIS: 2000-04-12; ETDE: 1984-03-06

Amplifiers that use some automatic synchronization with an external reference signal to measure very weak signals in the presence of very strong noise.

*BT1 amplifiers

RT electronic circuits

RT gain

locks (security)

USE physical protection devices

LOCOMOTIVES

INIS: 1993-03-25; ETDE: 1986-01-15

*BT1 trains

RT railroad cars

RT railways

LOCUST TREES

INIS: 1999-07-20; ETDE: 1986-04-29

UF robinia pseudoacacia

*BT1 leguminosae

*BT1 trees

RT mycorrhizas

LOCUSTS

*BT1 grasshoppers

LODOCHNIKITE

2000-04-12

*BT1 oxide minerals

*BT1 thorium minerals

*BT1 uranium minerals

RT thorium oxides

RT titanium oxides

RT uranium oxides

lofa

2017-07-18

USE loss of flow

LOFRECO PROCESS

INIS: 2000-04-12; ETDE: 1980-06-06

Horizontal in-situ retorting process with low front end cost developed by Geokinetics Inc. For areas where shale bed is relatively thin and close to the surface.

RT oil shales

LOFT REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1985.

UF loss of fluid test reactor

*BT1 pwr type reactors

*BT1 tank type reactors

*BT1 test reactors

LOGARITHMIC RATEMETERS

*BT1 counting ratemeters

logging while drilling

INIS: 2000-04-12; ETDE: 1978-12-11

USE mwd systems

logic (mathematics)

INIS: 2000-04-12; ETDE: 1975-11-11

USE mathematical logic

LOGIC CIRCUITS

BT1 electronic circuits

RT gating circuits

LOHRS

2018-08-30

*BT1 beyond-design-basis accidents

RT after-heat removal

lollipop event

1997-01-28

(Prior to February 1996 this was a valid ETDE descriptor.)

USE vela project

london convention for prevention of marine pollution

INIS: 1993-11-09; ETDE: 2002-03-28

1972 London Convention on Prevention of Marine Pollution by Dumping of Waste and other Matter.

USE lcpmpdpw

LONDON EQUATION

BT1 equations

RT superconductivity

london safety of life at sea convention

USE solas convention

LONG COUNTERS

*BT1 moderating detectors

LONG ISLAND SOUND

INIS: 1992-04-08; ETDE: 1981-03-17

*BT1 atlantic ocean

*BT1 estuaries

RT connecticut

RT mid-atlantic bight

RT new york

long-lens spectrometers

USE magnetic lens spectrometers

long-range interactions

USE interaction range

LONG-RANGE TRANSPORT

INIS: 1992-09-16; ETDE: 1983-08-25

*BT1 environmental transport

RT air pollution

RT pollutants

RT pollution

RT transfrontier pollution

RT water pollution

LONG SHOT EVENT

BT1 vela project

long term intake

USE chronic intake

long term irradiation

USE chronic irradiation

LONG VALLEY

INIS: 1992-06-04; ETDE: 1976-04-19

BT1 valleys

RT california

LONG WAVE RADIATION

UF low frequency radiation

*BT1 radiowave radiation

LONGITUDINAL MOMENTUM

UF momentum (longitudinal)

BT1 linear momentum

RT center-of-mass system

RT nuclear reactions

RT particle interactions

RT particle rapidity

RT transverse momentum

LONGITUDINAL PINCH

UF zet pinch

BT1 pinch effect

NT1 belt pinch

RT linear z pinch devices

RT tlp devices

longitudinal pinch devices (linear)

1993-11-09

USE linear z pinch devices

longitudinal pinch devices (toroidal)

1993-11-09

USE tlp devices

LONGWALL MINING

INIS: 1992-07-21; ETDE: 1977-03-08

*BT1 underground mining

RT coal mining

RT hydraulic mining

LOOP QUANTUM GRAVITY

2014-02-26

*BT1 quantum gravity

RT general relativity theory

RT spin networks

loops (coolant)

USE coolant loops

loops (in pile)

USE in pile loops

LOOSE PARTS MONITORING

INIS: 1981-08-18; ETDE: 1976-12-16

Monitoring foreign, misplaced, or loose objects in reactor cores and cooling systems.

BT1 monitoring

RT reactor instrumentation

RT reactor monitoring systems

LOPRA REACTOR

Univ. of Illinois at Urbana-Champaign, Urbana, Illinois, USA. Decommissioned.

UF low power reactor assembly

UF university of illinois lopra reactor

*BT1 triga type reactors

LORENTZ FORCE

RT charged particles

RT interactions

RT magnetic fields

RT ponderomotive force

LORENTZ GAS

UF lorentz plasma

*BT1 fully ionized gases

LORENTZ GROUPS

*BT1 poincare groups

RT anti de sitter space

RT de sitter space

LORENTZ INVARIANCE

BT1 invariance principles

RT lorentz transformations

RT special relativity theory

lorentz plasma

USE lorentz gas

LORENTZ POLES

UF toller poles

RT regge poles

LORENTZ TRANSFORMATIONS

1999-08-25

BT1 transformations

RT center-of-mass system

RT laboratory system

RT limiting fragmentation

RT lorentz invariance

RT minkowski space

RT poincare groups

RT space-time

RT special relativity theory

LOS ALAMOS

INIS: 1992-06-04; ETDE: 1979-03-05

*BT1 new mexico

BT1 urban areas

los alamos meson physics facility

USE lampf linac

los alamos molten plutonium reactor experiment

1993-11-09

USE lampre-1 reactor

los alamos national laboratory

INIS: 1984-04-04; ETDE: 1989-06-30

USE lanl

los alamos omega west reactor

1993-11-09

USE owr reactor

los alamos scientific laboratory

1995-04-03

Name changed in 1980 to Los Alamos National Laboratory.

(Older material should have been indexed to LASL, which was a valid descriptor until March 1995.)

USE lanl

los alamos water boiler reactor

2000-04-12

USE supo reactor

LOS ANGELES

1992-07-21

*BT1 california

BT1 urban areas

LOSS CONE

RT earth magnetosphere

RT loss cone instability

RT plasma

RT plasmopause

RT solar wind

LOSS CONE INSTABILITY

*BT1 plasma microinstabilities

RT loss cone

LOSS OF COOLANT

UF loca

*BT1 reactor accidents

NT1 lbloca

NT1 sbloca

RT blowdown

RT coolants

RT core flooding systems

RT core spray systems

RT loss of flow

RT reactor cooling systems

LOSS OF CORE COOLING

2017-08-25

*BT1 reactor accidents

loss of feedwater

2017-07-18

SEE atws

LOSS OF FLOW

UF lofa

*BT1 reactor accidents

RT flow blockage

RT loss of coolant

loss of fluid test reactor

USE loft reactor

loss of heat sink

2017-07-18

SEE atws

loss of off-site power

2017-07-18

SEE atws

LOSSES

UF lost circulation

NT1 chromosome losses

NT1 energy losses

NT2 ac losses

NT2 heat losses

NT2 power losses

NT2 relaxation losses

NT1 particle losses

RT accounting

RT inventories

RT material balance

RT material unaccounted for

RT nuclear materials management

RT safeguards

lost circulation

INIS: 2000-04-12; ETDE: 1981-10-24

Excessive loss of drilling fluids to exposed formations.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE drilling fluids

USE losses

LOTUS FACILITY

INIS: 1985-12-10; ETDE: 1986-01-16

RT breeding blankets

RT hybrid reactors

LOUISIANA

*BT1 usa

RT mississippi river

RT us gulf coast

louvain isochronous cyclotron

INIS: 1984-01-18; ETDE: 2002-03-28

USE cyclone cyclotron

love waves

INIS: 2000-04-12; ETDE: 1978-07-05

(Prior to March 1997 this was a valid ETDE descriptor.)

USE seismic surface waves

lovelace biomedical and environmental research institute

INIS: 2000-04-12; ETDE: 1982-07-27

USE inhalation toxicology research institute

LOVIISA-1 REACTOR

1976-08-13

Loviisa, Finland.

UF imatran voima-1 reactor

UF imatran voima power reactor

UF loviisa reactor

*BT1 wwer type reactors

LOVIISA-2 REACTOR

1976-08-13

Loviisa, Finland.

UF imatran voima-2 reactor

*BT1 wwer type reactors

loviisa reactor

2000-04-12

USE loviisa-1 reactor

LOVOZERITE

2000-04-12

*BT1 silicate minerals

RT sodium silicates

RT zirconium silicates

LOVOZERO

2000-04-12

*BT1 russian federation

LOW ALLOY STEELS

INIS: 1996-11-13; ETDE: 1988-11-09

UF steel-20n14

UF steel-astm-a350 (gr 3)

UF steel-din-1-6348

UF steel-ni3mov

UF steel-ni4

*BT1 steels

NT1 steel-astm-a350

NT1 steel-astm-a387

NT1 steel-astm-a508

NT1 steel-astm-a533

NT1 steel-cr2mo

NT2 steel-astm-a542

NT1 steel-cr2moninb

NT1 steel-cr2mov

NT1 steel-cr2nimov

NT1 steel-cr5mo

NT1 steel-cralnimo

NT1 steel-crmov

NT1 steel-crmov

NT1 steel-crni

NT1 steel-mncumo

NT2 steel-astm-a537

NT1 steel-mnmo

NT2 steel-astm-a302

NT1 steel-mnnimo

NT2 steel-astm-a533-b

NT1 steel-mnnimov

NT1 steel-ni3cr

NT1 steel-ni3crm

NT2 steel-astm-a543

NT1 steel-ni3crm

NT1 steel-ni4crw

NT1 steel-nicr

NT1 steel-nicrm

NT1 steel-nimocr

low-angle silicon-sheet growth method

INIS: 2000-04-12; ETDE: 1982-07-27

USE crystal growth methods

LOW-BETA PLASMA

Beta from 0 to 0.01.

BT1 plasma

RT beta ratio

LOW BTU GAS

2000-04-12

150 to 250 btu per cubic foot.

UF pyrotek process

*BT1 fuel gas

NT1 producer gas

RT gegas process

RT woodall-duckham process

LOW CARBON-HIGH ALLOY STEELS

INIS: 1996-11-13; ETDE: 1988-12-16

High alloy steels with not more than 0.05% C.

UF stainless steel-44ln

UF steel-cr13ni6mo-l

UF steel-cr26ni5mo-l

UF steel-ni17cr14moti-l

*BT1 stainless steels

NT1 steel-cr11ni10mo2ti-l

NT1 steel-cr17cu4ni4nb-l

NT2 stainless steel-17-4ph

NT1 steel-cr17ni12mo3-l

NT2 stainless steel-316l

NT2 stainless steel-zcnd17-13

NT1 steel-cr18ni10-l

NT1 steel-cr19ni10-l

NT2 stainless steel-304l

NT1 steel-cr20ni11-l

NT2 stainless steel-308l

NT1 steel-ni36cr12ti3al-l

LOW DOSE IRRADIATION

BT1 irradiation

RT chronic irradiation

RT dose rates

- RT dose-response relationships
RT radiation dose rate ranges

LOW-EMISSION VEHICLES

2004-11-02

Vehicles with much lower amounts of polluting emissions than usual, e.g.

ELECTRIC VEHICLES.

- UF zero-emission vehicles
BT1 vehicles
RT air pollution abatement

LOW-ENERGY BUILDINGS

2004-02-11

Buildings using significantly less energy (e.g., for domestic water and space heating) than similar buildings in the same location which lack advanced energy conservation measures.

- BT1 buildings
RT energy audits
RT energy conservation
RT energy management systems

low energy electron diffraction

- USE electron diffraction

LOW-ENERGY LIMIT

2017-05-11

- RT asymptotic solutions
RT cosmology
RT energy
RT fundamental interactions
RT high-energy limit
RT scattering
RT unified field theories

LOW-ENERGY THEOREM

- UF soft pion theorem
RT current algebra

LOW EQUATION

- BT1 equations

low flux reactor petten

- USE lfr reactor

low frequency radiation

- USE long wave radiation

LOW-HEAD HYDROELECTRIC POWER PLANTS

INIS: 1992-04-06; ETDE: 1978-08-08

Heads less than 15 meters.

- *BT1 hydroelectric power plants
RT microgeneration
RT small-scale hydroelectric power plants

LOW INCOME GROUPS

INIS: 2000-07-24; ETDE: 1978-04-05

- UF poor people
*BT1 minority groups
RT economics
RT handicapped people
RT high income groups
RT income
RT socio-economic factors

low intensity test reactor

- USE litr reactor

LOW LEVEL COUNTERS

- *BT1 radiation detectors
RT low level counting

LOW LEVEL COUNTING

INIS: 1976-08-17; ETDE: 1976-11-01

- BT1 counting techniques
RT low level counters

LOW-LEVEL RADIOACTIVE WASTES

INIS: 1978-05-19; ETDE: 1978-01-23

Wastes containing less than 5×10^{-5} microcuries/milliliter of radioactivity.

- *BT1 radioactive wastes
RT alpha-bearing wastes
RT bohunice radioactive waste processing center
RT compact commissions
RT high-level radioactive wastes
RT intermediate-level radioactive wastes
RT konrad ore mine
RT mochove liquid raw final treatment facility
RT morsleben salt mine
RT nuclear waste policy acts

low power reactor assembly

2000-04-12

- USE lopra reactor

low power test facility-nrts

- USE lptf reactor

low pressure

(Prior to November 2003 this was a valid descriptor.)

- SEE pressure range kilo pa
SEE pressure range pa

low-pressure areas

2013-12-13

- USE cyclones

LOW PRESSURE COOLANT INJECTION

1977-09-06

- UF lpci
*BT1 eccs
RT reactor safety

LOW-SULFUR COAL

2014-03-28

Coal generally containing 1% or less S by weight.

- *BT1 coal
RT sulfur content

low temperature

1992-01-23

(Prior to February 1992, this was a valid ETDE descriptor.)

- USE temperature range 0065-0273 k

lowell technical institute reactor

1993-11-09

- USE ltir reactor

LOWER HYBRID CURRENT DRIVE

INIS: 1989-07-19; ETDE: 1989-08-01

- BT1 non-inductive current drive
RT lower hybrid heating

LOWER HYBRID HEATING

1983-03-15

- UF lhr heating
UF lower hybrid resonance heating
*BT1 high-frequency heating
RT lower hybrid current drive

lower hybrid resonance heating

1983-03-15

- USE lower hybrid heating

lp-gas

INIS: 2000-04-12; ETDE: 1977-08-24

- USE liquefied petroleum gases

lpci

1977-09-06

(Prior to July 1985, this was a valid ETDE descriptor.)

- USE low pressure coolant injection

LPG INDUSTRY

INIS: 1993-03-10; ETDE: 1982-12-01

- *BT1 petroleum industry
RT liquefied petroleum gases

LPR REACTOR

2000-04-12

Babcock and Wilcox, Lynchburg, Virginia, USA. Shut down in 1981.

- UF babcock and wilcox lpr reactor
UF lynchburg pool reactor
*BT1 enriched uranium reactors
*BT1 materials testing reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors

LPTF REACTOR

INEEL, Idaho Falls, Idaho, USA.

- UF low power test facility-nrts
UF nrts-lptf reactor
*BT1 zero power reactors

LPTR REACTOR

Univ. of California, Lawrence Livermore Laboratory, Livermore, California, USA. Shut down in 1980.

- UF livermore pool type reactor
UF us aec lprr reactor
*BT1 enriched uranium reactors
*BT1 isotope production reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 tank type reactors
*BT1 thermal reactors

LR-0 REACTOR

INIS: 1998-07-07; ETDE: 1982-01-07

(Until July 1998, this was a forbidden term and this concept was indexed by LVR-15 REACTOR.)

- UF czechoslovak lr-0 reactor
UF rez lr-0 reactor
*BT1 pool type reactors
*BT1 zero power reactors

LSZ THEORY

- UF lehmann-symanzik-zimmermann method

- *BT1 axiomatic field theory

LT-3 TOKAMAK

- UF canberra tokamak

- *BT1 tokamak devices

LT-4 TOKAMAK

INIS: 1984-06-21; ETDE: 1984-07-10

- *BT1 tokamak devices

LTE

- UF local thermodynamic equilibrium
BT1 equilibrium
RT thermodynamics

LTH

- UF luteotropic hormone
UF prolactin
*BT1 gonadotropins
RT mammary glands
RT progesterone

LTIR REACTOR

Univ. of Lowell, Lowell, Massachusetts, USA.

- UF lowell technical institute reactor
*BT1 pool type reactors
*BT1 research reactors

LUBRICANTS

UF synthetic lubricants
SF mineral oil
NT1 gas lubricants
NT1 greases
NT1 lubricating oils
NT1 solid lubricants
RT cutting fluids
RT gears
RT lubrication
RT tribology

LUBRICATING OILS

BT1 lubricants
***BT1** oils
BT1 petroleum products
RT meadow foam
RT tribology
RT waste oil refineries
RT waste oils

lubricating properties

INIS: 2000-04-12; ETDE: 1985-04-24

(Prior to March 1997 this was a valid ETDE descriptor.)

USE lubrication

LUBRICATION

(From April 1985 till March 1997

LUBRICATING PROPERTIES was a valid ETDE descriptor.)

UF lubricating properties
RT bearings
RT gears
RT greases
RT hydrostatic bearings
RT lubricants
RT tribology

lucas process

INIS: 2000-04-12; ETDE: 1977-04-12

Low-sulfur flue gas from Claus plants is incinerated with low surplus of air, passed through a coke filter to remove sulfur trioxide, and oxygen, and hydrogen sulfide, and stripped of sulfur dioxide by absorption in aqueous alkali phosphate solution. The sulfur is recovered.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE desulfurization

luccu oil

USE olive oil

LUCENS REACTOR

***BT1** carbon dioxide cooled reactors
***BT1** enriched uranium reactors
***BT1** hwgcr type reactors
***BT1** pressure tube reactors
***BT1** thermal reactors

LUCIE-1 REACTOR

Florida Power and Light Co., Fort Pierce, Florida, USA.

UF hutchinson island-1 reactor
UF st lucie-1 reactor
***BT1** pwr type reactors

LUCIE-2 REACTOR

Florida Power and Light Co., Fort Pierce, Florida, USA.

UF hutchinson island-2 reactor
UF st lucie-2 reactor
***BT1** pwr type reactors

LUCIFERASE

***BT1** oxidases

LUCIFERIN

***BT1** albumins

LUCITE

***BT1** plastics
***BT1** polyacrylates
RT pmma

LUE-200 ACCELERATOR

2018-04-18

Linear electron accelerator used as a driver for the Intense Resonance Neutron Source (IREN)

***BT1** linear accelerators
RT iren facility

LUGOL

UF lugol solution
RT glycerol
RT iodine
RT potassium iodides

lugol solution

USE lugol

lumber industry

INIS: 1992-03-10; ETDE: 1979-01-30

USE wood products industry

luminal

USE phenobarbital

LUMINESCENCE

***BT1** photon emission
NT1 bioluminescence
NT1 cathodoluminescence
NT1 chemiluminescence
NT1 electroluminescence
NT1 fluorescence
NT2 resonance fluorescence
NT1 lyoluminescence
NT1 phosphorescence
NT1 photoluminescence
NT1 radioluminescence
NT2 radiothermoluminescence
NT1 thermoluminescence
NT2 radiothermoluminescence
RT glow curve
RT noctilucous clouds
RT traps

LUMINESCENT CHAMBERS

RT phosphors
RT scintillation counters

LUMINESCENT CONCENTRATORS

INIS: 2000-04-12; ETDE: 1980-02-11

Solar concentrators based on light absorption and reemission by luminescent molecules dispersed in a transparent medium and on light guiding by total internal reflections.

UF fluorescent concentrators
***BT1** solar concentrators
RT phosphors

LUMINESCENT DOSEMETERS

***BT1** dosimeters
NT1 rpl dosimeters
NT1 thermoluminescent dosimeters
RT dielectric track detectors
RT glass scintillators
RT phosphors

LUMINOL

INIS: 2000-04-12; ETDE: 1982-01-21

A crystalline compound giving a bluish luminescence when oxidized.

UF 5-amino-2,3-dihydro-1,4-phthalazine-dione
***BT1** amines
***BT1** phthalazines
RT chemiluminescence
RT ketones

LUMINOSITY

***BT1** optical properties
RT brightness
RT visibility

luminous flux density

INIS: 1986-07-09; ETDE: 1981-10-24

USE illuminance

LUMINOUS PAINTS

***BT1** paints
RT dial painters

lummus clean fuel firm coal process

INIS: 2000-04-12; ETDE: 1981-10-24

USE coal liquefaction

LUNA SPACE PROBES

INIS: 1979-02-21; ETDE: 1979-03-28

***BT1** space vehicles

LUNAR ATMOSPHERE

***BT1** satellite atmospheres
RT lunar materials
RT moon

LUNAR MATERIALS

UF materials (lunar)
BT1 materials
RT anorthosites
RT apollo project
RT dusts
RT lunar atmosphere
RT moon
RT rocks

lunar occultation

USE eclipse

lund synchrotron

USE lusy

lung cells

INIS: 1978-11-24; ETDE: 1978-04-06

USE respiratory tract cells

LUNG CLEARANCE

***BT1** excretion
RT exhalation
RT lungs
RT respiratory system

LUNG MEN-1 REACTOR

2017-11-09

New Taipei City, Taiwan, China. Under construction.

UF lungmen abwr
UF lungmen advanced boiling water reactor
UF lungmen nps
***BT1** bwr type reactors

LUNG MEN-2 REACTOR

2017-11-09

New Taipei City, Taiwan, China. Under construction.

UF lungmen abwr
UF lungmen advanced boiling water reactor
UF lungmen nps
***BT1** bwr type reactors

lungmen abwr

2017-11-09

USE lungmen-1 reactor
USE lungmen-2 reactor

lungmen advanced boiling water reactor

2017-11-09

USE lungmen-1 reactor
USE lungmen-2 reactor

lungmen nps

2017-11-09

USE lungmen-1 reactor

USE lungmen-2 reactor

LUNGS

UF alveoli (pulmonary)

UF pulmonary lavage

*BT1 organs

BT1 respiratory system

RT blood circulation

RT bronchi

RT chest

RT diaphragm

RT emphysema

RT lavage

RT lung clearance

RT lymphatic system

RT pleura

RT pneumoconioses

RT pneumonia

RT pneumonitis

RT respiration

RT respiratory tract cells

LUPUS

*BT1 immune system diseases

RT skin

RT skin diseases

LURGI CFB GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1986-10-07

Circulating fluidized bed gasification process.

*BT1 coal gasification

RT lurgi process

LURGI PROCESS

2000-04-12

A process in which noncaking coal is converted into intermediate- or high-btu gas at 1150 to 1400 degrees F and 350 to 450 psi in a moving bed gasifier. Substitution of air for oxygen will produce low-btu gas.

*BT1 coal gasification

RT lurgi cfb gasification process

RT lurgi slagging process

RT sasol-ii process

RT sng processes

LURGI-RUHRGAS PROCESS

2000-04-12

An indirect-heat process for retorting finely crushed shale. Heat-carrier solids (sand grains, coke particles, or spent shale solids) are mixed with shale in a screw-type conveyor where retorting takes place.

RT oil shales

RT retorting

LURGI SLAGGING PROCESS

INIS: 2000-04-12; ETDE: 1979-03-29

*BT1 coal gasification

RT lurgi process

LUSY

UF lund synchrotron

*BT1 synchrotrons

LUTEINIZING HORMONE

ETDE: 2005-01-28

(Prior to January 2005 LH was used for this concept.)

UF interstitial cell stim hormone

UF lh (luteinizing hormone)

*BT1 glycoproteins

*BT1 gonadotropins

RT androgens

RT estrous cycle

RT lh-rh

luteotropic hormone

USE lth

LUTETIUM

*BT1 rare earths

LUTETIUM 150

2007-02-15

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

*BT1 rare earth nuclei

LUTETIUM 151

INIS: 1983-09-05; ETDE: 1982-07-27

*BT1 lutetium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 proton decay radioisotopes

*BT1 rare earth nuclei

LUTETIUM 152

INIS: 1988-10-10; ETDE: 1987-11-24

*BT1 lutetium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

LUTETIUM 153

INIS: 1986-05-05; ETDE: 1986-07-03

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 isomeric transition isotopes

*BT1 lutetium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

LUTETIUM 154

1984-11-30

*BT1 electron capture radioisotopes

*BT1 isomeric transition isotopes

*BT1 lutetium isotopes

*BT1 microseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

LUTETIUM 155

INIS: 1976-01-27; ETDE: 1975-09-12

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

LUTETIUM 156

INIS: 1976-11-08; ETDE: 1976-09-14

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

LUTETIUM 157

INIS: 1978-04-21; ETDE: 1978-07-06

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

LUTETIUM 158

INIS: 1979-12-20; ETDE: 1980-01-24

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

LUTETIUM 159

INIS: 1980-12-01; ETDE: 1981-01-09

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

LUTETIUM 160

INIS: 1979-12-20; ETDE: 1980-01-24

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

LUTETIUM 161

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 isomeric transition isotopes

*BT1 lutetium isotopes

*BT1 milliseconds living radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

LUTETIUM 162

INIS: 1976-07-06; ETDE: 1976-04-19

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

LUTETIUM 163

INIS: 1979-12-20; ETDE: 1980-01-24

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

LUTETIUM 164

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

LUTETIUM 165

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

LUTETIUM 166

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 rare earth nuclei

LUTETIUM 167

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 lutetium isotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 rare earth nuclei

LUTETIUM 168

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 lutetium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

LUTETIUM 169

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 lutetium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

LUTETIUM 170

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 lutetium isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

LUTETIUM 171

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 lutetium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

LUTETIUM 172

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 lutetium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

LUTETIUM 173

- *BT1 electron capture radioisotopes
- *BT1 lutetium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 years living radioisotopes

LUTETIUM 174

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 lutetium isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 years living radioisotopes

LUTETIUM 174 TARGET

INIS: 1975-12-19; ETDE: 1976-07-12
BT1 targets

LUTETIUM 175

- *BT1 lutetium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes

LUTETIUM 175 TARGET

ETDE: 1976-07-12
BT1 targets

LUTETIUM 176

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 lutetium isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 years living radioisotopes

LUTETIUM 176 TARGET

ETDE: 1976-07-09
BT1 targets

LUTETIUM 177

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 lutetium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

LUTETIUM 178

- *BT1 beta-minus decay radioisotopes
- *BT1 lutetium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

LUTETIUM 179

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 lutetium isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

LUTETIUM 180

- *BT1 beta-minus decay radioisotopes
- *BT1 lutetium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei

LUTETIUM 181

INIS: 1982-06-09; ETDE: 1982-07-08
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 lutetium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei

LUTETIUM 182

1982-06-09
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 lutetium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei

LUTETIUM 183

1983-03-14
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 lutetium isotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LUTETIUM 184

INIS: 1988-03-08; ETDE: 1988-04-07
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 lutetium isotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

LUTETIUM 187

INIS: 1992-09-22; ETDE: 1982-06-07
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei

- *BT1 lutetium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei

LUTETIUM ADDITIONS

Alloys containing not more than 1% Lu are listed here.

- *BT1 lutetium alloys
- *BT1 rare earth additions

LUTETIUM ALLOYS

Alloys containing more than 1% Lu.

- *BT1 rare earth alloys
- NT1 lutetium additions
- NT1 lutetium base alloys

LUTETIUM BASE ALLOYS

- *BT1 lutetium alloys

LUTETIUM BORIDES

- *BT1 borides
- *BT1 lutetium compounds

LUTETIUM BROMIDES

- *BT1 bromides
- *BT1 lutetium halides

LUTETIUM CARBIDES

- *BT1 carbides
- *BT1 lutetium compounds

LUTETIUM CARBONATES

INIS: 2000-04-12; ETDE: 1989-05-11
*BT1 carbonates
*BT1 lutetium compounds

LUTETIUM CHLORIDES

- *BT1 chlorides
- *BT1 lutetium halides

LUTETIUM COMPLEXES

- *BT1 rare earth complexes

LUTETIUM COMPOUNDS

1997-06-17
BT1 rare earth compounds
NT1 lutetium borides
NT1 lutetium carbides
NT1 lutetium carbonates
NT1 lutetium halides
NT2 lutetium bromides
NT2 lutetium chlorides
NT2 lutetium fluorides
NT2 lutetium iodides
NT1 lutetium hydrides
NT1 lutetium hydroxides
NT1 lutetium nitrates
NT1 lutetium oxides
NT1 lutetium perchlorates
NT1 lutetium phosphates
NT1 lutetium selenides
NT1 lutetium silicates
NT1 lutetium silicides
NT1 lutetium sulfates
NT1 lutetium sulfides
NT1 lutetium tungstates

LUTETIUM FLUORIDES

- *BT1 fluorides
- *BT1 lutetium halides

LUTETIUM HALIDES

2012-07-19
*BT1 halides
*BT1 lutetium compounds
NT1 lutetium bromides
NT1 lutetium chlorides
NT1 lutetium fluorides
NT1 lutetium iodides

LUTETIUM HYDRIDES

- *BT1 hydrides

*BT1 lutetium compounds

LUTETIUM HYDROXIDES

*BT1 hydroxides

*BT1 lutetium compounds

LUTETIUM IODIDES

*BT1 iodides

*BT1 lutetium halides

LUTETIUM IONS

*BT1 ions

LUTETIUM ISOTOPES

BT1 isotopes

NT1 lutetium 150

NT1 lutetium 151

NT1 lutetium 152

NT1 lutetium 153

NT1 lutetium 154

NT1 lutetium 155

NT1 lutetium 156

NT1 lutetium 157

NT1 lutetium 158

NT1 lutetium 159

NT1 lutetium 160

NT1 lutetium 161

NT1 lutetium 162

NT1 lutetium 163

NT1 lutetium 164

NT1 lutetium 165

NT1 lutetium 166

NT1 lutetium 167

NT1 lutetium 168

NT1 lutetium 169

NT1 lutetium 170

NT1 lutetium 171

NT1 lutetium 172

NT1 lutetium 173

NT1 lutetium 174

NT1 lutetium 175

NT1 lutetium 176

NT1 lutetium 177

NT1 lutetium 178

NT1 lutetium 179

NT1 lutetium 180

NT1 lutetium 181

NT1 lutetium 182

NT1 lutetium 183

NT1 lutetium 184

NT1 lutetium 187

LUTETIUM NITRATES

*BT1 lutetium compounds

*BT1 nitrates

LUTETIUM OXIDES

*BT1 lutetium compounds

*BT1 oxides

LUTETIUM PERCHLORATES

1996-06-28

(From June 1996 to November 2007

LUTETIUM COMPOUNDS +

PERCHLORATES was used for this concept.)

*BT1 lutetium compounds

*BT1 perchlorates

LUTETIUM PHOSPHATES

INIS: 1975-10-23; ETDE: 1975-12-16

*BT1 lutetium compounds

*BT1 phosphates

LUTETIUM SELENIDES

INIS: 1996-06-28; ETDE: 1975-11-28

(From June 1996 to November 2007

LUTETIUM COMPOUNDS + SELENIDES was used for this concept.)

*BT1 lutetium compounds

*BT1 selenides

LUTETIUM SILICATES

INIS: 1979-02-21; ETDE: 1977-04-12

*BT1 lutetium compounds

*BT1 silicates

LUTETIUM SILICIDES

INIS: 1978-07-31; ETDE: 1978-09-11

*BT1 lutetium compounds

*BT1 silicides

LUTETIUM SULFATES

*BT1 lutetium compounds

*BT1 sulfates

LUTETIUM SULFIDES

*BT1 lutetium compounds

*BT1 sulfides

LUTETIUM TUNGSTATES

INIS: 2000-04-12; ETDE: 1990-05-16

*BT1 lutetium compounds

*BT1 tungstates

LUXEMBOURG

1995-04-03

BT1 developed countries

*BT1 western europe

RT oecd

LVR-15 REACTOR

1995-01-04

Nuclear Research Institute, Rez, Czech Republic.

UF czech wwr-s reactor

UF prague wwr-s reactor

UF wwr-c-prague reactor

UF wwr-s-rez reactor

*BT1 research reactors

*BT1 thermal reactors

*BT1 wwr type reactors

*BT1 zero power reactors

LWBR TYPE REACTORS

*BT1 breeder reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

LWGR TYPE REACTORS

1996-02-09

UF rbmk type reactors

UF water cooled graphite moderated reactors

*BT1 graphite moderated reactors

*BT1 water cooled reactors

NT1 aps reactor

NT1 beloyarsk-1 reactor

NT1 beloyarsk-2 reactor

NT1 bilibin reactor

NT1 chernobylsk-1 reactor

NT1 chernobylsk-2 reactor

NT1 chernobylsk-3 reactor

NT1 chernobylsk-4 reactor

NT1 ignalina-1 reactor

NT1 ignalina-2 reactor

NT1 kursk-1 reactor

NT1 kursk-2 reactor

NT1 kursk-3 reactor

NT1 kursk-4 reactor

NT1 leningrad-1 reactor

NT1 leningrad-2 reactor

NT1 leningrad-3 reactor

NT1 leningrad-4 reactor

NT1 n-reactor

NT1 rpt reactor

NT1 smolensk-1 reactor

NT1 smolensk-2 reactor

NT1 smolensk-3 reactor

NT1 uwtr reactor

RT enriched uranium reactors

RT power reactors

RT thermal reactors

LWOR TYPE REACTORS

UF water moderated organic cooled reactors

*BT1 organic cooled reactors

*BT1 water moderated reactors

RT power reactors

lwr type reactors

INIS: 2000-04-12; ETDE: 1983-03-07

USE water cooled reactors

LYAPUNOV METHOD

INIS: 1976-09-06; ETDE: 1976-11-01

UF liapunov method

BT1 calculation methods

RT differential equations

RT limit cycle

RT stability

LYASES

Code number 4.

*BT1 enzymes

NT1 carbon-carbon lyases

NT2 aldehyde-lyases

NT2 aldolases

NT2 carboxy-lyases

NT3 carboxylase

NT3 decarboxylases

NT3 ribulose diphosphate carboxylase

NT1 carbon-oxygen lyases

NT2 hyaluronidase

NT2 hydro-lyases

NT3 carbonic anhydrase

NT1 cyclases

NT1 dna methylases

RT aldehydes

RT carboxylation

RT decarboxylation

lyman alpha emission

USE lyman lines

lyman alpha radiation

USE lyman lines

lyman continuum

USE lyman lines

LYMAN LINES

Includes all aspects of the transitions associated with Lyman lines.

UF lyman alpha emission

UF lyman alpha radiation

UF lyman continuum

UF lyman series

RT hydrogen

RT spectra

lyman series

USE lyman lines

LYMANTRIA DISPAR

UF gypsy moth

*BT1 moths

LYMPH

*BT1 body fluids

RT lymphatic system

LYMPH NODES

BT1 lymphatic system

RT immune system diseases

RT lymph vessels

RT reticuloendothelial system

LYMPH VESSELS

UF thoracic duct

BT1 lymphatic system

RT angiomas

RT lymph nodes

RT veins

LYMPHATIC SYSTEM

UF *appendix (vermiform)*
 UF *bursa of fabricius*
 UF *tonsils*
NT1 lymph nodes
NT1 lymph vessels
NT1 thymus
 RT cardiovascular system
 RT leukemia
 RT lungs
 RT lymph
 RT lymphocytes
 RT lymphomas
 RT organs
 RT radiation syndrome
 RT reticuloendothelial system
 RT spleen
 RT splenectomy

lymphoblastomas

USE lymphomas

LYMPHOCYTES

UF *lymphoid cells*
 *BT1 connective tissue cells
 *BT1 leukocytes
 RT concanavalin a
 RT histocompatibility complex
 RT hybridomas
 RT immune system diseases
 RT immunity
 RT lymphatic system
 RT lymphokines
 RT lymphomas
 RT lymphopenia
 RT natural killer cells
 RT phytohemagglutinin
 RT plasma cells
 RT radiation syndrome
 RT thymus

lymphogranuloma malignum

USE hodgkins disease

lymphogranulomas

USE lymphomas

lymphogranulomatosis

USE hodgkins disease

lymphoid cells

USE lymphocytes

LYMPHOKINES

INIS: 1999-09-08; ETDE: 1981-01-09
Biologically active molecules released from lymphocytes stimulated by antigens of mitogens.

UF *cytokines*
 UF *interleukins*
 *BT1 growth factors
NT1 interferon
 RT complement
 RT immunity
 RT lymphocytes

LYMPHOMAS

UF *lymphoblastomas*
 UF *lymphogranulomas*
 *BT1 immune system diseases
 *BT1 neoplasms
NT1 hodgkins disease
NT1 lymphosarcomas
 RT lymphatic system
 RT lymphocytes

LYMPHOPENIA

*BT1 leukopenia
 RT lymphocytes

lymphopoiesis

USE leukopoiesis

LYMPHOSARCOMAS

*BT1 lymphomas
 *BT1 sarcomas

lynchburg pool reactor

2000-04-12
 USE lpr reactor

LYNDOCHITE

2000-04-12
 *BT1 oxide minerals
 *BT1 thorium minerals
 RT niobium oxides
 RT thorium oxides

LYNITE

2000-04-12
 *BT1 aluminium base alloys
 *BT1 copper alloys
 *BT1 iron alloys
 *BT1 zinc alloys

LYOLUMINESCENCE

INIS: 1977-09-06; ETDE: 1977-10-19
 *BT1 chemical radiation effects
 *BT1 luminescence
 RT dosimetry

LYOPHILIZATION

SF *freeze drying*
 RT drying
 RT freezing

LYSERGIC ACID

*BT1 alkaloids
 *BT1 heterocyclic acids
 *BT1 indoles

lysholm engine

INIS: 2000-04-12; ETDE: 1984-07-20
 USE helical rotary screw expander

LYSIMETERS

INIS: 1986-07-09; ETDE: 1985-11-19
Devices for measuring the percolation of water through soils and for determining the soluble constituents removed in the drainage.
 BT1 measuring instruments

LYSINE

UF *diaminocaproic acid*
 *BT1 amino acids

LYSIS

INIS: 1976-05-07; ETDE: 1975-11-11
NT1 electrolysis
NT2 anodization
NT3 electrodeposition
NT2 electroplating
NT2 electropolishing
NT2 electrorefining
NT2 photoelectrolysis
NT1 hemolysis
NT1 hydrolysis
NT2 acid hydrolysis
NT2 alkaline hydrolysis
NT2 autohydrolysis
NT2 enzymatic hydrolysis
NT2 saccharification
NT2 saponification

LYSOSOMES

1999-04-20
 RT golgi complexes
 RT subcellular distribution

LYSOZYME

Code number 3.2.1.17.
 *BT1 o-glycosyl hydrolases
 RT mucoproteins

RT polysaccharides

M CAPTURE

INIS: 1979-09-18; ETDE: 1979-08-09
 *BT1 electron capture decay

M CENTERS

*BT1 color centers

M CODES

BT1 computer codes

M CONVERSION

UF *m-conversion coefficient*
 *BT1 internal conversion

m-conversion coefficient

USE m conversion

m-gas process

INIS: 2000-04-12; ETDE: 1979-02-27
Two vessel system to convert hydrocarbons to fuel gas in which steam gasification of feedstock occurs in one fluidized bed and regeneration of catalyst with combustion of coke and fuel in a separate fluidized bed. (Prior to January 1995, this was a valid ETDE descriptor.)
 SEE synthetic fuels

M SHELL

INIS: 1976-07-06; ETDE: 1976-08-24
Atomic electron shells.
 UF *atomic shells (m)*
 BT1 electronic structure

M-THEORY

2007-08-13
Highly symmetric multi-dimensional theory of particles and their interactions; generalization of supergravity and related by weak-strong duality to each of the five known variations of string theory.
 UF *brane cosmology*
 UF *brane models*
 UF *brane theory*
 SF *membrane theory*
NT1 string theory
NT2 superstring theory
 RT cosmological models
 RT general relativity theory
 RT particle interactions
 RT particle models
 RT quantum mechanics
 RT standard model
 RT supergravity
 RT supersymmetry

M1-TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-04-28
Magnetic dipole transitions.
 UF *magnetic dipole transitions*
 *BT1 multipole transitions

M2-TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-05-01
Magnetic quadrupole transitions.
 UF *magnetic quadrupole transitions*
 *BT1 multipole transitions

M3-TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-04-28
Magnetic octupole transitions.
 UF *magnetic octupole transitions*
 *BT1 multipole transitions

M4-TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-05-01
Magnetic hexadecapole transitions.
 UF *magnetic hexadecapole transitions*
 *BT1 multipole transitions

ma 754

INIS: 2000-04-12; ETDE: 1979-08-09
USE nickel base alloys

ma 956

INIS: 2000-04-12; ETDE: 1979-08-09
USE iron base alloys

MA-R1 REACTOR

2019-01-28
CNESTEN. Rabat, Morocco.
*BT1 triga type reactors

MAANSHAN-1 REACTOR

1991-10-09
Taiwan, China.
*BT1 pwr type reactors

MAANSHAN-2 REACTOR

2017-10-18
Taiwan, China
*BT1 pwr type reactors

mac

USE maximum acceptable contamination

macaca

USE macacus

MACACUS

UF macaca
UF rhesus monkeys
*BT1 monkeys

MACAO

BT1 asia

macedonia (the former yugoslav republic of)

INIS: 1997-06-05; ETDE: 1998-04-10
USE the former yugoslav republic of macedonia

MACEDONIAN ORGANIZATIONS

2004-03-31
BT1 national organizations

MACERALS

INIS: 1997-06-19; ETDE: 1977-06-24
Petrologic units seen in microscopic sections of coal.
NT1 exinite
NT1 inertinite
NT1 resinite
NT1 vitrinite
RT coal
RT lithotypes
RT petrology

MACH NUMBER

BT1 dimensionless numbers
BT1 velocity
RT aerodynamics
RT flow rate
RT shock waves

MACH PRINCIPLE

BT1 hypothesis
RT cosmology
RT general relativity theory
RT space-time

MACH-ZEHNDER INTERFEROMETER

*BT1 interferometers

MACHINE PARTS

1996-04-18
UF couplings (machine parts)
NT1 brakes
NT2 water brakes
NT1 gears
NT1 mechanical shafts

NT1 mechanical transmissions
NT1 pistons
NT1 springs
RT castings
RT rotors
RT stators

MACHINE TOOLS

*BT1 tools
NT1 grinding machines
NT1 lathes
NT1 milling machines
RT computer-aided manufacturing
RT drill bits
RT machining
RT presses

MACHINE TRANSLATIONS

INIS: 1992-08-18; ETDE: 1976-12-15
Not for translation of computer programs, for which use TRANSLATORS.
RT computers
RT dictionaries
RT expert systems
RT standardized terminology

MACHINERY

INIS: 1992-01-16; ETDE: 1979-12-10
BT1 equipment
NT1 pulverizers
NT1 refrigerating machinery
NT1 turbomachinery
NT2 turbines
NT3 gas turbines
NT4 coal-fired gas turbines
NT3 hydraulic turbines
NT4 pump turbines
NT3 radial inflow turbines
NT3 radial-outflow reaction turbines
NT3 rotary separator turbines
NT3 steam turbines
NT3 wind turbines
NT4 diffuser augmented turbines
NT4 horizontal axis turbines
NT4 vertical axis turbines
NT5 giromill turbines
NT5 tornado turbines
NT4 vortex augmented turbines
NT2 turbochargers
NT2 turbodrills
NT2 turbofan engines
NT2 turbogenerators
NT2 turbojet engines
NT1 winding machines
RT manufacturing

MACHINING

NT1 chemical machining
NT2 electrochemical machining
NT1 cutting
NT1 electron beam machining
NT1 grinding
NT1 honing
NT1 laser beam machining
NT1 materials drilling
NT2 laser drilling
NT2 rock drilling
NT1 milling
NT1 spark machining
NT1 ultrasonic machining
RT cutting fluids
RT lathes
RT machine tools
RT materials working
RT surface finishing
RT tools

MACKINTOSHITE

2000-04-12
*BT1 silicate minerals
*BT1 thorium minerals

*BT1 uranium minerals
RT thorium silicates
RT uranium silicates

MACROPHAGES

*BT1 connective tissue cells
*BT1 phagocytes
RT phagocytosis
RT reticuloendothelial system
RT spleen

MADAGASCAR

BT1 africa
BT1 developing countries
BT1 islands
NT1 malagasy republic
RT indian ocean

MADARAS ROTORS

INIS: 2000-04-12; ETDE: 1978-10-23
BT1 rotors
RT vertical axis turbines

madras-1 reactor

2018-01-26
USE kalpakkam-1 reactor

madras-2 reactor

2018-01-26
USE kalpakkam-2 reactor

MAGELLANIC CLOUDS

BT1 galaxies

MAGIC NUCLEI

UF magic numbers
BT1 nuclei
RT nuclear structure
RT stable isotopes

magic numbers

USE magic nuclei

MAGMA

1996-04-29
Naturally occurring mobile rock materials, generated within the earth and capable of intrusion and extrusion, from which igneous rocks are thought to have been derived by solidification and related processes.
RT igneous rocks
RT lava
RT magmatism
RT volcanism
RT volcanoes

MAGMA SYSTEMS

1992-03-30
A geothermal system in which the dominant heat source is a reservoir of magma.
BT1 geothermal systems

magmamax process

INIS: 2000-04-12; ETDE: 1977-11-29
USE binary-fluid systems

MAGMATIC WATER

2000-04-12
Water that exists in, or which is derived from, molten igneous rocks or magma.
*BT1 ground water

MAGMATISM

INIS: 1993-01-22; ETDE: 1978-07-05
The development, movement, and solidification of magma to igneous rocks.
RT igneous rocks
RT magma
RT volcanism

MAGNALIUM

2000-04-12
*BT1 aluminium base alloys

- *BT1 copper alloys
- *BT1 magnesium alloys

MAGNESIUM

- *BT1 alkaline earth metals

MAGNESIUM 19*2004-09-14*

- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 milliseconds living radioisotopes

MAGNESIUM 20

- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 milliseconds living radioisotopes

MAGNESIUM 21

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 milliseconds living radioisotopes

MAGNESIUM 22

- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 seconds living radioisotopes

MAGNESIUM 23

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 seconds living radioisotopes

MAGNESIUM 23 TARGET*INIS: 1976-04-03; ETDE: 1976-07-12*
BT1 targets**MAGNESIUM 24**

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 stable isotopes
- RT* magnesium 24 beams
- RT* magnesium 24 reactions

MAGNESIUM 24 BEAMS*INIS: 1976-01-27; ETDE: 1976-03-12*
*BT1 ion beams
RT magnesium 24**MAGNESIUM 24 REACTIONS**

- *BT1 heavy ion reactions
- RT* magnesium 24

MAGNESIUM 24 TARGET*ETDE: 1976-07-09*
BT1 targets**MAGNESIUM 25***1995-01-04*

- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 stable isotopes
- RT* magnesium 25 beams

MAGNESIUM 25 BEAMS*1995-01-04*
*BT1 ion beams
RT magnesium 25**MAGNESIUM 25 REACTIONS***INIS: 1982-04-14; ETDE: 1981-08-04*
*BT1 heavy ion reactions**MAGNESIUM 25 TARGET***ETDE: 1976-07-09*
BT1 targets**MAGNESIUM 26**

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 stable isotopes

MAGNESIUM 26 REACTIONS*INIS: 1982-06-09; ETDE: 1982-07-08*
*BT1 heavy ion reactions**MAGNESIUM 26 TARGET***ETDE: 1976-07-09*
BT1 targets**MAGNESIUM 27**

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 minutes living radioisotopes

MAGNESIUM 27 TARGET*INIS: 1979-04-27; ETDE: 1979-05-25*
BT1 targets**MAGNESIUM 28**

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 light nuclei
- *BT1 magnesium isotopes
- RT* radioisotope generators

MAGNESIUM 28 DECAY RADIOISOTOPES*INIS: 1990-01-30; ETDE: 1990-02-13*
*BT1 heavy ion decay radioisotopes
NT1 plutonium 236
NT1 uranium 234
RT magnesium 28 emission decay**MAGNESIUM 28 EMISSION DECAY***INIS: 1990-01-30; ETDE: 1990-02-13*
*BT1 heavy ion emission decay
RT magnesium 28 decay radioisotopes**MAGNESIUM 29**

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 seconds living radioisotopes

MAGNESIUM 30

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 milliseconds living radioisotopes

MAGNESIUM 30 EMISSION DECAY*INIS: 1989-10-27; ETDE: 1989-11-21*
*BT1 heavy ion emission decay**MAGNESIUM 31**

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 magnesium isotopes
- *BT1 milliseconds living radioisotopes

MAGNESIUM 32*INIS: 1977-10-17; ETDE: 1977-08-09*
*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 light nuclei
*BT1 magnesium isotopes**MAGNESIUM 33***INIS: 1980-07-24; ETDE: 1980-02-11*
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 light nuclei
*BT1 magnesium isotopes**MAGNESIUM 34***INIS: 1980-07-24; ETDE: 1980-02-11*
*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 light nuclei
*BT1 magnesium isotopes**MAGNESIUM 35***INIS: 1989-09-14; ETDE: 1989-10-16*
*BT1 even-odd nuclei
*BT1 light nuclei
*BT1 magnesium isotopes**MAGNESIUM 36***INIS: 1989-09-14; ETDE: 1989-10-16*
*BT1 even-even nuclei
*BT1 light nuclei
*BT1 magnesium isotopes**MAGNESIUM 37***2007-02-15*
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 light nuclei
*BT1 magnesium isotopes
*BT1 nanoseconds living radioisotopes**MAGNESIUM 38***2006-12-20*
*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 light nuclei
*BT1 magnesium isotopes**MAGNESIUM 39***2006-09-04*
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 light nuclei
*BT1 magnesium isotopes
*BT1 nanoseconds living radioisotopes**MAGNESIUM 40***2005-01-19*
*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 light nuclei
*BT1 magnesium isotopes**MAGNESIUM ADDITIONS***Alloys containing not more than 1% Mg are listed here.*

- *BT1 magnesium alloys
- NT1** alloy-al95cu4
- NT2** duralumin
- NT1** bondur
- NT1** zamak

MAGNESIUM ALLOY-AZ31B*2000-04-12*
*BT1 aluminium alloys
*BT1 magnesium base alloys
*BT1 manganese additions
*BT1 zinc alloys**MAGNESIUM ALLOY-EK***2000-04-12*
*BT1 magnesium base alloys
*BT1 rare earth alloys
*BT1 zirconium additions**MAGNESIUM ALLOY-EZ***2000-04-12*
*BT1 magnesium base alloys
*BT1 rare earth alloys

- *BT1 zinc alloys
- *BT1 zirconium additions

MAGNESIUM ALLOY-HK31A

2000-04-12

- *BT1 magnesium base alloys
- *BT1 thorium alloys
- *BT1 zirconium additions

MAGNESIUM ALLOY-ZR

2000-04-12

- *BT1 chromium alloys
- *BT1 magnesium base alloys
- *BT1 zinc alloys

MAGNESIUM ALLOYS*Alloys containing more than 1% Mg.*

- BT1 alloys
- NT1 duralumin
- NT1 magnalium
- NT1 magnesium additions
 - NT2 alloy-al95cu4
 - NT3 duralumin
- NT2 bondur
- NT2 zamak
- NT1 magnesium base alloys
 - NT2 magnesium alloy-az31b
 - NT2 magnesium alloy-ek
 - NT2 magnesium alloy-ez
 - NT2 magnesium alloy-hk31a
 - NT2 magnesium alloy-zr
 - NT2 magnox

MAGNESIUM ARSENIDES*INIS: 2000-04-12; ETDE: 1976-11-29*

- *BT1 arsenides
- *BT1 magnesium compounds

MAGNESIUM BASE ALLOYS

- *BT1 magnesium alloys
- NT1 magnesium alloy-az31b
- NT1 magnesium alloy-ek
- NT1 magnesium alloy-ez
- NT1 magnesium alloy-hk31a
- NT1 magnesium alloy-zr
- NT1 magnox

MAGNESIUM BORIDES

- *BT1 borides
- *BT1 magnesium compounds

MAGNESIUM BROMIDES

- *BT1 bromides
- *BT1 magnesium halides

MAGNESIUM CARBIDES

- *BT1 carbides
- *BT1 magnesium compounds

MAGNESIUM CARBONATES

1996-06-26

- *BT1 carbonates
- *BT1 magnesium compounds
- RT ankerite
- RT carbonate minerals
- RT dolomite
- RT limestone

MAGNESIUM CHLORIDES

- *BT1 chlorides
- *BT1 magnesium halides
- RT carnallite
- RT halide minerals

MAGNESIUM COMPLEXES

- *BT1 alkaline earth metal complexes

MAGNESIUM COMPOUNDS

1997-06-17

- BT1 alkaline earth metal compounds
- NT1 grignard reagents
- NT1 magnesium arsenides
- NT1 magnesium borides

- NT1 magnesium carbides
- NT1 magnesium carbonates
- NT1 magnesium halides
 - NT2 magnesium bromides
 - NT2 magnesium chlorides
 - NT2 magnesium fluorides
 - NT2 magnesium iodides
- NT1 magnesium hydrides
- NT1 magnesium hydroxides
- NT1 magnesium nitrates
- NT1 magnesium nitrides
- NT1 magnesium oxides
- NT1 magnesium perchlorates
- NT1 magnesium phosphates
- NT1 magnesium silicates
- NT1 magnesium silicides
- NT1 magnesium sulfates
- NT1 magnesium sulfides
- NT1 magnesium tellurides

MAGNESIUM FLUORIDES

- *BT1 fluorides
- *BT1 magnesium halides

MAGNESIUM HALIDES

2012-07-19

- *BT1 halides
- *BT1 magnesium compounds
- NT1 magnesium bromides
- NT1 magnesium chlorides
- NT1 magnesium fluorides
- NT1 magnesium iodides

MAGNESIUM HYDRIDES

- *BT1 hydrides
- *BT1 magnesium compounds

MAGNESIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 magnesium compounds

MAGNESIUM IODIDES

- *BT1 iodides
- *BT1 magnesium halides

MAGNESIUM IONS

- *BT1 ions

MAGNESIUM ISOTOPES

1999-02-01

- *BT1 alkaline earth isotopes
- NT1 magnesium 19
- NT1 magnesium 20
- NT1 magnesium 21
- NT1 magnesium 22
- NT1 magnesium 23
- NT1 magnesium 24
- NT1 magnesium 25
- NT1 magnesium 26
- NT1 magnesium 27
- NT1 magnesium 28
- NT1 magnesium 29
- NT1 magnesium 30
- NT1 magnesium 31
- NT1 magnesium 32
- NT1 magnesium 33
- NT1 magnesium 34
- NT1 magnesium 35
- NT1 magnesium 36
- NT1 magnesium 37
- NT1 magnesium 38
- NT1 magnesium 39
- NT1 magnesium 40

MAGNESIUM NITRATES

- *BT1 magnesium compounds
- *BT1 nitrates

MAGNESIUM NITRIDES

- *BT1 magnesium compounds
- *BT1 nitrides

MAGNESIUM OXIDES

- *BT1 magnesium compounds
- *BT1 oxides
- RT novacekite
- RT oxide minerals
- RT spinels

MAGNESIUM PERCHLORATES

- *BT1 magnesium compounds
- *BT1 perchlorates

MAGNESIUM PHOSPHATES

- *BT1 magnesium compounds
- *BT1 phosphates
- RT phosphate minerals
- RT saleeite

MAGNESIUM SILICATES

- *BT1 magnesium compounds
- *BT1 silicates
- RT enstatite
- RT lava
- RT olivine
- RT sepiolite
- RT serpentine
- RT silicate minerals
- RT sklodowskite
- RT talc
- RT vermiculite

MAGNESIUM SILICIDES*INIS: 1976-10-07; ETDE: 1975-10-28*

- *BT1 magnesium compounds
- *BT1 silicides

MAGNESIUM SLURRY SCRUBBING PROCESS*INIS: 2000-04-12; ETDE: 1977-04-12*

Process uses magnesium oxide to absorb sulfur dioxide in a wet scrubber. Aqueous slurry of magnesium sulfite formed in the scrubber is dried and calcined to regenerate magnesium oxide and produce an sulfur dioxide-rich gas stream for recovery of sulfuric acid or elemental sulfur.

- *BT1 desulfurization
- RT scrubbing
- RT waste processing

MAGNESIUM SULFATES

- *BT1 magnesium compounds
- *BT1 sulfates
- RT lava
- RT polyhalite
- RT sulfate minerals

MAGNESIUM SULFIDES

- *BT1 magnesium compounds
- *BT1 sulfides

MAGNESIUM TELLURIDES*INIS: 1991-09-16; ETDE: 1975-09-11*

- *BT1 magnesium compounds
- *BT1 tellurides

MAGNET COILS

- UF coils (magnetic)
- UF magnetic coils
- *BT1 electric coils
- NT1 pulsed magnet coils
- RT magnets
- RT septum magnets
- RT solenoids
- RT superconducting coils
- RT superconducting magnets
- RT winding machines

MAGNET CORES

- UF cores (magnet)
- RT magnet pole pieces
- RT magnets

MAGNET POLE PIECES

RT magnet cores
RT magnets

MAGNET STEEL-KS

2000-04-12

*BT1 chromium steels
*BT1 cobalt alloys
*BT1 tungsten alloys

MAGNETIC AMPLIFIERS

*BT1 amplifiers

MAGNETIC ANALYZERS

BT1 beam analyzers
RT beam bending magnets
RT electromagnetic lenses
RT electrostatic septa
RT septum magnets

MAGNETIC BALANCES

UF balances (magnetic)
BT1 measuring instruments
RT magnetic susceptibility

MAGNETIC BAYS

UF auroral substorms
UF bays (magnetic)
UF polar substorms
RT disturbances
RT magnetic storms

MAGNETIC BEARINGS

BT1 bearings

magnetic bremsstrahlung

USE synchrotron radiation

MAGNETIC CIRCUITS

UF circuits (magnetic)
RT electric coils

MAGNETIC CIRCULAR DICHROISM

INIS: 1994-06-27; ETDE: 1981-07-18

BT1 dichroism
RT structural chemical analysis

magnetic coils

USE magnet coils

MAGNETIC COMPRESSION

UF pulsar concept
BT1 compression
RT linus reactors
RT magnetic fields
RT pinch effect

MAGNETIC CONFINEMENT

INIS: 1996-04-16; ETDE: 1989-11-02

*BT1 plasma confinement
NT1 h-mode plasma confinement
NT1 l-mode plasma confinement
RT electron rings
RT ion rings
RT magnetic field configurations
RT rotational transform

magnetic cooling

INIS: 2000-04-12; ETDE: 1976-02-20

USE adiabatic demagnetization

MAGNETIC CORES

For the storage of information in machine-readable form only.

UF cores (magnetic)
*BT1 magnetic storage devices
RT computers

MAGNETIC DIPOLE MOMENTS

BT1 dipole moments
BT1 magnetic moments
RT nuclear magnetic moments

RT particle magnetic polarizability

magnetic dipole transitions

INIS: 1978-02-23; ETDE: 1978-04-28

USE m1-transitions

MAGNETIC DIPOLES

*BT1 dipoles
RT magnetic fields

MAGNETIC DISKS

UF disks (magnetic)
*BT1 magnetic storage devices

MAGNETIC DRUMS

*BT1 magnetic storage devices

MAGNETIC ENERGY STORAGE

INIS: 1995-02-27; ETDE: 1977-01-28

*BT1 energy storage
NT1 superconducting magnetic energy storage
RT magnetic energy storage equipment
RT superconducting magnets

MAGNETIC ENERGY STORAGE EQUIPMENT

INIS: 1995-02-27; ETDE: 1977-09-19

*BT1 energy storage systems
BT1 equipment
RT magnetic energy storage
RT magnets
RT peaking power plants
RT superconducting coils
RT superconducting magnets

MAGNETIC FIELD CONFIGURATIONS

For pinch configurations, use the narrower terms of PINCHEFFECT.

NT1 closed configurations
NT2 minimum average-b configurations
NT2 multipolar configurations
NT3 hexapolar configurations
NT3 octupolar configurations
NT3 quadrupolar configurations
NT2 toroidal configuration
NT1 magnetic field reversal
NT1 magnetic field ripples
NT1 magnetic islands
NT1 magnetic surfaces
NT2 mode rational surfaces
NT1 open configurations
NT2 baseball seam configurations
NT2 cusped geometries
NT2 magnetic mirror configurations
NT3 tlm configurations
NT2 minimum-b configurations
RT confinement
RT divertors
RT helical configuration
RT magnetic confinement
RT magnetic fields
RT magnetic reconnection
RT pinch effect
RT plasma
RT reversed-field pinch devices
RT rotational transform
RT thermonuclear devices

MAGNETIC FIELD REVERSAL

INIS: 1981-08-31; ETDE: 1978-02-14

BT1 magnetic field configurations
RT magnetic fields
RT magnetic reconnection
RT reverse-field pinch
RT reversed-field mirrors

MAGNETIC FIELD RIPPLES

INIS: 1981-07-06; ETDE: 1978-04-06

BT1 magnetic field configurations
RT magnetic fields

RT plasma

MAGNETIC FIELDS

UF external magnetic fields
UF fields (magnetic)
UF magnetic force microscopy
UF magnetolectricity
UF photoelectromagnetic effect
UF photomagnetolectric effect
NT1 critical field
NT1 dynamic magnetic fields
NT1 force-free magnetic fields
NT1 geomagnetic field
NT1 interplanetary magnetic fields
NT1 interstellar magnetic fields
NT1 static magnetic fields
RT beta ratio
RT biot-savart law
RT crossed fields
RT demagnetization
RT electromagnetic fields
RT end effects
RT faraday method
RT galvanomagnetic effect
RT guiding-center approximation
RT inhomogeneous fields
RT langevin equation
RT larmor radius
RT levitation
RT lorentz force
RT magnetic compression
RT magnetic dipoles
RT magnetic field configurations
RT magnetic field reversal
RT magnetic field ripples
RT magnetic flux
RT magnetic islands
RT magnetic mirror configurations
RT magnetic mirrors
RT magnetic properties
RT magnetic reconnection
RT magnetic rigidity
RT magnetism
RT magnetization
RT magneto-thermal effects
RT mirror ratio
RT rigi-leduc effect
RT rotational transform
RT shear
RT shubnikov-de haas effect
RT stoermer theory
RT tlm configurations
RT trapping
RT zeeman effect

MAGNETIC FILTERS

INIS: 1983-03-15; ETDE: 1979-10-23

Devices for the collection or removal of magnetic particles from a liquid or gaseous stream by magnetic fields.

BT1 filters
RT filtration
RT magnetic separators
RT separation processes

MAGNETIC FLUX

UF flux (magnetic)
UF flux jumps
UF flux pinning
UF fluxoids
UF foucault current
UF magnetic vortices
UF pinning force
UF vortices (magnetic)
RT aharonov-bohm effect
RT flux density
RT flux quantization
RT magnetic fields
RT skin effect
RT superconductivity

MAGNETIC FLUX COORDINATES

INIS: 1988-11-16; ETDE: 1988-12-05

A coordinate system for a toroidally confined plasma in which the radial coordinate is defined by the magnetic flux contained within a given magnetic flux surface.

*BT1 curvilinear coordinates

RT magnetic surfaces

RT plasma radial profiles

RT rotational transform

magnetic force microscopy

INIS: 2002-09-11; ETDE: 2002-08-26

USE atomic force microscopy

USE magnetic fields

MAGNETIC FORCE WELDING

*BT1 welding

RT magnetic forming

MAGNETIC FORMING

*BT1 materials working

RT magnetic force welding

MAGNETIC GRADIENT**ACCELERATORS**

INIS: 1982-10-29; ETDE: 1980-01-15

Type of macroparticle accelerator which uses a high-gradient magnetic field to accelerate a projectile. The magnetic field motion of the accelerator is synchronized with the projectile.

*BT1 impact fusion drivers

RT impact fusion

magnetic hexadecapole transitions

INIS: 1978-02-23; ETDE: 1978-04-27

USE m4-transitions

magnetic induction logging

INIS: 2000-04-12; ETDE: 1976-06-07

USE induction logging

MAGNETIC INSULATION

Insulation of electric fields by means of magnetic fields; not for insulation of the magnetic fields themselves.

UF insulation (electrical, by magnetic fields)

UF insulation (magnetic)

RT confinement

RT thermionic diodes

MAGNETIC ISLANDS

INIS: 1981-07-06; ETDE: 1978-04-27

BT1 magnetic field configurations

RT magnetic fields

RT plasma

MAGNETIC LENS**SPECTROMETERS**

UF intermediate image spectrometer

UF long-lens spectrometers

UF short-lens spectrometers

UF slatis-siegbahn spectrometers

*BT1 magnetic spectrometers

magnetic levitated trains

INIS: 2000-04-12; ETDE: 1975-11-11

USE levitated trains

magnetic liquids

INIS: 2000-04-12; ETDE: 1985-03-12

(Prior to March 1997 this was a valid ETDE descriptor.)

USE liquids

USE magnetic materials

MAGNETIC MATERIALS

UF ferrofluids

UF liquid magnets

UF magnetic liquids

UF materials (magnetic)

BT1 materials

NT1 antiferromagnetic materials

NT1 ferrimagnetic materials

NT2 ferrites

NT1 ferromagnetic materials

RT magnetism

MAGNETIC MIRROR**CONFIGURATIONS**

*BT1 open configurations

NT1 tlm configurations

RT magnetic fields

RT magnetic mirrors

RT mirror ratio

RT plasma potential

MAGNETIC MIRROR TYPE**REACTORS**

INIS: 1995-01-16; ETDE: 1976-09-15

UF field-reversed mirror reactors

UF frm reactors (thermonuclear)

BT1 thermonuclear reactors

NT1 mars reactor

NT1 minimars reactor

NT1 tmr reactors

RT magnetic mirrors

RT tmx devices

MAGNETIC MIRRORS

1996-07-23

Including systems with minimum-B configuration.

UF bsg devices

UF dcx devices

UF elmax devices

UF ixion

UF mfx device

UF mirrors (magnetic)

UF mtse devices

UF pr-6 device

UF pr-7 device

UF pr devices

UF vgl devices

*BT1 open plasma devices

NT1 2x devices

NT1 alicé

NT1 beta ii devices

NT1 bumpy tori

NT2 elmo bumpy torus

NT1 burnout devices

NT1 circe devices

NT1 deca devices

NT1 elmo devices

NT2 elmo bumpy torus

NT1 gdt device

NT1 gol-3 device

NT1 imp device

NT1 mftf devices

NT1 ogra

NT1 phoenix devices

NT1 pleiade device

NT1 reversed-field mirrors

NT1 tandem mirrors

NT2 gamma 10 devices

NT2 phaedrus mirror devices

NT2 tara devices

NT2 tmx devices

RT magnetic fields

RT magnetic mirror configurations

RT magnetic mirror type reactors

RT mirror ratio

RT plasma potential

RT q devices

RT tlm configurations

RT tmr reactors

MAGNETIC MOMENTS

NT1 magnetic dipole moments

NT1 nuclear magnetic moments

RT fermi-segre formula

RT gyromagnetic ratio

RT magnetism

RT magnetization

RT quadrupole moments

MAGNETIC MONOPOLES

UF dirac monopoles

BT1 monopoles

*BT1 postulated particles

magnetic octupole transitions

INIS: 1978-02-23; ETDE: 1978-04-28

USE m3-transitions

magnetic permeability

USE magnetic susceptibility

MAGNETIC PROBES

BT1 probes

RT magnetometers

MAGNETIC PROPERTIES

BT1 physical properties

NT1 magnetic susceptibility

NT1 magnetostriction

RT abrikosov theory

RT coercive force

RT domain structure

RT electrical properties

RT electromagnets

RT magnetic fields

RT magnetism

RT magnetization

RT magneto-optical effects

RT muon spin relaxation

RT permanent magnets

MAGNETIC-PUMPING HEATING

Plasma heating by a series of periodic compressions and expansions in a limited region of the confinement volume by means of an RF modulation of the confining field.

*BT1 high-frequency heating

NT1 acoustic heating

NT1 collisional heating

NT1 transit-time magnetic pumping

magnetic quadrupole transitions

INIS: 1978-02-23; ETDE: 1978-04-27

USE m2-transitions

MAGNETIC RECONNECTION

INIS: 1987-03-24; ETDE: 1986-07-25

A topological rearrangement of the magnetic field lines surrounding a plasma.

RT magnetic field configurations

RT magnetic field reversal

RT magnetic fields

RT reverse-field pinch

RT sawtooth oscillations

RT solar flares

RT solar radio bursts

RT solar x-ray bursts

MAGNETIC REFRIGERATORS

INIS: 1978-08-30; ETDE: 1978-06-14

BT1 refrigerators

RT cryogenics

RT cryostats

RT refrigeration

MAGNETIC RESONANCE

UF abmr method

BT1 resonance

NT1 eldor

NT1 electron spin resonance

NT2 acoustic esr

NT1 endor

NT1 ferrimagnetic resonance

NT1 ferromagnetic resonance

NT1 nuclear magnetic resonance

NT2 acoustic nmr
NT2 td-nmr
RT bloch equations
RT muon spin relaxation

MAGNETIC REYNOLDS NUMBER

*BT1 reynolds number
RT magnetohydrodynamics

MAGNETIC RIGIDITY

RT magnetic fields
RT stratosphere

MAGNETIC SEMICONDUCTORS

INIS: 1976-01-28; *ETDE*: 1976-03-12

*BT1 semiconductor materials
RT ferromagnetic materials

MAGNETIC SEPARATORS

INIS: 1994-06-27; *ETDE*: 1977-12-22

(Until June 1994 this concept was indexed to MAGNETIC FILTERS.)

BT1 concentrators
RT magnetic filters
RT separation processes

MAGNETIC SHIELDING

1998-10-22

(Until October, 1998, this concept was indexed by SHIELDING and MAGNETIC FIELDS.)

UF screening (magnetic fields)
 BT1 shielding
RT superconductors

MAGNETIC SPECIFIC HEAT

INIS: 2000-04-12; *ETDE*: 1979-07-18

Magnetic contribution to specific heat.

*BT1 specific heat
RT electronic specific heat

MAGNETIC SPECTROMETERS

*BT1 spectrometers
NT1 flat magnetic spectrometers
NT1 magnetic lens spectrometers

MAGNETIC STARS

UF peculiar *a*-stars
 BT1 stars
RT pulsars
RT stellar magnetospheres
RT variable stars

MAGNETIC STORAGE DEVICES

BT1 memory devices
NT1 magnetic cores
NT1 magnetic disks
NT1 magnetic drums
NT1 magnetic tapes
NT2 video tapes

MAGNETIC STORMS

UF geomagnetic storms
RT disturbances
RT earth magnetosphere
RT forbush decrease
RT ionospheric storms
RT magnetic bays
RT sudden commencements

MAGNETIC SURFACES

INIS: 1981-05-11; *ETDE*: 1978-04-27

UF flux surfaces
 BT1 magnetic field configurations
NT1 mode rational surfaces
RT divertors
RT equilibrium plasma
RT magnetic flux coordinates
RT plasma confinement
RT plasma radial profiles
RT rotational transform
RT stellarators
RT tokamak devices

MAGNETIC SURVEYS

1979-01-18

*BT1 geophysical surveys
RT aerial monitoring
RT aerial prospecting
RT aerial surveying
RT exploration
RT geothermal exploration
RT induction logging
RT seismic surveys

MAGNETIC SUSCEPTIBILITY

UF magnetic permeability
UF permeability (magnetic)
UF photomagnetic effect
UF susceptibility (magnetic)
 *BT1 magnetic properties
RT curie point
RT curie-weiss law
RT magnetic balances
RT neel temperature

MAGNETIC TAPES

*BT1 magnetic storage devices
NT1 video tapes

MAGNETIC TESTING

*BT1 nondestructive testing

magnetic traps (closed)

USE closed configurations

magnetic traps (open)

USE open configurations

MAGNETIC TUNNEL JUNCTIONS

2016-04-19

BT1 tunnel junctions

magnetic vortices

USE magnetic flux

magnetic well

USE minimum-b configurations

MAGNETISM

NT1 antiferromagnetism
NT2 mictomagnetism
NT1 diamagnetism
NT2 plasma diamagnetism
NT1 electromagnetism
NT1 ferrimagnetism
NT1 ferromagnetism
NT2 mictomagnetism
NT1 nuclear magnetism
NT1 paleomagnetism
NT1 paramagnetism
NT1 superparamagnetism
NT1 thermomagnetism
RT adiabatic demagnetization
RT demagnetization
RT magnetic fields
RT magnetic materials
RT magnetic moments
RT magnetic properties
RT magnetization
RT magnets
RT spin glass state

MAGNETITE

*BT1 iron ores
 *BT1 oxide minerals
RT black sands
RT ferrite
RT iron oxides
RT spinels

MAGNETIZATION

1976-02-11

Magnetic moment of unit volume of a material.

RT demagnetization

RT magnetic fields
RT magnetic moments
RT magnetic properties
RT magnetism

MAGNETO-OPTICAL EFFECTS

NT1 voigt effect
RT electro-optical effects
RT faraday effect
RT kerr effect
RT magnetic properties
RT optical properties
RT stark effect
RT zeeman effect

MAGNETO-THERMAL EFFECTS

INIS: 1975-10-23; *ETDE*: 1975-12-16

RT magnetic fields

MAGNETOACOUSTIC WAVES

UF magnetosonic waves
 BT1 hydromagnetic waves
NT1 fast magnetoacoustic waves
RT magnetoacoustics

MAGNETOACOUSTICS

1999-01-20

BT1 acoustics
RT hydromagnetic waves
RT magnetoacoustic waves
RT sound waves

magnetodynamics

2018-03-01

USE dynamic magnetic fields

magnetolectricity

INIS: 1984-04-04; *ETDE*: 2002-03-28

Appearance of an electric field in certain substances when they are subjected to a static magnetic field.

USE electrical properties
 USE magnetic fields

MAGNETOGASDYNAMICS

*BT1 fluid mechanics
RT gas flow
RT magnetohydrodynamics

magnetohydrodynamic channels

USE mhd channels

magnetohydrodynamic generators

USE mhd generators

magnetohydrodynamic waves

USE hydromagnetic waves

MAGNETOHYDRODYNAMICS

*BT1 hydrodynamics
RT direct energy conversion
RT fluid flow
RT hartmann number
RT magnetic reynolds number
RT magnetogasdynamics
RT mercier criterion
RT mhd equilibrium
RT mhd generators
RT mhd power plants
RT plasma
RT plasma fluid equations

MAGNETOINDUCTION SENSORS

*BT1 beam monitors
RT beam monitoring

MAGNETOMETERS

BT1 measuring instruments
NT1 fluxgate magnetometers
NT1 moving coil magnetometers
NT1 proton precession magnetometers
NT1 vibrating sample magnetometers
RT fluxmeters

RT magnetic probes

MAGNETOPAUSE

RT earth magnetosphere

RT international magnetospheric study

RT magnetosheath

MAGNETOPLASMA COMPRESSORS

BT1 compressors

MAGNETORESISTANCE

*BT1 electric conductivity

RT shubnikov-de haas effect

MAGNETOSHEATH

RT earth magnetosphere

RT geomagnetic field

RT international magnetospheric study

RT magnetopause

RT solar wind

magnetosonic waves

USE magnetoacoustic waves

magnetosphere (earth)

1985-07-18

USE earth magnetosphere

magnetospheres (planetary)

INIS: 1985-07-18; ETDE: 2002-03-28

USE planetary magnetospheres

magnetospheres (stellar)

INIS: 1985-07-18; ETDE: 2002-03-28

USE stellar magnetospheres

magnetostatics

2018-03-01

USE static magnetic fields

MAGNETOSTRICTION

UF electromagnetostriction

*BT1 magnetic properties

RT deformation

MAGNETOTAL

1999-04-28

*BT1 earth magnetosphere

RT geomagnetic field

RT international magnetospheric study

RT plasma sheet

RT plasmapause

RT plasmasphere

MAGNETOTELLURIC SURVEYS

INIS: 1979-02-21; ETDE: 1976-04-19

The measurement of natural electrical and magnetic fields of the earth.

*BT1 electromagnetic surveys

MAGNETRON ION SOURCES

2018-02-26

*BT1 plasma ion sources

MAGNETRONS

*BT1 microwave tubes

RT klystrons

RT rf systems

MAGNETS

1995-02-27

BT1 equipment

NT1 beam bending magnets

NT1 beam focusing magnets

NT1 electromagnets

NT2 superconducting magnets

NT1 kicker magnets

NT1 permanent magnets

NT1 septum magnets

NT1 wiggler magnets

RT demagnetization

RT electromagnetic lenses

RT magnet coils

RT magnet cores

RT magnet pole pieces

RT magnetic energy storage equipment

RT magnetism

magnex process

INIS: 2000-04-12; ETDE: 1980-09-04

USE desulfurization

MAGNOLIOPHYTA

INIS: 1991-12-16; ETDE: 1988-12-20

UF angiosperms

BT1 plants

NT1 liliopsida

NT2 allium sativum

NT2 aloe

NT2 banana plants

NT2 buckwheat

NT2 cattails

NT2 coconut palms

NT2 gramineae

NT3 bamboo

NT3 cereals

NT4 barley

NT4 maize

NT4 millet

NT4 oats

NT4 rice

NT4 rye

NT4 sorghum

NT4 wheat

NT3 reeds

NT4 sugar cane

NT3 switchgrass

NT2 lilium

NT2 oil palms

NT2 onions

NT3 allium cepa

NT2 tradescantia

NT2 water hyacinths

NT1 magnoliopsida

NT2 arabidopsis

NT2 beech trees

NT2 beets

NT3 sugar beets

NT2 birches

NT2 brassica

NT3 kale

NT2 buffalo gourd

NT2 cacao trees

NT2 cacti

NT2 capsicum

NT2 carnations

NT2 carrots

NT2 cassava

NT2 chenopodiaceae

NT2 chestnut trees

NT2 citrus

NT2 coffee plants

NT2 corchorus

NT3 jute

NT2 cotton plants

NT2 crepis

NT2 cucumbers

NT2 digitalis

NT2 eucalyptuses

NT2 euphorbia

NT3 castor

NT3 milkweed

NT3 rubber trees

NT4 guayule

NT4 hevea

NT2 flax plants

NT2 jatropa

NT2 jojoba

NT2 leguminosae

NT3 alfalfa

NT3 clover

NT3 glycine hispida

NT3 lens culinaris

NT3 locust trees

NT3 mesquite

NT3 phaseolus

NT3 pisum

NT3 vicia

NT3 vigna

NT2 lettuce

NT2 mangroves

NT2 maples

NT2 marihuana

NT2 meadow foam

NT2 nicotiana

NT2 oaks

NT2 olive trees

NT2 papaver somniferum

NT2 pecan trees

NT2 poplars

NT3 aspens

NT3 cottonwoods

NT2 radishes

NT2 ranunculaceae

NT2 rosaceae

NT3 strawberries

NT2 sesamum indicum

NT2 solanum

NT3 solanum tuberosum

NT2 spinach

NT2 sunflowers

NT2 sweet gums

NT2 sycamores

NT2 tea plants

NT2 willows

NT2 yams

MAGNOLIOPSIDA

INIS: 1996-11-13; ETDE: 1988-12-20

(TUMBLEWEEDS and the UF terms below have been valid ETDE descriptors.)

UF atropa belladonna

UF coleus

UF dicotyledons

UF rabbit brush

UF russian thistle

UF salsola kali

UF tumbleweeds

*BT1 magnoliophyta

NT1 arabidopsis

NT1 beech trees

NT1 beets

NT2 sugar beets

NT1 birches

NT1 brassica

NT2 kale

NT1 buffalo gourd

NT1 cacao trees

NT1 cacti

NT1 capsicum

NT1 carnations

NT1 carrots

NT1 cassava

NT1 chenopodiaceae

NT1 chestnut trees

NT1 citrus

NT1 coffee plants

NT1 corchorus

NT2 jute

NT1 cotton plants

NT1 crepis

NT1 cucumbers

NT1 digitalis

NT1 eucalyptuses

NT1 euphorbia

NT2 castor

NT2 milkweed

NT2 rubber trees

NT3 guayule

NT3 hevea

NT1 flax plants

NT1 jatropa

NT1 jojoba
NT1 leguminosae
NT2 alfalfa
NT2 clover
NT2 glycine hispida
NT2 lens culinaris
NT2 locust trees
NT2 mesquite
NT2 phaseolus
NT2 pisum
NT2 vicia
NT2 vigna
NT1 lettuce
NT1 mangroves
NT1 maples
NT1 marihuana
NT1 meadow foam
NT1 nicotiana
NT1 oaks
NT1 olive trees
NT1 papaver somniferum
NT1 pecan trees
NT1 poplars
NT2 aspens
NT2 cottonwoods
NT1 radishes
NT1 ranunculaceae
NT1 rosaceae
NT2 strawberries
NT1 sesamum indicum
NT1 solanum
NT2 solanum tuberosum
NT1 spinach
NT1 sunflowers
NT1 sweet gums
NT1 sycamores
NT1 tea plants
NT1 willows
NT1 yams

MAGNONS

BT1 quasi particles
RT spin waves

MAGNOX

***BT1** magnesium base alloys
RT magnox type reactors

MAGNOX TYPE REACTORS

***BT1** gcr type reactors
***BT1** natural uranium reactors
***BT1** power reactors
NT1 berkeley reactor
NT1 bradwell reactor
NT1 calder hall a-1 reactor
NT1 calder hall a-2 reactor
NT1 calder hall b-3 reactor
NT1 calder hall b-4 reactor
NT1 chapelcross-1 reactor
NT1 chapelcross-2 reactor
NT1 chapelcross-3 reactor
NT1 chapelcross-4 reactor
NT1 dungeness-a reactor
NT1 hinkley point-a reactor
NT1 hunterston-a reactor
NT1 latina reactor
NT1 oldbury-a reactor
NT1 sizewell-a reactor
NT1 tokai-mura reactor
NT1 trawsfynydd reactor
NT1 wylfa reactor
RT carbon dioxide cooled reactors
RT magnox

mahogany trees

USE trees

MAHOGANY ZONE

2000-04-12

***BT1** colorado
***BT1** green river formation

RT oil shales

MAIN SEQUENCE STARS

BT1 stars
NT1 carbon stars
NT1 sun
NT1 wolf-rayet stars
RT cno cycle
RT hydrogen burning

MAINE

***BT1** usa
RT kennebec river
RT us east coast

MAINE YANKEE REACTOR

Maine Yankee Atomic Power Co., Wiscasset, Maine, USA. Shut down in 1996.

UF atomic power company main yankee
UF yankee maine reactor
***BT1** pwr type reactors

MAINTENANCE

NT1 reactor maintenance
RT maintenance facilities
RT modifications
RT operation
RT outages
RT repair

MAINTENANCE FACILITIES

INIS: 1999-08-04; ETDE: 1981-01-09

UF facilities (maintenance)
UF puget sound naval shipyard
RT energy facilities
RT maintenance
RT nuclear facilities
RT storage facilities
RT terminal facilities

mainz triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-03-28

USE triga-2-mainz reactor

MAITLANDITE

2000-04-12

***BT1** silicate minerals
***BT1** thorium minerals
RT thorium silicates

MAIZE

UF corn (maize)
UF corn stover
UF zea mays
***BT1** cereals
RT cellulosic ethanol
RT zein

maize oil

USE corn oil

MAJORANA EQUATION

2016-05-10

SF majorana theory
***BT1** wave equations
RT dirac equation
RT majorana fermions
RT majorana spinors

MAJORANA FERMIONS

2016-05-10

SF majorana theory
BT1 fermions
RT antiparticles
RT majorana equation
RT majorana spinors

MAJORANA SPINORS

2016-05-10

SF majorana theory
BT1 spinors
RT majorana equation
RT majorana fermions

RT neutrinoless double beta decay
RT neutrinos
RT superconductivity

majorana theory

2016-05-10

(prior to may 2016 this was a valid descriptor.)

SEE majorana equation
SEE majorana fermions
SEE majorana spinors

MAJORANA-WEYL SPINORS

2016-05-10

BT1 spinors

MAJORONS

2013-11-07

***BT1** goldstone bosons

maki parameter

USE ginzburg-landau theory

MALAGASY REPUBLIC

INIS: 1992-06-04; ETDE: 1979-12-10

***BT1** madagascar

MALARIA

***BT1** parasitic diseases
RT hemic diseases
RT mosquitoes
RT plasmodium

MALATHION

***BT1** carboxylic acid esters
***BT1** insecticides
***BT1** organic oxygen compounds
***BT1** organic phosphorus compounds
***BT1** thiols

MALAWI

BT1 africa
BT1 developing countries

malaya

USE malaysia

MALAYSIA

UF federation of malaya
UF malaya
BT1 asia
BT1 developing countries

malaysian institute for nuclear energy research

INIS: 2001-10-30; ETDE: 2002-03-28

USE mint

MALAYSIAN ORGANIZATIONS

1984-12-04

BT1 national organizations
NT1 mint
NT1 puspati

MALDIVES

2008-05-23

BT1 asia
BT1 developing countries
BT1 islands
RT indian ocean

MALE GENITALS

UF genitals (male)
UF seminal vesicles
***BT1** organs
NT1 prostate
NT1 testes
RT fertility
RT gonads
RT reproduction
RT sex
RT urogenital system diseases

MALEIC ACID

- UF maleinic acid
 *BT1 dicarboxylic acids

maleinic acid

- USE maleic acid

MALES

- NT1 men
 RT animals
 RT sex
 RT sex dependence

MALFORMATIONS

- UF abnormalities (developmental)
 UF hydrocephalus
 UF microcephaly
 BT1 pathological changes
 NT1 congenital malformations
 NT2 downs syndrome

MALI

INIS: 1976-07-06; ETDE: 1976-08-24

- BT1 africa
 BT1 developing countries
 RT niger river

MALIBU-1 REACTOR

2000-04-12

Los Angeles Dept. of Water and Power, USA.
 Canceled in 1972 before construction began.

- UF corral canyon nuclear power reactor-1
 *BT1 pwr type reactors

MALIC ACID

- UF hydroxysuccinic acid
 *BT1 hydroxy acids

malignancies

INIS: 2000-04-12; ETDE: 1981-01-30

- USE neoplasms

malnutrition

- USE nutritional deficiency

MALONIC ACID

- *BT1 dicarboxylic acids

MALTA

INIS: 1995-04-03; ETDE: 1979-12-10

- BT1 islands
 *BT1 western europe
 RT mediterranean sea

MALTOSE

- *BT1 disaccharides

MAMMALS

1996-11-13

(Prior to July 1996 PIKAS was a valid ETDE descriptor.)

- UF cony
 UF manatees
 UF pikas
 *BT1 vertebrates
 NT1 bats
 NT1 bears
 NT1 burros
 NT1 cats
 NT1 cetaceans
 NT1 coyotes
 NT1 dogs
 NT2 beagles
 NT1 foxes
 NT1 horses
 NT1 marsupials
 NT1 otters
 NT1 pinnipeds
 NT1 primates
 NT2 apes
 NT2 man

- NT3 children
 NT4 infants
 NT3 elderly people
 NT3 men
 NT3 women
 NT2 monkeys
 NT3 baboons
 NT3 macacus

- NT1 rabbits
 NT1 rodents
 NT2 gerbils
 NT2 guinea pigs
 NT2 hamsters
 NT2 mice
 NT3 transgenic mice
 NT2 prairie dogs
 NT2 rats
 NT2 squirrels
 NT2 voles
 NT1 ruminants
 NT2 buffalo
 NT2 camels
 NT2 cattle
 NT3 calves
 NT3 cows
 NT2 deer
 NT2 goats
 NT2 llamas
 NT2 sheep
 NT1 shrews
 NT1 swine
 NT2 miniature swine
 NT1 wolves

MAMMARY GLANDS

- UF breasts
 *BT1 glands
 RT chest
 RT lactation
 RT lth
 RT milk

MAN

1997-06-17

All of mankind, of any age or of either sex.

- *BT1 primates
 NT1 children
 NT2 infants
 NT1 elderly people
 NT1 men
 NT1 women
 RT adolescents
 RT adults
 RT age groups
 RT aged adults
 RT anthropology
 RT human populations
 RT patients
 RT personnel
 RT reference man
 RT sociology

MAN-MACHINE SYSTEMS

INIS: 1983-02-04; ETDE: 1982-06-07

People, machines and the processes by which they interact.

- RT automation
 RT communications
 RT control rooms
 RT control systems
 RT cybernetics
 RT display devices
 RT graphical user interface
 RT human factors
 RT human factors engineering
 RT mto model
 RT personnel
 RT remote handling
 RT systems analysis

man-technology-organization model

2013-04-29

- USE mto model

MANAGEMENT

(From September 1982 till March 1997 OPERATIONS RESEARCH was a valid ETDE descriptor. From June 1981 till January 1995 SENIOR EXECUTIVE SERVICE was a valid ETDE descriptor.)

- UF administration
 SF operations research
 SF senior executive service
 NT1 accident management
 NT1 data base management
 NT1 energy management
 NT1 knowledge management
 NT2 knowledge preservation
 NT1 load management
 NT1 nuclear materials management
 NT2 fuel management
 NT1 personnel management
 NT1 program management
 NT2 contract management
 NT1 property management
 NT1 quality management
 NT2 quality assurance
 NT1 records management
 NT1 resource management
 NT1 waste management
 NT2 nonradioactive waste management
 NT3 nonradioactive waste disposal
 NT2 radioactive waste management
 NT3 radioactive waste disposal
 NT3 radioactive waste processing
 NT4 harvest process
 NT3 radioactive waste storage
 NT4 monitored retrievable storage
 NT2 waste disposal
 NT3 ground disposal
 NT3 ground release
 NT3 marine disposal
 NT3 nonradioactive waste disposal
 NT3 radioactive waste disposal
 NT3 sanitary landfills
 NT3 stack disposal
 NT3 underground disposal
 NT2 waste processing
 NT3 activated sludge process
 NT3 composting
 NT3 fluidized bed refuse gasification
 NT3 landgard pyrolysis system
 NT3 lime-soda sinter process
 NT3 materials recovery
 NT3 molten salt waste gasification process
 NT3 occidental flash pyrolysis process
 NT3 purox pyrolysis process
 NT3 radioactive waste processing
 NT4 harvest process
 NT3 slagging pyrolysis process
 NT3 steam stripping
 NT3 syngas process
 NT3 unisulf process
 NT3 wet oxidation processes
 NT2 waste retrieval
 NT2 waste storage
 NT3 radioactive waste storage
 NT4 monitored retrievable storage
 NT2 waste transportation
 RT accounting
 RT allocations
 RT audits
 RT delphi method
 RT forecasting
 RT labor relations
 RT organizational models
 RT personnel
 RT public relations

RT rangelands
RT regional cooperation
RT schedules
RT time delay

manatees

INIS: 1997-01-28; ETDE: 1979-03-29
(Until October 1996 this was a valid descriptor.)

USE aquatic organisms
USE mammals

manaurite 36x

INIS: 1997-01-28; ETDE: 1979-08-09
(Until October 1996 this was a valid descriptor.)
USE iron base alloys

manaurite 900

INIS: 1997-01-28; ETDE: 1979-08-09
(Until October 1996 this was a valid descriptor.)
USE chromium alloys
USE iron base alloys
USE nickel alloys

MANCHE PLANT

INIS: 1993-04-19; ETDE: 1993-07-06
**BT1* radioactive waste facilities

manchester liverpool university research reactor

1993-11-09
USE urr reactor

MANDELIC ACID

UF amygdalic acid
**BT1* hydroxy acids

MANDELSTAM REPRESENTATION

1996-07-18
(Prior to March 1997 KHURI REPRESENTATION was a valid ETDE descriptor.)
SF khuri representation
RT dispersion relations
RT s channel
RT t channel
RT u channel

mandible

INIS: 1984-04-04; ETDE: 2002-03-28
USE jaw

MANDREL OPERATION

INIS: 2000-04-12; ETDE: 1979-11-23
**BT1* nuclear explosions
**BT1* underground explosions
RT contained explosions

MANGANATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

**BT1* manganese compounds
BT1 oxygen compounds
RT manganese oxides

MANGANESE

1996-06-28
(Prior to July 1996 MANGANESE-BETA and MANGANESE-GAMMA were valid ETDE descriptors.)
UF manganese-beta
**BT1* transition elements
NT1 manganese-alpha

MANGANESE 44

**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* odd-odd nuclei

MANGANESE 45

2007-02-15
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* nanoseconds living radioisotopes
**BT1* odd-even nuclei
**BT1* proton decay radioisotopes

MANGANESE 46

**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* odd-odd nuclei

MANGANESE 47

**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* odd-even nuclei

MANGANESE 48

**BT1* beta-plus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* milliseconds living radioisotopes
**BT1* odd-odd nuclei

MANGANESE 49

**BT1* beta-plus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* milliseconds living radioisotopes
**BT1* odd-even nuclei

MANGANESE 50

**BT1* beta-plus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* milliseconds living radioisotopes
**BT1* minutes living radioisotopes
**BT1* odd-odd nuclei

MANGANESE 51

**BT1* beta-plus decay radioisotopes
**BT1* electron capture radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* minutes living radioisotopes
**BT1* odd-even nuclei

MANGANESE 51 TARGET

ETDE: 1976-07-09
BT1 targets

MANGANESE 52

**BT1* beta-plus decay radioisotopes
**BT1* days living radioisotopes
**BT1* electron capture radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* minutes living radioisotopes
**BT1* odd-odd nuclei

MANGANESE 52 TARGET

INIS: 1992-09-23; ETDE: 1979-06-06
BT1 targets

MANGANESE 53

**BT1* electron capture radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* odd-even nuclei
**BT1* years living radioisotopes

MANGANESE 53 TARGET

ETDE: 1976-07-09
BT1 targets

MANGANESE 54

**BT1* days living radioisotopes
**BT1* electron capture radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* odd-odd nuclei

MANGANESE 54 TARGET

INIS: 1979-09-18; ETDE: 1977-04-12
BT1 targets

MANGANESE 55

**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* odd-even nuclei
**BT1* stable isotopes

MANGANESE 55 REACTIONS

1984-11-30
**BT1* heavy ion reactions

MANGANESE 55 TARGET

ETDE: 1976-07-09
BT1 targets

MANGANESE 56

**BT1* beta-minus decay radioisotopes
**BT1* hours living radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* odd-odd nuclei

MANGANESE 57

**BT1* beta-minus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* minutes living radioisotopes
**BT1* odd-even nuclei

MANGANESE 58

**BT1* beta-minus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* minutes living radioisotopes
**BT1* odd-odd nuclei
**BT1* seconds living radioisotopes

MANGANESE 59

INIS: 1976-11-08; ETDE: 1976-09-15
**BT1* beta-minus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* odd-even nuclei
**BT1* seconds living radioisotopes

MANGANESE 60

INIS: 1978-07-03; ETDE: 1978-04-06
**BT1* beta-minus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* isomeric transition isotopes
**BT1* manganese isotopes
**BT1* odd-odd nuclei
**BT1* seconds living radioisotopes

MANGANESE 61

1980-11-07
**BT1* beta-minus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* milliseconds living radioisotopes
**BT1* odd-even nuclei

MANGANESE 62

1982-06-09
**BT1* beta-minus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* milliseconds living radioisotopes
**BT1* odd-odd nuclei

MANGANESE 63

INIS: 1986-01-21; ETDE: 1986-02-21
**BT1* beta-minus decay radioisotopes
**BT1* intermediate mass nuclei
**BT1* manganese isotopes
**BT1* milliseconds living radioisotopes
**BT1* odd-even nuclei

MANGANESE 64*INIS: 1986-08-19; ETDE: 1986-09-05*

- *BT1 intermediate mass nuclei
- *BT1 manganese isotopes
- *BT1 odd-odd nuclei

MANGANESE 65*INIS: 1986-08-19; ETDE: 1986-09-05*

- *BT1 intermediate mass nuclei
- *BT1 manganese isotopes
- *BT1 odd-even nuclei

MANGANESE 66*2007-02-15*

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 manganese isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

MANGANESE 67*2007-02-15*

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 manganese isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

MANGANESE 68*2007-02-15*

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 manganese isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

MANGANESE 69*2007-02-15*

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 manganese isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei

MANGANESE 70*2009-06-02*

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 manganese isotopes
- *BT1 odd-odd nuclei

MANGANESE ADDITIONS*1996-11-13**Alloys containing not more than 1% Mn are listed here.*

- *BT1 manganese alloys
- NT1 alloy-al95cu4
 - NT2 duralumin
- NT1 alloy-fe40ni35cr22
- NT1 alloy-fe53ni29co18
 - NT2 kovar
- NT1 alloy-hs-31
- NT1 alloy-n28t3
- NT1 alloy-ni66cu32
 - NT2 monel 400
- NT1 alloy-ni78cr21
- NT1 alloy-v-36
- NT1 ascology
- NT1 bondur
- NT1 discaloy
- NT1 duranickel
- NT1 duriron
- NT1 magnesium alloy-az31b
- NT1 miduale
- NT1 ni-hard
- NT1 steel-cr16ni9mo2

MANGANESE ALLOYS*1996-11-13**Alloys containing more than 1% Mn.**UF steel-40k14g18f*

- UF steel-40k13n8g8
- UF steel-cr13mn8ni8
- *BT1 transition element alloys
- NT1 alloy-co43cr20fe18ni13w3
 - NT2 havar
- NT1 alloy-mo-re-1
- NT1 alloy-ni73cr20mn3nb3
 - NT2 inconel 82
- NT1 alloy-ni94mn3al2
 - NT2 aludel
- NT1 alloy-s-816
- NT1 heusler alloys
- NT1 manganese additions
 - NT2 alloy-al95cu4
 - NT3 duralumin
 - NT2 alloy-fe40ni35cr22
 - NT2 alloy-fe53ni29co18
 - NT3 kovar
 - NT2 alloy-hs-31
 - NT2 alloy-n28t3
 - NT2 alloy-ni66cu32
 - NT3 monel 400
 - NT2 alloy-ni78cr21
 - NT2 alloy-v-36
 - NT2 ascology
 - NT2 bondur
 - NT2 discaloy
 - NT2 duranickel
 - NT2 duriron
 - NT2 magnesium alloy-az31b
 - NT2 miduale
 - NT2 ni-hard
 - NT2 steel-cr16ni9mo2
- NT1 manganese base alloys
- NT1 manganese steels
- NT1 manganin
- NT1 stainless steel-zcnd17-13
- NT1 steel-cr21mn9ni6
 - NT2 stainless steel-21-6-9
- NT1 steel-mnccumo
 - NT2 steel-astm-a537
- NT1 steel-mnmno
 - NT2 steel-astm-a302
- NT1 steel-mnnimo
 - NT2 steel-astm-a533-b
- NT1 steel-mnnimov

MANGANESE-ALPHA

- *BT1 manganese

MANGANESE ARSENIDES*INIS: 1976-11-08; ETDE: 1976-12-16*

- *BT1 arsenides
- *BT1 manganese compounds

MANGANESE BASE ALLOYS

- *BT1 manganese alloys

manganese-beta*1996-06-28**(Until June 1996 this was a valid descriptor.)**USE manganese***MANGANESE BORIDES**

- *BT1 borides
- *BT1 manganese compounds

MANGANESE BROMIDES

- *BT1 bromides
- *BT1 manganese halides

MANGANESE CARBIDES

- *BT1 carbides
- *BT1 manganese compounds

MANGANESE CARBONATES

- *BT1 carbonates
- *BT1 manganese compounds
- RT ankerite
- RT carbonate minerals

MANGANESE CHLORIDES

- *BT1 chlorides
- *BT1 manganese halides

MANGANESE COMPLEXES

- *BT1 transition element complexes

MANGANESE COMPOUNDS*1996-07-18*

- BT1 transition element compounds
- NT1 manganates
- NT1 manganese arsenides
- NT1 manganese borides
- NT1 manganese carbides
- NT1 manganese carbonates
- NT1 manganese halides
 - NT2 manganese bromides
 - NT2 manganese chlorides
 - NT2 manganese fluorides
 - NT2 manganese iodides
- NT1 manganese hydrides
- NT1 manganese hydroxides
- NT1 manganese nitrates
- NT1 manganese nitrides
- NT1 manganese oxides
- NT1 manganese perchlorates
- NT1 manganese phosphates
- NT1 manganese phosphides
- NT1 manganese selenides
- NT1 manganese silicates
- NT1 manganese silicides
- NT1 manganese sulfates
- NT1 manganese sulfides
- NT1 manganese tellurides
- NT1 manganese tungstates
- NT1 permanganates

MANGANESE FLUORIDES

- *BT1 fluorides
- *BT1 manganese halides

MANGANESE HALIDES*INIS: 1991-09-16; ETDE: 1975-07-29*

- *BT1 halides
- *BT1 manganese compounds
- NT1 manganese bromides
- NT1 manganese chlorides
- NT1 manganese fluorides
- NT1 manganese iodides

MANGANESE HYDRIDES*INIS: 1977-10-17; ETDE: 1976-04-19*

- *BT1 hydrides
- *BT1 manganese compounds

MANGANESE HYDROXIDES

- *BT1 hydroxides
- *BT1 manganese compounds

MANGANESE IODIDES

- *BT1 iodides
- *BT1 manganese halides

MANGANESE IONS

- *BT1 ions

MANGANESE ISOTOPES*1999-07-16*

- BT1 isotopes
- NT1 manganese 44
- NT1 manganese 45
- NT1 manganese 46
- NT1 manganese 47
- NT1 manganese 48
- NT1 manganese 49
- NT1 manganese 50
- NT1 manganese 51
- NT1 manganese 52
- NT1 manganese 53
- NT1 manganese 54
- NT1 manganese 55
- NT1 manganese 56

NT1 manganese 57
 NT1 manganese 58
 NT1 manganese 59
 NT1 manganese 60
 NT1 manganese 61
 NT1 manganese 62
 NT1 manganese 63
 NT1 manganese 64
 NT1 manganese 65
 NT1 manganese 66
 NT1 manganese 67
 NT1 manganese 68
 NT1 manganese 69
 NT1 manganese 70

MANGANESE NITRATES

*BT1 manganese compounds
 *BT1 nitrates

MANGANESE NITRIDES

*BT1 manganese compounds
 *BT1 nitrides

manganese nodules

USE manganese ores

MANGANESE ORES

UF manganese nodules
 BT1 ores

MANGANESE OXIDES

*BT1 manganese compounds
 *BT1 oxides
 RT manganates
 RT oxide minerals
 RT permanganates
 RT tantalite

MANGANESE PERCHLORATES

1996-07-18

(From July 1996 to November 2007

MANGANESE COMPOUNDS +
 PERCHLORATES was used for this concept.)

*BT1 manganese compounds
 *BT1 perchlorates

MANGANESE PHOSPHATES

*BT1 manganese compounds
 *BT1 phosphates

MANGANESE PHOSPHIDES

INIS: 1980-11-07; ETDE: 1976-03-11

*BT1 manganese compounds
 *BT1 phosphides

MANGANESE SELENIDES

INIS: 1979-04-27; ETDE: 1978-11-14

*BT1 manganese compounds
 *BT1 selenides

MANGANESE SILICATES

*BT1 manganese compounds
 *BT1 silicates
 RT helvite
 RT silicate minerals

MANGANESE SILICIDES

INIS: 1977-01-26; ETDE: 1976-07-07

*BT1 manganese compounds
 *BT1 silicides

MANGANESE STEELS

INIS: 1996-11-13; ETDE: 1982-11-08

(STEEL-20M5 and STEEL VNT have been
 valid ETDE descriptors.)

UF steel-20m5

UF steel vnt

UF vnt alloys

*BT1 manganese alloys
 *BT1 steels

MANGANESE SULFATES

*BT1 manganese compounds

*BT1 sulfates

MANGANESE SULFIDES

*BT1 manganese compounds
 *BT1 sulfides

MANGANESE TELLURIDES

1978-11-24

*BT1 manganese compounds
 *BT1 tellurides

MANGANESE TUNGSTATES

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 manganese compounds
 *BT1 tungstates

MANGANIN

2000-04-12

*BT1 copper base alloys
 *BT1 manganese alloys
 *BT1 nickel alloys

MANGOES

*BT1 fruits

MANGROVES

INIS: 1992-01-09; ETDE: 1975-11-28

*BT1 magnoliopsida
 *BT1 trees

MANHATTAN PROJECT

RT nuclear weapons

maniac computers

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE computers

manioc

INIS: 2000-04-12; ETDE: 1978-11-14

USE cassava

MANIPULATORS

*BT1 laboratory equipment
 *BT1 remote handling equipment
 RT distance
 RT hands
 RT hot cells
 RT hot labs
 RT remote handling
 RT shielding
 RT underwater facilities
 RT underwater operations

MANITOBA

*BT1 canada
 RT williston basin

MANIVIER CANAL

2004-12-15

UF canal manivier
 *BT1 inland waterways
 RT bohunice radioactive waste
 processing center
 RT slovakia

mannomustine

USE alkylating agents

MANNOSE

*BT1 aldehydes
 *BT1 hexoses

manometers

USE pressure gages

MANPOWER

INIS: 1996-05-15; ETDE: 1976-01-23

(Until May 1996 this concept was indexed by
 PERSONNEL.)

SF labor
 RT employment
 RT occupations
 RT personnel

RT training

MANUALS

Should be used to index all pieces of literature
 which are manuals.

UF handbooks
 BT1 document types
 RT computer program documentation
 RT education
 RT information
 RT recommendations

manufactured buildings

INIS: 2000-04-12; ETDE: 1982-01-07
 USE prefabricated buildings

MANUFACTURERS

INIS: 1992-03-30; ETDE: 1978-11-14
 RT commercialization
 RT industry

MANUFACTURING

INIS: 1992-04-14; ETDE: 1976-10-13
 Large-scale commercial fabrication; for
 fabrication of single systems or components
 use FABRICATION.

NT1 computer-aided manufacturing
 RT fabrication
 RT industry
 RT machinery
 RT production

manufacturing facilities

INIS: 2000-04-12; ETDE: 1981-01-09
 USE industrial plants

MANURES

1991-12-11

*BT1 agricultural wastes
 *BT1 biological wastes

MANY-BODY PROBLEM

1996-04-16

NT1 four-body problem
 NT1 three-body problem
 NT1 two-body problem
 RT bethe-goldstone equation
 RT density functional method
 RT fsc approximation
 RT goldstone diagrams
 RT martin-schwinger theory
 RT mean-field theory
 RT molecular dynamics method
 RT multiple scattering
 RT percus-yevick equation
 RT quantum monte carlo method
 RT quasi particles
 RT unitary pole approximation
 RT van hove-hughenoltz theory
 RT wick theorem

**MANY-DIMENSIONAL
CALCULATIONS**

More than four dimensions.
 UF calculations (many dimensions)
 UF five-dimensional calculations
 RT four-dimensional calculations
 RT mathematics
 RT three-dimensional calculations
 RT two-dimensional calculations

**MANY-NUCLEON TRANSFER
REACTIONS**

More than four nucleons transferred.
 *BT1 multi-nucleon transfer reactions

MAPLE REACTOR

2000-04-12

Multipurpose Applied Physics Lattice
 Experimental Reactor. Permanent shutdown
 since 2008.

*BT1 enriched uranium reactors

- *BT1 heavy water moderated reactors
- *BT1 research and test reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

MAPLE TYPE REACTORS

INIS: 1991-12-11; ETDE: 1992-06-22

Multipurpose Applied Physics Lattice Experimental Reactor.

(Prior to January 1992, this information was indexed by MAPLE REACTOR.)

- UF multipurpose applied physics lattice reactor
- *BT1 enriched uranium reactors
- *BT1 heavy water moderated reactors
- *BT1 research and test reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

MAPLES

INIS: 1992-01-09; ETDE: 1979-03-27

- *BT1 magnoliopsida
- *BT1 trees

MAPPING

INIS: 1992-03-09; ETDE: 1978-10-23

- NT1 genetic mapping
- NT1 topological mapping
- NT2 conformational mapping
- RT geometry
- RT maps

mapping (topological)

- USE topological mapping

MAPPING FIBRATION

- UF fibration (topological maps)
- RT differential topology
- RT topological mapping

MAPS

- RT diagrams
- RT mapping
- RT topography

maps-1 reactor

2018-01-26

- USE kalpakkam-1 reactor

maps-2 reactor

2018-01-26

- USE kalpakkam-2 reactor

mar-250 alloy

INIS: 1979-05-28; ETDE: 1979-03-05

- USE maraging steels

MAR-M509 ALLOYS

INIS: 2000-04-12; ETDE: 1979-01-30

- UF xc-224
- UF xc-224fe
- *BT1 cobalt base alloys

MARAGING STEELS

INIS: 1979-05-28; ETDE: 1979-03-05

Strong tough low-carbon martensitic steels which contain up to 25% nickel and in which hardening precipitates are formed by aging.

- UF mar-250 alloy
- *BT1 martensitic steels
- RT martensite

MARBLE

INIS: 1976-02-05; ETDE: 1975-10-28

- *BT1 metamorphic rocks
- RT calcium carbonates

MARBLE HILL-1 REACTOR

INIS: 1976-05-07; ETDE: 1975-11-28

Public Service of Indiana, Madison, Indiana, USA. Canceled in 1985 before construction began.

- *BT1 pwr type reactors

MARBLE HILL-2 REACTOR

INIS: 1976-05-07; ETDE: 1975-11-28
Public Service of Indiana, Madison, Indiana, USA. Canceled in 1985 before construction began.

- *BT1 pwr type reactors

MARCASITE

INIS: 1983-09-06; ETDE: 1979-03-28

- *BT1 sulfide minerals
- RT iron sulfides
- RT pyrite

marcoule (cea)

- USE cea marcoule

marcoule g-1 reactor

- USE g-1 reactor

marcoule g-2 reactor

- USE g-2 reactor

marcoule g-3 reactor

- USE g-3 reactor

marcoule phenix reactor

- USE phenix reactor

MARFE

INIS: 1990-05-17; ETDE: 1990-06-01
Multifaceted Asymmetric Radiation From the Edge is the result of a radiative thermal instability caused by light impurities in a peripheral plasma.

- RT plasma confinement
- RT plasma instability
- RT plasma sheath
- RT stellarators
- RT tokamak devices

MARGINAL-COST PRICING

INIS: 1999-12-07; ETDE: 1978-04-06

Pricing based on addition to total cost incurred by the producer in providing one or more units.

- BT1 prices
- RT electric power
- RT incremental-cost pricing
- RT load management
- RT public utilities
- RT rolled-in pricing

margins

INIS: 2000-04-12; ETDE: 1979-05-03

- USE profits

MARIA REACTOR

Institute of Nuclear Research, Swierk, Poland.

- UF swierk maria reactor
- *BT1 beryllium moderated reactors
- *BT1 enriched uranium reactors
- *BT1 isotope production reactors
- *BT1 pool type reactors
- *BT1 research and test reactors
- *BT1 thermal reactors

MARIANA ISLANDS

INIS: 1992-06-09; ETDE: 1979-12-17

- *BT1 trust territory of the pacific islands
- NT1 guam

mariculture

INIS: 1991-09-18; ETDE: 1976-03-22

- USE aquaculture

MARIGNACITE

2000-04-12

- *BT1 oxide minerals
- RT niobium oxides
- RT titanium oxides
- RT zirconium oxides

MARIHUANA

INIS: 1991-12-16; ETDE: 1981-05-18

- UF marijuana
- *BT1 herbs
- *BT1 magnoliopsida
- RT hallucinogens

marijuana

INIS: 1991-12-16; ETDE: 1981-05-18

- USE marihuana

MARINAS

INIS: 1992-06-12; ETDE: 1977-11-09

- RT harbors
- RT inland waterways
- RT seas

MARINE DISPOSAL

- UF sea disposal
- *BT1 waste disposal
- RT boom clay
- RT lcpmpdpw
- RT oecd mcmsdrw
- RT radioactive waste disposal

marine ecosystems

- USE aquatic ecosystems

marine insurance

- USE insurance

marine pollution prevention, london convention

INIS: 1984-06-21; ETDE: 2002-03-27

- USE lcpmpdpw

MARINE RISERS

INIS: 2000-04-12; ETDE: 1977-04-12

Pipes through which fluid travels in an upward direction. On offshore operations the term refers to large diameter pipes which extend from the blowout preventer stack on the sea floor to under the derrick floor of an offshore platform or to a large diameter pipe or flow line carrying gas or oil.

- UF drilling risers
- UF production risers
- *BT1 pipes
- RT offshore drilling
- RT offshore platforms

MARINE SURVEYS

INIS: 2000-01-24; ETDE: 1976-11-17

- UF offshore surveys
- SF surveys
- RT geochemical surveys
- RT geophysical surveys

marine vehicle accidents

- USE accidents

MARINER SPACE PROBES

- *BT1 space vehicles

marit car liab conv bruss 1971

- USE bcoclmcnm

maritime carriage liability conv brussels 1971

2000-04-12

- USE bcoclmcnm

MARITIME LAWS

1990-12-15

(Prior to December 1990, this descriptor was spelled MARITIME LAW.)

- BT1 laws
- RT high seas
- RT maritime transport
- RT nuclear ship visits
- RT territorial waters
- RT transport regulations

MARITIME TRANSPORT

INIS: 1976-12-08; ETDE: 1977-10-20

BT1 transport
RT maritime laws
RT ships
RT tanker ships

MARIUS REACTOR

CEA/CEN, Cadarache, St. Paul Lez Durance, France. Decommissioned since 1987.

UF cadarache reactor marius
*BT1 graphite moderated reactors
*BT1 natural uranium reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 zero power reactors

mark v synchrotron

USE mura synchrotron

MARKARIAN GALAXIES

With abnormally strong continuum in the ultraviolet spectral region.

BT1 galaxies
RT cosmic radio sources

MARKET

The chance to buy or sell.

UF market shares
NT1 spot market
RT business
RT cartels
RT commercial sector
RT commercialization
RT cooperatives
RT domestic supplies
RT economics
RT forecasting
RT globalization
RT gross domestic product
RT gross national product
RT marketers
RT marketing
RT monopolies
RT resellers
RT retailers
RT small businesses
RT supply and demand
RT trade

market life

USE storage life

market shares

INIS: 2000-04-12; ETDE: 1979-05-03

USE competition
USE market

MARKETERS

INIS: 1992-04-03; ETDE: 1979-10-03

UF buyers
UF dealers
UF nonbranded independent marketers
UF refiner-marketers
UF sellers
NT1 resellers
NT1 retailers
NT2 gasoline service stations
RT commercial sector
RT competition
RT industry
RT market

MARKETING

INIS: 1992-03-05; ETDE: 1979-11-23

The aggregate of functions involved in moving goods from producer to customer.

UF marketing research
SF petroleum marketing practices act
BT1 business
RT advertising

RT antitrust laws
RT market
RT retailers
RT sales

marketing research

INIS: 1995-04-07; ETDE: 1978-01-23

Research conducted to establish the extent and location of a market or to analyze the cost of products and processes as compared with that of alternative or competitive products or processes.

USE marketing

MARKOV PROCESS

BT1 stochastic processes
RT chapman-kolmogorov equation
RT failure mode analysis

marlex

2000-04-12

(Prior to March 1996 this was a valid ETDE descriptor.)

USE polyethylenes

marlite

INIS: 2000-04-12; ETDE: 1976-07-07

USE marlstone

MARLSTONE

INIS: 1984-04-04; ETDE: 1976-07-07

An indurated mixture of clay materials and calcium carbonate (rarely dolomite) usually containing from 25 to 75% clays.

UF marlite
RT calcium carbonates
RT clays

marmara sea

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE seas
USE turkey

marmen effect

1986-08-19

USE shape memory effect

marmora sea

INIS: 2000-04-12; ETDE: 1976-05-17

(Prior to July 1996 MARMARA SEA was a valid ETDE descriptor.)

USE seas
USE turkey

MARS PLANET

BT1 planets

MARS REACTOR

INIS: 1986-03-04; ETDE: 1983-05-21

Mars is a major design study undertaken by Lawrence Livermore Laboratory of a 1200 mw(e) commercial tandem mirror reactor.

UF mirror advanced reactor study
*BT1 magnetic mirror type reactors
RT minimars reactor

MARS SPACE PROBES

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 space vehicles
RT space flight

marsh event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

MARSHAK BOUNDARY CONDITIONS

UF marshak conditions
BT1 boundary conditions
RT angular distribution
RT milne problem

RT spherical harmonics method

marshak conditions

USE marshak boundary conditions
USE martin-schwinger theory

MARSHALL ISLANDS

*BT1 micronesia
NT1 bikini
NT1 eniwetok
RT nuclear explosions
RT pacific ocean

MARSHES

INIS: 1992-05-08; ETDE: 1976-07-07

Transitional land-water areas, covered at least part of the time by estuarine or coastal waters and characterized by aquatic and grasslike vegetation.

*BT1 wetlands
RT cattails
RT surface waters
RT swamps

MARSUPIALS

UF kangaroos
UF opossum
UF potorous
UF rat kangaroos
*BT1 mammals

MARTENSITE

1996-07-18

*BT1 carbon additions
*BT1 iron alloys
RT austenite
RT bainite
RT cementite
RT ferrite
RT iron-alpha
RT maraging steels
RT martensitic steels
RT steels

MARTENSITIC STEELS

INIS: 1983-11-09; ETDE: 1989-11-06

*BT1 steels
NT1 maraging steels
NT1 steel-cr10mo2
NT1 steel-cr12
NT2 stainless steel-403
NT1 steel-cr12mov
NT2 alloy-ht-9
NT1 steel-cr13
NT2 stainless steel-410
NT1 steel-cr16ni
NT1 steel-cr17cu4ni4nb-l
NT2 stainless steel-17-4ph
NT1 steel-cr17mo
NT2 stainless steel-440
NT1 steel-cr18
RT martensite

martin-puff-schwinger theory

USE martin-schwinger theory

MARTIN-SCHWINGER THEORY

UF marshak conditions
UF martin-puff-schwinger theory
RT many-body problem

MARTINIQUE

INIS: 1992-06-04; ETDE: 1980-08-12

*BT1 lesser antilles

marvel event

1994-10-14

A test made under PROJECT PLOWSHARE.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions
USE underground explosions

MARVIKEN REACTOR

Plan was cancelled in 1970.

- *BT1 bhwr type reactors
- *BT1 enriched uranium reactors
- *BT1 power reactors

MARX GENERATORS

INIS: 1986-01-21; ETDE: 1985-08-22

Pulsed power devices to charge capacitors in parallel and discharge them quickly in series to produce high voltage, high power pulses used in light ion fusion and in some laser fusion systems.

- *BT1 high-voltage pulse generators
- *BT1 power supplies

MARY KATHLEEN MINES

- *BT1 uranium mines
- RT australia

MARYLA REACTOR

Institute of Nuclear Research, Academy of Mining and Metallurgy, Cracow, Poland.

- UF polish government maryla reactor
- UF swierk research reactor maryla
- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 zero power reactors

MARYLAND

1997-06-17

- UF douglas point site
- *BT1 usa
- RT chesapeake bay
- RT potomac river
- RT potomac river basin
- RT susquehanna river
- RT us east coast

maryland univ. reactor

INIS: 1984-06-21; ETDE: 2002-03-28
USE umne-1 reactor

MASERS

Microwave Amplification by Stimulated Emission of Radiation.

- SF stimulated emission devices
- *BT1 microwave amplifiers
- RT gasers
- RT lasers
- RT microwave radiation
- RT quantum electronics
- RT radiation sources
- RT stimulated emission

MASKING

INIS: 1992-02-21; ETDE: 1980-03-29

Using a covering or coating on a semiconductor or other surface to provide a masked area for selective deposition or etching.

- SF resist
- RT coatings
- RT coverings
- RT deposition
- RT etching
- RT screen printing

masks

- USE respirators

MASS

- NT1 critical mass
- NT1 effective mass
- NT1 missing mass
- NT1 negative mass
- NT1 rest mass
- NT1 thermal mass
- RT dalitz plot
- RT equivalence principle

- RT gravitational fields
- RT linear momentum
- RT mass difference
- RT mass distribution
- RT mass formulae
- RT moment of inertia
- RT weight

mass (thermal)

INIS: 2000-04-12; ETDE: 1978-07-05
USE thermal mass

MASS BALANCE

- UF balance (mass)
- RT confinement
- RT plasma
- RT plasma confinement
- RT thermonuclear devices
- RT thermonuclear reactors

MASS DEFECT

Mass lost to binding energy.
RT binding energy
RT nuclear forces

MASS DIFFERENCE

Unexpected difference between particles of the same family, e.g., between pi plus and pi minus.
BT1 particle properties
RT mass

MASS DISTRIBUTION

INIS: 1984-08-24; ETDE: 1984-10-24
The way matter is distributed in space or throughout a body.

- *BT1 spatial distribution
- RT anisotropy
- RT configuration
- RT density
- RT mass
- RT shape

MASS DOUBLETS

1992-05-07
RT mass spectroscopy

MASS FORMULAE

- NT1 okubo mass formula
- RT mass
- RT quantum field theory

mass loss

INIS: 1984-04-04; ETDE: 2002-03-28
SEE mass transfer
SEE stellar winds

MASS NUMBER

- SF atomic weight
- RT mass spectroscopy
- RT weizsaecker formula

mass radius (nuclear)

USE nuclear radii

mass radius (particle)

USE particle radii

MASS REARING

- BT1 animal breeding
- BT1 rearing
- RT diet
- RT insects
- RT nutrition
- RT sterile male technique

MASS RENORMALIZATION

BT1 renormalization

MASS RESOLUTION

BT1 resolution

MASS SPECTRA

- BT1 spectra
- RT icp mass spectroscopy

MASS SPECTROMETERS

- *BT1 spectrometers
- NT1 dynamic mass spectrometers
- NT2 energy balance mass spectrometers
- NT2 time-of-flight mass spectrometers
- NT1 spark mass spectrometers
- NT1 static mass spectrometers
- RT dees
- RT icp mass spectroscopy
- RT mass spectroscopy
- RT thermal desorption spectroscopy

mass spectrometry

INIS: 1975-10-23; ETDE: 2002-03-28
USE mass spectroscopy

MASS SPECTROSCOPY

- UF mass spectrometry
- UF sims
- BT1 spectroscopy
- NT1 icp mass spectroscopy
- NT1 resonance ionization mass spectroscopy
- RT mass doublets
- RT mass number
- RT mass spectrometers

MASS TRANSFER

- UF transfer (mass)
- SF mass loss
- NT1 advection
- NT1 convection
- NT2 forced convection
- NT2 natural convection
- NT2 thermosyphon effect
- NT1 environmental transport
- NT2 long-range transport
- NT2 radionuclide migration
- NT2 runoff
- NT1 piston effect
- RT air-biosphere interactions
- RT atom transport
- RT dialysis
- RT diffusion
- RT energy transfer
- RT fluid flow
- RT lewis number
- RT membrane transport
- RT osmosis

MASS TRANSIT SYSTEMS

INIS: 1992-09-09; ETDE: 1977-11-28
SF public transportation systems
BT1 transportation systems
RT rapid transit systems
RT transport

MASSACHUSETTS

1997-06-17

- *BT1 usa
- RT connecticut river
- RT connecticut river basin
- RT gulf of maine
- RT us east coast

massachusetts institute of technology alcator

1993-11-09
USE alcator device

massachusetts institute of technology reactor

1993-11-09
USE mitr reactor

massey-mohr equation

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE equations

massive transfer reactions

INIS: 1985-01-18; ETDE: 2002-03-28

USE incomplete fusion reactions

massive vector-meson model

USE gluon model

MASSLESS PARTICLES

BT1 elementary particles

NT1 gravitons

NT1 neutrinos

NT2 antineutrinos

NT3 electron antineutrinos

NT3 muon antineutrinos

NT2 atmospheric neutrinos

NT3 conventional neutrinos

NT3 prompt neutrinos

NT2 cosmic neutrinos

NT2 electron neutrinos

NT3 electron antineutrinos

NT2 geoneutrinos

NT2 muon neutrinos

NT3 muon antineutrinos

NT2 reactor neutrinos

NT2 solar neutrinos

NT2 sterile neutrinos

NT2 tau neutrinos

NT1 photons

NT2 cosmic photons

RT quantum field theory

RT special relativity theory

MAST CELLS

UF basophils (connective tissue)

*BT1 connective tissue cells

RT heparin

MAST TOKAMAK

INIS: 1999-07-26; ETDE: 1999-09-03

Mega Amp Spherical Tokamak, Culham, UK.

*BT1 spheromak devices

MASTER METERING

INIS: 2000-04-12; ETDE: 1979-10-03

Use of a single meter to record energy consumption - either gas or electricity - for an entire multifamily residence.

BT1 metering

RT electric power

RT electric utilities

RT gas meters

RT gas utilities

RT measuring methods

RT natural gas

RT power meters

MASTIGOPHORA

INIS: 1993-07-15; ETDE: 1981-06-17

*BT1 protozoa

NT1 dinoflagellate

NT1 euglena

NT1 trypanosoma

MASURCA REACTOR

UF cadarache maquette surgeneratic reactor

*BT1 air cooled reactors

*BT1 enriched uranium reactors

*BT1 fast reactors

*BT1 plutonium reactors

*BT1 zero power reactors

masurium

USE technetium

masuyite

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE oxide minerals

USE uranium minerals

MATAGORDA BAY

INIS: 2000-04-12; ETDE: 1979-11-23

*BT1 bays

RT texas

MATERIAL BALANCE

SF input-output

RT accounting

RT inventories

RT losses

RT material unaccounted for

RT materials

RT shipper-receiver differences

MATERIAL BALANCE AREA

RT safeguards

RT strategic points

MATERIAL BUCKLING

A form of neutron density distribution in reactors. For buckling of materials, see DEFORMATION or FAILURES.

BT1 buckling

MATERIAL SUBSTITUTION

INIS: 1993-02-18; ETDE: 1977-12-22

RT fuel substitution

RT interchangeability

MATERIAL UNACCOUNTED FOR

UF muf

RT accounting

RT inventories

RT losses

RT material balance

RT nuclear materials management

RT safeguards

RT shipper-receiver differences

MATERIALS

1997-06-19

Use of a more specific term is strongly recommended.

UF molding materials

SF renewable resources

NT1 biological materials

NT2 biological wastes

NT3 feces

NT3 manures

NT3 sewage sludge

NT3 sweat

NT3 urine

NT2 body fluids

NT3 amniotic fluid

NT3 bile

NT3 blood

NT4 blood cells

NT5 blood platelets

NT5 erythrocytes

NT6 reticulocytes

NT5 leukocytes

NT6 basophils

NT6 eosinophils

NT6 lymphocytes

NT6 monocytes

NT6 natural killer cells

NT6 neutrophils

NT4 blood plasma

NT5 blood serum

NT3 cerebrospinal fluid

NT3 gastric acid

NT3 lymph

NT3 milk

NT3 saliva

NT3 sweat

NT3 urine

NT2 forest litter

NT2 plant sap

NT2 tissue extracts

NT1 building materials

NT2 adobe

NT2 bricks

NT2 cements

NT3 gypsum cements

NT3 portland cement

NT2 concrete blocks

NT2 concretes

NT3 prestressed concrete

NT3 reinforced concrete

NT1 carbonaceous materials

NT2 bituminous materials

NT3 kerogen

NT3 oil sands

NT3 oil shales

NT4 black shales

NT2 coal

NT3 black coal

NT4 anthracite

NT4 bituminous coal

NT3 brown coal

NT4 lignite

NT3 coal fines

NT3 high-sulfur coal

NT3 low-sulfur coal

NT3 sapropelic coal

NT4 boghead coal

NT5 torbanite

NT4 cannel coal

NT3 subbituminous coal

NT1 composite materials

NT2 cermets

NT3 td-nickel

NT3 td-nickel chromium

NT2 concrete-plastic composites

NT2 fiberglass

NT2 prestressed concrete

NT2 reinforced concrete

NT2 superconducting composites

NT2 wood-plastic composites

NT1 dielectric materials

NT2 antiferroelectric materials

NT2 electrets

NT2 ferroelectric materials

NT1 doped materials

NT1 environmental materials

NT1 fertile materials

NT1 fissionable materials

NT2 fissile materials

NT1 glazing materials

NT1 granular materials

NT1 hazardous materials

NT2 toxic materials

NT3 toxins

NT4 endotoxins

NT4 mycotoxins

NT5 aflatoxins

NT1 heat resistant materials

NT2 heat resisting alloys

NT3 alloy-co36cr22ni22w15fe3

NT4 haynes 188 alloy

NT3 alloy-co54cr20w15ni10

NT4 alloy-hs-25

NT4 haynes 25 alloy

NT3 alloy-co60cr30w4

NT4 stellite 6

NT3 alloy-d-979

NT3 alloy-fe44ni33cr21

NT4 incoloy 800h

NT3 alloy-fe46ni33cr21

NT4 incoloy 800

NT4 incoloy 802

NT3 alloy-mo99

NT4 alloy-tzm

NT4 alloy-zm-2a

NT3 alloy-n-10m
 NT3 alloy-n-9m
 NT3 alloy-ni41fe40cr16nb3
 NT4 inconel 706
 NT3 alloy-ni43fe30cr22mo3
 NT4 incoloy 825
 NT3 alloy-ni43fe33cr16mo3
 NT4 nimonic pe16
 NT3 alloy-ni46cr23co19ti5al4
 NT4 alloy-in-939
 NT3 alloy-ni49cr22fe18mo9
 NT4 hastelloy x
 NT3 alloy-ni50co20cr15al5mo5
 NT4 nimonic 105
 NT3 alloy-ni50cr22fe18mo9
 NT4 hastelloy xr
 NT3 alloy-ni50mo32cr15si3
 NT3 alloy-ni51cr48
 NT4 inconel 671
 NT3 alloy-ni53cr19fe19nb5mo3
 NT4 inconel 718
 NT3 alloy-ni54cr22co13mo9
 NT4 inconel 617
 NT3 alloy-ni54mo17cr16fe6w4
 NT4 hastelloy c
 NT3 alloy-ni55cr19co11mo10ti3
 NT4 rene 41
 NT3 alloy-ni58cr20co14mo4ti3
 NT4 waspaloy
 NT3 alloy-ni59cr20co17ti2
 NT3 alloy-ni59cr30fe9
 NT4 inconel 690
 NT3 alloy-ni60co15cr10al6ti5mo3
 NT4 alloy-in-100
 NT3 alloy-ni60fe24cr16
 NT4 nichrome
 NT3 alloy-ni61cr16co9al3ti3w3
 NT4 alloy-in-738
 NT3 alloy-ni61cr22mo9nb4fe3
 NT4 inconel 625
 NT3 alloy-ni62cr16mo15fe3
 NT4 hastelloy s
 NT3 alloy-ni65cr25mo10
 NT4 nimonic 86
 NT3 alloy-ni70mo17cr7fe5
 NT4 hastelloy n
 NT4 inor-8
 NT3 alloy-ni73cr15fe7ti3
 NT4 inconel x750
 NT3 alloy-ni73cr20mn3nb3
 NT4 inconel 82
 NT3 alloy-ni74cr13al6mo4
 NT4 inconel 713c
 NT3 alloy-ni75cr12al6mo5
 NT4 inconel 713lc
 NT3 alloy-ni76cr15fe8
 NT4 inconel 600
 NT3 alloy-ni76cr20ti2
 NT4 nimonic 80a
 NT3 alloy-ni77cr20ti2
 NT3 alloy-nt25a5
 NT3 alloy-ra-333
 NT3 alloy-s-590
 NT3 alloy-s-816
 NT3 alloy-v-36
 NT3 alloy-zr97nb3
 NT3 alloy-zr98sn-2
 NT4 zircaloy 2
 NT3 alloy-zr98sn-4
 NT4 zircaloy 4
 NT3 enduro
 NT3 incoloy 901
 NT3 rene 80
 NT3 rene 95
 NT3 steel-cr12
 NT4 stainless steel-403
 NT3 steel-cr12moniv
 NT3 steel-cr12mov
 NT4 alloy-ht-9

NT3 steel-cr13
 NT4 stainless steel-410
 NT3 steel-cr13al
 NT4 stainless steel-405
 NT3 steel-cr15ni15motib
 NT3 steel-cr16
 NT4 stainless steel-430
 NT3 steel-cr16ni
 NT3 steel-cr16ni13monbv
 NT3 steel-cr16ni15mo3nb
 NT3 steel-cr16ni16monb
 NT3 steel-cr16ni8mo2
 NT4 stainless steel-16-8-2
 NT3 steel-cr17cu4ni4nb-l
 NT4 stainless steel-17-4ph
 NT3 steel-cr17mo
 NT4 stainless steel-440
 NT3 steel-cr17ni12mo3
 NT4 stainless steel-316
 NT3 steel-cr17ni12mo3-l
 NT4 stainless steel-316l
 NT4 stainless steel-zcnd17-13
 NT3 steel-cr17ni12monb
 NT3 steel-cr17ni13
 NT3 steel-cr17ni13mo2ti
 NT3 steel-cr17ni13mo3ti
 NT3 steel-cr17ni4mo3
 NT3 steel-cr17ni7
 NT4 stainless steel-301
 NT3 steel-cr18ni10
 NT4 stainless steel-18-10
 NT3 steel-cr18ni10-l
 NT3 steel-cr18ni10ti
 NT4 stainless steel-321
 NT3 steel-cr18ni11
 NT4 steel-x6crni1811
 NT3 steel-cr18ni11nb
 NT4 stainless steel-347
 NT3 steel-cr18ni11nbco
 NT4 stainless steel-348
 NT3 steel-cr18ni12
 NT4 stainless steel-305
 NT3 steel-cr18ni12ti
 NT3 steel-cr18ni8
 NT4 stainless steel-18-8
 NT3 steel-cr18ni9
 NT4 stainless steel-302
 NT3 steel-cr18ni9ti
 NT3 steel-cr19ni10
 NT4 stainless steel-304
 NT3 steel-cr19ni10-l
 NT4 stainless steel-304l
 NT3 steel-cr20ni11
 NT4 stainless steel-308
 NT3 steel-cr20ni11-l
 NT4 stainless steel-308l
 NT3 steel-cr21mn9ni6
 NT4 stainless steel-21-6-9
 NT3 steel-cr23ni14
 NT4 stainless steel-309
 NT4 stainless steel-309s
 NT3 steel-cr23ni18
 NT3 steel-cr25
 NT4 stainless steel-446
 NT3 steel-cr25ni20
 NT4 alloy-hk-40
 NT4 stainless steel-310
 NT3 steel-cr2monib
 NT3 steel-cr2mov
 NT3 steel-ni25cr20
 NT4 stainless steel-20-25
 NT3 steel-ni26cr15ti2movalb
 NT4 alloy-a-286
 NT3 steel-nimocr
 NT3 tophet
 NT3 tribaloy 800
 NT3 udimet alloys
 NT4 alloy-ni53co19cr15mo5al4ti3
 NT5 udimet 700

NT4 udimet 500
 NT1 ion exchange materials
 NT2 inorganic ion exchangers
 NT3 bentonite
 NT3 montmorillonite
 NT3 mullite
 NT3 vermiculite
 NT3 zeolites
 NT4 clinoptilolite
 NT4 faujasite
 NT4 heulandite
 NT4 laumontite
 NT4 mordenite
 NT4 wairakite
 NT2 liquid ion exchangers
 NT2 mixed bed ion exchangers
 NT2 organic ion exchangers
 NT3 polystyrene-dvb
 NT1 isotope enriched materials
 NT2 enriched uranium
 NT3 highly enriched uranium
 NT3 moderately enriched uranium
 NT3 slightly enriched uranium
 NT1 laser materials
 NT1 lunar materials
 NT1 magnetic materials
 NT2 antiferromagnetic materials
 NT2 ferrimagnetic materials
 NT3 ferrites
 NT2 ferromagnetic materials
 NT1 matrix materials
 NT1 metamaterials
 NT1 nanomaterials
 NT2 nanocomposites
 NT1 phase change materials
 NT1 photochromic materials
 NT1 porous materials
 NT1 potting materials
 NT1 radioactive materials
 NT2 fission products
 NT2 naturally occurring radioactive materials
 NT2 radioactive minerals
 NT3 baddeleyite
 NT3 corvusite
 NT3 fersmite
 NT3 kainosite
 NT3 melanovanadite
 NT3 pascoite
 NT3 rutile
 NT3 thorium minerals
 NT4 allanite
 NT4 bastnaesite
 NT4 brannerite
 NT4 ekanite
 NT4 freyalite
 NT4 hydrothorite
 NT4 lodochukite
 NT4 lyndochite
 NT4 mackintoshite
 NT4 maitlandite
 NT4 monazites
 NT4 naegite
 NT4 thorianite
 NT4 thorite
 NT5 jiningite
 NT4 thucholite
 NT4 uranorthorite
 NT3 uranium minerals
 NT4 autunite
 NT4 bassetite
 NT4 becquerelite
 NT4 billietite
 NT4 brannerite
 NT4 carnotite
 NT4 clarkeite
 NT4 coffinite
 NT4 compregnacite
 NT4 dewindite

NT4 diderichite
NT4 djalmaitite
NT4 ekanite
NT4 ellsworthite
NT4 ferghanite
NT4 fourmarierite
NT4 gastunitite
NT4 guilleminite
NT4 hallimondite
NT4 heinrichite
NT4 ianthinite
NT4 kahlerite
NT4 kirchheimerite
NT4 lodochukite
NT4 mackintoshite
NT4 moctezumite
NT4 montroseite
NT4 naegite
NT4 natroautunite
NT4 ningyoite
NT4 novacekite
NT4 para-schoepite
NT4 ranquillite
NT4 rauvite
NT4 sabugalite
NT4 saleeite
NT4 schoepite
NT4 sengierite
NT4 sklodowskite
NT4 soddyite
NT4 thorianite
NT4 thucholite
NT4 torbernite
NT4 tyuyamunite
NT4 uraninites
NT5 broeggerite
NT5 pitchblende
NT4 uranium black
NT4 uranophane
NT4 uranorthite
NT4 vesuvianite
NT2 radioactive wastes
NT3 alpha-bearing wastes
NT3 calcined wastes
NT3 high-level radioactive wastes
NT3 intermediate-level radioactive wastes
NT3 low-level radioactive wastes
NT3 radioactive effluents
NT3 waste forms
NT2 radiopharmaceuticals
NT1 raw materials
NT2 chemical feedstocks
NT1 reactor materials
NT2 nuclear fuels
NT3 accident-tolerant nuclear fuels
NT3 alloy nuclear fuels
NT4 uranium-molybdenum fuels
NT3 denatured fuel
NT3 dispersion nuclear fuels
NT3 fuel solutions
NT3 liquid metal fuels
NT3 mixed carbide fuels
NT3 mixed nitride fuels
NT3 mixed oxide fuels
NT3 molten salt fuels
NT3 spent fuels
NT2 nuclear poisons
NT3 burnable poisons
NT3 fission poisons
NT3 soluble poisons
NT1 reinforced materials
NT2 reinforced concrete
NT2 reinforced plastics
NT1 sealing materials
NT1 semiconductor materials
NT2 magnetic semiconductors
NT2 n-type conductors
NT2 organic semiconductors

NT2 p-type conductors
NT1 shielding materials
NT1 sintered materials
NT2 sintered aluminium powders
NT1 stemming materials
NT1 surgical materials
NT1 synthetic materials
NT2 plastics
NT3 aramids
NT3 bakelite
NT3 formvar
NT3 lucite
NT3 mylar
NT3 nylon
NT3 perspex
NT3 plexiglas
NT3 polystyrene
NT3 polyurethanes
NT4 halthane
NT3 reinforced plastics
NT3 tedlar
NT3 teflon
NT3 thermoplastics
NT2 synthetic rocks
NT1 thermoelectric materials
NT1 thermonuclear reactor materials
NT1 tissue-equivalent materials
NT1 weatherstripping
RT interchangeability
RT material balance
RT materials drilling
RT materials handling
RT materials testing
RT materials working

materials (antiferroelectric)

2000-04-12
 USE antiferroelectric materials

materials (antiferromagnetic)

2000-04-12
 USE antiferromagnetic materials

materials (biological)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE biological materials

materials (building)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE building materials

materials (composite)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE composite materials

materials (dielectric)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE dielectric materials

materials (doped)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE doped materials

materials (environmental)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE environmental materials

materials (ferrimagnetic)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE ferrimagnetic materials

materials (ferroelectric)

2000-04-12
 USE ferroelectric materials

materials (ferromagnetic)

2000-04-12
 USE ferromagnetic materials

materials (lunar)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE lunar materials

materials (magnetic)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE magnetic materials

materials (porous)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE porous materials

materials (reinforced)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE reinforced materials

materials (semiconductor)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE semiconductor materials

materials (shielding)

INIS: 2000-04-12; ETDE: 1981-09-22
 USE shielding materials

materials and minerals policy acts

INIS: 2000-04-12; ETDE: 1984-06-29
 (Prior to January 1995, this was a valid ETDE descriptor.)
 SEE laws

MATERIALS DRILLING

UF drilling (materials)
BT1 machining
NT1 laser drilling
NT1 rock drilling
RT drill bits
RT materials
RT subterranean penetrators

MATERIALS HANDLING

1997-06-05
 (From May 1978 to March 1997 HOISTING was a valid ETDE descriptor. From August 1979 till March 1997 RETRIEVAL SYSTEMS was a valid ETDE descriptor.)

UF handling (materials)
UF hoisting
SF retrieval systems
NT1 lightering
NT1 loading
NT1 mine haulage
NT1 unloading
RT cargo
RT contact handling
RT conveyors
RT cranes
RT delivery
RT fuel feeding systems
RT grabs
RT haulage equipment
RT hoists
RT hydraulic transport
RT loaders
RT materials
RT materials handling equipment
RT pumping
RT recycling
RT remote handling
RT sample changers
RT solids flow
RT transport
RT waste retrieval
RT winches

MATERIALS HANDLING EQUIPMENT

INIS: 1983-09-06; ETDE: 1980-02-11
BT1 equipment
NT1 earthmoving equipment
NT2 bucket wheel excavators
NT2 draglines

NT1 grabs
 NT1 haulage equipment
 NT2 conveyors
 NT3 belt conveyors
 NT3 chain conveyors
 NT2 loaders
 NT3 cutter loaders
 NT4 coal plows
 NT4 continuous miners
 NT4 heading machines
 NT4 shearer loaders
 NT2 mine cars
 NT1 hoists
 NT1 mixers
 NT1 remote handling equipment
 NT2 cranes
 NT2 manipulators
 NT1 shredders
 NT1 winches
 RT contact handling
 RT materials handling
 RT remote handling
 RT robots
 RT transport

MATERIALS PROCESSING REACTORS

For routine irradiation of production items to obtain desirable changes in properties.

*BT1 irradiation reactors

MATERIALS RECOVERY

INIS: 1992-05-04; ETDE: 1975-09-11

SF recovery
 *BT1 waste processing
 RT lime-soda sinter process
 RT recycling
 RT resource recovery facilities
 RT resox process
 RT syngas process

MATERIALS TESTING

UF testing (materials)
 BT1 testing
 NT1 destructive testing
 NT2 charpy test
 NT1 indentation testing
 NT1 mechanical tests
 NT2 impact tests
 NT3 charpy test
 NT1 nondestructive testing
 NT2 acoustic testing
 NT3 acoustic emission testing
 NT3 ultrasonic testing
 NT2 electrical testing
 NT2 electromagnetic testing
 NT3 eddy current testing
 NT2 industrial radiography
 NT3 beta radiography
 NT3 gamma radiography
 NT4 gamma fuel scanning
 NT3 neutron radiography
 NT3 proton radiography
 NT3 x-ray radiography
 NT2 liquid penetrant inspection
 NT2 magnetic testing
 NT2 radiation attenuation testing
 NT2 thermal testing
 NT3 frost tests
 RT ceramography
 RT corrosion
 RT emanation method
 RT fmit linac
 RT inspection
 RT materials
 RT metallography
 RT photoelasticity
 RT quality control
 RT s-n diagram
 RT stresses

materials testing reactor idaho

INIS: 1993-11-09; ETDE: 2002-03-28
 USE mtr reactor

materials testing reactor japan

1993-11-09
 USE jmtr reactor

MATERIALS TESTING REACTORS

For testing properties of materials or equipment in a radioactive environment.

*BT1 irradiation reactors
 NT1 atr reactor
 NT1 br-2 reactor
 NT1 cp-2 reactor
 NT1 dido reactor
 NT1 dmr reactor
 NT1 dr-3 reactor
 NT1 el-3 reactor
 NT1 ewg-1 reactor
 NT1 frg-2 reactor
 NT1 frj-2 reactor
 NT1 ga siwabessy reactor
 NT1 gleep reactor
 NT1 hanaro reactor
 NT1 hector reactor
 NT1 hfetr reactor
 NT1 hfr reactor
 NT1 hifar reactor
 NT1 hwctr reactor
 NT1 hwtr reactor
 NT1 igr reactor
 NT1 ivv-2m reactor
 NT1 jmtr reactor
 NT1 jrr-3 reactor
 NT1 jrr-3m reactor
 NT1 jules horowitz reactor
 NT1 kstr reactor
 NT1 lpr reactor
 NT1 merlin reactor
 NT1 mtr reactor
 NT1 nbsr reactor
 NT1 nrx reactor
 NT1 osiris reactor
 NT1 pbr reactor
 NT1 pluto reactor
 NT1 r-2 reactor
 NT1 rv-1 reactor
 NT1 sm-2 reactor
 NT1 taiwan research reactor
 NT1 triga-1-hanford reactor
 NT1 wr-1 reactor
 NT1 wwr-m-kiev reactor
 NT1 wwr-m-leningrad reactor
 NT1 zephyr reactor

MATERIALS WORKING

Covers metal and non-metal working.

UF forming (materials)
 UF working (materials)
 BT1 fabrication
 NT1 canning
 NT1 cold working
 NT2 shot peening
 NT1 drawing
 NT1 explosive forming
 NT1 extrusion
 NT2 coextrusion
 NT1 forging
 NT1 hot working
 NT1 magnetic forming
 NT1 pressing
 NT2 cold pressing
 NT2 hot pressing
 NT1 rolling
 NT1 swaging
 NT1 thermomechanical treatments
 RT casting
 RT deformation
 RT machining

RT materials
 RT molding

MATHEMATICAL EVOLUTION

2003-06-26

Development of an algorithm, formula, analytic function, series expansion or mathematical model from a simple approach to a more advanced, complex, sophisticated form.

BT1 evolution
 RT algorithms
 RT analytic functions
 RT asymptotic solutions
 RT evolution equations
 RT functional analysis
 RT mathematical models
 RT series expansion

MATHEMATICAL LOGIC

INIS: 1986-07-10; ETDE: 1975-11-11

UF logic (mathematics)
 UF symbolic logic
 NT1 algorithms
 NT2 genetic algorithms
 NT1 fuzzy logic
 RT mathematical models
 RT mathematical solutions
 RT mathematics
 RT system failure analysis

MATHEMATICAL MANIFOLDS

1997-08-20

NT1 complex manifolds
 NT1 convex manifolds
 NT1 smooth manifolds
 RT dynamical systems
 RT graph theory
 RT mathematical space
 RT mathematics
 RT measure theory
 RT topological mapping
 RT topology

MATHEMATICAL MODELS

1996-07-23

(From September 1982 till March 1997 OPERATIONS RESEARCH was a valid ETDE descriptor.)

UF models (mathematical)
 UF thermal-nelson model
 SF operations research
 NT1 atomic models
 NT2 thomas-fermi model
 NT1 box models
 NT1 climate models
 NT1 cosmological models
 NT2 inflationary universe
 NT1 crystal models
 NT2 heisenberg model
 NT2 hubbard model
 NT2 ising model
 NT1 electron-promotion model
 NT1 flow models
 NT1 general circulation models
 NT1 harmonic oscillator models
 NT1 molecular models
 NT2 thermodynamic molecular model
 NT1 nuclear models
 NT2 black nucleus model
 NT2 brueckner model
 NT2 cloudy crystal ball model
 NT2 cluster model
 NT2 coherent tube model
 NT2 collective model
 NT3 rotation-vibration model
 NT2 cranking model
 NT2 davydov-filipov model
 NT2 droplet model
 NT2 elliot model

- NT2 evaporation model
- NT3 weisskopf model
- NT2 exciton model
- NT2 fermi gas model
- NT2 folding model
- NT2 goldberger model
- NT2 lane-thomas-wigner model
- NT2 liquid drop model
- NT2 nilsson-mottelson model
- NT2 nuclear fireball model
- NT2 order-disorder model
- NT2 particle-core coupling model
- NT2 particle-hole model
- NT2 perey-buck model
- NT2 quartet model
- NT2 quasiparticle-phonon model
- NT2 scission-point model
- NT2 shell models
 - NT3 governor model
 - NT3 interacting boson model
 - NT3 multi-center shell model
- NT2 single-particle model
- NT2 spherical model
- NT2 strong-absorption model
- NT2 superfluid model
- NT2 unified model
- NT2 valency model
- NT2 vibron model
- NT2 vmi model
- NT2 walecka model
- NT2 weak-coupling model
- NT1 optical models
- NT1 particle models
 - NT2 coherent tube model
 - NT2 composite models
 - NT3 bootstrap model
 - NT3 cim model
 - NT3 quark model
 - NT4 bag model
 - NT4 color model
 - NT4 flavor model
 - NT4 string models
 - NT5 superstring models
 - NT2 correlated-particle models
 - NT2 diffraction models
 - NT2 dual absorption model
 - NT2 extended particle model
 - NT3 bag model
 - NT3 string models
 - NT4 superstring models
 - NT2 feynnman gas model
 - NT2 fireball model
 - NT2 gluon model
 - NT2 hard collision models
 - NT2 higgs model
 - NT2 isobar model
 - NT2 jet model
 - NT2 lee model
 - NT2 linear absorption models
 - NT2 nova model
 - NT2 octet model
 - NT2 peripheral models
 - NT3 baryon-exchange models
 - NT3 boson-exchange models
 - NT4 obe model
 - NT5 ope model
 - NT6 electric born model
 - NT4 sigma model
 - NT3 multiperipheral model
 - NT4 cluster emission model
 - NT5 space-time model
 - NT2 strong-coupling model
 - NT2 tensor dominance model
 - NT2 thermodynamic model
 - NT3 hydrodynamic model
 - NT2 uncorrelated-particle model
 - NT2 unified gauge models
 - NT3 grand unified theory
 - NT4 standard model
- NT3 weinberg-salam gauge model
- NT2 van hove model
- NT2 vector dominance model
- NT2 veneziano model
 - NT3 dual resonance model
- NT1 star models
- NT1 statistical models
 - NT2 feynnman gas model
 - NT2 thermodynamic model
 - NT3 hydrodynamic model
 - RT bifurcation
 - RT biological models
 - RT comparative evaluations
 - RT computer-aided design
 - RT computer calculations
 - RT dynamic programming
 - RT energy models
 - RT exact solutions
 - RT functional models
 - RT fuzzy logic
 - RT hypothesis
 - RT linear programming
 - RT mathematical evolution
 - RT mathematical logic
 - RT microcosms
 - RT mockup
 - RT nonlinear programming
 - RT parametric analysis
 - RT projection series
 - RT response functions
 - RT scaling laws
 - RT sensitivity analysis
 - RT simulation
 - RT structural models
 - RT time-series analysis
 - RT validation

MATHEMATICAL OPERATORS

- UF *operators (mathematical)*
- NT1 casimir operators
- NT1 differential operators
- NT1 hermitian operators
- NT1 laplacian
- NT1 projection operators
- NT1 quantum operators
 - NT2 angular momentum operators
 - NT3 orbital momentum operators
 - NT3 pauli spin operators
 - NT2 annihilation operators
 - NT2 commutators
 - NT3 current commutators
 - NT4 sigma terms
 - NT2 creation operators
 - NT2 dirac operators
 - NT2 field operators
 - NT2 hamiltonians
 - NT2 linear momentum operators
 - NT2 moshinsky transformation
 - NT2 position operators
- NT1 superoperators
 - RT commutation relations
 - RT density matrix
 - RT digital frequency analysis
 - RT eigenvalues
 - RT eigenvectors
 - RT mathematics
 - RT quantum mechanics
 - RT transfer matrix method

MATHEMATICAL SOLUTIONS

INIS: 2003-06-19; ETDE: 2003-07-29

- NT1 analytical solution
- NT1 asymptotic solutions
- NT1 exact solutions
- NT1 numerical solution
 - NT2 collision probability method
 - NT2 extrapolation
 - NT2 finite difference method
 - NT2 finite element method
 - NT3 boundary element method

- NT2 interpolation
- NT2 maximum-likelihood fit
 - NT3 least square fit
- NT2 runge-kutta method
 - RT algorithms
 - RT calculation methods
 - RT equations
 - RT mathematical logic
 - RT mathematics

MATHEMATICAL SPACE

- BT1 space
- NT1 anti de sitter space
- NT1 banach space
 - NT2 hilbert space
- NT1 de sitter space
- NT1 hausdorff space
- NT1 minkowski space
- NT1 phase space
- NT1 riemann space
 - NT2 euclidean space
- RT chaos theory
- RT differential geometry
- RT fock representation
- RT functional analysis
- RT geodesics
- RT graph theory
- RT lobachevsky geometry
- RT mathematical manifolds
- RT mathematics
- RT measure theory
- RT metrics
- RT space dependence
- RT space-time

MATHEMATICS

- NT1 algebra
- NT1 chaos theory
- NT1 differential calculus
- NT1 functional analysis
- NT1 geometry
 - NT2 differential geometry
 - NT2 lobachevsky geometry
- NT1 global analysis
- NT1 graph theory
- NT1 group theory
- NT1 integral calculus
- NT1 measure theory
- NT1 numerical analysis
- NT1 prony method
- NT1 set theory
- NT1 statistics
 - NT2 game theory
 - NT2 kriging
 - NT2 multivariate analysis
 - NT2 regression analysis
 - NT2 time-series analysis
- NT1 topology
 - NT2 differential topology
 - RT algorithms
 - RT anharmonic oscillators
 - RT bethe-tait method
 - RT boundary element method
 - RT canonical transformations
 - RT conformal mapping
 - RT convergence
 - RT coordinates
 - RT differential equations
 - RT eigenvectors
 - RT equations
 - RT extrapolation
 - RT extreme-value problems
 - RT factorization
 - RT finite difference method
 - RT finite element method
 - RT four-dimensional calculations
 - RT fourier analysis
 - RT functions
 - RT galerkin-petrov method
 - RT gamma function

RT geodesy
 RT harmonic oscillators
 RT integral equations
 RT integral transformations
 RT integrals
 RT interpolation
 RT iterative methods
 RT many-dimensional calculations
 RT mathematical logic
 RT mathematical manifolds
 RT mathematical operators
 RT mathematical solutions
 RT mathematical space
 RT matrices
 RT mesh generation
 RT metrics
 RT network analysis
 RT newton method
 RT nodal expansion method
 RT nonlinear problems
 RT one-dimensional calculations
 RT perturbation theory
 RT phase space
 RT polynomials
 RT power series
 RT quasilinear problems
 RT queues
 RT regge calculus
 RT runge-kutta method
 RT saddle-point method
 RT scalars
 RT series expansion
 RT spherical harmonics
 RT spline functions
 RT superconvergence relations
 RT tensors
 RT three-dimensional calculations
 RT two-dimensional calculations
 RT variational methods
 RT vectors
 RT weierstrass functions

MATHIEU EQUATION

*BT1 differential equations

MATING

RT behavior
 RT reproduction
 RT sex

MATRICES

NT1 density matrix
 NT1 g matrix
 NT1 hermitian matrix
 NT1 k matrix
 NT1 kobayashi-maskawa matrix
 NT1 nuclear matrix
 NT1 r matrix
 NT1 s matrix
 RT mathematics
 RT matrix elements
 RT metrics
 RT secular equation

MATRIX ELEMENTS

RT brillouin theorem
 RT matrices

MATRIX ISOLATION

INIS: 1978-08-30; ETDE: 1978-10-19
Method for investigating chemical, physical, spectroscopic and other properties of reactive species of atoms or molecules while trapped in matrices at low temperatures.

RT atoms
 RT clathrates
 RT molecular structure
 RT molecules
 RT spectroscopy

MATRIX MATERIALS

UF electrolyte tiles
 BT1 materials
 RT fuel cells
 RT fuel elements
 RT graphite
 RT reactor materials
 RT resins

MATSUKAWA GEOTHERMAL FIELD

2000-04-12

BT1 geothermal fields
 RT hachimantai
 RT japan
 RT vapor-dominated systems

MATTER

NT1 antimatter
 NT2 antinuclei
 NT3 antideuteron
 NT3 antiprotons
 NT3 antitritons
 NT2 antiparticles
 NT3 antibaryons
 NT4 antihyperons
 NT5 antilambda particles
 NT5 antiomega particles
 NT5 antisigma particles
 NT5 antixi particles
 NT4 antinucleons
 NT5 antineutrons
 NT5 antiprotons
 NT3 antikaons
 NT4 antikaons neutral
 NT3 antileptons
 NT4 antineutrinos
 NT5 electron antineutrinos
 NT5 muon antineutrinos
 NT4 muons plus
 NT4 positrons
 NT5 cosmic positrons
 NT3 antimesons
 NT4 pseudoscalar antimesons
 NT5 anti-b neutral mesons
 NT5 anti-d neutral mesons
 NT3 antiquarks
 NT4 b antiquarks
 NT4 c antiquarks
 NT4 d antiquarks
 NT4 s antiquarks
 NT4 t antiquarks
 NT4 u antiquarks
 NT1 nonluminous matter
 NT1 nuclear matter
 NT1 organic matter
 NT2 kerogen
 NT2 peat
 NT1 quark matter
 NT1 volatile matter
 NT1 warm dense matter
 RT ambiplasma
 RT cosmology
 RT rheology

MATTHIESSEN RULE

RT electric conductivity
 RT thermal conductivity

MATURATION

INIS: 2000-07-24; ETDE: 1977-08-09

UF thermal alteration
 RT petroleum

MAURITANIA

BT1 africa
 BT1 arab countries
 BT1 developing countries

MAURITIUS

INIS: 1992-06-04; ETDE: 1981-05-18

BT1 developing countries
 BT1 islands
 RT indian ocean

max-planck-institut fuer plasmaphysik

INIS: 1993-11-09; ETDE: 2002-03-28
 USE ipp garching

MAXIMUM ACCEPTABLE CONTAMINATION

UF mac
 *BT1 contamination regulations
 *BT1 safety standards
 RT contamination

maximum credible accident

(Prior to March 2017 this was a valid descriptor)
 USE design-basis accidents

MAXIMUM INHALATION QUANTITY

UF miq
 *BT1 safety standards
 RT inhalation
 RT radioactivity

MAXIMUM-LIKELIHOOD FIT

*BT1 numerical solution
 NT1 least square fit
 RT probability
 RT statistics

MAXIMUM PERMISSIBLE ACTIVITY

*BT1 safety standards
 RT activity levels
 RT radioactivity

MAXIMUM PERMISSIBLE BODY BURDEN

UF mpbb
 *BT1 safety standards
 RT body burden
 RT radioactivity
 RT retention

MAXIMUM PERMISSIBLE CONCENTRATION

UF mpc
 *BT1 safety standards

MAXIMUM PERMISSIBLE DOSE

UF mpd
 *BT1 safety standards
 RT dose limits
 RT maximum permissible exposure
 RT radiation doses

MAXIMUM PERMISSIBLE EXPOSURE

UF mpe
 *BT1 safety standards
 RT integral doses
 RT maximum permissible dose
 RT radiation doses

MAXIMUM PERMISSIBLE INTAKE

UF mpi
 *BT1 safety standards
 RT intake
 RT radioactivity

MAXIMUM PERMISSIBLE LEVEL

UF mpl
 *BT1 safety standards
 RT radioactivity

maxwell-boltzmann distribution

USE boltzmann statistics

maxwell-boltzmann equation

ETDE: 2002-03-28

USE boltzmann equation

maxwell-boltzmann statistics

USE boltzmann statistics

maxwell-boltzmann system

INIS: 2000-04-12; ETDE: 1995-09-01

SEE boltzmann-vlasov equation

maxwell distribution

USE boltzmann statistics

MAXWELL EQUATIONS

*BT1 partial differential equations

RT born-infeld theory

RT electrodynamics

RT electromagnetic fields

RT field equations

RT poynting theorem

maxwell statistics

USE boltzmann statistics

maxwell velocity distribution

USE boltzmann statistics

mayaguez puerto rico l-77 reactor

1993-11-09

USE prmc-l-77 reactor

mayaguez puerto rico pool reactor

2000-04-12

USE prpr reactor

MAYAK PLANT

1996-06-26

BT1 nuclear facilities

RT fuel reprocessing plants

RT russian federation

mayflies

INIS: 1993-07-14; ETDE: 1984-02-21

USE ephemeroptera

mbe

INIS: 1994-06-27; ETDE: 1982-10-20

USE molecular beam epitaxy

MBP

INIS: 1988-08-02; ETDE: 1982-10-05

UF monobutyl phosphate

*BT1 butyl phosphates

MC GUIRE-1 REACTOR

Duke Energy Co., Huntersville, North Carolina, USA.

UF w. b. mc guire-1 reactor

*BT1 pwr type reactors

MC GUIRE-2 REACTOR

Duke Energy Co., Huntersville, North Carolina, USA.

UF w. b. mc guire-2 reactor

*BT1 pwr type reactors

mc master university nuclear reactor

1993-11-09

USE mnrc reactor

mcdowell-wellman process

INIS: 2000-04-12; ETDE: 1978-04-27

Gasification process in which the gasifier has a continuous automatic gravity coal feeding system, a revolving grate, and an elevated ash pit. The gas-making chamber is completely water-jacketed. The inner wall is made of one-inch thick steel plate and requires no brick

lining. Waste heat in the water jacket generates the required steam.

(Prior to July 1993, this was a valid ETDE descriptor.)

USE coal gasification

MCGILL SYNCHROCYCLOTRON

*BT1 synchrocyclotrons

mcmurdo sound medium power plant

3a

1993-11-09

USE pm-3a reactor

mcpp

INIS: 2000-04-12; ETDE: 1985-05-31

SEE dual-purpose power plants

MDPA

UF monododecylphosphoric acid

BT1 chelating agents

*BT1 organic acids

*BT1 phosphoric acid esters

mea (mercaptoethylamine)

ETDE: 2005-02-08

(Prior to January 2005 MEA was a valid descriptor.)

USE cysteamine

MEA LINAC

INIS: 1976-10-07; ETDE: 1976-11-01

500 MeV linac at NIKHEF, Amsterdam.

*BT1 linear accelerators

MEADOW FOAM

INIS: 1991-12-16; ETDE: 1982-03-11

UF limnanthes alba

*BT1 herbs

*BT1 magnoliopsida

RT hydrocarbons

RT lubricating oils

MEAN-FIELD THEORY

INIS: 1984-08-24; ETDE: 1984-02-10

An approach for quantum-mechanical many-body problems by definition of a mean field which is derived from the interactions of single bodies.

RT many-body problem

RT self-consistent field

RT statistical mechanics

MEAN FREE PATH

RT anomalous

RT cross sections

RT diffusion

RT geiger-nuttall law

mean life

USE lifetime

mean radiant temperature

2004-06-08

Parameter used in description of thermal comfort of building occupants; use one or more of the following descriptors.

SEE blackbody radiation

SEE thermal comfort

SEE thermodynamic properties

MEASLES

INIS: 1976-06-23; ETDE: 1976-08-24

UF german measles

UF rubeola

*BT1 viral diseases

RT measles virus

MEASLES VIRUS

INIS: 1976-06-23; ETDE: 1976-08-24

UF rubella virus

UF rubeola virus

*BT1 viruses

RT measles

MEASURE THEORY

Relates to the property of sigma algebras or Borel fields referred to as measure.

BT1 mathematics

RT graph theory

RT mathematical manifolds

RT mathematical space

RT metrics

RT periodicity

measured values

2000-03-28

USE data

measurement while drilling

INIS: 1992-08-13; ETDE: 1978-12-11

USE mwd systems

MEASURING INSTRUMENTS

Use of a more specific term is recommended.

UF instruments (measuring)

SF tensiometers

NT1 accelerometers

NT1 altimeters

NT1 anemometers

NT2 hot wire anemometers

NT2 laser doppler anemometers

NT1 bolometers

NT1 calorimeters

NT1 densimeters

NT2 pycnometers

NT1 diffractometers

NT2 gamma diffractometers

NT2 neutron diffractometers

NT2 x-ray diffractometers

NT1 displacement gages

NT1 dosimeters

NT2 albedo-neutron dosimeters

NT2 biological dosimeters

NT2 bragg gray chambers

NT2 bubble dosimeters

NT2 calorimetric dosimeters

NT2 chemical dosimeters

NT3 polymer gel dosimeters

NT2 colorimetric dosimeters

NT2 condenser ionization chambers

NT2 exoelectron dosimeters

NT2 extrapolation chambers

NT2 luminescent dosimeters

NT3 rpl dosimeters

NT3 thermoluminescent dosimeters

NT2 photographic film dosimeters

NT2 ritac dosimeters

NT2 ritad dosimeters

NT1 dynamometers

NT1 electric measuring instruments

NT2 ammeters

NT2 electrometers

NT2 electroscopes

NT2 galvanometers

NT2 potentiometers

NT2 power meters

NT2 voltmeters

NT1 ellipsometers

NT1 fire detectors

NT2 smoke detectors

NT1 fluorimeters

NT1 fluxmeters

NT2 squid devices

NT1 fuel gages

NT1 goniometers

NT1 interferometers

NT2 fabry-perot interferometer

NT2 mach-zehnder interferometer

NT2 michelson interferometer

NT1 ion-mobility detectors

NT1 level indicators

NT1 lysimeters
 NT1 magnetic balances
 NT1 magnetometers
 NT2 fluxgate magnetometers
 NT2 moving coil magnetometers
 NT2 proton precession magnetometers
 NT2 vibrating sample magnetometers
 NT1 meters
 NT2 activity meters
 NT2 carbon meters
 NT2 flowmeters
 NT3 plasma eaters
 NT2 gas meters
 NT2 heat meters
 NT2 hydrogen meters
 NT2 inclinometers
 NT2 oxygen meters
 NT2 power meters
 NT2 reactivity meters
 NT2 sulfur meters
 NT2 tritium meters
 NT1 moisture gages
 NT1 monitors
 NT2 air pollution monitors
 NT3 condensation particle counters
 NT2 beam monitors
 NT3 beam scanners
 NT3 faraday cups
 NT3 magnetoinduction sensors
 NT2 failed element monitors
 NT2 radiation monitors
 NT3 exposure ratemeters
 NT3 liquid contamination monitors
 NT3 neutron monitors
 NT3 surface contamination monitors
 NT3 survey monitors
 NT2 water pollution monitors
 NT1 multispectral scanners
 NT1 neutron activation analyzers
 NT1 noise dosimeters
 NT1 nuclear reaction analyzers
 NT1 odorometers
 NT1 penetrometers
 NT1 photometers
 NT2 densitometers
 NT1 porosimeters
 NT1 potentiostats
 NT1 pressure gages
 NT2 barometers
 NT2 hot-wire gages
 NT3 pirani gages
 NT2 vacuum gages
 NT3 ionization gages
 NT4 bayard-alpert gages
 NT4 philips gages
 NT4 radioactive ionization gages
 NT3 knudsen gages
 NT3 pirani gages
 NT1 pyranometers
 NT1 pyrheliometers
 NT1 pyrometers
 NT2 optical pyrometers
 NT1 radiation detectors
 NT2 alice detector
 NT2 atlas detector
 NT2 cbm detector
 NT2 chemical radiation detectors
 NT2 cherenkov counters
 NT2 cms detector
 NT2 compass detector
 NT2 compton diode detectors
 NT2 corona counters
 NT2 crystal counters
 NT3 filament crystal counters
 NT2 dielectric track detectors
 NT2 directional radiation detectors
 NT2 electron multiplier detectors
 NT2 emanometers
 NT2 fermilab collider detector

NT2 flow counters
 NT2 four-pi detectors
 NT2 gas track detectors
 NT3 bubble chambers
 NT4 cryogenic bubble chambers
 NT4 heavy liquid bubble chambers
 NT4 ultrasonic bubble chambers
 NT3 cloud chambers
 NT4 diffusion chambers
 NT4 expansion chambers
 NT3 spark chambers
 NT4 filmless spark chambers
 NT5 sonic spark chambers
 NT5 wire spark chambers
 NT4 projection spark chambers
 NT4 streamer spark chambers
 NT4 wide gap spark chambers
 NT2 geiger-mueller counters
 NT2 gravitational wave detectors
 NT2 hades detector
 NT2 ionization chambers
 NT3 boron coated ion chambers
 NT3 bragg gray chambers
 NT3 condenser ionization chambers
 NT3 extrapolation chambers
 NT3 fission chambers
 NT3 liquid ionization chambers
 NT3 multiwire ionization chambers
 NT2 lhcb detector
 NT2 low level counters
 NT2 neutrino detectors
 NT3 baikal neutrino telescope
 NT3 borexino detector
 NT3 icecube neutrino detector
 NT3 super-kamiokande neutrino detector
 NT2 neutron detectors
 NT3 activation detectors
 NT3 bf3 counters
 NT3 boron coated ion chambers
 NT3 boron lined counters
 NT3 fission chambers
 NT3 fission foil detectors
 NT3 fission thermocouple detectors
 NT3 he-3 counters
 NT3 moderating detectors
 NT4 bonner sphere detectors
 NT4 long counters
 NT3 proton recoil detectors
 NT3 self-powered neutron detectors
 NT3 threshold detectors
 NT2 panda detector
 NT2 phenix detector
 NT2 phobos detector
 NT2 photographic film detectors
 NT2 position sensitive detectors
 NT2 proportional counters
 NT3 bf3 counters
 NT3 boron lined counters
 NT3 he-3 counters
 NT3 liquid proportional counters
 NT3 multiwire proportional chambers
 NT4 drift chambers
 NT5 time projection chambers
 NT3 needle chambers
 NT2 pyroelectric detectors
 NT2 radiometers
 NT2 scintillation counters
 NT3 gas scintillation detectors
 NT3 liquid scintillation detectors
 NT3 scintillator-photodiode detectors
 NT3 solid scintillation detectors
 NT4 bgo detectors
 NT4 nai detectors
 NT4 plastic scintillation detectors
 NT2 secondary emission detectors
 NT2 self-powered detectors
 NT3 self-powered gamma detectors
 NT3 self-powered neutron detectors

NT2 semiconductor detectors
 NT3 bulk semiconductor detectors
 NT3 cdte semiconductor detectors
 NT3 cdznte semiconductor detectors
 NT3 ge semiconductor detectors
 NT4 high-purity ge detectors
 NT4 li-drifted ge detectors
 NT3 hgi2 semiconductor detectors
 NT3 insb semiconductor detectors
 NT3 junction detectors
 NT4 li-drifted junction detectors
 NT3 li-drifted detectors
 NT4 li-drifted ge detectors
 NT4 li-drifted junction detectors
 NT4 li-drifted si detectors
 NT3 si semiconductor detectors
 NT4 li-drifted si detectors
 NT4 si microstrip detectors
 NT3 surface barrier detectors
 NT2 shower counters
 NT2 spark counters
 NT2 stanford linear collider detector
 NT2 star detector
 NT2 superconducting colloid detectors
 NT2 tissue-equivalent detectors
 NT2 transition radiation detectors
 NT2 wall-less counters
 NT2 whole-body counters
 NT1 radiometric gages
 NT2 electron-capture detectors
 NT1 range finders
 NT2 radar
 NT3 acoustic radar
 NT3 optical radar
 NT2 sonar
 NT1 riometers
 NT1 sedimentometers
 NT1 seismic arrays
 NT1 seismic detectors
 NT1 seismographs
 NT1 spectrometers
 NT2 alpha spectrometers
 NT2 beta spectrometers
 NT2 cosmic ray spectrometers
 NT2 electron spectrometers
 NT2 electrostatic spectrometers
 NT2 epr spectrometers
 NT2 fission fragment spectrometers
 NT2 fourier transform spectrometers
 NT2 gamma spectrometers
 NT3 compton spectrometers
 NT3 moessbauer spectrometers
 NT3 pair spectrometers
 NT2 heavy ion spectrometers
 NT2 infrared spectrometers
 NT3 photoacoustic spectrometers
 NT2 magnetic spectrometers
 NT3 flat magnetic spectrometers
 NT3 magnetic lens spectrometers
 NT2 mass spectrometers
 NT3 dynamic mass spectrometers
 NT4 energy balance mass spectrometers
 NT4 time-of-flight mass spectrometers
 NT3 spark mass spectrometers
 NT3 static mass spectrometers
 NT2 missing-mass spectrometers
 NT2 multiparticle spectrometers
 NT2 neutral particle analyzers
 NT2 neutron spectrometers
 NT3 bonner sphere spectrometers
 NT2 nmr spectrometers
 NT2 optical spectrometers
 NT2 proton spectrometers
 NT2 time-of-flight spectrometers
 NT3 time-of-flight mass spectrometers
 NT2 ultraviolet spectrometers
 NT2 x-ray spectrometers

NT1 spectrophotometers
NT1 strain gages
NT1 thermocouples
NT1 thermometers
 NT2 geothermometers
 NT2 noise thermometers
NT1 thickness gages
NT1 time interval analyzers
 NT2 chronotrons
NT1 velocimeters
NT1 viscosimeters
NT1 weight indicators
 NT2 balances
 NT3 microbalances
RT dna sequencers
RT gyroscopes
RT ionosondes
RT miniaturization
RT niss facility
RT on-line measurement systems
RT probes
RT reactor instrumentation
RT recording systems
RT response functions
RT sensors
RT temperature measurement
RT time measurement
RT transducers

MEASURING METHODS

Important new measuring techniques only.

NT1 ellipsometry
NT1 thermography
 NT2 infrared thermography
RT calculation methods
RT comparative evaluations
RT dosimetry
RT fiducial markers
RT frequency measurement
RT master metering
RT metering
RT particle discrimination
RT stern-gerlach experiment

MEAT

UF bacon
UF beef
UF ham
UF pork
BT1 food
RT cattle
RT sheep
RT swine
RT trichinella

MEAT INDUSTRY

INIS: 2000-04-12; ETDE: 1977-06-21

*BT1 food industry

MECHANICAL DECLADDING

*BT1 decladding
RT cutting
RT milling

mechanical draft cooling towers

2000-04-12

(Prior to March 1997 this was a valid ETDE descriptor.)

USE cooling towers
 USE forced convection

mechanical effects

2000-04-12

(Prior to September 1981, this was a valid ETDE descriptor.)

USE mechanical properties

MECHANICAL EFFICIENCY

BT1 efficiency
RT gears

MECHANICAL ENERGY STORAGE EQUIPMENT

INIS: 2000-04-12; ETDE: 1979-08-07

NT1 flywheels
NT1 hydraulic accumulators
RT energy storage
RT energy storage systems

MECHANICAL ENGINEERING

INIS: 1999-02-15; ETDE: 1982-07-08

BT1 engineering

MECHANICAL FILTERS

1999-07-29

BT1 filters
NT1 granular bed filters

mechanical fragmentation

INIS: 1995-09-08; ETDE: 2002-03-28

(Until August 1995 this was a valid term.)

USE fragmentation

MECHANICAL HEART

BT1 artificial organs
 *BT1 prostheses
RT blood circulation
RT cardiac pacemakers
RT heart
RT radioisotope batteries

MECHANICAL IMPEDANCE

INIS: 1975-11-07; ETDE: 1975-12-16

BT1 impedance

mechanical kidney

INIS: 2000-04-12; ETDE: 1977-06-02

(Prior to March 1996 this was a valid ETDE descriptor.)

USE artificial organs
 USE kidneys

MECHANICAL POLISHING

*BT1 polishing

MECHANICAL PROPERTIES

UF mechanical effects
UF properties (mechanical)
NT1 brittleness
NT1 compressibility
NT1 compression strength
NT1 creep
NT1 dilatancy
NT1 elasticity
 NT2 photoelasticity
 NT2 thermoelasticity
NT1 fatigue
 NT2 corrosion fatigue
 NT2 thermal fatigue
NT1 flexural strength
NT1 fracture properties
NT1 hardness
 NT2 microhardness
NT1 impact strength
NT1 plasticity
NT1 poisson ratio
NT1 shear properties
NT1 tensile properties
 NT2 ductility
 NT2 flexibility
NT1 ultimate strength
NT1 wear resistance
NT1 yield strength
NT1 young modulus
RT acoustic microscopy
RT deformation
RT destructive testing
RT physical metallurgy
RT rheology
RT rock mechanics
RT stresses
RT thermal degradation

MECHANICAL SHAFTS

INIS: 1976-09-06; ETDE: 1987-02-20

(From January 1975 till March 1997 SHAFTS was a valid ETDE descriptor.)

UF shafts (mechanical)
BT1 machine parts

MECHANICAL STRUCTURES

UF columns (mechanical)
UF structures (mechanics)
UF towers (structures)
SF towers
NT1 bridges
NT1 domed structures
NT1 honeycomb structures
NT1 intake structures
NT1 outlet structures
NT1 power transmission towers
NT1 roofs
 NT2 green roofs
NT1 supports
 NT2 foundations
 NT2 fuel racks
 NT2 powered supports
 NT3 shield supports
RT buildings
RT construction
RT modular structures
RT ratcheting
RT response functions
RT shells
RT soil-structure interactions

MECHANICAL TESTS

See also descriptors for the properties tested.

*BT1 materials testing
NT1 impact tests
 NT2 charpy test
RT dynamic loads
RT static loads
RT strain gages
RT stress intensity factors
RT stresses
RT thermal cycling
RT wear

MECHANICAL TRANSMISSIONS

1992-03-11

BT1 machine parts
RT automobiles
RT gears
RT vehicles

MECHANICAL VIBRATIONS

(From February 1976 till March 1997

PENDULUMS was a valid ETDE descriptor.)

UF vibrations (mechanical)
SF pendulums
RT amplitudes
RT damping
RT dynamic loads
RT harmonics
RT hydrodynamic mass effect
RT oscillations
RT springs
RT standing waves
RT travelling waves

MECHANICS

UF translation (mechanical)
NT1 classical mechanics
NT1 dynamics
 NT2 beam dynamics
 NT3 beam bunching
 NT3 betatron oscillations
 NT3 phase oscillations
 NT3 synchrotron oscillations
NT1 electromechanics
NT1 fluid mechanics
 NT2 aerodynamics

NT2 electrogasdynamics
 NT2 hydraulics
 NT3 thermal hydraulics
 NT2 hydrodynamics
 NT3 electrohydrodynamics
 NT3 magnetohydrodynamics
 NT2 magnetogasdynamics
 NT2 nanofluidics
 NT2 pneumatics
 NT1 fracture mechanics
 NT1 quantum mechanics
 NT1 rock mechanics
 NT1 soil mechanics
 NT1 statistical mechanics
 RT action integral
 RT anharmonic oscillators
 RT canonical transformations
 RT center-of-mass system
 RT degrees of freedom
 RT equations of motion
 RT galilei transformations
 RT hamilton-jacobi equations
 RT harmonic oscillators
 RT kinetics
 RT laboratory system
 RT lagrange equations
 RT lagrangian function
 RT moment of inertia
 RT physical metallurgy
 RT surface forces
 RT virial theorem

medec process

INIS: 2000-04-12; ETDE: 1980-08-25

A process for removal of elemental sodium from LMFBF radioactive wastes.

(Prior to January 1995, this was a valid ETDE descriptor.)

SEE lmfbf type reactors

SEE radioactive waste processing

MEDIASTINUM

*BT1 chest
 RT aorta
 RT esophagus
 RT heart
 RT pleura
 RT thymus
 RT trachea

mediation

INIS: 2000-04-12; ETDE: 1981-03-17

Intervention between conflicting parties to promote reconciliation, settlement, or compromise.

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE arbitration

SEE dispute settlements

SEE negotiation

medical centers

INIS: 2000-04-12; ETDE: 1977-12-22

(Prior to July 1985, this was a valid ETDE descriptor.)

USE medical establishments

MEDICAL ESTABLISHMENTS

INIS: 1976-12-08; ETDE: 1979-09-26

UF medical centers

NT1 hospitals

RT buildings

RT health services

RT public health

MEDICAL EXAMINATIONS

INIS: 1976-12-08; ETDE: 1978-07-05

BT1 medical surveillance

RT diagnosis

RT preventive medicine

MEDICAL PERSONNEL

BT1 personnel

NT1 radiological personnel

RT medicine

MEDICAL RECORDS

INIS: 1976-12-08; ETDE: 1979-05-25

RT medical surveillance

medical research reactor, bnl

INIS: 1984-06-21; ETDE: 2002-03-28

USE mrr reactor

MEDICAL SUPPLIES

NT1 prostheses

NT2 mechanical heart

NT1 surgical materials

RT drugs

RT isomed

RT medicine

MEDICAL SURVEILLANCE

(Prior to May 1996 SURVEILLANCE was a valid ETDE descriptor.)

UF surveillance (medical)

SF surveillance

NT1 medical examinations

RT contamination

RT delayed radiation effects

RT dose commitments

RT medical records

RT personnel

RT personnel monitoring

RT preventive medicine

RT radiation doses

MEDICINAL PLANTS

1996-11-13

UF atropa belladonna

BT1 plants

NT1 aloe

NT1 castor

NT1 digitalis

NT1 papaver somniferum

RT alkaloids

RT drugs

MEDICINE

UF internal medicine

NT1 acupuncture

NT1 balneology

NT1 dentistry

NT1 gynecology

NT1 hematology

NT1 industrial medicine

NT1 neurology

NT1 nuclear medicine

NT2 radiology

NT3 biomedical radiography

NT4 fluoroscopy

NT4 ionographic imaging

NT4 osteodensitometry

NT4 renography

NT3 radiotherapy

NT4 afterloading

NT4 brachytherapy

NT5 radioembolization

NT4 ct-guided radiotherapy

NT4 external beam radiation therapy

NT4 neutron therapy

NT5 neutron capture therapy

NT4 radioimmunotherapy

NT1 ophthalmology

NT1 pediatrics

NT1 preventive medicine

NT1 surgery

NT2 adrenalectomy

NT2 castration

NT2 gastrectomy

NT2 hepatectomy

NT2 hypophysectomy

NT2 laryngectomy

NT2 nephrectomy

NT2 plastic surgery

NT2 splenectomy

NT2 thymectomy

NT2 thyroidectomy

NT1 therapy

NT2 chemotherapy

NT2 combined therapy

NT2 first aid

NT2 gene therapy

NT2 immunotherapy

NT3 radioimmunotherapy

NT2 post-irradiation therapy

NT2 radiotherapy

NT3 afterloading

NT3 brachytherapy

NT4 radioembolization

NT3 ct-guided radiotherapy

NT3 external beam radiation therapy

NT3 neutron therapy

NT4 neutron capture therapy

NT3 radioimmunotherapy

NT2 transfusions

NT1 tropical medicine

NT1 veterinary medicine

RT anesthesia

RT biology

RT diagnosis

RT diagnostic techniques

RT diagnostic uses

RT diseases

RT hospitals

RT medical personnel

RT medical supplies

RT pathology

RT patients

RT who

medicines

USE drugs

mediterranean fruit fly

ETDE: 2000-08-10

USE ceratitis capitata

MEDITERRANEAN SEA

*BT1 seas

NT1 adriatic sea

NT1 aegean sea

RT cyprus

RT malta

MEDIUM-BETA PLASMA

Beta from 0.01 to 0.1.

BT1 plasma

RT beta ratio

MEDIUM-HEAD HYDROELECTRIC POWER PLANTS

INIS: 1993-12-30; ETDE: 1978-08-08

Heads of 15 to 150 meters.

*BT1 hydroelectric power plants

medium-level wastes

INIS: 1979-04-27; ETDE: 2002-03-28

USE intermediate-level radioactive wastes

medium pressure

(Prior to November 2003 this was a valid descriptor.)

SEE pressure range kilo pa

SEE pressure range mega pa 01-10

medium temperature

1992-01-23

(Prior to February 1992, this was a valid ETDE descriptor.)

USE temperature range 0273-0400 k

medium vacuum

(Prior to November 2003 this was a valid descriptor.)

SEE pressure range milli pa
SEE pressure range pa

MEDIUM WAVE RADIATION

*BT1 radiowave radiation

MEETINGS

1996-05-14

UF conferences
UF symposia
RT hearings
RT proceedings

meg (mercaptoethylguanidine)

ETDE: 2005-01-28

(Prior to January 2005 MEG was a valid descriptor.)

USE mercaptoethylguanidine

MEGA AMP BEAM CURRENTS

INIS: 1976-10-07; ETDE: 1976-07-07

From 10 exp 6 to 10 exp 9 amp.

*BT1 beam currents

MEGA BQ RANGE

2012-05-31

BT1 radioactivity range
NT1 mega bq range 01-10
NT1 mega bq range 10-100
NT1 mega bq range 100-1000

MEGA BQ RANGE 01-10

2014-10-29

*BT1 mega bq range

MEGA BQ RANGE 10-100

2014-10-29

*BT1 mega bq range

MEGA BQ RANGE 100-1000

2014-10-29

*BT1 mega bq range

MEGA GY RANGE

2014-06-27

*BT1 absorbed dose range

megakaryocytes

USE bone marrow cells

MEGALOBLASTIC ANEMIA

*BT1 anemias

RT erythrocytes

megatron

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE linear pinch devices

MEGAWATT POWER RANGE

INIS: 1988-04-15; ETDE: 1989-08-10

BT1 power range
NT1 power range 01-10 mw
NT1 power range 10-100 mw
NT1 power range 100-1000 mw

mehrzweck-forschungsreaktor

USE mzfr reactor

meinzer unit

INIS: 1983-06-30; ETDE: 2002-03-28

USE hydraulic conductivity

MEIOSIS

BT1 cell division
RT crossing-over
RT gametogenesis
RT gene recombination proteins
RT mutations

MEISSNER-OSCHENFELD EFFECT

RT superconductivity

MEITNERIUM

2004-03-19

(Prior to March 2004 ELEMENT 109 was used for this element.)

UF *eka-iridium*
UF *element 109*
UF *unnilennium*
*BT1 transactinide elements

MEITNERIUM 265

2007-03-13

*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei

MEITNERIUM 266

2004-03-19

(Prior to March 2004 ELEMENT 109 266 was used for this concept.)

UF *element 109 266*
*BT1 alpha decay radioisotopes
*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 microseconds living radioisotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 spontaneous fission radioisotopes

MEITNERIUM 267

2007-03-13

*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei

MEITNERIUM 268

2004-03-19

(Prior to March 2004 ELEMENT 109 268 was used for this concept.)

UF *element 109 268*
*BT1 alpha decay radioisotopes
*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei

MEITNERIUM 270

2007-03-13

*BT1 alpha decay radioisotopes
*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei

MEITNERIUM 271

2007-03-13

*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes

MEITNERIUM 272

2007-03-13

*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes

MEITNERIUM 273

2007-03-13

*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes

MEITNERIUM 274

2007-03-13

*BT1 heavy nuclei

*BT1 meitnerium isotopes
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes

MEITNERIUM 275

2007-03-13

*BT1 alpha decay radioisotopes
*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei

MEITNERIUM 276

2007-03-13

*BT1 alpha decay radioisotopes
*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei

MEITNERIUM 279

2007-03-13

*BT1 heavy nuclei
*BT1 meitnerium isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei

MEITNERIUM COMPOUNDS

2010-01-22

UF *element 109 compounds*
*BT1 transactinide compounds

MEITNERIUM IONS

2018-01-24

*BT1 ions

MEITNERIUM ISOTOPES

2004-03-19

(Prior to March 2004 ELEMENT 109 ISOTOPES was used for this concept.)

UF *element 109 isotopes*
BT1 isotopes
NT1 meitnerium 265
NT1 meitnerium 266
NT1 meitnerium 267
NT1 meitnerium 268
NT1 meitnerium 270
NT1 meitnerium 271
NT1 meitnerium 272
NT1 meitnerium 273
NT1 meitnerium 274
NT1 meitnerium 275
NT1 meitnerium 276
NT1 meitnerium 279

MELAMINE

*BT1 amines
*BT1 triazines
RT organic polymers

MELANIN

UF *melanocytes*
*BT1 hydroxy compounds
*BT1 organic nitrogen compounds
BT1 pigments
RT hair
RT methyl tyrosine
RT skin
RT tyrosine

melanocytes

USE animal cells
USE melanin

MELANOMAS

*BT1 epitheliomas

MELANOVANADITE

2000-04-12

*BT1 oxide minerals
*BT1 radioactive minerals
RT calcium oxides
RT vanadium oxides

MELATONIN

- *BT1 tryptamines
- RT pineal gland

melekess-arbus reactor

- USE arbus reactor

melekess-mir reactor

- USE mir reactor

melekess-sm-2 reactor

- USE sm-2 reactor

melibiose

1996-06-28

(Until June 1996 this was a valid descriptor.)

- USE disaccharides

melilotic acid

INIS: 1996-06-28; ETDE: 2002-03-28

(Until June 1996 this was a valid descriptor.)

- USE hydroxy acids

MELLIN TRANSFORM

- *BT1 integral transformations

MELLITIC ACID

- *BT1 carboxylic acids

MELOSH TRANSFORMATION

- BT1 transformations
- RT hadrons
- RT quantum field theory
- RT quarks

melt refining process

INIS: 1980-07-24; ETDE: 1979-12-10

- USE pyrochemical reprocessing

MELT-THROUGH

2017-07-18

- UF reactor pressure vessel failure
- *BT1 meltdown
- RT core catchers

MELTDOWN

- UF core melt
- *BT1 reactor accidents
- *BT1 severe accidents
- NT1 melt-through
- RT core catchers
- RT corium
- RT source terms

MELTING

Changing a substance from solid to liquid form by addition of heat.

- UF fusion (melting)
- BT1 phase transformations
- NT1 electron beam melting
- NT1 vacuum melting
- NT1 zone melting
- RT casting
- RT crucibles
- RT defrosting
- RT freezing
- RT furnaces
- RT heating
- RT liquefaction
- RT melting points
- RT metallurgical flux
- RT smelting
- RT solidification
- RT subterrene penetrators
- RT thawing
- RT welding

MELTING POINTS

- UF freezing points
- *BT1 transition temperature
- RT freeze protection
- RT melting

- RT phase diagrams
- RT supercooling
- RT superheating

MELUSINE-1 REACTOR

CEA-Grenoble Nuclear Studies Centre, Grenoble Cedex, France. Decommissioned since 2010.

- UF grenoble reactor melusine-1
- *BT1 enriched uranium reactors
- *BT1 isotope production reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 thermal reactors
- *BT1 training reactors

melusine-2 reactor

- USE siloette reactor

MEMBER STATES

Countries participating in an international organization.

- RT international organizations

MEMBRANE PORES

INIS: 2000-04-12; ETDE: 1985-08-22

- RT cell membranes
- RT membrane transport

MEMBRANE PROTEINS

INIS: 2000-04-12; ETDE: 1987-10-26

- *BT1 proteins
- NT1 porins
- NT1 receptors
- NT1 thylakoid membrane proteins
- NT2 phycobiliproteins
- NT3 phycocyanin
- RT antigens
- RT gtp-ases
- RT lipoproteins
- RT membrane transport

membrane theory

2007-08-13

This term is used with different meanings in biological science and high-energy physics.

- SEE cell membranes
- SEE m-theory

MEMBRANE TRANSPORT

INIS: 1986-07-09; ETDE: 1976-03-22

- RT calmodulin
- RT diffusion
- RT mass transfer
- RT membrane pores
- RT membrane proteins
- RT membranes
- RT osmosis
- RT porins
- RT supported liquid membranes

MEMBRANES

- UF ion exchange membranes
- NT1 cell membranes
- NT2 myelin
- NT1 fetal membranes
- NT2 placenta
- NT1 meninges
- NT1 mucous membranes
- NT2 conjunctiva
- NT1 photosynthetic membranes
- NT1 serous membranes
- NT2 mesentery
- NT2 pericardium
- NT2 peritoneum
- NT2 pleura
- NT1 supported liquid membranes
- RT dialysis
- RT membrane transport
- RT osmosis
- RT permeability

MEMORY DEVICES

- UF data storage devices
- UF punched cards
- UF storage devices (data)
- NT1 cryogenic storage devices
- NT1 magnetic storage devices
- NT2 magnetic cores
- NT2 magnetic disks
- NT2 magnetic drums
- NT2 magnetic tapes
- NT3 video tapes
- NT1 semiconductor storage devices
- NT1 thin film storage devices
- RT punched tapes
- RT quantum cryptography

MEMORY MANAGEMENT

INIS: 1992-08-18; ETDE: 1987-04-24

The task of assigning a computer's main storage within a multitasking environment.

- *BT1 data processing
- RT computers
- RT executive codes
- RT parallel processing
- RT programming

MEMS

2014-08-20

Micro-Electro-Mechanical Systems

- UF microelectromechanical systems
- RT microelectronics
- RT nems

MEN

- BT1 males
- *BT1 man
- RT adults

mendelev periodic system

- USE periodic system

MENDELEVium

- *BT1 actinides
- *BT1 transplutonium elements

MENDELEVium 245

2007-11-22

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 microseconds living radioisotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes

MENDELEVium 246

2007-11-22

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 spontaneous fission radioisotopes

MENDELEVium 247

INIS: 1986-06-09; ETDE: 1982-03-11

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 mendelevium isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

MENDELEVium 248

1980-07-24

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

MENDELEVIUM 249*1977-01-25*

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

MENDELEVIUM 250

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

MENDELEVIUM 251*1977-01-26*

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

MENDELEVIUM 252

- *BT1 actinide nuclei
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

MENDELEVIUM 253*INIS: 1977-01-26; ETDE: 1976-11-01*

- *BT1 actinide nuclei
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

MENDELEVIUM 254

- *BT1 actinide nuclei
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

MENDELEVIUM 255

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

MENDELEVIUM 256

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 mendelevium isotopes
- *BT1 odd-odd nuclei

MENDELEVIUM 257

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 mendelevium isotopes
- *BT1 odd-even nuclei

MENDELEVIUM 258

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 mendelevium isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

MENDELEVIUM 259

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 mendelevium isotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes

MENDELEVIUM 260*INIS: 1986-03-04; ETDE: 1985-04-09*

- *BT1 actinide nuclei
- *BT1 mendelevium isotopes
- *BT1 odd-odd nuclei

MENDELEVIUM 261*INIS: 1987-02-25; ETDE: 1987-05-01*

- *BT1 actinide nuclei
- *BT1 mendelevium isotopes
- *BT1 odd-even nuclei

MENDELEVIUM 262*2007-11-22*

- *BT1 actinide nuclei
- *BT1 mendelevium isotopes
- *BT1 odd-odd nuclei

MENDELEVIUM ADDITIONS*2000-04-12*

- RT* mendelevium compounds

MENDELEVIUM COMPLEXES

- *BT1 actinide complexes
- *BT1 transuranium complexes

MENDELEVIUM COMPOUNDS*1996-06-28*

- BT1 actinide compounds
- *BT1 transplutonium compounds
- NT1 mendelevium oxides
- RT* mendelevium additions

MENDELEVIUM IONS*2018-01-24*

- *BT1 ions

MENDELEVIUM ISOTOPES*1999-07-16*

- BT1 isotopes
- NT1 mendelevium 245
- NT1 mendelevium 246
- NT1 mendelevium 247
- NT1 mendelevium 248
- NT1 mendelevium 249
- NT1 mendelevium 250
- NT1 mendelevium 251
- NT1 mendelevium 252
- NT1 mendelevium 253
- NT1 mendelevium 254
- NT1 mendelevium 255
- NT1 mendelevium 256
- NT1 mendelevium 257
- NT1 mendelevium 258
- NT1 mendelevium 259
- NT1 mendelevium 260
- NT1 mendelevium 261
- NT1 mendelevium 262

MENDELEVIUM OXIDES*1996-06-28*

(From June 1996 to November 2007

MENDELEVIUM COMPOUNDS + OXIDES was used for this concept.)

- *BT1 mendelevium compounds
- *BT1 oxides

MENDOCINO-1 REACTOR*Mendocino, California, USA. Canceled before construction began.*

- *BT1 bwr type reactors

MENDOCINO-2 REACTOR*Mendocino, California, USA. Canceled before construction began.*

- *BT1 bwr type reactors

MENDOZA

- *BT1 argentina

MENINGES

- BT1 membranes
- RT* central nervous system
- RT* meningococcus

MENINGOCOCCUS

- *BT1 bacteria
- RT* meninges
- RT* nervous system diseases

MENOMINEE RIVER*INIS: 2000-04-12; ETDE: 1980-12-08*

- *BT1 rivers
- RT* hydroelectric power plants
- RT* michigan
- RT* wisconsin

MENOPAUSE

- RT* age dependence
- RT* estrous cycle
- RT* fertility
- RT* menstrual cycle
- RT* menstruation disorders

menorrhagia

- USE menstruation disorders

MENSTRUAL CYCLE*INIS: 1984-10-23; ETDE: 1984-11-08*

- RT* estrous cycle
- RT* female genitals
- RT* fertility
- RT* menopause
- RT* menstruation disorders
- RT* ovulation
- RT* rhythmicity

MENSTRUATION DISORDERS

- UF amenorrhea
- UF menorrhagia
- *BT1 urogenital system diseases
- RT* endocrine diseases
- RT* estrous cycle
- RT* female genitals
- RT* menopause
- RT* menstrual cycle
- RT* reproductive disorders

MENTAL DISORDERS

- UF psychoses
- RT* behavior
- RT* brain
- RT* central nervous system agents
- RT* nervous system diseases
- RT* psychotropic drugs

meperidine*INIS: 2000-04-12; ETDE: 1981-04-20*

- USE pethidine

merc process*INIS: 2000-04-12; ETDE: 1978-07-05**Fixed bed, high temperature gasification process (using stirring) for caking coals.*

(Prior to March 1994, this was a valid ETDE descriptor.)

- USE coal gasification

mercamine

- USE cysteamine

mercaptans

- USE thiols

mercaptoalanine-beta

USE cysteine

mercaptoaminoisovaleric acid

USE penicillamine

mercaptoethylamine

USE cysteamine

MERCAPTOETHYLGUANIDINE*ETDE: 2005-01-28*

(Prior to January 2005 MEG was used for this concept.)

UF meg (mercaptoethylguanidine)

*BT1 carbonic acid derivatives

*BT1 radioprotective substances

*BT1 thiols

RT guanidines**MERCAPTOPROPYLAMINE**

*BT1 radioprotective substances

MERCAPTOPURINE

*BT1 antimetabolites

*BT1 purines

*BT1 thiols

mercaptovaline

USE penicillamine

MERCIER CRITERION*INIS: 1985-10-23; ETDE: 1985-11-19**RT* flute instability*RT* grad-shafranov equation*RT* magnetohydrodynamics*RT* plasma instability*RT* suydam criterion**mercuric iodide detectors***INIS: 1975-12-09; ETDE: 2002-03-28*

USE hgi2 semiconductor detectors

MERCURY

*BT1 metals

MERCURY 171*2007-11-22*

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 microseconds living radioisotopes

MERCURY 172*2007-11-22*

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 microseconds living radioisotopes

MERCURY 173*2007-11-22*

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 microseconds living radioisotopes

MERCURY 174*2007-11-22*

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 milliseconds living radioisotopes

MERCURY 175*1983-09-01*

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 milliseconds living radioisotopes

MERCURY 176*1983-09-01*

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 milliseconds living radioisotopes

MERCURY 177*INIS: 1976-05-07; ETDE: 1976-08-04*

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 milliseconds living radioisotopes

MERCURY 178

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 milliseconds living radioisotopes

MERCURY 179

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 seconds living radioisotopes

MERCURY 180

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 mercury isotopes

*BT1 seconds living radioisotopes

MERCURY 181

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 seconds living radioisotopes

MERCURY 182

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 seconds living radioisotopes

MERCURY 183

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 seconds living radioisotopes

MERCURY 184

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 seconds living radioisotopes

MERCURY 185

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 seconds living radioisotopes

MERCURY 186

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 minutes living radioisotopes

MERCURY 187

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 minutes living radioisotopes

MERCURY 188

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 minutes living radioisotopes

MERCURY 189

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 minutes living radioisotopes

MERCURY 190

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 minutes living radioisotopes

MERCURY 191

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 minutes living radioisotopes

MERCURY 192

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 mercury isotopes

MERCURY 193

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 internal conversion radioisotopes

*BT1 isomeric transition isotopes

*BT1 mercury isotopes

MERCURY 193 TARGET*INIS: 1992-09-23; ETDE: 1981-05-18*

BT1 targets

MERCURY 194

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 mercury isotopes

*BT1 years living radioisotopes

MERCURY 195

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 mercury isotopes

MERCURY 196

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes
 *BT1 stable isotopes

MERCURY 196 TARGET

INIS: 1984-06-21; ETDE: 1984-07-10
 BT1 targets

MERCURY 197

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 mercury isotopes

MERCURY 198

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes
 *BT1 stable isotopes

MERCURY 198 TARGET

ETDE: 1976-07-09
 BT1 targets

MERCURY 199

*BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 mercury isotopes
 *BT1 minutes living radioisotopes
 *BT1 stable isotopes

MERCURY 199 TARGET

ETDE: 1976-07-09
 BT1 targets

MERCURY 200

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes
 *BT1 stable isotopes

MERCURY 200 TARGET

ETDE: 1976-07-09
 BT1 targets

MERCURY 201

*BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 isomeric transition isotopes
 *BT1 mercury isotopes
 *BT1 microseconds living radioisotopes
 *BT1 stable isotopes

MERCURY 201 TARGET

ETDE: 1976-07-09
 BT1 targets

MERCURY 202

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes
 *BT1 stable isotopes

MERCURY 202 TARGET

ETDE: 1976-07-09
 BT1 targets

MERCURY 203

*BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes

MERCURY 204

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes
 *BT1 stable isotopes

MERCURY 204 TARGET

ETDE: 1976-07-09
 BT1 targets

MERCURY 205

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes
 *BT1 minutes living radioisotopes

MERCURY 206

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes
 *BT1 minutes living radioisotopes

MERCURY 206 TARGET

1980-05-14
 BT1 targets

MERCURY 207

*BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes

MERCURY 208

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes

MERCURY 209

*BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes

MERCURY 210

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes

MERCURY 211

*BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes

MERCURY 212

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 mercury isotopes

MERCURY ADDITIONS

Alloys containing not more than 1% Hg are listed here.

*BT1 mercury alloys

MERCURY ALLOYS

Alloys containing more than 1% Hg.

UF amalgams

BT1 alloys

NT1 mercury additions

NT1 mercury base alloys

MERCURY BASE ALLOYS

*BT1 mercury alloys

MERCURY BROMIDES

*BT1 bromides
 *BT1 mercury halides

MERCURY CARBIDES

2013-05-15

*BT1 carbides
 BT1 mercury compounds

MERCURY CHLORIDES

*BT1 chlorides
 *BT1 mercury halides

MERCURY COMPLEXES

BT1 complexes

MERCURY COMPOUNDS

1997-06-17

NT1 mercury carbides
 NT1 mercury halides
 NT2 mercury bromides
 NT2 mercury chlorides
 NT2 mercury fluorides
 NT2 mercury iodides
 NT1 mercury hydrides
 NT1 mercury nitrates
 NT1 mercury oxides
 NT1 mercury perchlorates
 NT1 mercury selenides
 NT1 mercury sulfates
 NT1 mercury sulfides
 NT1 mercury tellurides
 RT organic mercury compounds

MERCURY COOLED REACTORS

*BT1 liquid metal cooled reactors
 NT1 clementine reactor
 NT1 sbr-2 reactor

MERCURY FLUORIDES

*BT1 fluorides
 *BT1 mercury halides

MERCURY HALIDES

1988-11-16

*BT1 halides
 BT1 mercury compounds
 NT1 mercury bromides
 NT1 mercury chlorides
 NT1 mercury fluorides
 NT1 mercury iodides

MERCURY HYDRIDES

INIS: 1987-03-24; ETDE: 1987-11-24

*BT1 hydrides
 BT1 mercury compounds

MERCURY IODIDES

*BT1 iodides
 *BT1 mercury halides

MERCURY IONS

*BT1 ions

MERCURY ISOTOPES

1999-07-16

BT1 isotopes
 NT1 mercury 171
 NT1 mercury 172
 NT1 mercury 173
 NT1 mercury 174
 NT1 mercury 175
 NT1 mercury 176
 NT1 mercury 177
 NT1 mercury 178
 NT1 mercury 179
 NT1 mercury 180
 NT1 mercury 181
 NT1 mercury 182
 NT1 mercury 183
 NT1 mercury 184
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NT1 mercury 186
NT1 mercury 187
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NT1 mercury 196
NT1 mercury 197
NT1 mercury 198
NT1 mercury 199
NT1 mercury 200
NT1 mercury 201
NT1 mercury 202
NT1 mercury 203
NT1 mercury 204
NT1 mercury 205
NT1 mercury 206
NT1 mercury 207
NT1 mercury 208
NT1 mercury 209
NT1 mercury 210
NT1 mercury 211
NT1 mercury 212

MERCURY NITRATES

BT1 mercury compounds
***BT1** nitrates

MERCURY OXIDES

BT1 mercury compounds
***BT1** oxides

MERCURY PERCHLORATES

INIS: 2000-04-12; ETDE: 1978-03-03
BT1 mercury compounds
***BT1** perchlorates

MERCURY PLANET

BT1 planets

MERCURY SELENIDES

1976-03-02
BT1 mercury compounds
***BT1** selenides

MERCURY SULFATES

BT1 mercury compounds
***BT1** sulfates

MERCURY SULFIDES

BT1 mercury compounds
***BT1** sulfides
RT sulfide minerals

MERCURY TELLURIDES

BT1 mercury compounds
***BT1** tellurides

MERISTEMS

UF cambium
BT1 plant tissues

merlin-juelich reactor

USE frj-1 reactor

MERLIN REACTOR

2000-04-12
Decommissioned since 2007.
UF aldermaston reactor merlin
UF ukaea-merlin reactor
***BT1** enriched uranium reactors
***BT1** materials testing reactors
***BT1** pool type reactors
***BT1** research reactors
***BT1** thermal reactors
***BT1** training reactors

MERONS

INIS: 1983-02-03; ETDE: 1978-10-23
Class of solutions of certain field equations;
merons appear as particles with one-half unit
of topological charge.
BT1 quasi particles
RT field equations
RT instantons
RT quark model
RT thirring model

MESENTERY

UF omentum
***BT1** serous membranes
RT peritoneum
RT small intestine

MESH GENERATION

INIS: 1982-10-29; ETDE: 1979-12-10
Procedure of preparing coordinate grid for
complex calculations, e.g. neutron transport
calculations.
RT boundary element method
RT computer calculations
RT coordinates
RT finite difference method
RT finite element method
RT mathematics
RT nodal expansion method

MESIC ATOMS

UF mesoatoms
***BT1** hadronic atoms
NT1 kaonic atoms
NT1 pionic atoms
RT mesic molecules
RT mesons
RT muonic atoms
RT pi-k atoms
RT pi-mu atoms

MESIC MOLECULES

BT1 molecules
NT1 muonic molecules
RT mesic atoms
RT mesons

MESITYL RADICALS

***BT1** aryl radicals

MESITYLENE

UF 1,3,5-trimethylbenzene
UF trimethylbenzene-sym
***BT1** alkylated aromatics

mesoatoms

USE mesic atoms

mesocricetus

USE hamsters

MESODIALYTE

2000-04-12
***BT1** silicate minerals
RT niobium silicates
RT zirconium silicates

MESON-BARYON INTERACTIONS

***BT1** hadron-hadron interactions
NT1 meson-hyperon interactions
NT2 kaon-hyperon interactions
NT2 pion-hyperon interactions
NT1 meson-nucleon interactions
NT2 kaon-nucleon interactions
NT3 kaon-neutron interactions
NT4 kaon minus-neutron interactions
NT4 kaon neutral-neutron interactions
NT4 kaon plus-neutron interactions
NT3 kaon-proton interactions
NT4 kaon minus-proton interactions
NT4 kaon neutral-proton interactions

NT4 kaon plus-proton interactions
NT2 pion-nucleon interactions
NT3 pion-neutron interactions
NT4 pion minus-neutron interactions
NT4 pion plus-neutron interactions
NT3 pion-proton interactions
NT4 pion minus-proton interactions
NT4 pion plus-proton interactions

MESON BEAMS

***BT1** particle beams
NT1 eta meson beams
NT1 kaon beams
NT1 pion beams

meson-deuteron interactions

USE deuterium target
USE meson reactions

meson exchange

INIS: 2000-04-12; ETDE: 1979-02-23
USE boson-exchange models

MESON FACTORIES

BT1 accelerators
NT1 lampf ii synchrotron
NT1 lampf linac
NT1 pigmi facilities

MESON-HYPERON INTERACTIONS

***BT1** meson-baryon interactions
NT1 kaon-hyperon interactions
NT1 pion-hyperon interactions

MESON-MESON INTERACTIONS

***BT1** hadron-hadron interactions
NT1 kaon-kaon interactions
NT1 pion-kaon interactions
NT1 pion-pion interactions

MESON NONETS

***BT1** particle multiplets
RT pseudoscalar mesons
RT tensor mesons
RT vector mesons

MESON-NUCLEON INTERACTIONS

***BT1** meson-baryon interactions
NT1 kaon-nucleon interactions
NT2 kaon-neutron interactions
NT3 kaon minus-neutron interactions
NT3 kaon neutral-neutron interactions
NT3 kaon plus-neutron interactions
NT2 kaon-proton interactions
NT3 kaon minus-proton interactions
NT3 kaon neutral-proton interactions
NT3 kaon plus-proton interactions
NT1 pion-nucleon interactions
NT2 pion-neutron interactions
NT3 pion minus-neutron interactions
NT3 pion plus-neutron interactions
NT2 pion-proton interactions
NT3 pion minus-proton interactions
NT3 pion plus-proton interactions

MESON OCTETS

***BT1** particle multiplets

MESON REACTIONS

UF meson-deuteron interactions
***BT1** charged-particle reactions
***BT1** hadron reactions
NT1 kaon reactions
NT2 kaon minus reactions
NT2 kaon neutral reactions
NT2 kaon plus reactions
NT1 pion reactions
NT2 pion minus reactions
NT2 pion plus reactions

meson resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE mesons

MESON SPECTROSCOPY

BT1 spectroscopy

RT mesons

MESONSUF *a resonances*UF *a2h-1320 resonances*UF *a2l-1280 resonances*UF *c-1430 resonances*UF *chi-2800 resonances*UF *chi-3455 resonances*UF *chi resonances*UF *delta resonances (meson)*UF *epsilon resonances*UF *eta-700 resonances*UF *f-1540 resonances*UF *kappa-725 resonances*UF *meson resonances*UF *omega-1778 resonances*UF *pi-1016 resonances*UF *psi-4300 resonances*UF *psi resonances*UF *r-1650 resonances*UF *rho-1500 resonances*UF *rho-1700 resonances*UF *s-1000 resonances*UF *x-2830 resonances*

BT1 bosons

*BT1 hadrons

NT1 antimesons

NT2 pseudoscalar antimesons

NT3 anti-b neutral mesons

NT3 anti-d neutral mesons

NT1 axial vector mesons

NT2 a1-1260 mesons

NT2 b1-1235 mesons

NT2 chi b1-9890 mesons

NT2 chi1-3510 mesons

NT2 d s-2536 mesons

NT2 d1-2420 mesons

NT2 f1-1285 mesons

NT2 f1-1420 mesons

NT2 f1-1510 mesons

NT2 h1-1170 mesons

NT2 k1-1270 mesons

NT2 k1-1400 mesons

NT1 baryonium

NT1 beauty mesons

NT2 b c mesons

NT2 b mesons

NT3 b minus mesons

NT3 b neutral mesons

NT4 anti-b neutral mesons

NT3 b plus mesons

NT2 b s mesons

NT2 b*-5325 mesons

NT1 bottomonium

NT2 chi b0-10235 mesons

NT2 chi b0-9860 mesons

NT2 chi b1-10255 mesons

NT2 chi b1-9890 mesons

NT2 chi b2-10270 mesons

NT2 chi b2-9915 mesons

NT2 upsilon-10023 mesons

NT2 upsilon-10355 mesons

NT2 upsilon-10580 mesons

NT2 upsilon-10860 mesons

NT2 upsilon-11020 mesons

NT2 upsilon-9460 mesons

NT1 charmed mesons

NT2 b c mesons

NT2 d mesons

NT3 d minus mesons

NT3 d neutral mesons

NT4 anti-d neutral mesons

NT3 d plus mesons

NT2 d s-2536 mesons

NT2 d s mesons

NT2 d*-2010 mesons

NT2 d*-2-2460 mesons

NT2 d*s-2110 mesons

NT2 d1-2420 mesons

NT1 charmonium

NT2 chi0-3415 mesons

NT2 chi1-3510 mesons

NT2 chi2-3555 mesons

NT2 eta c-2980 mesons

NT2 eta c-3590 mesons

NT2 j psi-3097 mesons

NT2 psi-3685 mesons

NT2 psi-3770 mesons

NT2 psi-4040 mesons

NT2 psi-4160 mesons

NT2 psi-4415 mesons

NT1 phi mesons

NT2 phi-1020 mesons

NT2 phi-1680 mesons

NT2 phi3-1850 mesons

NT1 pseudoscalar mesons

NT2 b c mesons

NT2 b mesons

NT3 b minus mesons

NT3 b neutral mesons

NT4 anti-b neutral mesons

NT3 b plus mesons

NT2 b s mesons

NT2 d mesons

NT3 d minus mesons

NT3 d neutral mesons

NT4 anti-d neutral mesons

NT3 d plus mesons

NT2 d s mesons

NT2 eta-1295 mesons

NT2 eta-1440 mesons

NT2 eta c-2980 mesons

NT2 eta mesons

NT2 eta prime-958 mesons

NT2 k-1460 mesons

NT2 k-1830 mesons

NT2 kaons

NT3 antikaons

NT4 antikaons neutral

NT3 cosmic kaons

NT3 kaons minus

NT3 kaons neutral

NT4 antikaons neutral

NT4 kaons neutral long-lived

NT4 kaons neutral short-lived

NT3 kaons plus

NT2 pi-1300 mesons

NT2 pi-1770 mesons

NT2 pions

NT3 cosmic pions

NT3 pions minus

NT3 pions neutral

NT3 pions plus

NT2 pseudoscalar antimesons

NT3 anti-b neutral mesons

NT3 anti-d neutral mesons

NT1 scalar mesons

NT2 a0-980 mesons

NT2 chi0-3415 mesons

NT2 f0-1240 mesons

NT2 f0-1300 mesons

NT2 f0-1590 mesons

NT2 f0-1730 mesons

NT2 f0-980 mesons

NT2 k*0-1430 mesons

NT1 strange mesons

NT2 b s mesons

NT2 d s-2536 mesons

NT2 d s mesons

NT2 d*s-2110 mesons

NT2 k-1460 mesons

NT2 k-1830 mesons

NT2 k*-1410 mesons

NT2 k*-1680 mesons

NT2 k*-892 mesons

NT2 k*0-1430 mesons

NT2 k*2-1430 mesons

NT2 k*3-1780 mesons

NT2 k*4-2045 mesons

NT2 k1-1270 mesons

NT2 k1-1400 mesons

NT2 k2-1770 mesons

NT2 k2-1820 mesons

NT2 kaons

NT3 antikaons

NT4 antikaons neutral

NT3 cosmic kaons

NT3 kaons minus

NT3 kaons neutral

NT4 antikaons neutral

NT4 kaons neutral long-lived

NT4 kaons neutral short-lived

NT3 kaons plus

NT1 strangeonium

NT2 f2 prime-1525 mesons

NT1 tensor mesons

NT2 a2-1320 mesons

NT2 a4-2040 mesons

NT2 a6-2450 mesons

NT2 chi b2-9915 mesons

NT2 chi2-3555 mesons

NT2 d*2-2460 mesons

NT2 f2-1270 mesons

NT2 f2-1430 mesons

NT2 f2-1720 mesons

NT2 f2-1810 mesons

NT2 f2-2010 mesons

NT2 f2-2300 mesons

NT2 f2-2340 mesons

NT2 f2 prime-1525 mesons

NT2 f4-2050 mesons

NT2 f4-2300 mesons

NT2 f6-2510 mesons

NT2 k*2-1430 mesons

NT2 k*3-1780 mesons

NT2 k*4-2045 mesons

NT2 k2-1770 mesons

NT2 k2-1820 mesons

NT2 omega3-1670 mesons

NT2 phi3-1850 mesons

NT2 pi2-1670 mesons

NT2 pi2-2100 mesons

NT2 rho3-1690 mesons

NT2 rho3-2250 mesons

NT2 rho5-2350 mesons

NT1 toponium

NT1 vector mesons

NT2 b*-5325 mesons

NT2 d*-2010 mesons

NT2 j psi-3097 mesons

NT2 k*-1410 mesons

NT2 k*-1680 mesons

NT2 k*-892 mesons

NT2 omega-1420 mesons

NT2 omega-1600 mesons

NT2 omega-782 mesons

NT2 phi-1020 mesons

NT2 phi-1680 mesons

NT2 psi-3685 mesons

NT2 psi-3770 mesons

NT2 psi-4040 mesons

NT2 psi-4160 mesons

NT2 psi-4415 mesons

NT2 rho-1450 mesons

NT2 rho-1700 mesons

NT2 rho-2150 mesons

NT2 rho-770 mesons

NT2 upsilon-10023 mesons

NT2 upsilon-10355 mesons
NT2 upsilon-10580 mesons
NT2 upsilon-10860 mesons
NT2 upsilon-11020 mesons
NT2 upsilon-9460 mesons
NT1 x-1700 mesons
NT1 x-1935 mesons
NT1 x-2220 mesons
NT1 x-3075 mesons
RT mesic atoms
RT mesic molecules
RT meson spectroscopy

MESOPHILIC CONDITIONS

INIS: 1992-03-10; ETDE: 1977-05-09
Temperature range centered at 40 degrees C
favoring the growth of certain bacteria.
RT anaerobic digestion
RT fermentation
RT thermophilic conditions

MESOSPHERE

BT1 earth atmosphere

MESOZOIC ERA

INIS: 1992-04-14; ETDE: 1977-10-19
BT1 geologic ages
NT1 cretaceous period
NT1 jurassic period
NT1 triassic period

MESQUITE

INIS: 2000-04-12; ETDE: 1981-05-18
***BT1** leguminosae
***BT1** trees

MESSENGER-RNA

1995-06-09
***BT1** rna
RT dna hybridization
RT exons
RT post-translation modification
RT rna polymerases
RT rna processing
RT transcription

METABOLIC ACTIVATION

INIS: 1992-04-09; ETDE: 1980-01-15
BT1 metabolism
RT biological pathways
RT chemical activation
RT enzyme activity
RT stimulation

METABOLIC DISEASES

1996-06-28
UF glycosuria
UF obesity
BT1 diseases
NT1 diabetes mellitus
NT1 rickets
RT biochemical reaction kinetics
RT endocrine diseases
RT gastrointestinal tract
RT liver
RT metabolism

metabolic pathways

INIS: 1978-11-24; ETDE: 1978-12-20
USE biological pathways

METABOLISM

NT1 anabolism
NT1 basal metabolism
NT1 catabolism
NT1 glycolysis
NT1 metabolic activation
RT biochemical reaction kinetics
RT biochemistry
RT biological functions
RT biological markers
RT biosynthesis

RT carbon cycle
RT carbon dioxide fixation
RT coenzymes
RT diabetes mellitus
RT dna adducts
RT enzyme activity
RT enzymes
RT fasting
RT glucagon
RT growth
RT hypothalamus
RT insulin
RT krebs cycle
RT labelled pool techniques
RT liver
RT metabolic diseases
RT metabolites
RT molecular biology
RT nitrogen cycle
RT nitrogen fixation
RT phosphoenolpyruvate
RT physiology
RT precursor
RT radionuclide kinetics
RT renal clearance
RT respiration
RT sulfur cycle
RT thermoregulation
RT thyroid hormones
RT vitamins

METABOLITES

INIS: 1996-10-23; ETDE: 1977-09-19
Products of intermediate metabolism.
NT1 glucuronide conjugates
NT1 glutathione conjugates
RT antimetabolites
RT carboxylic acids
RT krebs cycle
RT metabolism

metacercariae

USE larvae

metagalaxy

USE universe

metaiodobenzylguanidine

INIS: 1995-01-10; ETDE: 1987-04-24
USE mibg

metal buildings

INIS: 2000-04-12; ETDE: 1982-01-07
USE prefabricated buildings

metal castings

2000-04-12
USE castings

METAL-GAS BATTERIES

1997-06-17
***BT1** electric batteries
NT1 aluminium-air batteries
NT1 cadmium-air batteries
NT1 iron-air batteries
NT1 lithium-chlorine batteries
NT1 lithium-water-air batteries
NT1 nickel-hydrogen batteries
NT1 silver-hydrogen batteries
NT1 zinc-air batteries
NT1 zinc-chlorine batteries
RT fuel cells

METAL INDUSTRY

1992-03-10
UF steel industry
BT1 industry
RT beverage industry
RT ceramics industry
RT foundries
RT metals

RT mineral industry
RT scrap metals
RT smelters

metal-insulator-semiconductor solar cells

INIS: 2000-04-12; ETDE: 1981-07-18
USE mis solar cells

metal-insulator solar cells

INIS: 2000-04-12; ETDE: 1981-07-18
USE mi solar cells

METAL-METAL BATTERIES

2000-04-12
***BT1** electric batteries

METAL-METAL OXIDE BATTERIES

1992-10-02
***BT1** electric batteries
NT1 iron-nickel batteries
NT1 nickel-cadmium batteries
NT1 nickel-zinc batteries
NT1 silver-cadmium batteries
NT1 silver-zinc batteries
NT1 zinc-manganese batteries

METAL MODERATED REACTORS

BT1 reactors
NT1 beryllium moderated reactors
NT2 agata reactor
NT2 br-02 reactor
NT2 ebor reactor
NT2 ewg-1 reactor
NT2 maria reactor
NT2 nuclear furnace reactor

METAL-NONMETAL BATTERIES

1996-06-19
***BT1** electric batteries
NT1 lithium-copper chloride batteries
NT1 lithium-polymer batteries
NT1 lithium-sulfur batteries
NT1 sodium-sulfur batteries
NT1 zinc-bromine batteries

metal oxide-semiconductor solar cells

INIS: 1992-05-29; ETDE: 1981-07-18
USE mos solar cells

metal-semiconductor solar cells

INIS: 1992-05-29; ETDE: 1981-07-18
USE ms solar cells

metal spraying

USE spray coating

METAL TRANSFER PROCESS

BT1 separation processes
RT molten salt reactors

METAL VAPOR LASERS

INIS: 1992-08-18; ETDE: 1981-08-21
 (Until August 1992, this concept was indexed by GAS LASERS.)
UF copper vapor lasers
***BT1** gas lasers

metal-water reactions

INIS: 1977-09-06; ETDE: 1977-04-12
USE molten metal-water reactions

METALLIC GLASSES

INIS: 1984-01-18; ETDE: 1983-01-21
Amorphous alloys produced by extremely rapid quenching of molten material.
UF glassy alloys
UF glassy metals
UF metglass
RT alloys
RT amorphous state
RT glass

RT vitrification

METALLICITY

2014-03-28

The proportion of a celestial body made up of chemical elements other than hydrogen and helium.

RT chemical composition
RT cosmochemistry
RT star evolution

METALLOGRAPHY

Limited to the branch of metallurgy concerned with the preparation and examination of the surface of metals.

RT etching
RT fractography
RT materials testing
RT microscopy
RT microstructure
RT photomicrography
RT polishing
RT surface finishing

metalloids

USE semimetals

METALLOPROTEINS

INIS: 1993-08-26; ETDE: 1981-04-17

*BT1 proteins
NT1 ceruloplasmin
NT1 ferredoxin
NT1 ferritin
NT1 hemocyanin
NT1 hemosiderin
NT1 lactoferrin
NT1 metallothionein
NT1 rubredoxin
NT1 transferrin
RT complexes
RT metals

METALLOTHIONEIN

INIS: 1984-12-04; ETDE: 1980-11-25

Low molecular weight metal-binding proteins controlling heavy metal detoxification.

*BT1 metalloproteins
RT metals

METALLURGICAL EFFECTS

1994-07-01

The effects of an alloying element on the physical, mechanical or chemical properties of an alloy.

UF alloying effects
RT metallurgy

METALLURGICAL FLUX

(From January 1975 till March 1997

WELDING FLUXES was a valid ETDE descriptor.)

UF flux (metallurgy)
UF solder fluxes
UF soldering fluxes
UF welding fluxes
RT melting
RT welding

METALLURGY

Use of a more specific descriptor is recommended; see also FABRICATION.

NT1 electrometallurgy
NT1 extractive metallurgy
NT2 hydrometallurgy
NT2 pyrometallurgy
NT3 chloride volatility process
NT3 fluoride volatility process
NT1 physical metallurgy
NT1 powder metallurgy
RT metallurgical effects
RT zone refining

METALS

BT1 elements
NT1 actinides
NT2 actinium
NT2 americium
NT2 berkelium
NT2 californium
NT2 curium
NT2 einsteinium
NT2 fermium
NT2 lawrencium
NT2 mendelevium
NT2 neptunium
NT3 neptunium-alpha
NT3 neptunium-gamma
NT2 nobelium
NT2 plutonium
NT3 plutonium-alpha
NT3 plutonium-beta
NT3 plutonium-delta
NT3 plutonium-epsilon
NT3 plutonium-gamma
NT2 protactinium
NT2 thorium
NT3 thorium-alpha
NT3 thorium-beta
NT2 uranium
NT3 depleted uranium
NT3 enriched uranium
NT4 highly enriched uranium
NT4 moderately enriched uranium
NT4 slightly enriched uranium
NT3 natural uranium
NT3 uranium-alpha
NT3 uranium-beta
NT3 uranium-gamma
NT1 alkali metals
NT2 cesium
NT2 francium
NT2 lithium
NT2 potassium
NT2 rubidium
NT2 sodium
NT1 alkaline earth metals
NT2 barium
NT2 beryllium
NT2 calcium
NT2 magnesium
NT2 radium
NT2 strontium
NT1 aluminium
NT1 antimony
NT1 bismuth
NT1 cadmium
NT1 gallium
NT1 germanium
NT2 germanene
NT1 heavy metals
NT1 indium
NT1 lead
NT1 liquid metals
NT1 mercury
NT1 polonium
NT1 rare earths
NT2 cerium
NT3 cerium-alpha
NT3 cerium-beta
NT3 cerium-gamma
NT2 dysprosium
NT2 erbium
NT2 europium
NT2 gadolinium
NT2 holmium
NT2 lanthanum
NT2 lutetium
NT2 neodymium
NT2 praseodymium
NT2 promethium
NT2 samarium

NT2 terbium
NT2 thulium
NT2 ytterbium
NT1 refractory metals
NT2 hafnium
NT3 hafnium-alpha
NT3 hafnium-beta
NT2 iridium
NT2 molybdenum
NT2 niobium
NT3 niobium-alpha
NT3 niobium-beta
NT2 osmium
NT2 rhenium
NT2 rhodium
NT2 ruthenium
NT2 tantalum
NT2 technetium
NT2 tungsten
NT3 tungsten-alpha
NT1 scrap metals
NT1 thallium
NT1 tin
NT1 transition elements
NT2 chromium
NT2 cobalt
NT2 copper
NT2 gold
NT2 hafnium
NT3 hafnium-alpha
NT3 hafnium-beta
NT2 iron
NT3 iron-alpha
NT3 iron-delta
NT3 iron-gamma
NT2 manganese
NT3 manganese-alpha
NT2 molybdenum
NT2 nickel
NT2 niobium
NT3 niobium-alpha
NT3 niobium-beta
NT2 platinum metals
NT3 iridium
NT3 osmium
NT3 palladium
NT3 platinum
NT3 rhodium
NT3 ruthenium
NT2 rhenium
NT2 scandium
NT2 silver
NT2 tantalum
NT2 technetium
NT2 titanium
NT3 titanium-alpha
NT3 titanium-beta
NT2 tungsten
NT3 tungsten-alpha
NT2 vanadium
NT2 yttrium
NT2 zirconium
NT3 zirconium-alpha
NT3 zirconium-beta
NT3 zirconium-omega
NT1 zinc
RT alloys
RT azbel-kaner resonance
RT carbonyls
RT grueneisen formula
RT metal industry
RT metalloproteins
RT metallothionein
RT semimetals
RT work functions

METAMATERIALS

2014-10-28

BT1 materials

- RT nanomaterials
RT split-ring resonators

METAMICT STATE

INIS: 1985-06-10; ETDE: 1982-02-23
State of a radioactive mineral, exhibiting lattice disruption due to radiation damage while the original external morphology is retained.

- RT crystal structure
RT minerals
RT physical radiation effects

METAMORPHIC ROCKS

- UF crystalline rocks
UF hornfelses
BT1 rocks
NT1 amphibolites
NT1 gneisses
NT1 granulites
NT1 marble
NT1 quartzites
NT1 schists
NT1 serpentinites
RT basement rock

METAMORPHISM

The mineralogical and structural adjustment of solid rocks to physical and chemical conditions which have been imposed at depth below the surface zones of weathering and cementation, which differ from the conditions under which the rocks in question originated.

- NT1 hydrothermal alteration
RT geology
RT hydrothermal stage
RT tectonics

METAMORPHOSIS

- RT adults
RT animal growth
RT larvae
RT ontogenesis
RT pupae

metaphase

- USE mitosis

METASTABLE STATES

For atomic and molecular states only; for nuclear states use ISOMERIC NUCLEI.
*BT1 excited states

METASTASES

- RT neoplasms

meteoric water

2000-04-12
Water of recent atmospheric origin.
(Prior to March 1997 this was a valid ETDE descriptor.)
USE ground water

METEORITES

- NT1 iron meteorites
NT1 stone meteorites
NT2 achondrites
NT2 chondrites
RT meteoroids
RT tektites

METEOROIDS

- UF meteors
RT meteorites
RT solar system

METEOROLOGY

- RT acoustic radar
RT anticyclones
RT atmospheric circulation
RT atmospheric precipitations
RT buoys

- RT climate models
RT climates
RT cloud cover
RT clouds
RT condensation nuclei
RT cyclones
RT earth atmosphere
RT general circulation models
RT seasons
RT site characterization
RT site selection
RT storms
RT temperature inversions
RT weather
RT wind
RT wmo

meteors

- USE meteoroids

meter wave radiation

- USE mhz range
USE radiowave radiation

METERING

INIS: 2000-02-01; ETDE: 1980-10-27

- NT1 master metering
RT measuring methods
RT power meters

METERS

INIS: 2000-02-01; ETDE: 1980-11-08

- BT1 measuring instruments
NT1 activity meters
NT1 carbon meters
NT1 flowmeters
NT2 plasma eaters
NT1 gas meters
NT1 heat meters
NT1 hydrogen meters
NT1 inclinometers
NT1 oxygen meters
NT1 power meters
NT1 reactivity meters
NT1 sulfur meters
NT1 tritium meters
RT metrology

metglass

INIS: 1984-01-18; ETDE: 2002-03-28
USE metallic glasses

METHACRYLATES

- BT1 carboxylic acid salts
RT vinyl monomers

METHACRYLIC ACID

- UF methacrylic acid-alpha
*BT1 monocarboxylic acids
RT polyacrylates
RT vinyl monomers

methacrylic acid-alpha

- USE methacrylic acid

METHACRYLIC ACID ESTERS

(From May 1975 till March 1997 METHYL METHACRYLATE was a valid ETDE descriptor.)

- UF methyl methacrylate
*BT1 carboxylic acid esters
RT pmma
RT vinyl monomers

METHADONE HYDROCHLORIDE

INIS: 1984-05-24; ETDE: 1976-12-15
*BT1 narcotics

METHANATION

2000-04-12
Preparation of methane from carbon monoxide and hydrogen.
BT1 chemical reactions
RT beacon process
RT reduction
RT shift processes
RT synthesis gas

METHANE

- UF biogas
UF coalbed methane
UF digester gas
UF firedamp
UF gobar gas
*BT1 alkanes
RT biothermgas process
RT bromoform
RT carbon tetrachloride
RT carbon tetrafluoride
RT chloroform
RT cryogenic fluids
RT ethyl methanesulfonate
RT fluoroform
RT greenhouse gases
RT iodoform
RT landfill gas
RT methanotrophic bacteria
RT methyl bromide
RT methyl chloride
RT methyl fluoride
RT methyl iodide
RT methylene chloride
RT nitromethane

methane hydrate deposits

INIS: 2000-04-12; ETDE: 1983-01-21
USE natural gas hydrate deposits

methane hydrates

INIS: 1993-01-28; ETDE: 1983-01-21
USE gas hydrates

methane rich gas process

INIS: 2000-04-12; ETDE: 1976-01-26
USE sng processes

METHANOGENIC BACTERIA

INIS: 1981-05-11; ETDE: 1978-03-03
Bacteria which ferment various organic materials with the production of methane.
*BT1 bacteria
NT1 clostridium acetobutylicum

METHANOL

- UF carbinol
UF methyl alcohol
UF methyl-fuel
UF wood alcohol
*BT1 alcohols
RT liquid phase methanol process
RT methanol fuels

METHANOL FUELS

INIS: 1992-04-13; ETDE: 1979-09-06
Pure methanol, methanol-water mixtures, or methanol with additives; for methanol-gasoline mixtures, use GASOHOL.
*BT1 alcohol fuels
RT automotive fuels
RT gasohol
RT methanol

METHANOL PLANTS

INIS: 2000-04-12; ETDE: 1979-02-23
BT1 industrial plants
RT biomass conversion plants
RT chemical plants
RT coal gasification
RT gasoline plants

METHANOTROPHIC BACTERIA

INIS: 1992-07-21; ETDE: 1983-05-21
Gram-negative bacteria that secure growth energy by the oxidation of methane.

*BT1 bacteria
RT cell cultures
RT methane

METHEMOGLOBIN

*BT1 hemoglobin
RT erythrocytes
RT heme
RT respiration

methenamine

INIS: 1984-05-24; ETDE: 1981-04-20
(Prior to April 1994, this was a valid ETDE descriptor.)
USE antimicrobial agents

METHIONINE

UF methylmercaptoaminobutyric acid
UF methylthioaminobutyric acid
*BT1 amino acids
*BT1 lipotropic factors
*BT1 organic sulfur compounds
RT methyl transferases

METHOTREXATE

UF amethopterin
*BT1 antimetabolites

METHOXY RADICALS

*BT1 alkoxy radicals

methoxybenzene

USE anisole

METHYL ACETATE

INIS: 2000-04-12; ETDE: 1983-09-15
*BT1 acetic acid esters

methyl alcohol

USE methanol

METHYL BROMIDE

INIS: 1999-04-14; ETDE: 1976-11-01
*BT1 brominated aliphatic hydrocarbons
RT fumigants
RT methane

METHYL CHLORIDE

INIS: 1978-07-31; ETDE: 1978-09-11
UF chloromethane
*BT1 chlorinated aliphatic hydrocarbons
RT methane

METHYL ETHER

1976-07-30
UF dimethyl ether
*BT1 ethers
RT organic solvents

methyl ethyl diketone

USE 2-3-pentanedione

METHYL FLUORIDE

INIS: 1978-07-31; ETDE: 1978-09-11
*BT1 fluorinated aliphatic hydrocarbons
RT methane

methyl-fuel

INIS: 2000-04-12; ETDE: 1976-05-13
Trademark name for proprietary blend of methanol and controlled amounts of C2 and C4 alcohols.
USE alcohols
USE methanol

methyl glyccoll

USE sarcosine

METHYL IODIDE

*BT1 iodinated aliphatic hydrocarbons
RT iodox process
RT methane

METHYL ISOBUTYL KETONE

UF mibk
*BT1 ketones

methyl methacrylate

See also PMMA.
(Prior to March 1997 this was a valid ETDE descriptor.)
USE methacrylic acid esters

METHYL METHANESULFONATE

INIS: 1985-07-22; ETDE: 1976-05-17
(Prior to August 1985 MMS was used.)
UF mms
BT1 mutagens
*BT1 sulfonic acid esters

methyl nitrate

INIS: 2000-04-12; ETDE: 1980-11-25
USE nitric acid esters

METHYL NITROSOUREA

INIS: 2000-04-12; ETDE: 1980-07-23
UF mnu
*BT1 carbonic acid derivatives
BT1 mutagens
*BT1 nitroso compounds

METHYL ORANGE

*BT1 amines
*BT1 azo dyes
BT1 indicators
*BT1 sulfonic acids

methyl phenols

USE cresols

methyl phenyl ether

USE anisole

methyl phenyl ketone

USE acetophenone

methyl pyridines

USE picolines

METHYL RADICALS

*BT1 alkyl radicals

METHYL RED

*BT1 amino acids
*BT1 azo dyes
BT1 indicators

METHYL TRANSFERASES

INIS: 1985-12-11; ETDE: 1984-06-29
A group of enzymes that catalyze the transfer of a methyl group from one compound to another.

*BT1 carbon-group transferases
RT dna methylases
RT dna repair
RT methionine
RT methylation

METHYL TYROSINE

INIS: 1981-08-06; ETDE: 1981-09-22
UF methyltyrosine
*BT1 amino acids
*BT1 aromatics
*BT1 hydroxy acids
RT melanin
RT radiopharmaceuticals
RT tyrosine

METHYL VIOLET

UF crystal violet
*BT1 amines

*BT1 triphenylmethane dyes

methyl viologen

INIS: 2000-04-12; ETDE: 1980-12-08
USE bipyridines

methylacetylene

USE propyne

METHYLAL

UF dimethoxymethane
UF formal (methylal)
UF formaldehydedimethylacetal
*BT1 ethers
RT formaldehyde

METHYLAMINE

INIS: 1975-09-16; ETDE: 1975-10-28
*BT1 amines

methylaminoacetic acid

USE sarcosine

METHYLATION

BT1 chemical reactions
RT methyl transferases

methylbenzene

USE toluene

methylbutane (2-)

INIS: 1983-09-06; ETDE: 2002-03-28
USE 2-methylbutane

METHYLENE BLUE

*BT1 amines
*BT1 antimicrobial agents
*BT1 chlorides
*BT1 phenothiazines

METHYLENE CHLORIDE

1982-02-09
UF dichloromethane
*BT1 organic chlorine compounds
RT methane

METHYLENE RADICALS

UF methyldiene radicals
BT1 radicals

methyldiene radicals

USE methylene radicals

methylmercaptoaminobutyric acid

USE methionine

METHYLMERCURY

INIS: 1999-03-03; ETDE: 1976-03-11
*BT1 organic mercury compounds

METHYLNAPHTHALENES

INIS: 2000-04-12; ETDE: 1986-02-21
*BT1 alkylated aromatics
*BT1 polycyclic aromatic hydrocarbons

methylpropane (2-)

ETDE: 2002-03-28
USE 2-methylpropane

methylpropanol (2-)

ETDE: 2002-03-28
USE 2-methylpropanol

methylpropene (2-)

ETDE: 2002-03-28
USE 2-methylpropene

methyltetrahydrofuran

1984-06-21
USE mthf

methylthioaminobutyric acid

USE methionine

METHYLTHYMOL BLUE

- BT1 indicators
 *BT1 triphenylmethane dyes

methyltyrosine

- INIS: 1984-04-04; ETDE: 2002-06-13
 USE methyl tyrosine

METRIC SYSTEM

- INIS: 2000-04-12; ETDE: 1975-12-16
 RT si units

METRICS

- NT1 kerr metric
 NT1 schwarzchild metric
 RT curvilinear coordinates
 RT fractals
 RT gravitational fields
 RT mathematical space
 RT mathematics
 RT matrices
 RT measure theory
 RT relativity theory
 RT space-time
 RT tensors

METRIZAMIDE

- INIS: 1981-08-06; ETDE: 1981-09-22
 UF amipaque
 *BT1 amides
 BT1 contrast media

METROLOGY

- 2017-03-23
 NT1 radiation metrology
 NT1 radionuclide metrology
 RT meters

METRONIDAZOLE

- UF flagyl
 *BT1 alcohols
 *BT1 antineoplastic drugs
 *BT1 imidazoles
 *BT1 nitro compounds
 *BT1 radiosensitizers

metropolitan areas

- USE urban areas

MEV RANGE

- From 10 exp 6 to 10 exp 9 eV.
 BT1 energy range
 NT1 mev range 01-10
 NT1 mev range 10-100
 NT1 mev range 100-1000

MEV RANGE 01-10

- *BT1 mev range

MEV RANGE 10-100

- *BT1 mev range

MEV RANGE 100-1000

- *BT1 mev range

MEVALONIC ACID

- *BT1 hydroxy acids

MEVVA ION SOURCES

- 2018-02-26
 *BT1 vacuum-arc ion sources

MEXAMINE

- *BT1 ethers
 *BT1 radioprotective substances

MEXICAN ORGANIZATIONS

- INIS: 1975-12-09; ETDE: 1976-01-26
 BT1 national organizations

mexican triga-mark-3 reactor

- 2000-04-12
 USE triga-3-salazar reactor

mexican triga-mk-3 reactor

- INIS: 1984-06-21; ETDE: 2002-03-28
 USE triga-3-salazar reactor

MEXICO

- 1997-06-19
 BT1 developing countries
 BT1 latin america
 BT1 north america
 RT cerro prieto geothermal field
 RT oecd
 RT pathe geothermal field
 RT rio grande river

MEYERS PROCESS

- 2000-04-12
 Process for removal of pyritic sulfur from coal by ferric sulfate leaching.
 *BT1 desulfurization

MFTF DEVICES

- INIS: 1978-04-21; ETDE: 1977-10-20
 Mirror Fusion Test Facility.
 UF mirror fusion test facility
 UF mx devices
 *BT1 magnetic mirrors

mfx device

- 2000-04-12
 Mirror fusion experiment.
 USE magnetic mirrors

MH-1A REACTOR

- USA Army Corps of Engineers, Gatun Lake, Panama Canal Zone.
 UF floating nuclear power plant-sturgis
 UF sturgis-floating nuclear power plant
 *BT1 experimental reactors
 *BT1 mobile reactors
 *BT1 pwr type reactors

MHD CHANNELS

- UF magnetohydrodynamic channels
 RT diffusers
 RT mhd generators
 RT mhd power plants
 RT plasma seeding

MHD EQUILIBRIUM

- INIS: 1984-05-28; ETDE: 1984-06-14
 BT1 equilibrium
 RT magnetohydrodynamics
 RT plasma instability

MHD GENERATOR AEDC

- INIS: 2000-04-12; ETDE: 1980-02-11
 MHD test facility at Arnold Engineering Development Center which simulates coal-fired MHD.
 UF high performance demonstration experiment
 UF hpde
 UF mhd high performance demonstration experiment
 *BT1 mhd generators

MHD GENERATOR AERL MARK VI

- INIS: 2000-04-12; ETDE: 1979-05-02
 Oil-fired MHD test facility at AVCO Everett Research Laboratory, Massachusetts, USA.
 *BT1 mhd generators
 RT mhd generator aerl mark vii

MHD GENERATOR AERL MARK VII

- INIS: 2000-04-12; ETDE: 1985-05-07
 *BT1 mhd generators
 RT mhd generator aerl mark vi

MHD GENERATOR CDIF

- INIS: 1993-06-08; ETDE: 1979-05-02
 Coal-Fired Component Development and Integration Facility, Butte, Montana, USA.
 *BT1 coal-fired mhd generators

MHD GENERATOR CFFF

- INIS: 1993-05-04; ETDE: 1979-05-09
 Coal Fired Flow Facility for MHD component testing, Tullahoma, Tennessee.
 UF cfff
 *BT1 coal-fired mhd generators

MHD GENERATOR ETF

- INIS: 2000-04-12; ETDE: 1979-05-02
 Engineering test facility. DOE coal-fired combined-cycle MHD/steam demonstration plant.
 *BT1 coal-fired mhd generators
 *BT1 combined-cycle power plants
 *BT1 mhd power plants

mhd generator etl mark v

- INIS: 2000-04-12; ETDE: 1979-05-02
 Gas- or oil-fired MHD test facility at the Electrotechnical Laboratory, Japan.
 (Prior to January 1995, this was a valid descriptor.)
 USE mhd generators

MHD GENERATOR U-02

- INIS: 2000-04-12; ETDE: 1979-05-02
 Natural-gas fired MHD test facility in the Russian Federation.
 *BT1 mhd generators

MHD GENERATOR U-25

- INIS: 2000-04-12; ETDE: 1979-05-02
 Natural-gas fired MHD pilot plant in the Russian Federation.
 *BT1 mhd generators

MHD GENERATOR UTSI

- INIS: 2000-04-12; ETDE: 1979-05-02
 Coal-fired MHD generator at University of Tennessee Space Institute, USA.
 *BT1 coal-fired mhd generators

MHD GENERATORS

- UF faraday generators
 UF hall generators
 UF magnetohydrodynamic generators
 UF mhd generator etl mark v
 BT1 direct energy converters
 NT1 closed-cycle mhd generators
 NT2 liquid-metal mhd generators
 NT1 coal-fired mhd generators
 NT2 mhd generator cdif
 NT2 mhd generator cfff
 NT2 mhd generator etf
 NT2 mhd generator utsi
 NT1 disk mhd generators
 NT1 mhd generator aedc
 NT1 mhd generator aerl mark vi
 NT1 mhd generator aerl mark vii
 NT1 mhd generator u-02
 NT1 mhd generator u-25
 NT1 open-cycle mhd generators
 NT1 pulsed mhd generators
 RT end effects
 RT magnetohydrodynamics
 RT mhd channels
 RT mhd power plants
 RT plasma seeding
 RT seed recovery
 RT seed-slag interactions
 RT vapor jet ejectors
 RT vapor separators

mhd high performance demonstration experiment

INIS: 2000-04-12; ETDE: 1980-02-11
USE mhd generator aedc

mhd instabilities (plasma)

INIS: 1989-04-20; ETDE: 2002-03-28
USE plasma macroinstabilities

MHD POWER PLANTS

1992-03-30
BT1 power plants
NT1 mhd generator etf
RT fossil-fuel power plants
RT magnetohydrodynamics
RT mhd channels
RT mhd generators

MHZ RANGE

UF meter wave radiation
UF very high frequency
UF very high frequency radiation
UF vhf
UF vhf radiation
BT1 frequency range
NT1 mhz range 01-100
NT1 mhz range 100-1000
RT radioastronomy

MHZ RANGE 01-100

*BT1 mhz range

MHZ RANGE 100-1000

UF decimeter wave radiation (3-10dm)
UF uhf radiation (100-1000 mhz)
UF uhf radiation (lower range)
UF ultrahigh frequency radiation (100-1000 mhz)
UF ultrahigh frequency radiation (lower range)
*BT1 mhz range

MI SOLAR CELLS

INIS: 2000-04-12; ETDE: 1981-07-18
UF metal-insulator solar cells
*BT1 solar cells

MIBG

INIS: 1995-01-11; ETDE: 1987-04-24
UF metaiodobenzylguanidine
*BT1 guanidines
*BT1 organic iodine compounds
RT radiopharmaceuticals

mibk

USE methyl isobutyl ketone

MICA

UF paragonite
*BT1 silicate minerals
NT1 biotite
NT1 muscovite
NT1 vermiculite
RT dielectric materials
RT dielectric track detectors
RT kimberlites
RT pegmatites

MICE

*BT1 rodents
NT1 transgenic mice

micellar-polymer flooding

INIS: 1992-01-16; ETDE: 1976-06-07
USE microemulsion flooding

MICELLAR SYSTEMS

INIS: 1994-07-01; ETDE: 1975-08-19
Submicroscopic aggregates of molecules.
RT colloids
RT microemulsions
RT molecules

RT particles

MICHELSON INTERFEROMETER

INIS: 1977-03-01; ETDE: 1977-04-12
*BT1 interferometers

MICHIGAN

1997-06-19
*BT1 usa
RT au sable river
RT detroit river
RT grand river
RT menominee river
RT saginaw river
RT saint clair river

michigan state triga-mk-1 reactor

1976-02-11
(Prior to November 1990 this was a valid ETDE descriptor.)
USE triga-1-michigan reactor

michigan state university cyclotrons

1993-11-09
USE msu cyclotrons

MICRO AMP BEAM CURRENTS

From 10 exp -6 to .001 amp.
*BT1 beam currents

MICRO GY RANGE

2012-05-30
*BT1 absorbed dose range
NT1 micro gy range 01-10
NT1 micro gy range 10-100
NT1 micro gy range 100-1000

MICRO GY RANGE 01-10

2012-05-30
*BT1 micro gy range

MICRO GY RANGE 10-100

2012-05-30
*BT1 micro gy range

MICRO GY RANGE 100-1000

2012-05-30
*BT1 micro gy range

MICRO-SCALE HYDROELECTRIC POWER PLANTS

INIS: 1993-12-30; ETDE: 1982-05-12
Hydroelectric power plants producing less than 100kW.
*BT1 hydroelectric power plants

MICRO SV PER HOUR RANGE

2013-01-23
BT1 radiation dose rate ranges
NT1 micro sv per hour range 01-10
NT1 micro sv per hour range 10-100
NT1 micro sv per hour range 100-1000

MICRO SV PER HOUR RANGE 01-10

2013-01-23
*BT1 micro sv per hour range

MICRO SV PER HOUR RANGE 10-100

2013-01-23
*BT1 micro sv per hour range

MICRO SV PER HOUR RANGE 100-1000

2013-01-23
*BT1 micro sv per hour range

MICRO SV RANGE

2012-05-30
*BT1 equivalent dose range

MICROANALYSIS

NT1 deuteron microprobe analysis
NT1 electron microprobe analysis

NT1 ion microprobe analysis
NT1 proton microprobe analysis
RT impurities
RT qualitative chemical analysis
RT quantitative chemical analysis
RT trace amounts

MICROARRAY TECHNOLOGY

2006-01-26
Biotechnology method useful, for example, in determining how a cell can control the expression of large numbers of genes simultaneously.
BT1 biotechnology
RT gene regulation
RT genetic mapping
RT transcription

MICROBALANCES

*BT1 balances

MICROBIAL DRUG RESISTANCE

1992-06-11
The resistance developed by microorganisms to a drug.
RT drugs
RT microorganisms

microbial enhanced oil recovery

INIS: 1992-03-10; ETDE: 1980-10-27
USE microbial eor

MICROBIAL EOR

INIS: 1999-03-19; ETDE: 1980-10-27
UF microbial enhanced oil recovery
SF microbial processes
BT1 enhanced recovery
RT bacillus licheniformis
RT corynebacterium fascians
RT microbial leaching
RT microorganisms

microbial flora

USE microorganisms

MICROBIAL LEACHING

INIS: 1992-03-17; ETDE: 1988-10-27
*BT1 leaching
RT microbial eor

microbial processes

INIS: 1991-09-23; ETDE: 1978-01-23
SEE anaerobic digestion
SEE bioconversion
SEE biodegradation
SEE biophotolysis
SEE fermentation
SEE microbial eor

microcephaly

USE malformations

MICROCHANNEL ELECTRON MULTIPLIERS

INIS: 1976-02-11; ETDE: 1976-04-19
*BT1 electron multipliers

MICROCLIMATES

INIS: 1992-05-08; ETDE: 1981-06-13
The local, rather uniform, climate of a specific place or habitat, compared with the climate of the entire area of which it is a part.
BT1 climates
RT thermal comfort

microcline

INIS: 2000-04-12; ETDE: 1977-06-02

A white to pale yellow, green, or occasionally red mineral of the feldspar group, like orthoclase or common feldspar in composition, but triclinic in form.

(Prior to March 1996 this was a valid ETDE descriptor.)

USE feldspars

MICROCOCCUS

*BT1 bacteria

NT1 micrococcus luteus

NT1 micrococcus lysodeicticus

NT1 micrococcus radiodurans

MICROCOCCUS LUTEUS

INIS: 1977-10-17; ETDE: 1977-11-10

*BT1 micrococcus

RT nucleases

MICROCOCCUS LYSODEICTICUS

*BT1 micrococcus

MICROCOCCUS RADIODURANS

*BT1 micrococcus

MICROCOMPUTERS

INIS: 1988-08-02; ETDE: 1976-08-05

*BT1 digital computers

NT1 personal computers

MICROCOSMS

INIS: 1999-05-18; ETDE: 1981-07-06

Experimental units designed to contain important components of and to exhibit important processes occurring in a whole ecosystem.

RT biological models

RT functional models

RT mathematical models

RT mockup

RT simulators

MICRODOSIMETRY

BT1 dosimetry

RT energy losses

RT let

RT spatial dose distributions

RT wall effects

MICROEARTHQUAKES

1993-01-28

Magnitude less than two on the Richter scale.

*BT1 earthquakes

RT aftershocks

microelectromechanical systems

2014-08-26

USE mems

MICROELECTRONIC CIRCUITS

1976-03-25

BT1 electronic circuits

NT1 integrated circuits

NT2 cmos circuits

NT1 microprocessors

RT microelectronics

RT printed circuits

MICROELECTRONICS

RT mems

RT microelectronic circuits

MICROEMULSION FLOODING

INIS: 1992-01-16; ETDE: 1976-06-07

UF micellar-polymer flooding

SF polymer flooding

*BT1 miscible-phase displacement

RT enhanced recovery

RT petroleum

RT well stimulation

MICROEMULSIONS

INIS: 1992-02-21; ETDE: 1976-07-07

Optically isotropic, clear, and stable dispersions of oil, water, surfactant, and cosurfactant; the latter is often an alcohol.

*BT1 emulsions

RT micellar systems

RT well stimulation

microflora

USE microorganisms

MICROGENERATION

2006-05-15

Generation of electricity or heat below approximately 50 kW.

BT1 power generation

RT fuel cell power plants

RT heat production

RT low-head hydroelectric power plants

RT photovoltaic power plants

RT small-scale hydroelectric power plants

RT solar thermal power plants

MICROHARDNESS

*BT1 hardness

RT ceramography

MICRONESIA

INIS: 1985-06-10; ETDE: 1978-12-11

Islands of West Pacific Ocean east Of Philippines; includes the Mariana, Palau, Caroline, Marshall, and Gilbert Islands.

BT1 islands

BT1 oceania

NT1 kiribati

NT1 marshall islands

NT2 bikini

NT2 eniwetok

NT1 nauru

NT1 tuvalu

RT pacific ocean

MICROORGANISMS

UF germs (microorganisms)

UF microbial flora

UF microflora

NT1 bacteria

NT2 actinomyces

NT3 frankia

NT2 aerobacter

NT2 aeromonas

NT2 azotobacter

NT2 bacillus

NT3 bacillus cereus

NT3 bacillus licheniformis

NT3 bacillus megaterium

NT3 bacillus subtilis

NT3 thiobacillus ferrooxidans

NT3 thiobacillus oxidans

NT2 brucella

NT2 clostridium

NT3 clostridium acetobutylicum

NT3 clostridium botulinum

NT3 clostridium butyricum

NT3 clostridium perfringens

NT3 clostridium thermocellum

NT3 clostridium thermosaccharolyticum

NT2 coliforms

NT2 corynebacterium fascians

NT2 corynebacterium parvum

NT2 escherichia coli

NT2 haemophilus

NT2 klebsiella

NT2 lactobacillus

NT2 legionella anisa

NT2 legionella pneumophila

NT2 meningococcus

NT2 methanogenic bacteria

NT3 clostridium acetobutylicum

NT2 methanotrophic bacteria

NT2 micrococcus

NT3 micrococcus luteus

NT3 micrococcus lysodeicticus

NT3 micrococcus radiodurans

NT2 mycobacterium

NT3 mycobacterium tuberculosis

NT2 nocardia

NT2 photosynthetic bacteria

NT3 rhodospseudomonas

NT3 rhodospirillum

NT2 pneumococcus

NT2 proteus

NT2 pseudomonas

NT2 rhizobium

NT2 salmonella

NT3 salmonella typhimurium

NT2 serratia

NT2 shigella

NT2 spirochaetes

NT2 staphylococcus

NT2 streptococcus

NT2 streptomyces

NT2 sulfate-reducing bacteria

NT3 desulfovibrio

NT2 sulfur-oxidizing bacteria

NT3 rhodococcus

NT3 thiobacillus ferrooxidans

NT3 thiobacillus oxidans

NT2 thermoactinomyces

NT2 zymomonas mobilis

NT1 cyanobacteria

NT1 mycoplasma

NT2 acholeplasma laidlawii b

NT1 protozoa

NT2 ciliata

NT3 paramecium

NT3 tetrahymena

NT2 mastigophora

NT3 dinoflagellate

NT3 euglena

NT3 trypanosoma

NT2 sarcodina

NT3 amoeba

NT3 foraminifera

NT2 sporozoa

NT3 babesidae

NT3 plasmodium

NT1 rickettsiae

NT1 unicellular algae

NT2 chlamydomonas

NT2 chlorella

NT2 euglena

NT2 scenedesmus

NT1 viruses

NT2 aids virus

NT2 bacteriophages

NT2 influenza viruses

NT2 measles virus

NT2 oncogenic viruses

NT3 adenovirus

NT3 leukemia viruses

NT3 polyoma virus

NT2 polio virus

NT2 simian virus

NT2 tobacco mosaic virus

NT2 vaccinia virus

NT2 zika virus

NT1 yeasts

NT2 candida

NT2 saccharomyces

NT3 saccharomyces cerevisiae

NT2 torula

RT aerobic digestion

RT anaerobic digestion

RT anti-infective agents

RT antibiotics

RT autotrophs
 RT biology
 RT bioremediation
 RT cell cultures
 RT immobilized cells
 RT infectious diseases
 RT microbial drug resistance
 RT microbial eor
 RT parasites
 RT pathogens
 RT photoreactivation
 RT virulence

MICROPROCESSORS

INIS: 1977-03-01; ETDE: 1976-08-04

*BT1 microelectronic circuits
 RT array processors
 RT computers

micropulsations

USE pulsations

MICRORADIOGRAPHY

INIS: 1983-03-15; ETDE: 1975-10-01

UF radiography (micro)
 RT biomedical radiography
 RT industrial radiography

MICROSCOPES

NT1 electron microscopes
 NT1 ion microscopes
 NT1 optical microscopes
 RT microscopy

MICROSCOPY

NT1 acoustic microscopy
 NT1 atomic force microscopy
 NT1 electron microscopy
 NT2 scanning electron microscopy
 NT2 transmission electron microscopy
 NT1 ion microscopy
 NT1 optical microscopy
 NT2 scanning light microscopy
 NT1 scanning tunneling microscopy
 RT ceramography
 RT histological techniques
 RT histology
 RT metallography
 RT microscopes
 RT morphological changes
 RT photomicrography

MICROSECONDS LIVING RADIOISOTOPES

1997-02-07

(From 10 exp -6 to 0.001 sec; prior to June

2003 MICROSEC LIVING

RADIOISOTOPES was used for this concept.)

*BT1 radioisotopes
 NT1 actinium 216
 NT1 actinium 218
 NT1 actinium 219
 NT1 astatine 215
 NT1 astatine 216
 NT1 bismuth 185
 NT1 bismuth 187
 NT1 bohrium 260
 NT1 bohrium 263
 NT1 cesium 112
 NT1 cesium 113
 NT1 chromium 64
 NT1 copernicium 277
 NT1 copernicium 278
 NT1 copernicium 282
 NT1 darmstadtium 267
 NT1 darmstadtium 269
 NT1 darmstadtium 273
 NT1 dysprosium 140
 NT1 europium 130
 NT1 fermium 241
 NT1 fermium 242

NT1 fermium 258
 NT1 flerovium 285
 NT1 francium 212
 NT1 francium 213
 NT1 francium 217
 NT1 gold 170
 NT1 gold 171
 NT1 hafnium 156
 NT1 hassium 264
 NT1 hassium 265
 NT1 iodine 109
 NT1 iodine 116
 NT1 iodine 121
 NT1 iodine 122
 NT1 iridium 164
 NT1 iridium 165
 NT1 krypton 84
 NT1 krypton 85
 NT1 lead 178
 NT1 lutetium 154
 NT1 meitnerium 266
 NT1 mendelevium 245
 NT1 mercury 171
 NT1 mercury 172
 NT1 mercury 173
 NT1 mercury 201
 NT1 neon 34
 NT1 nihonium 278
 NT1 nobelium 250
 NT1 osmium 161
 NT1 platinum 166
 NT1 platinum 167
 NT1 polonium 186
 NT1 polonium 188
 NT1 polonium 213
 NT1 polonium 214
 NT1 protactinium 218
 NT1 protactinium 221
 NT1 radium 217
 NT1 radium 218
 NT1 radon 194
 NT1 radon 215
 NT1 radon 216
 NT1 radon 217
 NT1 rhenium 159
 NT1 rhenium 160
 NT1 rhenium 194
 NT1 rhodium 89
 NT1 rubidium 76
 NT1 ruthenium 87
 NT1 ruthenium 253
 NT1 ruthenium 254
 NT1 technetium 86
 NT1 tellurium 106
 NT1 terbium 135
 NT1 thorium 217
 NT1 thorium 219
 NT1 thorium 220
 NT1 thulium 144
 NT1 thulium 145
 NT1 tin 102
 NT1 uranium 219
 NT1 uranium 222
 NT1 uranium 223
 NT1 uranium 224
 NT1 ytterbium 153
 RT half-life
 RT lifetime

microseism

INIS: 2000-04-12; ETDE: 1980-03-04

USE seismic noise

microseismic monitoring

INIS: 2000-04-12; ETDE: 1978-10-30

USE acoustic monitoring

MICROSOMES

*BT1 ribosomes
 RT mixed-function oxidases

RT rna

MICROSPHERES

RT dispersions
 RT particle size
 RT radiopharmaceuticals

MICROSPORES

BT1 spores
 RT pollen

MICROSTRUCTURE

1999-05-19

NT1 cleavage
 NT1 grain boundaries
 NT1 grain density
 NT1 grain orientation
 NT1 grain size
 NT1 pore structure
 NT1 widmanstaetten structure
 RT ceramography
 RT crystal defects
 RT crystal lattices
 RT inclusions
 RT metallography
 RT nanostructures
 RT phase diagrams
 RT phase transformations
 RT solids
 RT twinning

MICROTRONS

*BT1 cyclotrons
 NT1 racetrack microtrons

MICROTUBULES

INIS: 1982-02-10; ETDE: 1981-08-04

BT1 cell constituents
 RT proteins

MICROWAVE AMPLIFIERS

UF electron cyclotron masers
 UF gyrotrons
 *BT1 amplifiers
 *BT1 microwave equipment
 NT1 masers

microwave discharges

USE high-frequency discharges

MICROWAVE DRYERS

INIS: 2000-04-19; ETDE: 1980-06-23

BT1 dryers
 *BT1 microwave equipment
 RT microwave ovens
 RT microwave radiation

MICROWAVE EQUIPMENT

*BT1 electronic equipment
 NT1 heterodyne receivers
 NT1 microwave amplifiers
 NT2 masers
 NT1 microwave dryers
 NT1 microwave tubes
 NT2 backward wave tubes
 NT2 klystrons
 NT2 lasertrons
 NT2 magnetrons
 NT2 travelling wave tubes
 NT1 squid devices
 RT cavity resonators
 RT microwave radiation
 RT radio equipment
 RT resonators
 RT superconducting cavity resonators
 RT waveguides

MICROWAVE HEATING

INIS: 1994-01-07; ETDE: 1981-07-18

BT1 heating
 RT microwave ovens
 RT microwave radiation

RT plasma heating

MICROWAVE ION SOURCES

2018-02-26

*BT1 plasma ion sources

MICROWAVE OVENS

INIS: 2000-04-19; ETDE: 1977-06-21

*BT1 electric appliances

*BT1 ovens

RT microwave dryers

RT microwave heating

RT microwave radiation

MICROWAVE POWER TRANSMISSION

1995-02-27

BT1 power transmission

RT power supplies

RT power systems

RT rectennas

RT rf systems

MICROWAVE RADIATION

UF ehf radiation

UF extremely high frequency radiation

*BT1 electromagnetic radiation

NT1 relict radiation

RT masers

RT microwave dryers

RT microwave equipment

RT microwave heating

RT microwave ovens

RT microwave spectra

MICROWAVE SPECTRA

BT1 spectra

RT microwave radiation

MICROWAVE TUBES

BT1 electron tubes

*BT1 microwave equipment

NT1 backward wave tubes

NT1 klystrons

NT1 lasertrons

NT1 magnetrons

NT1 travelling wave tubes

RT thermionic tubes

MICTOMAGNETISM

2000-04-12

A property exhibited by some alloys whereby they are superparamagnetic.

*BT1 antiferromagnetism

*BT1 ferromagnetism

MID-ATLANTIC BIGHT

INIS: 1997-06-19; ETDE: 1985-07-19

The portion of the Atlantic Ocean overlying the continental shelf between Cape Hatteras and Georges Bank.

*BT1 atlantic ocean

NT1 new york bight

RT chesapeake bay

RT coastal waters

RT continental shelf

RT georges bank

RT gulf stream

RT long island sound

RT south atlantic bight

RT us east coast

mid-atlantic region

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to June 1982, this was a valid ETDE descriptor.)

USE usa

MID-ATLANTIC RIDGE

INIS: 2000-01-21; ETDE: 1977-08-09

RT atlantic ocean

RT geologic structures

midas computer

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE computers

MIDDAY AURORAE

BT1 aurorae

RT auroral oval

RT auroral zones

RT charged-particle precipitation

RT electron precipitation

RT ionosphere

RT proton precipitation

middle distillates

INIS: 1992-04-01; ETDE: 1979-11-23

USE petroleum distillates

MIDDLE EAST

1991-11-06

NT1 bahrain

NT1 cyprus

NT1 egyptian arab republic

NT1 iran

NT1 iraq

NT1 israel

NT1 jordan

NT1 kuwait

NT1 lebanon

NT1 oman

NT1 qatar

NT1 saudi arabia

NT1 syria

NT1 turkey

NT1 yemen

RT arab countries

RT oapec

RT opec

middle gust event

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

USE chemical explosions

USE surface explosions

MIDLAND-1 REACTOR

Consumers Power Co., Midland, Michigan, USA. Canceled in 1986 after construction began (1973).

UF consumers power company midland-1

UF consumers power company midland-1 reactor

*BT1 process heat reactors

*BT1 pwr type reactors

MIDLAND-2 REACTOR

Consumers Power Co., Midland, Michigan, USA. Canceled in 1986 after construction began (1973).

UF consumers power company midland-2

UF consumers power company midland-2 reactor

*BT1 process heat reactors

*BT1 pwr type reactors

midnight discontinuity

USE harang discontinuity

midtemperature solar system test facility

INIS: 2000-04-12; ETDE: 1980-11-08

USE msstf

MIDUALE

2000-04-12

*BT1 chromium steels

*BT1 manganese additions

*BT1 silicon additions

*BT1 tungsten alloys

MIDWEST FUEL RECOVERY PLANT

UF morris plant

*BT1 fuel reprocessing plants

midwest region

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to June 1982 this was a valid ETDE descriptor.)

USE usa

mifi irt-2000 reactor

Moskovskij Inzhenerno-Fizicheskij Inst.

USE irt-2000 moscow reactor

migas process

INIS: 2000-04-12; ETDE: 1980-11-25

Process in which excess superheated steam supplies heat of reaction to produce gas with high hydrogen to carbon monoxide ratio.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE coal gasification

MIGDAL THEORY

RT bremsstrahlung

mighty epic event

INIS: 2000-04-12; ETDE: 1977-06-21

A test made during PROJECT ANVIL.

(Prior to January 1995, this term was a valid ETDE descriptor.)

USE nuclear explosions

USE underground explosions

MIGMA DEVICES

1995-09-14

Nonthermal, nonpulsed devices, in which fusion occurs among the ions of a self-colliding beam.

BT1 thermonuclear devices

RT ion beams

RT precession

MIGRATION

INIS: 1991-08-09; ETDE: 1976-05-13

RT fish passage facilities

RT population dynamics

migration (kernel)

INIS: 1991-08-09; ETDE: 1979-03-05

USE amoeba effect

migration (radionuclide)

INIS: 1991-08-09; ETDE: 1981-01-27

USE radionuclide migration

migration area

USE migration length

MIGRATION LENGTH

1999-07-20

UF migration area

*BT1 length

RT diffusion length

RT slowing-down length

MIHAMA-1 REACTOR

KEPCO, Mihama, Fukui, Japan. Permanent shutdown since 2015.

UF kansai-1 reactor

*BT1 pwr type reactors

MIHAMA-2 REACTOR

KEPCO, Mihama, Fukui, Japan. Permanent shutdown since 2015.

UF kansai-2 reactor

*BT1 pwr type reactors

MIHAMA-3 REACTOR

KEPCO, Mihama, Fukui, Japan.

*BT1 pwr type reactors

mike event

INIS: 1996-01-24; ETDE: 1984-06-29

A test made during PROJECT IVY.

(Prior to December 1990, this was a valid ETDE descriptor.)

USE surface explosions

USE thermonuclear explosions

MILAN SUPERCONDUCTING CYCLOTRON

INIS: 1990-12-17; ETDE: 1983-03-24

(Prior to December 1990, this descriptor was spelled MILANSUPERCOND CYCLOTRON.)

*BT1 heavy ion accelerators

*BT1 isochronous cyclotrons

*BT1 superconducting cyclotrons

MILDEW

*BT1 eumycota

BT1 parasites

RT plant diseases

MILITARY ASSISTANCE

INIS: 2000-04-12; ETDE: 1986-02-03

RT foreign policy

RT international cooperation

RT national defense

MILITARY EQUIPMENT

1999-02-23

(From August 1975 till March 1997

ORDNANCE was a valid ETDE descriptor.)

UF munitions

UF ordnance

BT1 equipment

RT ammunition

MILITARY FACILITIES

INIS: 1998-12-30; ETDE: 1976-03-22

UF facilities (military)

NT1 tonopah test range

RT government buildings

RT national defense

MILITARY PERSONNEL

UF army personnel

BT1 personnel

RT aviation personnel

MILITARY STRATEGY

INIS: 1994-08-26; ETDE: 1986-02-03

RT warfare

MILK

*BT1 body fluids

BT1 food

RT beverages

RT cows

RT lactation

RT mammary glands

RT milk products

RT whey

MILK PRODUCTS

BT1 food

NT1 butter

NT1 cheese

NT1 whey

RT milk

milk sugar

USE lactose

MILKWEED

INIS: 2000-04-12; ETDE: 1980-04-14

A hydrocarbon-producing plant, possible source of synthetic petroleum.

*BT1 euphorbia

MILKY WAY

UF local galaxy

BT1 galaxies

RT interstellar space

MILL TAILINGS

INIS: 1986-03-04; ETDE: 1977-03-04

*BT1 tailings

RT ore processing

RT radioactive wastes

MILLER INDICES

RT crystal lattices

MILLET

*BT1 cereals

MILLI AMP BEAM CURRENTS

From .001 to 1 amp.

*BT1 beam currents

MILLI BQ RANGE

2012-05-31

BT1 radioactivity range

MILLI EV RANGE

1999-07-08

BT1 energy range

MILLI GY RANGE

2012-05-30

*BT1 absorbed dose range

NT1 milli gy range 01-10

NT1 milli gy range 10-100

NT1 milli gy range 100-1000

MILLI GY RANGE 01-10

2012-05-30

*BT1 milli gy range

MILLI GY RANGE 10-100

2012-05-30

*BT1 milli gy range

MILLI GY RANGE 100-1000

2012-05-30

*BT1 milli gy range

MILLI HZ RANGE

BT1 frequency range

milli k range

INIS: 1984-04-04; ETDE: 2002-03-28

USE temperature range 0000-0013 k

MILLI SV PER HOUR RANGE

2013-01-23

BT1 radiation dose rate ranges

NT1 milli sv per hour range 01-10

NT1 milli sv per hour range 10-100

NT1 milli sv per hour range 100-1000

MILLI SV PER HOUR RANGE 01-10

2013-01-23

*BT1 milli sv per hour range

MILLI SV PER HOUR RANGE 10-100

2013-01-23

*BT1 milli sv per hour range

MILLI SV PER HOUR RANGE 100-1000

2013-01-23

*BT1 milli sv per hour range

MILLI SV PER YEAR RANGE

2013-01-23

BT1 radiation dose rate ranges

NT1 milli sv per year range 01-10

NT1 milli sv per year range 10-100

NT1 milli sv per year range 100-1000

MILLI SV PER YEAR RANGE 01-10

2013-01-23

*BT1 milli sv per year range

MILLI SV PER YEAR RANGE 10-100

2013-01-23

*BT1 milli sv per year range

MILLI SV PER YEAR RANGE 100-1000

2013-01-23

*BT1 milli sv per year range

MILLI SV RANGE

2012-05-30

*BT1 equivalent dose range

NT1 milli sv range 01-10

NT1 milli sv range 10-100

NT1 milli sv range 100-1000

MILLI SV RANGE 01-10

2012-05-30

*BT1 milli sv range

MILLI SV RANGE 10-100

2012-05-30

*BT1 milli sv range

MILLI SV RANGE 100-1000

2012-05-30

*BT1 milli sv range

MILLING

For milling in the sense of pulverization, use COMMUNUTION.

BT1 machining

RT mechanical decladding

RT milling machines

MILLING MACHINES

*BT1 machine tools

RT milling

MILLISECONDS LIVING RADIOISOTOPES

1998-01-27

(From 0.001 to 1 sec.; prior to June 2003

MILLISEC LIVING RADIOISOTOPES was used for this concept.)

*BT1 radioisotopes

NT1 actinium 206

NT1 actinium 207

NT1 actinium 208

NT1 actinium 209

NT1 actinium 210

NT1 actinium 211

NT1 actinium 212

NT1 actinium 213

NT1 actinium 215

NT1 actinium 220

NT1 actinium 221

NT1 aluminium 22

NT1 aluminium 23

NT1 aluminium 24

NT1 aluminium 31

NT1 aluminium 32

NT1 aluminium 34

NT1 antimony 104

NT1 antimony 134

NT1 antimony 136

NT1 argon 31

NT1 argon 32

NT1 argon 33

NT1 argon 34

NT1 argon 48

NT1 argon 52

NT1 argon 53

NT1 arsenic 64

NT1 arsenic 66
 NT1 arsenic 75
 NT1 arsenic 84
 NT1 arsenic 86
 NT1 arsenic 87
 NT1 astatine 191
 NT1 astatine 192
 NT1 astatine 193
 NT1 astatine 194
 NT1 astatine 195
 NT1 astatine 196
 NT1 astatine 197
 NT1 astatine 212
 NT1 astatine 217
 NT1 barium 114
 NT1 barium 115
 NT1 barium 116
 NT1 barium 136
 NT1 barium 147
 NT1 barium 148
 NT1 barium 149
 NT1 barium 150
 NT1 beryllium 12
 NT1 beryllium 14
 NT1 bismuth 184
 NT1 bismuth 186
 NT1 bismuth 187
 NT1 bohrium 261
 NT1 bohrium 262
 NT1 bohrium 264
 NT1 bohrium 265
 NT1 boron 12
 NT1 boron 13
 NT1 boron 14
 NT1 boron 15
 NT1 boron 17
 NT1 boron 8
 NT1 bromine 70
 NT1 bromine 91
 NT1 bromine 92
 NT1 bromine 93
 NT1 bromine 94
 NT1 cadmium 125
 NT1 cadmium 126
 NT1 cadmium 127
 NT1 cadmium 128
 NT1 cadmium 129
 NT1 cadmium 130
 NT1 cadmium 131
 NT1 cadmium 132
 NT1 cadmium 95
 NT1 cadmium 96
 NT1 calcium 36
 NT1 calcium 37
 NT1 calcium 38
 NT1 calcium 39
 NT1 calcium 53
 NT1 carbon 16
 NT1 carbon 17
 NT1 carbon 18
 NT1 carbon 9
 NT1 cerium 119
 NT1 cerium 120
 NT1 cerium 156
 NT1 cerium 157
 NT1 cesium 114
 NT1 cesium 116
 NT1 cesium 145
 NT1 cesium 146
 NT1 cesium 147
 NT1 cesium 148
 NT1 cesium 149
 NT1 cesium 150
 NT1 cesium 151
 NT1 chlorine 31
 NT1 chlorine 32
 NT1 chlorine 50
 NT1 chromium 45
 NT1 chromium 46

NT1 chromium 47
 NT1 chromium 60
 NT1 chromium 62
 NT1 chromium 63
 NT1 chromium 64
 NT1 chromium 65
 NT1 chromium 66
 NT1 chromium 67
 NT1 cobalt 52
 NT1 cobalt 53
 NT1 cobalt 54
 NT1 cobalt 64
 NT1 cobalt 66
 NT1 cobalt 67
 NT1 cobalt 71
 NT1 cobalt 72
 NT1 cobalt 73
 NT1 copernicium 284
 NT1 copper 55
 NT1 copper 56
 NT1 copper 57
 NT1 copper 76
 NT1 copper 77
 NT1 copper 78
 NT1 copper 79
 NT1 copper 80
 NT1 darmstadtium 270
 NT1 darmstadtium 271
 NT1 darmstadtium 273
 NT1 darmstadtium 279
 NT1 dysprosium 138
 NT1 dysprosium 139
 NT1 dysprosium 149
 NT1 erbium 151
 NT1 europium 131
 NT1 europium 132
 NT1 europium 133
 NT1 europium 134
 NT1 europium 165
 NT1 europium 166
 NT1 europium 167
 NT1 fermium 243
 NT1 fermium 244
 NT1 flerovium 286
 NT1 flerovium 287
 NT1 flerovium 288
 NT1 fluorine 24
 NT1 francium 199
 NT1 francium 200
 NT1 francium 201
 NT1 francium 202
 NT1 francium 203
 NT1 francium 206
 NT1 francium 214
 NT1 francium 218
 NT1 francium 219
 NT1 gadolinium 134
 NT1 gadolinium 168
 NT1 gallium 60
 NT1 gallium 62
 NT1 gallium 72
 NT1 gallium 82
 NT1 gallium 83
 NT1 gallium 84
 NT1 germanium 60
 NT1 germanium 61
 NT1 germanium 62
 NT1 germanium 63
 NT1 germanium 71
 NT1 germanium 73
 NT1 germanium 85
 NT1 germanium 87
 NT1 gold 172
 NT1 gold 173
 NT1 gold 174
 NT1 gold 175
 NT1 gold 191
 NT1 hafnium 155
 NT1 hafnium 156

NT1 hafnium 157
 NT1 hassium 265
 NT1 hassium 266
 NT1 hassium 267
 NT1 hassium 275
 NT1 helium 6
 NT1 helium 8
 NT1 holmium 140
 NT1 holmium 141
 NT1 holmium 142
 NT1 holmium 143
 NT1 holmium 144
 NT1 holmium 148
 NT1 indium 114
 NT1 indium 128
 NT1 indium 129
 NT1 indium 130
 NT1 indium 131
 NT1 indium 132
 NT1 indium 133
 NT1 indium 134
 NT1 indium 135
 NT1 indium 97
 NT1 indium 98
 NT1 iodine 108
 NT1 iodine 110
 NT1 iodine 140
 NT1 iodine 141
 NT1 iodine 142
 NT1 iridium 166
 NT1 iridium 167
 NT1 iridium 169
 NT1 iridium 194
 NT1 iron 45
 NT1 iron 46
 NT1 iron 49
 NT1 iron 51
 NT1 iron 69
 NT1 iron 70
 NT1 krypton 71
 NT1 krypton 94
 NT1 krypton 95
 NT1 krypton 99
 NT1 lanthanum 117
 NT1 lanthanum 150
 NT1 lawrencium 257
 NT1 lead 179
 NT1 lead 180
 NT1 lead 181
 NT1 lead 182
 NT1 lead 184
 NT1 lead 205
 NT1 lead 207
 NT1 lithium 10
 NT1 lithium 11
 NT1 lithium 8
 NT1 lithium 9
 NT1 livermorium 290
 NT1 livermorium 291
 NT1 lutetium 150
 NT1 lutetium 151
 NT1 lutetium 152
 NT1 lutetium 153
 NT1 lutetium 155
 NT1 lutetium 156
 NT1 lutetium 161
 NT1 lutetium 170
 NT1 magnesium 19
 NT1 magnesium 20
 NT1 magnesium 21
 NT1 magnesium 30
 NT1 magnesium 31
 NT1 manganese 48
 NT1 manganese 49
 NT1 manganese 50
 NT1 manganese 61
 NT1 manganese 62
 NT1 manganese 63
 NT1 manganese 66

NT1 manganese 67
 NT1 manganese 68
 NT1 manganese 69
 NT1 meitnerium 266
 NT1 meitnerium 267
 NT1 meitnerium 268
 NT1 meitnerium 270
 NT1 meitnerium 275
 NT1 meitnerium 276
 NT1 mendelevium 245
 NT1 mendelevium 246
 NT1 mercury 174
 NT1 mercury 175
 NT1 mercury 176
 NT1 mercury 177
 NT1 mercury 178
 NT1 molybdenum 109
 NT1 molybdenum 111
 NT1 molybdenum 83
 NT1 molybdenum 89
 NT1 moscovium 287
 NT1 moscovium 288
 NT1 neodymium 124
 NT1 neodymium 125
 NT1 neodymium 159
 NT1 neodymium 160
 NT1 neodymium 161
 NT1 neon 17
 NT1 neon 25
 NT1 neon 26
 NT1 neon 31
 NT1 neptunium 226
 NT1 neptunium 227
 NT1 nickel 49
 NT1 nickel 50
 NT1 nickel 52
 NT1 nickel 53
 NT1 nickel 55
 NT1 nickel 73
 NT1 nickel 75
 NT1 nickel 76
 NT1 nickel 80
 NT1 nihonium 283
 NT1 nihonium 284
 NT1 niobium 107
 NT1 niobium 108
 NT1 niobium 109
 NT1 niobium 110
 NT1 niobium 111
 NT1 niobium 113
 NT1 niobium 81
 NT1 niobium 82
 NT1 nitrogen 12
 NT1 nitrogen 18
 NT1 nitrogen 19
 NT1 nobelium 251
 NT1 nobelium 254
 NT1 nobelium 258
 NT1 osmium 162
 NT1 osmium 164
 NT1 osmium 165
 NT1 osmium 166
 NT1 osmium 167
 NT1 oxygen 13
 NT1 oxygen 24
 NT1 palladium 117
 NT1 palladium 119
 NT1 palladium 120
 NT1 palladium 92
 NT1 phosphorus 26
 NT1 phosphorus 27
 NT1 phosphorus 28
 NT1 phosphorus 38
 NT1 platinum 168
 NT1 platinum 169
 NT1 platinum 170
 NT1 platinum 171
 NT1 platinum 172
 NT1 platinum 173

NT1 platinum 174
 NT1 platinum 184
 NT1 plutonium 230
 NT1 polonium 187
 NT1 polonium 189
 NT1 polonium 190
 NT1 polonium 191
 NT1 polonium 192
 NT1 polonium 193
 NT1 polonium 194
 NT1 polonium 211
 NT1 polonium 215
 NT1 polonium 216
 NT1 potassium 35
 NT1 potassium 36
 NT1 potassium 50
 NT1 potassium 51
 NT1 potassium 52
 NT1 potassium 53
 NT1 potassium 54
 NT1 praseodymium 157
 NT1 praseodymium 158
 NT1 praseodymium 159
 NT1 protactinium 212
 NT1 protactinium 213
 NT1 protactinium 214
 NT1 protactinium 215
 NT1 protactinium 216
 NT1 protactinium 217
 NT1 protactinium 222
 NT1 protactinium 223
 NT1 protactinium 224
 NT1 radium 203
 NT1 radium 204
 NT1 radium 205
 NT1 radium 206
 NT1 radium 213
 NT1 radium 215
 NT1 radium 219
 NT1 radium 220
 NT1 radon 193
 NT1 radon 195
 NT1 radon 197
 NT1 radon 198
 NT1 radon 199
 NT1 radon 213
 NT1 radon 218
 NT1 rhenium 161
 NT1 rhenium 162
 NT1 rhenium 163
 NT1 rhenium 164
 NT1 rhodium 115
 NT1 rhodium 116
 NT1 rhodium 118
 NT1 rhodium 120
 NT1 rhodium 121
 NT1 rhodium 122
 NT1 rhodium 92
 NT1 roentgenium 272
 NT1 roentgenium 273
 NT1 roentgenium 274
 NT1 roentgenium 279
 NT1 rubidium 100
 NT1 rubidium 74
 NT1 rubidium 95
 NT1 rubidium 96
 NT1 rubidium 97
 NT1 rubidium 98
 NT1 rubidium 99
 NT1 ruthenium 114
 NT1 ruthenium 115
 NT1 ruthenium 116
 NT1 ruthenium 117
 NT1 ruthenium 118
 NT1 rutherfordium 254
 NT1 rutherfordium 256
 NT1 rutherfordium 258
 NT1 rutherfordium 260
 NT1 rutherfordium 262

NT1 samarium 128
 NT1 samarium 129
 NT1 samarium 164
 NT1 samarium 165
 NT1 scandium 40
 NT1 scandium 41
 NT1 scandium 42
 NT1 scandium 50
 NT1 scandium 56
 NT1 scandium 57
 NT1 scandium 58
 NT1 scandium 59
 NT1 scandium 60
 NT1 seaborgium 258
 NT1 seaborgium 259
 NT1 seaborgium 260
 NT1 seaborgium 261
 NT1 seaborgium 262
 NT1 seaborgium 263
 NT1 seaborgium 264
 NT1 selenium 65
 NT1 selenium 66
 NT1 selenium 67
 NT1 selenium 89
 NT1 selenium 91
 NT1 silicon 24
 NT1 silicon 25
 NT1 silicon 35
 NT1 silicon 36
 NT1 silver 120
 NT1 silver 121
 NT1 silver 123
 NT1 silver 124
 NT1 silver 125
 NT1 silver 126
 NT1 silver 127
 NT1 silver 128
 NT1 silver 129
 NT1 silver 130
 NT1 silver 94
 NT1 silver 95
 NT1 sodium 19
 NT1 sodium 20
 NT1 sodium 24
 NT1 sodium 27
 NT1 sodium 28
 NT1 sodium 29
 NT1 sodium 30
 NT1 sodium 31
 NT1 sodium 32
 NT1 sodium 33
 NT1 sodium 34
 NT1 sodium 35
 NT1 strontium 100
 NT1 strontium 101
 NT1 strontium 102
 NT1 strontium 75
 NT1 strontium 97
 NT1 strontium 98
 NT1 strontium 99
 NT1 sulfur 26
 NT1 sulfur 28
 NT1 sulfur 29
 NT1 tantalum 156
 NT1 tantalum 157
 NT1 tantalum 158
 NT1 tantalum 159
 NT1 tantalum 182
 NT1 technetium 110
 NT1 technetium 111
 NT1 technetium 112
 NT1 technetium 113
 NT1 technetium 114
 NT1 technetium 115
 NT1 technetium 116
 NT1 technetium 117
 NT1 technetium 85
 NT1 technetium 86
 NT1 tellurium 107

NT1 terbium 136
 NT1 terbium 137
 NT1 terbium 138
 NT1 terbium 142
 NT1 terbium 146
 NT1 terbium 171
 NT1 thallium 176
 NT1 thallium 177
 NT1 thallium 178
 NT1 thallium 179
 NT1 thallium 183
 NT1 thorium 209
 NT1 thorium 210
 NT1 thorium 211
 NT1 thorium 212
 NT1 thorium 213
 NT1 thorium 214
 NT1 thorium 216
 NT1 thorium 221
 NT1 thorium 222
 NT1 thorium 223
 NT1 thulium 146
 NT1 thulium 147
 NT1 thulium 150
 NT1 tin 135
 NT1 tin 136
 NT1 tin 137
 NT1 tin 99
 NT1 titanium 39
 NT1 titanium 40
 NT1 titanium 41
 NT1 titanium 42
 NT1 titanium 43
 NT1 titanium 58
 NT1 titanium 59
 NT1 titanium 60
 NT1 titanium 61
 NT1 tungsten 157
 NT1 tungsten 159
 NT1 tungsten 160
 NT1 tungsten 161
 NT1 uranium 217
 NT1 uranium 218
 NT1 uranium 225
 NT1 uranium 226
 NT1 vanadium 42
 NT1 vanadium 44
 NT1 vanadium 45
 NT1 vanadium 46
 NT1 vanadium 64
 NT1 vanadium 65
 NT1 xenon 109
 NT1 xenon 110
 NT1 xenon 111
 NT1 xenon 143
 NT1 xenon 145
 NT1 xenon 147
 NT1 ytterbium 148
 NT1 ytterbium 149
 NT1 ytterbium 154
 NT1 ytterbium 175
 NT1 yttrium 100
 NT1 yttrium 101
 NT1 yttrium 102
 NT1 yttrium 103
 NT1 yttrium 104
 NT1 yttrium 107
 NT1 yttrium 108
 NT1 yttrium 78
 NT1 yttrium 88
 NT1 yttrium 93
 NT1 yttrium 97
 NT1 yttrium 98
 NT1 zinc 57
 NT1 zinc 59
 NT1 zinc 80
 NT1 zinc 81
 NT1 zirconium 105
 NT1 zirconium 79

NT1 zirconium 90
 RT half-life
 RT lifetime

MILLIWATT POWER RANGE

INIS: 1988-04-15; ETDE: 1990-11-05
 UF power range milli w
 BT1 power range
 NT1 power range 01-10 milli w
 NT1 power range 10-100 milli w
 NT1 power range 100-1000 milli w

MILLSTONE-1 REACTOR

*Dominion Nuclear Connecticut, Inc.,
 Waterford, Connecticut, USA. Shut down in
 1995; permanently closed in 1998.*
 *BT1 bwr type reactors

MILLSTONE-2 REACTOR

*Dominion Nuclear Connecticut, Inc.,
 Waterford, Connecticut, USA.*
 *BT1 pwr type reactors

MILLSTONE-3 REACTOR

*Dominion Nuclear Connecticut, Inc.,
 Waterford, Connecticut, USA.*
 *BT1 pwr type reactors

MILNE PROBLEM

RT angular distribution
 RT marshak boundary conditions
 RT neutron transport theory

milrow event

1994-10-14
A test made during OPERATION MANDREL.
 (Prior to September 1994, this was a valid
 ETDE descriptor.)
 USE nuclear explosions
 USE underground explosions

MIM JUNCTIONS

Metal-Insulator-Metal junctions.
 BT1 semiconductor junctions
 BT1 tunnel junctions

mimic

2000-04-12
 (Prior to January 1995, this was a valid ETDE
 descriptor.)
 USE programming languages

MIMOSINE

*BT1 amino acids
 RT leguminosae
 RT toxicity

minami ambiguity

1996-06-28
 (Until June 1996 this was a valid descriptor.)
 SEE angular distribution
 SEE parity

minas gerais university triga reactor

INIS: 1993-11-09; ETDE: 2002-03-28
 USE triga-brazil reactor

MINE CARS

INIS: 2000-04-12; ETDE: 1980-05-23
 *BT1 haulage equipment
 BT1 vehicles
 RT mining
 RT transport

MINE DRAINING

INIS: 1992-04-08; ETDE: 1977-06-24
 RT acid mine drainage
 RT coal mines
 RT drainage
 RT underground mining
 RT water influx

MINE DRIVAGE

INIS: 2000-04-12; ETDE: 1988-11-23
*Driving a drift for development or for use as
 an underground road.*
 RT construction
 RT mine roadways
 RT tunnels
 RT underground mining

MINE HAULAGE

INIS: 2000-04-12; ETDE: 1977-06-24
 BT1 materials handling
 RT chain conveyors
 RT haulage equipment
 RT loaders

mine-mouth generating plants

INIS: 2000-04-12; ETDE: 1979-12-10
 USE coal mines
 USE fossil-fuel power plants

MINE RESCUE

INIS: 2000-04-12; ETDE: 1978-05-03
 BT1 rescue operations
 RT accidents
 RT evacuation
 RT mines
 RT safety

MINE ROADWAYS

INIS: 1993-03-15; ETDE: 1978-05-03
 UF roadways (mines)
 *BT1 tunnels
 RT mine drivage
 RT underground mining

mine safety and health administration

INIS: 2000-04-12; ETDE: 1982-02-08
 USE us msha

MINE SHAFTS

INIS: 1991-12-18; ETDE: 1981-04-17
 (Prior to January 1992, this concept was
 indexed to SHAFT EXCAVATIONS.)
 UF shafts (mine)
 BT1 shaft excavations
 NT1 abandoned shafts
 RT cavities
 RT openings
 RT underground mining

mine site rehabilitation

INIS: 2000-03-28; ETDE: 1990-10-09
 SEE land reclamation
 SEE remedial action

mine tailings

INIS: 1981-02-27; ETDE: 2002-03-28
 USE tailings

mine wastes

INIS: 1993-06-08; ETDE: 2002-03-28
 USE mineral wastes

mineral acids

USE inorganic acids

MINERAL CYCLING

INIS: 1992-02-18; ETDE: 1976-08-24
*The cyclic movement of elemental mineral
 nutrients in ecosystems.*
 RT air-biosphere interactions
 RT biogeochemistry
 RT carbon cycle
 RT carbon sinks
 RT ecological concentration
 RT ecosystems
 RT nitrogen cycle
 RT sulfur cycle

MINERAL INDUSTRY

INIS: 1993-08-04; ETDE: 1976-11-01

UF mining industry
BT1 industry
RT ceramics industry
RT coal industry
RT metal industry
RT oil sand industry
RT oil shale industry
RT petroleum industry

MINERAL-INSULATED CABLES

2008-07-04

*BT1 electric cables
RT buildings
RT fire prevention

mineral oil

INIS: 2000-04-12; ETDE: 1976-03-11

SEE lubricants
SEE petroleum

MINERAL RESOURCES

1995-04-07

The totality of the discovered and undiscovered quantities of a particular mineral or similar commodity, i.e., its crustal abundance.

BT1 resources
NT1 coal deposits
NT2 coal seams
NT1 natural gas deposits
NT2 natural gas fields
NT3 gas condensate fields
NT1 oil shale deposits
NT2 us naval oil shale reserves
NT1 petroleum deposits
NT2 gas condensate fields
NT2 oil fields
NT3 weyburn field
NT2 us naval petroleum reserves
NT1 uranium deposits
NT2 blizzard deposit
NT2 erzgebirge deposit
NT2 jabiluka deposit
NT2 koongarra deposit
NT2 nabarlek deposit
NT2 ranger deposit
NT2 ranstad deposit
NT2 roxby downs deposit
NT2 south alligator deposit
NT2 yeelirrie deposit
RT mineral rights
RT minerals
RT resource management
RT resource potential
RT royalties
RT uranium reserves

MINERAL RIGHTS

INIS: 2000-04-12; ETDE: 1979-07-24

UF mining rights
RT land ownership
RT land use
RT legal aspects
RT mineral resources
RT mining laws
RT ownership

MINERAL SPRINGS

2000-01-26

BT1 water springs
RT hot springs
RT thermal springs

mineral virginia north anna-1 reactor

INIS: 1993-11-09; ETDE: 2002-03-28

USE north anna-1 reactor

mineral virginia north anna-2 reactor

INIS: 1993-11-09; ETDE: 2002-03-28

USE north anna-2 reactor

mineral virginia north anna-3 reactor

INIS: 1993-11-09; ETDE: 2002-03-28

USE north anna-3 reactor

mineral virginia north anna-4 reactor

INIS: 2002-04-03; ETDE: 2002-03-28

USE north anna-4 reactor

MINERAL WASTES

INIS: 1993-06-08; ETDE: 1976-01-23

UF mine wastes
*BT1 solid wastes
NT1 culm
RT dredge spoil
RT spoil banks
RT tailings

MINERAL WOOL

INIS: 2000-04-12; ETDE: 1976-11-01

RT fibers
RT thermal insulation

MINERALIZATION

RT crystallization
RT mineralogy
RT plutonic rocks

MINERALOCORTICOIDS

1996-10-23

(Prior to March 1997 DOCA was a valid ETDE descriptor.)

UF desoxycorticosterone acetate
UF doca
*BT1 corticosteroids
NT1 aldosterone

MINERALOGY

RT mineralization
RT minerals
RT petrochemistry

MINERALS

(From May 1982 till February 1997 ELEMENTAL MINERALS was a valid ETDE descriptor.)

UF elemental minerals
UF lead minerals
UF sodium minerals
UF vanadium minerals
NT1 black sands
NT1 carbonate minerals
NT2 ankerite
NT2 aragonite
NT2 calcite
NT2 dawsonite
NT2 diderichite
NT2 dolomite
NT2 nahcolite
NT2 shortite
NT2 siderite
NT2 trona
NT1 diamonds
NT1 graphite
NT1 halide minerals
NT2 carnallite
NT2 fluorite
NT2 halite
NT1 oxide minerals
NT2 baddeleyite
NT2 bastnaesite
NT2 becquerelite
NT2 billietite
NT2 brannerite

NT2 chrysoberyl
NT2 clarkeite
NT2 compreignacite
NT2 corundum
NT3 ruby
NT3 sapphire
NT2 corvusite
NT2 cristobalite
NT2 ellsworthite
NT2 ferghanite
NT2 ferrite garnets
NT2 gibbsite
NT2 goethite
NT2 guilleminite
NT2 hallimondite
NT2 heinrichite
NT2 hematite
NT2 hollandite
NT2 ianthinite
NT2 ilmenite
NT2 kahlerite
NT2 kaolin
NT2 kirchheimerite
NT2 limonite
NT2 lodochnikite
NT2 lyndochite
NT2 magnetite
NT2 marignacite
NT2 melanovanadite
NT2 moctezumite
NT2 mullite
NT2 naegite
NT2 nogizawalite
NT2 nordstrandite
NT2 novacekite
NT2 para-schoepite
NT2 pascoite
NT2 perovskite
NT2 quartz
NT2 rauvite
NT2 rutile
NT2 schoepite
NT2 sengierite
NT2 silica
NT3 opals
NT2 spinels
NT2 stishovite
NT2 tantalite
NT2 tapiolite
NT2 thorianite
NT2 tyuyamunite
NT2 uraninates
NT3 broeggerite
NT3 pitchblende
NT2 uranium black
NT2 wolframite
NT2 zirconolite
NT1 perovskites
NT2 perovskite
NT1 phosphate minerals
NT2 apatites
NT2 autunite
NT2 monazites
NT2 ningyoite
NT2 saleeite
NT2 torbernite
NT2 xenotime
NT1 pyrochlore
NT1 radioactive minerals
NT2 baddeleyite
NT2 corvusite
NT2 fersmite
NT2 kainosite
NT2 melanovanadite
NT2 pascoite
NT2 rutile
NT2 thorium minerals
NT3 allanite
NT3 bastnaesite

NT3 brannerite
 NT3 ekanite
 NT3 freyalite
 NT3 hydrothorite
 NT3 lodochukite
 NT3 lyndochite
 NT3 mackintoshite
 NT3 maitlandite
 NT3 monazites
 NT3 naegite
 NT3 thorianite
 NT3 thorite
 NT4 jiningite
 NT3 thucholite
 NT3 uranothorite
 NT2 uranium minerals
 NT3 autunite
 NT3 bassetite
 NT3 becquerelite
 NT3 billietite
 NT3 brannerite
 NT3 carnotite
 NT3 clarkeite
 NT3 coffinite
 NT3 compregnacite
 NT3 dewindtite
 NT3 diderichite
 NT3 djalmaitite
 NT3 ekanite
 NT3 ellsworthite
 NT3 ferghanite
 NT3 fourmarierite
 NT3 gastunite
 NT3 guillemite
 NT3 hallimondite
 NT3 heinrichite
 NT3 ianthinite
 NT3 kahlerite
 NT3 kirchheimerite
 NT3 lodochukite
 NT3 mackintoshite
 NT3 moctezumite
 NT3 montroseite
 NT3 naegite
 NT3 natroautunite
 NT3 ningyoite
 NT3 novacekite
 NT3 para-schoepite
 NT3 ranquillite
 NT3 rauvite
 NT3 sabugalite
 NT3 saleeite
 NT3 schoepite
 NT3 sengierite
 NT3 sklodowskite
 NT3 soddyite
 NT3 thorianite
 NT3 thucholite
 NT3 torbernite
 NT3 tyuyamunite
 NT3 uraninates
 NT4 broeggerite
 NT4 pitchblende
 NT3 uranium black
 NT3 uranophane
 NT3 uranothorite
 NT3 vesuvianite
 NT1 silicate minerals
 NT2 alamosite
 NT2 allanite
 NT2 alvite
 NT2 amphibole
 NT3 hornblende
 NT2 beryl
 NT2 chlorite minerals
 NT2 clays
 NT3 attapulgitite
 NT3 bentonite
 NT3 boom clay

NT3 clinoptilolite
 NT3 fullers earth
 NT3 illite
 NT3 kaolin
 NT3 montmorillonite
 NT3 opalinus clay
 NT3 sepiolite
 NT3 smectite
 NT2 coffinite
 NT2 cristobalite
 NT2 diopside
 NT2 ekanite
 NT2 enstatite
 NT2 epidotes
 NT2 feldspars
 NT3 anorthite
 NT3 orthoclase
 NT2 freyalite
 NT2 garnets
 NT2 hedenbergite
 NT2 helvite
 NT2 hydrothorite
 NT2 ilvaite
 NT2 kainosite
 NT2 kaolinite
 NT2 laventite
 NT2 lovozerite
 NT2 mackintoshite
 NT2 maitlandite
 NT2 mesodialyte
 NT2 mica
 NT3 biotite
 NT3 muscovite
 NT3 vermiculite
 NT2 olivine
 NT2 petalite
 NT2 pollucite
 NT2 pyrophyllite
 NT2 ranquillite
 NT2 serpentine
 NT2 sklodowskite
 NT2 soddyite
 NT2 talc
 NT2 thorite
 NT3 jiningite
 NT2 titanite
 NT2 tourmaline
 NT2 uranophane
 NT2 uranothorite
 NT2 zeolites
 NT3 clinoptilolite
 NT3 faujasite
 NT3 heulandite
 NT3 laumontite
 NT3 mordenite
 NT3 wairakite
 NT2 zircon
 NT1 sulfate minerals
 NT2 alunite
 NT2 anhydrite
 NT2 barite
 NT2 gypsum
 NT2 polyhalite
 NT1 sulfide minerals
 NT2 chalcocopyrite
 NT2 galena
 NT2 marcasite
 NT2 pyrite
 NT2 pyrrhotite
 NT3 troilite
 RT concretions
 RT environmental materials
 RT geobarometry
 RT metamict state
 RT mineral resources
 RT mineralogy
 RT ores
 RT rocks
 RT tektites

RT torbanite
 RT translocation

MINERS

BT1 personnel
 NT1 coal miners
 RT life support systems

MINERVE REACTOR

CEA/CEN Cadarache, St. Paul Lez Durance, France.

UF french minerve reactor
 UF zero power critical experiment minerve

*BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 zero power reactors

MINES

1997-06-17

BT1 underground facilities
 NT1 asse salt mine
 NT1 coal mines
 NT1 konrad ore mine
 NT1 uranium mines
 NT2 beaverlodge mine
 NT2 cluff lake mine
 NT2 key lake mine
 NT2 mary kathleen mines
 NT2 olympic dam mine
 NT2 osamu utsumi mine
 NT2 rum jungle mine
 NT2 stanleigh mine

RT abandoned shafts
 RT backfilling
 RT mine rescue
 RT mining
 RT shaft excavations
 RT surface mining
 RT tunnels
 RT underground mining
 RT water influx

mini-serve stations

INIS: 2000-04-12; ETDE: 1979-05-09

USE gasoline service stations

miniata event

2000-04-12

A test made during OPERATION GROMMET. (Prior to January 1995, this was a valid ETDE descriptor.)

USE nuclear explosions
 USE underground explosions

miniature neutron source reactors

2004-03-15

USE mnsr type reactors

MINIATURE SWINE

*BT1 swine

MINIATURIZATION

RT electrical equipment
 RT electronic equipment
 RT measuring instruments
 RT semiconductor devices

MINIMARS REACTOR

INIS: 2000-04-12; ETDE: 1986-04-11

*BT1 magnetic mirror type reactors
 RT mars reactor

MINIMIZATION

INIS: 1983-06-30; ETDE: 1982-08-11

BT1 optimization
 RT augmentation

MINIMUM AVERAGE-B CONFIGURATIONS

UF *average magnetic well*
 *BT1 closed configurations
 RT internal ring devices

MINIMUM-B CONFIGURATIONS

UF *magnetic well*
 *BT1 open configurations
 RT ion rings
 RT tlm configurations

MINING

1996-01-24

NT1 auger mining
 NT1 coal mining
 NT1 hydraulic mining
 NT1 oil sand mining
 NT1 oil shale mining
 NT1 solution mining
 NT1 surface mining
 NT1 underground mining
 NT2 advance mining
 NT2 caving mining
 NT2 longwall mining
 NT2 retreat mining
 NT2 room and pillar mining
 NT2 shortwall mining
 NT2 slice mining
 RT acid mine drainage
 RT belt conveyors
 RT contained explosions
 RT cratering explosions
 RT excavation
 RT explosive fracturing
 RT heading machines
 RT industry
 RT landslides
 RT mine cars
 RT mines
 RT ore composition
 RT overburden
 RT resource exploitation
 RT rock bursts
 RT rock mechanics
 RT shaft excavations
 RT shield supports
 RT underground explosions
 RT uranium ores
 RT working faces

MINING ENGINEERING

INIS: 1993-02-18; ETDE: 1979-09-06

BT1 engineering
 RT auger mining
 RT coal mining
 RT hydraulic mining
 RT oil shale mining
 RT surface mining
 RT underground mining

MINING EQUIPMENT

1994-06-27

BT1 equipment
 NT1 bucket wheel excavators
 NT1 cutting machines
 NT2 cutter loaders
 NT3 coal plows
 NT3 continuous miners
 NT3 heading machines
 NT3 shearer loaders
 NT1 roof bolts
 RT auger mining
 RT chain conveyors
 RT conveyors
 RT draglines
 RT earthmoving equipment
 RT haulage equipment
 RT supports
 RT tunneling machines

mining industry

INIS: 1993-08-04; ETDE: 2002-03-28
 USE mineral industry

MINING LAWS

1990-12-15

(Prior to December 1990, this descriptor was spelled MINING LAW.)

BT1 laws
 NT1 surface mining acts
 RT mineral rights

mining research method

INIS: 2000-04-12; ETDE: 1977-03-04
 USE desulfurization

mining rights

INIS: 2000-04-12; ETDE: 1979-07-24
 USE mineral rights

MINKOWSKI SPACE

*BT1 mathematical space
 RT light cone
 RT lorentz transformations
 RT relativity theory

MINNESOTA

*BT1 usa
 RT mississippi river

minnesota univ linac

2000-04-12

(Prior to February 1996 this was a valid ETDE descriptor.)

USE linear accelerators

MINORITY GROUPS

INIS: 1999-04-30; ETDE: 1978-02-14

Coordinate with a descriptor for the geographical area involved.

UF *ethnic groups*
 UF *racial groups*
 *BT1 human populations
 NT1 american indians
 NT1 black americans
 NT1 elderly people
 NT1 handicapped people
 NT1 high income groups
 NT1 hispanic americans
 NT1 low income groups
 NT1 oriental americans
 NT1 sami people
 RT assimilation
 RT interest groups
 RT sociology
 RT us affirmative action program

MINSK COMPUTERS

BT1 computers

MINT

1999-02-25

Malaysian Institute for Nuclear Technology Research.

UF *malaysian institute for nuclear energy research*
 *BT1 malaysian organizations

MINUS-PLUS RATIO

UF *charge ratio*
 UF *plus-minus ratio*
 BT1 dimensionless numbers
 RT electric charges

MINUTES LIVING RADIOISOTOPES

1997-02-07

*BT1 radioisotopes
 NT1 actinium 222
 NT1 actinium 223
 NT1 actinium 230
 NT1 actinium 231
 NT1 actinium 232

NT1 actinium 233
 NT1 aluminium 28
 NT1 aluminium 29
 NT1 americium 233
 NT1 americium 234
 NT1 americium 235
 NT1 americium 236
 NT1 americium 244
 NT1 americium 246
 NT1 americium 247
 NT1 americium 248
 NT1 americium 249
 NT1 antimony 111
 NT1 antimony 113
 NT1 antimony 114
 NT1 antimony 115
 NT1 antimony 116
 NT1 antimony 118
 NT1 antimony 120
 NT1 antimony 122
 NT1 antimony 124
 NT1 antimony 126
 NT1 antimony 128
 NT1 antimony 129
 NT1 antimony 130
 NT1 antimony 131
 NT1 antimony 132
 NT1 antimony 133
 NT1 argon 43
 NT1 argon 44
 NT1 arsenic 68
 NT1 arsenic 69
 NT1 arsenic 70
 NT1 arsenic 79
 NT1 astatine 201
 NT1 astatine 202
 NT1 astatine 203
 NT1 astatine 204
 NT1 astatine 205
 NT1 astatine 206
 NT1 astatine 220
 NT1 astatine 221
 NT1 barium 122
 NT1 barium 123
 NT1 barium 124
 NT1 barium 125
 NT1 barium 127
 NT1 barium 131
 NT1 barium 137
 NT1 barium 141
 NT1 barium 142
 NT1 berkelium 238
 NT1 berkelium 239
 NT1 berkelium 240
 NT1 berkelium 242
 NT1 berkelium 251
 NT1 berkelium 252
 NT1 berkelium 253
 NT1 berkelium 254
 NT1 bismuth 193
 NT1 bismuth 194
 NT1 bismuth 195
 NT1 bismuth 196
 NT1 bismuth 197
 NT1 bismuth 198
 NT1 bismuth 199
 NT1 bismuth 200
 NT1 bismuth 201
 NT1 bismuth 211
 NT1 bismuth 212
 NT1 bismuth 213
 NT1 bismuth 214
 NT1 bismuth 215
 NT1 bismuth 216
 NT1 bohrium 275
 NT1 bromine 72
 NT1 bromine 73
 NT1 bromine 74
 NT1 bromine 77

NT1 bromine 78
 NT1 bromine 80
 NT1 bromine 82
 NT1 bromine 84
 NT1 bromine 85
 NT1 cadmium 100
 NT1 cadmium 101
 NT1 cadmium 102
 NT1 cadmium 103
 NT1 cadmium 104
 NT1 cadmium 105
 NT1 cadmium 111
 NT1 cadmium 118
 NT1 cadmium 119
 NT1 calcium 49
 NT1 californium 240
 NT1 californium 241
 NT1 californium 242
 NT1 californium 243
 NT1 californium 244
 NT1 californium 245
 NT1 californium 256
 NT1 carbon 11
 NT1 cerium 128
 NT1 cerium 129
 NT1 cerium 130
 NT1 cerium 131
 NT1 cerium 145
 NT1 cerium 146
 NT1 cesium 120
 NT1 cesium 121
 NT1 cesium 122
 NT1 cesium 123
 NT1 cesium 125
 NT1 cesium 126
 NT1 cesium 128
 NT1 cesium 130
 NT1 cesium 135
 NT1 cesium 138
 NT1 cesium 139
 NT1 cesium 140
 NT1 chlorine 34
 NT1 chlorine 38
 NT1 chlorine 39
 NT1 chlorine 40
 NT1 chromium 49
 NT1 chromium 55
 NT1 chromium 56
 NT1 cobalt 54
 NT1 cobalt 60
 NT1 cobalt 62
 NT1 copernicium 283
 NT1 copernicium 285
 NT1 copper 59
 NT1 copper 60
 NT1 copper 62
 NT1 copper 66
 NT1 copper 68
 NT1 copper 69
 NT1 curium 233
 NT1 curium 234
 NT1 curium 235
 NT1 curium 236
 NT1 curium 237
 NT1 curium 251
 NT1 dubnium 264
 NT1 dubnium 265
 NT1 dubnium 266
 NT1 dysprosium 147
 NT1 dysprosium 148
 NT1 dysprosium 149
 NT1 dysprosium 150
 NT1 dysprosium 151
 NT1 dysprosium 165
 NT1 dysprosium 167
 NT1 dysprosium 168
 NT1 einsteinium 245
 NT1 einsteinium 246
 NT1 einsteinium 247

NT1 einsteinium 248
 NT1 einsteinium 256
 NT1 erbium 154
 NT1 erbium 155
 NT1 erbium 156
 NT1 erbium 157
 NT1 erbium 159
 NT1 erbium 173
 NT1 erbium 174
 NT1 europium 142
 NT1 europium 143
 NT1 europium 154
 NT1 europium 158
 NT1 europium 159
 NT1 fermium 249
 NT1 fermium 250
 NT1 fluorine 17
 NT1 francium 210
 NT1 francium 211
 NT1 francium 212
 NT1 francium 221
 NT1 francium 222
 NT1 francium 223
 NT1 francium 224
 NT1 francium 225
 NT1 francium 227
 NT1 gadolinium 142
 NT1 gadolinium 143
 NT1 gadolinium 144
 NT1 gadolinium 145
 NT1 gadolinium 161
 NT1 gadolinium 162
 NT1 gadolinium 163
 NT1 gallium 64
 NT1 gallium 65
 NT1 gallium 70
 NT1 gallium 74
 NT1 gallium 75
 NT1 germanium 64
 NT1 germanium 67
 NT1 gold 185
 NT1 gold 186
 NT1 gold 187
 NT1 gold 188
 NT1 gold 189
 NT1 gold 190
 NT1 gold 200
 NT1 gold 201
 NT1 hafnium 164
 NT1 hafnium 165
 NT1 hafnium 166
 NT1 hafnium 167
 NT1 hafnium 168
 NT1 hafnium 169
 NT1 hafnium 177
 NT1 hassium 274
 NT1 holmium 150
 NT1 holmium 152
 NT1 holmium 153
 NT1 holmium 154
 NT1 holmium 155
 NT1 holmium 156
 NT1 holmium 157
 NT1 holmium 158
 NT1 holmium 159
 NT1 holmium 160
 NT1 holmium 162
 NT1 holmium 164
 NT1 holmium 168
 NT1 holmium 169
 NT1 holmium 170
 NT1 indium 103
 NT1 indium 104
 NT1 indium 105
 NT1 indium 106
 NT1 indium 107
 NT1 indium 108
 NT1 indium 109
 NT1 indium 111

NT1 indium 112
 NT1 indium 114
 NT1 indium 116
 NT1 indium 117
 NT1 indium 118
 NT1 indium 119
 NT1 indium 121
 NT1 iodine 115
 NT1 iodine 117
 NT1 iodine 118
 NT1 iodine 119
 NT1 iodine 120
 NT1 iodine 122
 NT1 iodine 128
 NT1 iodine 130
 NT1 iodine 134
 NT1 iodine 136
 NT1 iridium 179
 NT1 iridium 180
 NT1 iridium 181
 NT1 iridium 182
 NT1 iridium 183
 NT1 iridium 192
 NT1 iridium 197
 NT1 iron 53
 NT1 iron 61
 NT1 iron 62
 NT1 krypton 74
 NT1 krypton 75
 NT1 krypton 89
 NT1 lanthanum 125
 NT1 lanthanum 126
 NT1 lanthanum 127
 NT1 lanthanum 128
 NT1 lanthanum 129
 NT1 lanthanum 130
 NT1 lanthanum 131
 NT1 lanthanum 132
 NT1 lanthanum 134
 NT1 lanthanum 136
 NT1 lanthanum 143
 NT1 lawrencium 260
 NT1 lead 190
 NT1 lead 191
 NT1 lead 192
 NT1 lead 193
 NT1 lead 194
 NT1 lead 195
 NT1 lead 196
 NT1 lead 197
 NT1 lead 199
 NT1 lead 201
 NT1 lead 211
 NT1 lead 213
 NT1 lead 214
 NT1 lutetium 161
 NT1 lutetium 162
 NT1 lutetium 163
 NT1 lutetium 164
 NT1 lutetium 165
 NT1 lutetium 166
 NT1 lutetium 167
 NT1 lutetium 168
 NT1 lutetium 169
 NT1 lutetium 171
 NT1 lutetium 172
 NT1 lutetium 178
 NT1 lutetium 180
 NT1 lutetium 181
 NT1 lutetium 182
 NT1 lutetium 187
 NT1 magnesium 27
 NT1 manganese 50
 NT1 manganese 51
 NT1 manganese 52
 NT1 manganese 57
 NT1 manganese 58
 NT1 meitnerium 265
 NT1 meitnerium 279

NT1 mendelevium 251
 NT1 mendelevium 252
 NT1 mendelevium 253
 NT1 mendelevium 254
 NT1 mendelevium 255
 NT1 mendelevium 258
 NT1 mercury 186
 NT1 mercury 187
 NT1 mercury 188
 NT1 mercury 189
 NT1 mercury 190
 NT1 mercury 191
 NT1 mercury 199
 NT1 mercury 205
 NT1 mercury 206
 NT1 molybdenum 101
 NT1 molybdenum 102
 NT1 molybdenum 103
 NT1 molybdenum 104
 NT1 molybdenum 88
 NT1 molybdenum 89
 NT1 molybdenum 91
 NT1 neodymium 132
 NT1 neodymium 133
 NT1 neodymium 134
 NT1 neodymium 135
 NT1 neodymium 136
 NT1 neodymium 137
 NT1 neodymium 139
 NT1 neodymium 141
 NT1 neodymium 151
 NT1 neodymium 152
 NT1 neon 24
 NT1 neptunium 229
 NT1 neptunium 230
 NT1 neptunium 231
 NT1 neptunium 232
 NT1 neptunium 233
 NT1 neptunium 240
 NT1 neptunium 241
 NT1 neptunium 242
 NT1 neptunium 243
 NT1 neptunium 244
 NT1 niobium 85
 NT1 niobium 86
 NT1 niobium 87
 NT1 niobium 88
 NT1 niobium 94
 NT1 niobium 98
 NT1 niobium 99
 NT1 nitrogen 13
 NT1 nobelium 253
 NT1 nobelium 255
 NT1 nobelium 259
 NT1 osmium 175
 NT1 osmium 176
 NT1 osmium 177
 NT1 osmium 178
 NT1 osmium 179
 NT1 osmium 180
 NT1 osmium 181
 NT1 osmium 190
 NT1 osmium 195
 NT1 osmium 196
 NT1 osmium 197
 NT1 oxygen 14
 NT1 oxygen 15
 NT1 palladium 109
 NT1 palladium 111
 NT1 palladium 113
 NT1 palladium 114
 NT1 palladium 96
 NT1 palladium 97
 NT1 palladium 98
 NT1 palladium 99
 NT1 phosphorus 30
 NT1 platinum 182
 NT1 platinum 183
 NT1 platinum 184

NT1 platinum 185
 NT1 platinum 199
 NT1 platinum 201
 NT1 plutonium 232
 NT1 plutonium 233
 NT1 plutonium 235
 NT1 polonium 198
 NT1 polonium 199
 NT1 polonium 200
 NT1 polonium 201
 NT1 polonium 202
 NT1 polonium 203
 NT1 polonium 218
 NT1 potassium 38
 NT1 potassium 44
 NT1 potassium 45
 NT1 potassium 46
 NT1 praseodymium 131
 NT1 praseodymium 132
 NT1 praseodymium 133
 NT1 praseodymium 134
 NT1 praseodymium 135
 NT1 praseodymium 136
 NT1 praseodymium 138
 NT1 praseodymium 140
 NT1 praseodymium 142
 NT1 praseodymium 144
 NT1 praseodymium 146
 NT1 praseodymium 147
 NT1 praseodymium 148
 NT1 praseodymium 149
 NT1 promethium 136
 NT1 promethium 137
 NT1 promethium 138
 NT1 promethium 139
 NT1 promethium 140
 NT1 promethium 141
 NT1 promethium 152
 NT1 promethium 153
 NT1 promethium 154
 NT1 protactinium 226
 NT1 protactinium 227
 NT1 protactinium 234
 NT1 protactinium 235
 NT1 protactinium 236
 NT1 protactinium 237
 NT1 protactinium 238
 NT1 radium 213
 NT1 radium 227
 NT1 radium 229
 NT1 radium 231
 NT1 radium 232
 NT1 radon 204
 NT1 radon 205
 NT1 radon 206
 NT1 radon 207
 NT1 radon 208
 NT1 radon 209
 NT1 radon 212
 NT1 radon 221
 NT1 radon 223
 NT1 radon 225
 NT1 radon 226
 NT1 rhenium 173
 NT1 rhenium 174
 NT1 rhenium 175
 NT1 rhenium 176
 NT1 rhenium 177
 NT1 rhenium 178
 NT1 rhenium 179
 NT1 rhenium 180
 NT1 rhenium 188
 NT1 rhenium 190
 NT1 rhenium 191
 NT1 rhodium 100
 NT1 rhodium 103
 NT1 rhodium 104
 NT1 rhodium 107
 NT1 rhodium 108

NT1 rhodium 109
 NT1 rhodium 94
 NT1 rhodium 95
 NT1 rhodium 96
 NT1 rhodium 97
 NT1 rhodium 98
 NT1 rubidium 77
 NT1 rubidium 78
 NT1 rubidium 79
 NT1 rubidium 81
 NT1 rubidium 82
 NT1 rubidium 84
 NT1 rubidium 86
 NT1 rubidium 88
 NT1 rubidium 89
 NT1 rubidium 90
 NT1 ruthenium 107
 NT1 ruthenium 108
 NT1 ruthenium 92
 NT1 ruthenium 93
 NT1 ruthenium 94
 NT1 rutherfordium 261
 NT1 rutherfordium 263
 NT1 samarium 138
 NT1 samarium 139
 NT1 samarium 140
 NT1 samarium 141
 NT1 samarium 143
 NT1 samarium 155
 NT1 samarium 157
 NT1 samarium 158
 NT1 scandium 49
 NT1 scandium 50
 NT1 seaborgium 270
 NT1 seaborgium 271
 NT1 selenium 68
 NT1 selenium 70
 NT1 selenium 71
 NT1 selenium 73
 NT1 selenium 79
 NT1 selenium 81
 NT1 selenium 83
 NT1 selenium 84
 NT1 silver 100
 NT1 silver 101
 NT1 silver 102
 NT1 silver 104
 NT1 silver 105
 NT1 silver 106
 NT1 silver 108
 NT1 silver 111
 NT1 silver 113
 NT1 silver 115
 NT1 silver 116
 NT1 silver 117
 NT1 silver 99
 NT1 strontium 78
 NT1 strontium 79
 NT1 strontium 81
 NT1 strontium 93
 NT1 strontium 94
 NT1 sulfur 37
 NT1 tantalum 167
 NT1 tantalum 168
 NT1 tantalum 169
 NT1 tantalum 170
 NT1 tantalum 171
 NT1 tantalum 172
 NT1 tantalum 178
 NT1 tantalum 182
 NT1 tantalum 185
 NT1 tantalum 186
 NT1 tantalum 187
 NT1 technetium 101
 NT1 technetium 102
 NT1 technetium 104
 NT1 technetium 105
 NT1 technetium 91
 NT1 technetium 92

NT1 technetium 93
NT1 technetium 94
NT1 technetium 96
NT1 tellurium 112
NT1 tellurium 113
NT1 tellurium 114
NT1 tellurium 115
NT1 tellurium 131
NT1 tellurium 133
NT1 tellurium 134
NT1 terbium 147
NT1 terbium 148
NT1 terbium 149
NT1 terbium 150
NT1 terbium 152
NT1 terbium 162
NT1 terbium 163
NT1 terbium 164
NT1 terbium 165
NT1 thallium 188
NT1 thallium 189
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NT1 thallium 192
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NT1 thallium 206
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NT1 thallium 210
NT1 thorium 225
NT1 thorium 226
NT1 thorium 233
NT1 thorium 235
NT1 thorium 236
NT1 thorium 237
NT1 thulium 156
NT1 thulium 157
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NT1 thulium 177
NT1 tin 106
NT1 tin 107
NT1 tin 108
NT1 tin 109
NT1 tin 111
NT1 tin 113
NT1 tin 123
NT1 tin 125
NT1 tin 127
NT1 tin 128
NT1 tin 129
NT1 tin 130
NT1 tin 131
NT1 titanium 51
NT1 titanium 52
NT1 tungsten 170
NT1 tungsten 171
NT1 tungsten 172
NT1 tungsten 173
NT1 tungsten 174
NT1 tungsten 175
NT1 tungsten 179
NT1 tungsten 185
NT1 tungsten 189
NT1 tungsten 190
NT1 uranium 227
NT1 uranium 228
NT1 uranium 229
NT1 uranium 235
NT1 uranium 239

NT1 uranium 241
NT1 uranium 242
NT1 vanadium 47
NT1 vanadium 52
NT1 vanadium 53
NT1 xenon 117
NT1 xenon 118
NT1 xenon 119
NT1 xenon 120
NT1 xenon 121
NT1 xenon 127
NT1 xenon 135
NT1 xenon 137
NT1 xenon 138
NT1 ytterbium 158
NT1 ytterbium 159
NT1 ytterbium 160
NT1 ytterbium 161
NT1 ytterbium 162
NT1 ytterbium 163
NT1 ytterbium 165
NT1 ytterbium 167
NT1 ytterbium 179
NT1 ytterbium 180
NT1 yttrium 81
NT1 yttrium 83
NT1 yttrium 84
NT1 yttrium 86
NT1 yttrium 91
NT1 yttrium 94
NT1 yttrium 95
NT1 zinc 60
NT1 zinc 61
NT1 zinc 63
NT1 zinc 69
NT1 zinc 71
NT1 zinc 74
NT1 zirconium 81
NT1 zirconium 82
NT1 zirconium 84
NT1 zirconium 85
NT1 zirconium 89
RT half-life
RT lifetime

MIOCENE EPOCH

INIS: 1992-04-14; ETDE: 1977-10-20

***BT1** tertiary period
RT geologic history

miq

USE maximum inhalation quantity

MIR ORBITAL STATION

INIS: 1989-10-30; ETDE: 1989-11-21

BT1 satellites
***BT1** space vehicles

MIR REACTOR

UF *meleless-mir reactor*
***BT1** experimental reactors
***BT1** tank type reactors
***BT1** thermal reactors
***BT1** water cooled reactors
***BT1** water moderated reactors

mirror advanced reactor study

INIS: 2000-04-12; ETDE: 1983-06-20

USE mars reactor

mirror fusion test facility

INIS: 2000-04-12; ETDE: 1977-10-19

USE mftf devices

MIRROR NUCLEI

BT1 nuclei
RT isobaric nuclei

MIRROR RATIO

INIS: 1975-08-20; ETDE: 1975-10-01

BT1 dimensionless numbers

RT magnetic fields
RT magnetic mirror configurations
RT magnetic mirrors

MIRRORS

1975-10-09

(From January 1975 until March 1996 FLAT MIRRORS was a valid ETDE descriptor.)

UF *flat mirrors*
NT1 electrostatic mirrors
NT1 fresnel reflectors
NT1 heat mirrors
NT1 laser mirrors
RT optical properties
RT optical systems
RT parabolic reflectors
RT reflection
RT solar concentrators
RT solar reflectors
RT telescopes

mirrors (magnetic)

USE magnetic mirrors

MIS SOLAR CELLS

INIS: 2000-04-12; ETDE: 1981-07-18

UF *metal-insulator-semiconductor solar cells*
***BT1** solar cells
RT mis transistors
RT schottky barrier solar cells

MIS TRANSISTORS

1997-06-17

Metal Insulator Silicon transistors.

***BT1** transistors
RT mis solar cells

MISCH METAL

***BT1** cerium base alloys
***BT1** lanthanum alloys

miscibility

INIS: 2000-04-12; ETDE: 1979-07-18

USE solubility

miscible flooding

INIS: 1992-01-15; ETDE: 1976-03-11

USE miscible-phase displacement

MISCIBLE-PHASE DISPLACEMENT

INIS: 1992-01-15; ETDE: 1976-03-11

UF *miscible flooding*
BT1 fluid injection
NT1 carbon dioxide injection
NT1 microemulsion flooding
RT enhanced recovery
RT petroleum

MISCO METAL

2000-04-12

***BT1** chromium alloys
***BT1** iron alloys
***BT1** nickel alloys

misgurnus

USE fishes

MISONIDAZOLE

INIS: 1981-08-06; ETDE: 1981-01-09

UF *2-nitroimidazole*
UF *ro-07-0582*
***BT1** alcohols
***BT1** antineoplastic drugs
***BT1** imidazoles
***BT1** nitro compounds
***BT1** radiosensitizers
RT chemotherapy

MISSILE LAUNCHING SITES

INIS: 2000-04-12; ETDE: 1980-01-15

RT launching

RT missiles
RT rockets

MISSILE PROTECTION

1975-10-23

RT impact shock
RT reactor accidents
RT reactor protection systems
RT reactor safety

MISSILE SILOS

2000-04-12

RT missiles
RT national defense

MISSILES

NT1 cruise missiles
RT ammunition
RT flight testing
RT launching
RT missile launching sites
RT missile silos
RT propulsion systems
RT reentry
RT reentry vehicles
RT rockets
RT thrusters

MISSING MASS

The unobserved mass resulting from neutral particles in a particle-particle interaction.

BT1 mass
RT missing-mass spectra
RT missing-mass spectrometers
RT neutral particles

MISSING-MASS SPECTRA

BT1 spectra
RT abc effect
RT missing mass
RT missing-mass spectrometers

MISSING-MASS SPECTROMETERS

*BT1 spectrometers
RT missing mass
RT missing-mass spectra
RT neutral particles

mission analysis

INIS: 2000-04-12; ETDE: 1979-12-10

A systematic approach to evaluation of the potential feasible applications of a generic new technology. See also MANAGEMENT.
(Prior to March 1997 this was a valid ETDE descriptor.)

USE feasibility studies
USE technology utilization

MISSISSIPPI

*BT1 usa
RT chattanooga formation
RT mississippi river
RT us gulf coast

MISSISSIPPI RIVER

*BT1 rivers
RT arkansas
RT illinois
RT iowa
RT kentucky
RT louisiana
RT minnesota
RT mississippi
RT mississippi river basin
RT missouri
RT tennessee
RT wisconsin

MISSISSIPPI RIVER BASIN

INIS: 1992-01-14; ETDE: 1977-04-12

BT1 watersheds
RT mississippi river

mississippian period

INIS: 1992-05-22; ETDE: 1977-10-19

(Prior to April 1990 this was a valid ETDE descriptor.)

USE carboniferous period

MISSOURI

*BT1 usa
RT chattanooga formation
RT kansas city plant
RT mississippi river
RT missouri river
RT missouri river basin
RT white river basin

MISSOURI RIVER

1997-06-17

*BT1 rivers
RT iowa
RT kansas
RT missouri
RT missouri river basin
RT montana
RT nebraska
RT north dakota
RT south dakota

MISSOURI RIVER BASIN

INIS: 2000-04-12; ETDE: 1977-06-24

BT1 watersheds
RT missouri
RT missouri river

missouri school of mines reactor

INIS: 1993-11-09; ETDE: 2002-03-28

USE umrr reactor

missouri university/columbia research reactor

1993-11-09

USE murr reactor

missouri university/rolla research reactor

1993-11-09

USE umrr reactor

MIST EXTRACTORS

INIS: 2000-04-12; ETDE: 1977-03-08

Devices that remove liquid mist or droplets from a gas stream via impingement, flow-direction change, velocity change, centrifugal force, filters, or coalescing packs.

UF entrainment separators
*BT1 extraction apparatuses

MIST-LIFT CYCLES

INIS: 2000-04-12; ETDE: 1980-08-12

UF otec mist-lift cycle
SF beck cycle
*BT1 lift cycles

MIT BATES LINAC

INIS: 1977-11-21; ETDE: 1978-03-08

Bates Electron Linear Accelerator Facility at MIT.

UF bates linac mit
*BT1 linear accelerators

MITES

*BT1 arachnids
RT disease vectors
RT parasites
RT pest control

MITIGATION

INIS: 1985-09-09; ETDE: 1983-07-20

Abatement or diminution of something painful, injurious, severe, or calamitous.

RT control
RT modifications

RT optimization
RT pollution abatement

MITOCHONDRIA

BT1 cell constituents
RT cytoplasm
RT krebs cycle
RT subcellular distribution

MITOGENS

INIS: 1981-10-15; ETDE: 1978-11-14

Substances that induce cell division or stimulate cells to undergo blastogenic activity.

NT1 erythropoietin
NT1 growth factors
NT2 lymphokines
NT3 interferon
NT1 phytohemagglutinin
RT cell division
RT immunology
RT response modifying factors
RT stimulation
RT tissue extracts

MITOMYCIN

*BT1 antibiotics
*BT1 antimitotic drugs
*BT1 antineoplastic drugs

MITOSIS

1995-01-27

UF anaphase
UF metaphase
UF prophase
UF telophase
BT1 cell division
RT antimitotic drugs
RT centromeres
RT chromosomes
RT concanavalin a
RT crossing-over
RT human chromosomes
RT mitotic delay
RT mitotic index
RT phytohemagglutinin

MITOTIC DELAY

RT mitosis

MITOTIC INDEX

RT mitosis

MITR REACTOR

Massachusetts Institute of Technology, Nuclear Research Lab., Cambridge Massachusetts, USA.

UF massachusetts institute of technology reactor
*BT1 enriched uranium reactors
*BT1 heavy water cooled reactors
*BT1 heavy water moderated reactors
*BT1 research reactors
*BT1 tank type reactors
*BT1 thermal reactors
*BT1 training reactors

mius (modular integrated utility systems)

INIS: 2000-04-12; ETDE: 2005-02-10

(Prior to January 2005 MIUS was a valid descriptor.)

USE modular integrated utility systems

MIXED BED ION EXCHANGERS

*BT1 ion exchange materials

MIXED CARBIDE FUELS

INIS: 1982-09-21; ETDE: 1982-02-23

Index also the specific carbides if important.

*BT1 nuclear fuels
*BT1 solid fuels
RT coral reprocessing plant

RT plutonium carbides
RT uranium carbides

mixed-function oxidase systems

INIS: 2000-04-12; ETDE: 1980-01-15
(Prior to January 1981, this was a valid ETDE descriptor.)

USE mixed-function oxidases

MIXED-FUNCTION OXIDASES

INIS: 2000-04-12; ETDE: 1981-01-30

UF mixed-function oxidase systems
*BT1 oxygenases
RT aryl 4-monooxygenase
RT cytochrome oxidase
RT cytochromes
RT microsomes

mixed media

USE mixed solvents

MIXED NITRIDE FUELS

1988-10-10

Uranium nitride mixed with plutonium nitride or other nitrides. Index other nitrides if important.

*BT1 nuclear fuels
*BT1 solid fuels
RT ceramics
RT plutonium nitrides
RT uranium nitrides

MIXED OXIDE FUEL FABRICATION PLANTS

1994-08-12

(Until August 1994 this descriptor was spelled MIXED OXIDE FUEL PLANT.)

UF mixed oxide fuel plant
UF uranium oxide fuel plant
*BT1 fuel fabrication plants

mixed oxide fuel plant

INIS: 1994-08-12; ETDE: 2002-03-28

USE mixed oxide fuel fabrication plants

MIXED OXIDE FUELS

INIS: 1980-04-02; ETDE: 1980-05-07

Uranium dioxide mixed with other oxide(s); index also the other oxide(s) if important.

*BT1 nuclear fuels
*BT1 solid fuels
RT ceramics

MIXED SOLVENTS

UF mixed media
*BT1 mixtures
BT1 solvents

MIXED SPECTRUM REACTORS

UF br-3-vn reactor
UF fast-mixed spectrum reactor
BT1 reactors
NT1 acpr reactor
NT1 browns ferry-1 reactor
NT1 browns ferry-2 reactor
NT1 browns ferry-3 reactor
NT1 diorit reactor
NT1 nsrr reactor
NT1 omre reactor
NT1 rpt reactor

MIXED STATE

1994-07-01

A state of partial penetration of magnetic fields in orderly arrays of magnetic flux in vortices, usually thought of as a state of Type-II superconductivity only.

RT superconductivity

MIXED STATES

2011-01-25

Quantum states which can be described only as a blend of several pure states.

BT1 quantum states
RT density matrix

MIXER-SETTLERS

*BT1 extraction apparatuses
RT laboratory equipment
RT mixers
RT mixing

MIXERS

INIS: 1992-09-04; ETDE: 1976-01-23

UF blenders
SF mullers
*BT1 materials handling equipment
RT mixer-settlers

MIXING

Not for the concept covered by CONFIGURATION MIXING.

UF blending
RT aeration
RT diffusion
RT mixer-settlers
RT mixtures
RT solubility
RT stirring
RT turbulence

mixing (genetic)

USE hybridization

MIXING ANGLE

2015-11-27

NT1 neutrino mixing angle
NT1 weinberg angle
RT mixing ratio

MIXING HEAT

UF heat of mixing
*BT1 enthalpy
RT solution heat

mixing matrix (kobayashi-maskawa)

INIS: 1984-01-18; ETDE: 2002-03-28

USE kobayashi-maskawa matrix

MIXING RATIO

BT1 dimensionless numbers
RT branching ratio
RT decay
RT energy-level transitions
RT mixing angle
RT multipolarity
RT multipoles
RT neutrino oscillation
RT particle production
RT weinberg angle

MIXTURES

BT1 dispersions
NT1 binary mixtures
NT1 homogeneous mixtures
NT2 solutions
NT3 aqueous solutions
NT3 fuel solutions
NT3 hypertonic solutions
NT3 isotonic solutions
NT3 leachates
NT3 process solutions
NT3 solid solutions
NT1 mixed solvents
NT1 slurries
NT2 fuel slurries
RT compatibility
RT mixing

ML-1 REACTOR

2000-04-12

INEEL, Idaho Falls, Idaho, USA. Shut down in 1964.

UF mobile low power plant-1
*BT1 enriched uranium reactors
*BT1 mobile reactors
*BT1 nitrogen cooled reactors
*BT1 power reactors
*BT1 water moderated reactors

mlis

2010-02-24

Molecular Laser Isotope Separation

USE laser isotope separation

mm-0011

INIS: 2000-04-12; ETDE: 1978-12-20

USE nickel base alloys

mms

INIS: 1985-07-22; ETDE: 1976-05-17

(Prior to August 1985 this was a valid descriptor.)

USE methyl methanesulfonate

mn-21

INIS: 2000-04-12; ETDE: 1978-12-20

USE alloy-mn-21

MNR REACTOR

McMaster Univ., Hamilton, Ontario, Canada.

UF mc master university nuclear reactor
*BT1 enriched uranium reactors
*BT1 isotope production reactors
*BT1 pool type reactors
*BT1 research reactors

mns reactor

1991-02-11

(Prior to March 2004 this was a valid descriptor.)

USE mnsr-ciae reactor

MNSR-CIAE REACTOR

2004-03-15

CIAE, Beijing, China.

(Prior to March 2004 the descriptor MNS REACTOR was used for this reactor.)

UF beijing miniature neutron source reactor
UF mns reactor
*BT1 mnsr type reactors
RT caie

MNSR-SD REACTOR

2004-03-15

Research Institute of Geological Science, Shandong, China. Decommissioned since 2011.

UF shandong miniature neutron source reactor
*BT1 mnsr type reactors

MNSR-SH REACTOR

2004-03-15

Shanghai Testing and Research Institute, China. Decommissioned since 2008

UF shanghai miniature neutron source reactor
*BT1 mnsr type reactors

MNSR-SZ REACTOR

2004-03-15

Shenzen Univ., China.

UF shenzen miniature neutron source reactor
*BT1 mnsr type reactors

MNSR TYPE REACTORS

2004-03-15

UF miniature neutron source reactors

*BT1 enriched uranium reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 thermal reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors
 NT1 entc mnsr reactor
 NT1 gharr-1 reactor
 NT1 mnsr-ciae reactor
 NT1 mnsr-sd reactor
 NT1 mnsr-sh reactor
 NT1 mnsr-sz reactor
 NT1 nirr-1 reactor
 NT1 parr-2 reactor
 NT1 srr-1 reactor

mnu

INIS: 2000-04-12; ETDE: 1980-07-23
 USE methyl nitrosourea

mo-re 1

INIS: 2000-04-12; ETDE: 1979-08-09
 USE alloy-mo-re-1

mo-re 2

INIS: 2000-04-12; ETDE: 1979-10-23
 USE alloy-mo-re-2

MOATA REACTOR

Australian Atomic Energy Commission
 Research Establishment, Lucas Heights,
 Australia. Decommissioned, shutdown since
 1995.

UF australian moata reactor
 *BT1 argonaut type reactors
 *BT1 research reactors
 *BT1 training reactors

MOBIL M-GASOLINE PROCESS

INIS: 2000-04-12; ETDE: 1976-12-16
 One-step catalytic conversion of methanol to
 gasoline. Crude methanol is produced from
 coal gasification synthesis gas or natural gas.
 RT gasoline
 RT gasoline plants
 RT synthetic fuels
 RT synthetic petroleum

MOBILE HOMES

2000-04-12
 *BT1 residential buildings
 RT households
 RT houses
 RT prefabricated buildings
 RT residential sector
 RT vehicles

mobile low power plant-1

2000-04-12
 USE ml-1 reactor

MOBILE PHONES

2015-04-16
 BT1 telephones

MOBILE POLLUTANT SOURCES

INIS: 1992-03-09; ETDE: 1978-04-05
 Use for general articles when sources are not
 named. See also specific mobile sources e.g.,
 AUTOMOBILES.
 BT1 pollution sources
 RT air pollution
 RT point pollutant sources
 RT pollution
 RT stationary pollutant sources

MOBILE REACTORS

Designed to be movable while in operation.
 SF 710 reactor
 BT1 reactors
 NT1 mh-1a reactor
 NT1 ml-1 reactor

NT1 s1c prototype reactor
 NT1 space power reactors
 NT2 snap reactors
 NT3 snap 10 reactor
 NT4 s10fs-1 reactor
 NT4 s10fs-3 reactor
 NT4 s10fs-4 reactor
 NT3 snap 2 reactor
 NT4 s2ds reactor
 NT3 snap 50 reactor
 NT3 snap 8 reactor
 NT4 s8dr reactor
 NT4 s8er reactor
 NT2 space propulsion reactors
 NT3 kiwi reactors
 NT4 kiwi-tnt reactor
 NT3 nerva reactor
 NT3 nrx-a1 reactor
 NT3 nrx-a2 reactor
 NT3 nrx-a3 reactor
 NT3 nrx-a4-est reactor
 NT3 nrx-a5 reactor
 NT3 nrx-a6 reactor
 NT3 nrx-a7 reactor
 NT3 pewee-1 reactor
 NT3 pewee-2 reactor
 NT3 pewee-3 reactor
 NT3 pewee-4 reactor
 NT3 phoebus-1a reactor
 NT3 phoebus-1b reactor
 NT3 phoebus-2a reactor
 NT3 rover reactors
 NT3 twmr reactor
 NT3 xe-2 reactor
 RT thermionic reactors

MOBILITY

For material movement use TRANSPORT.

NT1 carrier mobility
 NT1 hole mobility
 NT1 particle mobility
 NT2 electron mobility
 NT2 ion mobility

MOCHOVCE-1 REACTOR

INIS: 1984-10-19; ETDE: 1984-11-06
 *BT1 wwer type reactors

MOCHOVCE-2 REACTOR

1994-09-30
 *BT1 wwer type reactors

MOCHOVCE LIQUID RAW FINAL TREATMENT FACILITY

2012-11-27
 Incineration, cementation and bituminization
 plant for low-level and intermediate-level
 liquid radioactive wastes in Mochovce,
 Slovakia.

UF fs krao mochovce
 BT1 nuclear facilities
 *BT1 radioactive waste facilities
 RT intermediate-level radioactive wastes
 RT javys
 RT low-level radioactive wastes
 RT slovakia

MOCHOVCE RADIOACTIVE WASTE REPOSITORY

2002-12-17
 UF national radioactive waste repository
 in mochovce
 UF republikove uloziste radioaktivnych
 odpadov v mochovciach
 *BT1 radioactive waste facilities

MOCKUP

BT1 structural models
 NT1 phantoms
 RT biological models
 RT functional models

RT mathematical models
 RT microcosms
 RT pilot plants
 RT scale models
 RT simulators
 RT test facilities

MOCTEZUMITE

2000-04-12
 *BT1 oxide minerals
 *BT1 uranium minerals
 RT lead oxides
 RT tellurium oxides
 RT uranium oxides

MODE CONTROL

INIS: 1984-05-28; ETDE: 1978-03-08
 BT1 control
 RT lasers
 RT mode selection
 RT oscillation modes
 RT wave propagation

MODE CONVERSION

INIS: 1991-03-22; ETDE: 1991-04-09
 Transformation of an electromagnetic wave
 from one mode of propagation to another.
 RT oscillation modes
 RT plasma heating
 RT resonance
 RT wave propagation

MODE LOCKING

RT lasers
 RT mode selection

MODE RATIONAL SURFACES

INIS: 1991-03-22; ETDE: 1991-04-09
 UF rational surfaces
 *BT1 magnetic surfaces
 RT stellarators
 RT tokamak devices

MODE SELECTION

INIS: 1992-08-11; ETDE: 1978-02-14
 BT1 tuning
 RT frequency selection
 RT lasers
 RT mode control
 RT mode locking
 RT oscillation modes

modeling

INIS: 1976-09-06; ETDE: 2002-03-28
 USE simulation

models (atomic)

USE atomic models

models (biological)

USE biological models

models (cosmological)

USE cosmological models

models (crystal)

USE crystal models

models (flow)

USE flow models

models (functional)

USE functional models

models (linear absorption)

INIS: 1976-02-11; ETDE: 2002-03-28
 USE linear absorption models

models (mathematical)

USE mathematical models

models (nuclear)

USE nuclear models

models (optical)

USE optical models

models (organizational)

INIS: 1975-11-07; ETDE: 1975-12-16

USE organizational models

models (particle)

USE particle models

models (plasma)

USE plasma simulation

models (scale)

INIS: 1980-07-24; ETDE: 1980-08-12

USE scale models

models (shell)

USE shell models

models (star)

INIS: 1975-10-23; ETDE: 1975-12-16

USE star models

models (statistical)

USE statistical models

models (structural)

USE structural models

MODERATELY ENRICHED**URANIUM**

5 - 80 per cent.

*BT1 enriched uranium

MODERATING DETECTORS

*BT1 neutron detectors

NT1 bonner sphere detectors

NT1 long counters

RT activation detectors

RT bf3 counters

MODERATING RATIO

BT1 dimensionless numbers

RT moderators

MODERATOR-FUEL RATIO

BT1 dimensionless numbers

RT moderators

MODERATOR PELLETS

INIS: 1975-09-01; ETDE: 1975-10-01

BT1 pellets

RT moderators

RT pelletizing

MODERATORS

See also descriptors for specific moderator materials.

NT1 hydride moderators

NT1 hydroxide moderators

NT1 organic moderators

RT beryllium

RT beryllium alloys

RT beryllium compounds

RT beryllium oxides

RT configuration control

RT graphite

RT heavy water

RT moderating ratio

RT moderator-fuel ratio

RT moderator pellets

RT neutron slowing-down theory

RT reactor cores

RT reactor materials

RT sigma piles

RT thermal columns

RT water

modes (optical)

USE optical modes

modes (oscillation)

USE oscillation modes

modes (single-particle)

USE single-particle modes

MODIFICATIONS

1985-01-17

RT construction

RT corrections

RT maintenance

RT mitigation

RT optimization

RT retrofitting

RT specifications

RT variations

MODIFIED IN-SITU PROCESSES

2000-04-12

Combination of some underground mining and surface retorting with in-situ retorting techniques.

NT1 integrated in-situ process

NT1 oxy modified in-situ process

NT1 rise

RT in-situ processing

RT retorting

RT underground mining

modified surface delta potential

INIS: 1975-09-09; ETDE: 1976-05-19

USE surface delta potential

modular cogeneration power plants

INIS: 2000-04-12; ETDE: 1985-05-31

SEE dual-purpose power plants

modular construction

INIS: 1983-09-06; ETDE: 1979-10-23

USE modular structures

MODULAR INTEGRATED UTILITY SYSTEMS

INIS: 2000-04-12; ETDE: 2005-02-10

Small plant located within housing developments or communities to provide all utility services.

(Prior to January 2005 MIUS was used for this concept.)

UF mius (modular integrated utility systems)

*BT1 integrated energy utility systems

RT central heating plants

RT ices program

RT public utilities

RT total energy systems

MODULAR STRUCTURES

INIS: 1983-09-06; ETDE: 1979-10-23

UF modular construction

RT camac system

RT construction

RT construction industry

RT distributed structures

RT energy facilities

RT fabrication

RT industrial plants

RT mechanical structures

RT nuclear instrument modules

RT small modular reactors

MODULATION

NT1 frequency modulation

RT periodicity

RT variations

MOELLER SCATTERING

*BT1 elastic scattering

RT bhabha scattering

RT quantum electrodynamics

MOESSBAUER EFFECT

RT recoilless fraction

RT recoils

RT resonance fluorescence

RT structural chemical analysis

MOESSBAUER SPECTROMETERS

UF moessbauer spectroscopy

*BT1 gamma spectrometers

moessbauer spectroscopy

INIS: 1984-04-04; ETDE: 2002-03-28

USE moessbauer spectrometers

MOHAWK RIVER

*BT1 rivers

RT new york

mohole project

1996-07-18

(Until July 1996 this was a valid descriptor.)

SEE earth crust

SEE earth mantle

MOISTURE

1993-03-09

(Until March 1993, this concept was indexed by HUMIDITY.)

SF water content

NT1 humidity

RT moisture gages

RT water

MOISTURE GAGES

(From September 1976 till March 1997 TENSIO METERS was a valid ETDE descriptor.)

UF neutron moisture meters

SF tensiometers

BT1 measuring instruments

RT humidity

RT hygrometry

RT moisture

RT neutron probes

RT radiometric gages

moisture separators

INIS: 2000-04-12; ETDE: 1975-08-19

USE vapor separators

MOLASSES

INIS: 1992-05-12; ETDE: 1977-04-12

UF syrups

BT1 food

RT animal feeds

RT saccharides

RT sugar cane

moldavites

USE tektites

MOLDING

UF molding materials

BT1 fabrication

NT1 briquetting

NT1 pelletizing

RT casting

RT casting molds

RT materials working

molding materials

INIS: 2000-04-12; ETDE: 1976-11-17

(Prior to March 1997 this was a valid ETDE descriptor.)

USE materials

USE molding

MOLDOVA

INIS: 1997-08-20; ETDE: 1993-04-08

(Until January 1993, this was indexed by USSR.)

SF soviet union

SF union of soviet socialist republics
 SF ussr
 *BT1 eastern europe
 RT black sea

molds

USE fungi

molds (casting)

USE casting molds

MOLECULAR BEAM EPITAXY

INIS: 1994-06-27; ETDE: 1982-10-05
Epitaxy induced by molecular beams for the production of thin films.
 UF mbe
 *BT1 epitaxy
 RT crystal growth

MOLECULAR BEAMS

BT1 beams
 RT molecules

MOLECULAR BIOLOGY

RT biological effects
 RT biological evolution
 RT biological pathways
 RT biophysics
 RT biosynthesis
 RT biotechnology
 RT dna sequencing
 RT genetic engineering
 RT metabolism
 RT molecules
 RT physiology
 RT radiobiology
 RT strand breaks

MOLECULAR CLUSTERS

INIS: 1992-10-19; ETDE: 1992-11-04
 RT cluster beams

MOLECULAR CRYSTALS

BT1 crystals

MOLECULAR DYNAMICS METHOD

1996-04-16
 BT1 calculation methods
 RT computerized simulation
 RT many-body problem

molecular fluorescence spectroscopy

2000-04-12
 USE fluorescence spectroscopy

MOLECULAR ION BEAM INJECTION

*BT1 ion beam injection

MOLECULAR IONS

INIS: 1975-11-11; ETDE: 1975-12-16
Coordinate the above descriptor with a descriptor for the specific ion.
 UF ions (molecular)
 *BT1 ions
 NT1 hydrogen ions 2 plus
 NT1 hydrogen ions 3 plus
 NT1 oxonium ions

MOLECULAR MODELS

BT1 mathematical models
 NT1 thermodynamic molecular model

MOLECULAR ORBITAL METHOD

BT1 calculation methods
 RT electronic structure
 RT lcao method
 RT molecular structure

molecular orbital model

USE atomic models
 USE molecules

MOLECULAR SIEVE PROCESS

2000-04-12
Process to dehydrate and to remove carbon dioxide and sulfur compounds from natural gas.
 *BT1 desulfurization

MOLECULAR SIEVES

BT1 adsorbents
 RT adsorption

MOLECULAR STRUCTURE

UF structure (molecular)
 NT1 amino acid sequence
 RT biological repair
 RT bond lengths
 RT configuration interaction
 RT conformational changes
 RT dissociation energy
 RT dna sequencing
 RT helical configuration
 RT interatomic distances
 RT lcao method
 RT matrix isolation
 RT molecular orbital method
 RT molecules
 RT nucleic acid denaturation
 RT optical activity
 RT photoelectron spectroscopy
 RT photoreactivation
 RT protein denaturation
 RT protein structure
 RT stereochemistry
 RT structural chemical analysis
 RT structure-activity relationships

MOLECULAR WEIGHT

RT cryoscopy
 RT depolymerization
 RT molecules
 RT osmosis
 RT polymerization
 RT weight

MOLECULE COLLISIONS

BT1 collisions
 NT1 atom-molecule collisions
 NT1 electron-molecule collisions
 NT1 ion-molecule collisions
 NT1 molecule-molecule collisions
 NT1 photon-molecule collisions
 NT1 positron-molecule collisions

MOLECULE-MOLECULE COLLISIONS

*BT1 molecule collisions

MOLECULES

UF molecular orbital model
 UF polyatomic molecules
 NT1 dendrimers
 NT1 mesic molecules
 NT2 muonic molecules
 RT jahn-teller effect
 RT kihara potential
 RT matrix isolation
 RT micellar systems
 RT molecular beams
 RT molecular biology
 RT molecular structure
 RT molecular weight
 RT van der waals forces

MOLIERE THEORY

RT multiple scattering

MOLLIER DIAGRAMS

1999-08-18
 *BT1 diagrams
 RT steam
 RT thermodynamics

MOLLUSCS

UF gasteropods
 BT1 aquatic organisms
 *BT1 invertebrates
 NT1 clams
 NT1 mussels
 NT1 oysters
 NT1 snails
 RT benthos

MOLNIYA SATELLITES

BT1 satellites

MOLTEN CARBONATE FUEL CELLS

INIS: 1992-02-21; ETDE: 1980-06-23
 (Prior to June 1980 this information was indexed by the descriptors HIGH-TEMPERATURE FUEL CELLS + MOLTEN SALTS + CARBONATES.)
 *BT1 high-temperature fuel cells

molten carbonate process

INIS: 2000-04-12; ETDE: 1976-08-04
Process for removal of sulfur dioxide from flue gas using ternary eutectic alkali metal carbonate melt; reduction of sulfite and sulfate reaction products with petroleum coke; and reaction of resulting sulfide with steam and carbon dioxide to regenerate carbonate and form hydrogen sulfide, which can be converted to sulfur.
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE desulfurization

MOLTEN IRON PUREGAS PROCESS

INIS: 2000-04-12; ETDE: 1985-06-04
Gasification of coal using oxygen, top and bottom blowing, and a liquid iron bath to produce very pure synthesis gas.
 *BT1 coal gasification

MOLTEN METAL-WATER REACTIONS

INIS: 1977-09-06; ETDE: 1977-04-12
Combined physical-chemical explosions produced by sudden contact between high temperature metals and water.
 UF liquid metal-water reactions
 UF liquid sodium-water reactions
 UF metal-water reactions
 UF sodium-water reactions
 UF sodium(liquid)-water reactions
 RT chemical reactions
 RT explosions
 RT fuel-coolant interactions
 RT reactor accidents
 RT reactor safety

MOLTEN SALT COAL GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1975-10-01
Crushed and dried coal in preheated steam-oxygen stream is fed with sodium carbonate into gasifier. Raw gas (330 btu/scf) is shifted, purified, methanated, and dehydrated.
 UF atomics international molten salt process
 UF molten salt process (atomic international)
 SF rockwell international process
 *BT1 coal gasification
 RT molten salt waste gasification process

molten salt coolants

USE molten salts

MOLTEN SALT COOLED REACTORS

*BT1 molten salt reactors
 NT1 msre reactor

MOLTEN SALT FUELED REACTORS

- *BT1 fluid fueled reactors
- *BT1 molten salt reactors

MOLTEN SALT FUELS

- UF *fused salt fuels*
- *BT1 liquid fuels
- *BT1 nuclear fuels
- RT molten salt reactors

molten salt process (atomic international)

- INIS: 2000-04-12; ETDE: 1975-10-01
- USE molten salt coal gasification process

molten salt process (kellogg)

- 2000-04-12
- USE kellogg process

molten salt reactor experiment

- USE msre reactor

MOLTEN SALT REACTORS

- BT1 reactors
- NT1 molten salt cooled reactors
- NT2 msre reactor
- NT1 molten salt fueled reactors
- RT metal transfer process
- RT molten salt fuels
- RT reductive extraction

MOLTEN SALT WASTE**GASIFICATION PROCESS**

- INIS: 1996-04-18; ETDE: 1981-07-18
- SF *rockwell international process*
- *BT1 waste processing
- RT molten salt coal gasification process
- RT molten salts

MOLTEN SALTS

- UF *fused salts*
- UF *ionic liquids*
- UF *molten salt coolants*
- BT1 salts
- NT1 flibe
- RT coolants
- RT molten salt waste gasification process

MOLTING

- INIS: 1981-07-06; ETDE: 1977-09-19
- The shedding of an outer covering as a part of a periodic process of growth.*
- UF *moulting*
- RT animal growth

MOLTOX OXYGEN PROCESS

- INIS: 2000-04-12; ETDE: 1986-11-20
- Air products and chemicals process for oxygen production.*
- RT oxygen plants

moluranite

- 1996-07-18
- (Until July 1996 this was a valid descriptor.)
- USE oxide minerals
- USE uranium minerals

MOLYBDATES

- Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.*
- *BT1 molybdenum compounds
- BT1 oxygen compounds
- RT molybdenum oxides

MOLYBDENUM

- *BT1 refractory metals
- *BT1 transition elements

MOLYBDENUM 100

- *BT1 even-even nuclei

- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 stable isotopes

MOLYBDENUM 100 REACTIONS

- INIS: 1984-06-21; ETDE: 1984-08-20
- *BT1 heavy ion reactions

MOLYBDENUM 100 TARGET

- ETDE: 1976-07-09
- BT1 targets

MOLYBDENUM 101

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 102

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 103

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 104

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 105

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 seconds living radioisotopes

MOLYBDENUM 106

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 seconds living radioisotopes

MOLYBDENUM 107

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 seconds living radioisotopes

MOLYBDENUM 108

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 seconds living radioisotopes

MOLYBDENUM 109

- 1998-01-27
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 110

- 2004-02-16
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 seconds living radioisotopes

MOLYBDENUM 111

- 2007-06-06
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 112

- 2007-06-06
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes

MOLYBDENUM 113

- 2007-06-06
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes

MOLYBDENUM 114

- 2007-06-06
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes

MOLYBDENUM 115

- 2007-06-06
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes

MOLYBDENUM 83

- 2007-06-06
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 84

- INIS: 1991-03-22; ETDE: 1991-04-09
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes

MOLYBDENUM 85

- INIS: 1978-04-21; ETDE: 1978-07-06
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes

MOLYBDENUM 86

- INIS: 1994-12-22; ETDE: 1995-01-03
- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 seconds living radioisotopes

MOLYBDENUM 87

- 1977-11-02
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 seconds living radioisotopes

MOLYBDENUM 88

- INIS: 1976-11-08; ETDE: 1976-09-15
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 89

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 90

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes

MOLYBDENUM 91

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 molybdenum isotopes

MOLYBDENUM 92

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 molybdenum isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 stable isotopes

MOLYBDENUM 92 REACTIONS

1983-10-14

- *BT1 heavy ion reactions

MOLYBDENUM 92 TARGET

ETDE: 1976-07-09

- BT1 targets

MOLYBDENUM 93

- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 molybdenum isotopes
- *BT1 years living radioisotopes

MOLYBDENUM 94

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 molybdenum isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 stable isotopes

MOLYBDENUM 94 TARGET

ETDE: 1976-07-09

- BT1 targets

MOLYBDENUM 95

- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 stable isotopes

MOLYBDENUM 95 TARGET

ETDE: 1976-07-09

- BT1 targets

MOLYBDENUM 96

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 stable isotopes

MOLYBDENUM 96 REACTIONS

1989-12-08

- *BT1 heavy ion reactions

MOLYBDENUM 96 TARGET

ETDE: 1976-07-09

- BT1 targets

MOLYBDENUM 97

- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 stable isotopes

MOLYBDENUM 97 TARGET

ETDE: 1976-07-09

- BT1 targets

MOLYBDENUM 98

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- *BT1 stable isotopes

MOLYBDENUM 98 REACTIONS

INIS: 1987-05-26; ETDE: 1988-12-05

- *BT1 heavy ion reactions

MOLYBDENUM 98 TARGET

ETDE: 1976-07-09

- BT1 targets

MOLYBDENUM 99

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 molybdenum isotopes
- RT radioisotope generators

MOLYBDENUM ADDITIONS

1996-11-13

Alloys containing not more than 1% Mo are listed here.

- *BT1 molybdenum alloys
- NT1 alloy-ti90al6
- NT1 steel-cr12moniv
- NT1 steel-cr12mov
- NT2 alloy-ht-9
- NT1 steel-cr17mo
- NT2 stainless steel-440
- NT1 steel-cr2mo
- NT2 steel-astm-a542
- NT1 steel-cr2moninb
- NT1 steel-cr2mov
- NT1 steel-cr2nimov
- NT1 steel-cr5mo
- NT1 steel-cr9mo
- NT1 steel-cralnimo
- NT1 steel-crmo
- NT1 steel-crmov
- NT1 steel-mncumo
- NT2 steel-astm-a537
- NT1 steel-mnmo
- NT2 steel-astm-a302
- NT1 steel-mnnimo
- NT2 steel-astm-a533-b
- NT1 steel-mnnimov
- NT1 steel-ni3crmo
- NT2 steel-astm-a543
- NT1 steel-ni3crmov
- NT1 steel-nicrmo
- NT1 steel-nimocr

MOLYBDENUM ALLOYS

1996-11-13

Alloys containing more than 1% Mo.

- UF alloy-ehp-496
- UF alloy-ehp-567
- UF alloy-n55m20v25
- UF alloy-n65m20v15
- UF alloy-ni65mo16cr15w4

UF alloy-ni80fe16mo4

UF refractaloy

UF stainless steel-44ln

UF steel-cr26ni5mo-l

*BT1 transition element alloys

NT1 alloy-b-1900

NT1 alloy-co43cr20fe18ni13w3

NT2 havar

NT1 alloy-d-979

NT1 alloy-in-102

NT1 alloy-khn50mbvyu

NT1 alloy-mar-m246

NT1 alloy-mn-21

NT1 alloy-mp35n

NT1 alloy-n-10m

NT1 alloy-n-9m

NT1 alloy-ni43fe30cr22mo3

NT2 incoloy 825

NT1 alloy-ni43fe33cr16mo3

NT2 nimonic pe16

NT1 alloy-ni49cr22fe18mo9

NT2 hastelloy x

NT1 alloy-ni50co20cr15al5mo5

NT2 nimonic 105

NT1 alloy-ni50cr22fe18mo9

NT2 hastelloy xr

NT1 alloy-ni50mo32cr15si3

NT1 alloy-ni53cr19fe19nb5mo3

NT2 inconel 718

NT1 alloy-ni54cr22co13mo9

NT2 inconel 617

NT1 alloy-ni54mo17cr16fe6w4

NT2 hastelloy c

NT1 alloy-ni55co17cr15mo5al4ti4

NT2 astroloy

NT1 alloy-ni55cr19co11mo10ti3

NT2 rene 41

NT1 alloy-ni58cr20co14mo4ti3

NT2 waspaloy

NT1 alloy-ni60co15cr10al6ti5mo3

NT2 alloy-in-100

NT1 alloy-ni61cr16co9al3ti3w3

NT2 alloy-in-738

NT1 alloy-ni61cr22mo9nb4fe3

NT2 inconel 625

NT1 alloy-ni62cr16mo15fe3

NT2 hastelloy s

NT1 alloy-ni65cr25mo10

NT2 nimonic 86

NT1 alloy-ni70mo17cr7fe5

NT2 hastelloy n

NT2 inor-8

NT1 alloy-ni74cr13al6mo4

NT2 inconel 713c

NT1 alloy-ni75cr12al6mo5

NT2 inconel 713lc

NT1 alloy-ni79fe16mo4

NT1 alloy-nx-188

NT1 alloy-ra-333

NT1 alloy-s-590

NT1 alloy-s-816

NT1 alloy-ti78cr11mo7al3

NT1 alloy-ti88mo8al3

NT1 alloy-ti89al6mo3

NT1 alloy-ti90al6mo3

NT1 alloy-ti90mo7al2

NT1 alloy-ti91al4mo3

NT1 alloy-ti91al5cr2

NT1 alloy-v-36

NT1 chlorimet

NT1 chromium-molybdenum steels

NT2 chromium-nickel-molybdenum steels

NT3 alloy-m-813

NT3 steel-cr11ni10mo2ti-l

NT3 steel-cr15ni15motib

NT3 steel-cr16ni13monbv

NT3 steel-cr16ni15mo3nb

NT3 steel-cr16ni16monb

NT3 steel-cr16ni8mo2
NT4 stainless steel-16-8-2
NT3 steel-cr16ni9mo2
NT3 steel-cr17ni12mo3
NT4 stainless steel-316
NT3 steel-cr17ni12mo3-l
NT4 stainless steel-316l
NT4 stainless steel-zcnd17-13
NT3 steel-cr17ni12monb
NT3 steel-cr17ni13mo2ti
NT3 steel-cr17ni13mo3ti
NT3 steel-ni26cr15ti2movalb
NT4 alloy-a-286
NT1 discaloy
NT1 illium
NT1 incoloy 901
NT1 molybdenum additions
NT2 alloy-ti90al6
NT2 steel-cr12moniv
NT2 steel-cr12mov
NT3 alloy-ht-9
NT2 steel-cr17mo
NT3 stainless steel-440
NT2 steel-cr2mo
NT3 steel-astm-a542
NT2 steel-cr2moninb
NT2 steel-cr2mov
NT2 steel-cr2nimov
NT2 steel-cr5mo
NT2 steel-cr9mo
NT2 steel-cralnimo
NT2 steel-crmo
NT2 steel-crmov
NT2 steel-mncumo
NT3 steel-astm-a537
NT2 steel-mnmo
NT3 steel-astm-a302
NT2 steel-mnnimo
NT3 steel-astm-a533-b
NT2 steel-mnnimov
NT2 steel-ni3crmo
NT3 steel-astm-a543
NT2 steel-ni3crmoy
NT2 steel-nicrmo
NT2 steel-nimocr
NT1 molybdenum base alloys
NT2 alloy-mo99
NT3 alloy-tzm
NT3 alloy-zm-2a
NT2 alloy-mo99b
NT1 ni-o-nel
NT1 nimonic 115
NT1 rene-100
NT1 rene 80
NT1 rene 95
NT1 sicromo 9m
NT1 stainless steel m-50
NT1 steel-cd-4mcu
NT1 steel-cr10mo2
NT1 steel-cr17ni4mo3
NT1 steel-cr9monbv
NT1 steel-in-787
NT1 timken alloys
NT1 tribaloy 400
NT1 tribaloy 800
NT1 udimet alloys
NT2 alloy-ni53co19cr15mo5al4ti3
NT3 udimet 700
NT2 udimet 500
NT1 vitallium

MOLYBDENUM ARSENIDES

INIS: 2000-04-12; ETDE: 1976-03-11

*BT1 arsenides
 *BT1 molybdenum compounds

MOLYBDENUM BASE ALLOYS

SF alloy-tzc
 *BT1 molybdenum alloys
NT1 alloy-mo99

NT2 alloy-tzm
NT2 alloy-zm-2a
NT1 alloy-mo99b

MOLYBDENUM BLUE

*BT1 molybdenum oxides
 BT1 pigments

MOLYBDENUM BORIDES

*BT1 borides
 *BT1 molybdenum compounds

MOLYBDENUM BROMIDES

*BT1 bromides
 *BT1 molybdenum halides

MOLYBDENUM CARBIDES

*BT1 carbides
 *BT1 molybdenum compounds

MOLYBDENUM CARBONATES

INIS: 1979-01-18; ETDE: 1979-02-23

*BT1 carbonates
 *BT1 molybdenum compounds

MOLYBDENUM CHLORIDES

*BT1 chlorides
 *BT1 molybdenum halides

MOLYBDENUM COMPLEXES

*BT1 transition element complexes

MOLYBDENUM COMPOUNDS

1997-06-17

BT1 refractory metal compounds
 BT1 transition element compounds
NT1 molybdates
NT1 molybdenum arsenides
NT1 molybdenum borides
NT1 molybdenum carbides
NT1 molybdenum carbonates
NT1 molybdenum halides
NT2 molybdenum bromides
NT2 molybdenum chlorides
NT2 molybdenum fluorides
NT2 molybdenum iodides
NT1 molybdenum hydrides
NT1 molybdenum hydroxides
NT1 molybdenum nitrates
NT1 molybdenum nitrides
NT1 molybdenum oxides
NT2 molybdenum blue
NT1 molybdenum phosphates
NT1 molybdenum phosphides
NT1 molybdenum selenides
NT1 molybdenum silicates
NT1 molybdenum silicides
NT1 molybdenum sulfates
NT1 molybdenum sulfides
NT1 molybdenum tellurides
NT1 molybdic acid
NT1 molybdophosphates
NT1 molybdophosphoric acid

MOLYBDENUM FLUORIDES

*BT1 fluorides
 *BT1 molybdenum halides

MOLYBDENUM HALIDES

2012-07-19

*BT1 halides
 *BT1 molybdenum compounds
NT1 molybdenum bromides
NT1 molybdenum chlorides
NT1 molybdenum fluorides
NT1 molybdenum iodides

MOLYBDENUM HYDRIDES

*BT1 hydrides
 *BT1 molybdenum compounds

MOLYBDENUM HYDROXIDES

ETDE: 1975-08-19

*BT1 hydroxides
 *BT1 molybdenum compounds

MOLYBDENUM IODIDES

*BT1 iodides
 *BT1 molybdenum halides

MOLYBDENUM IONS

*BT1 ions

MOLYBDENUM ISOTOPES

1999-07-16

BT1 isotopes
NT1 molybdenum 100
NT1 molybdenum 101
NT1 molybdenum 102
NT1 molybdenum 103
NT1 molybdenum 104
NT1 molybdenum 105
NT1 molybdenum 106
NT1 molybdenum 107
NT1 molybdenum 108
NT1 molybdenum 109
NT1 molybdenum 110
NT1 molybdenum 111
NT1 molybdenum 112
NT1 molybdenum 113
NT1 molybdenum 114
NT1 molybdenum 115
NT1 molybdenum 83
NT1 molybdenum 84
NT1 molybdenum 85
NT1 molybdenum 86
NT1 molybdenum 87
NT1 molybdenum 88
NT1 molybdenum 89
NT1 molybdenum 90
NT1 molybdenum 91
NT1 molybdenum 92
NT1 molybdenum 93
NT1 molybdenum 94
NT1 molybdenum 95
NT1 molybdenum 96
NT1 molybdenum 97
NT1 molybdenum 98
NT1 molybdenum 99

MOLYBDENUM NITRATES

INIS: 1996-07-18; ETDE: 1976-12-16

(From July 1996 to November 2007

MOLYBDENUM COMPOUNDS + NITRATES was used for this concept.)

*BT1 molybdenum compounds
 *BT1 nitrates

MOLYBDENUM NITRIDES

*BT1 molybdenum compounds
 *BT1 nitrides

MOLYBDENUM ORES

BT1 ores

MOLYBDENUM OXIDES

1996-07-23

*BT1 molybdenum compounds
 *BT1 oxides
NT1 molybdenum blue
RT molybdates
RT molybdophosphoric acid
RT oxide minerals

MOLYBDENUM PHOSPHATES

*BT1 molybdenum compounds
 *BT1 phosphates

MOLYBDENUM PHOSPHIDES

INIS: 1978-07-03; ETDE: 1976-07-07

*BT1 molybdenum compounds
 *BT1 phosphides

MOLYBDENUM SELENIDES

- *BT1 molybdenum compounds
- *BT1 selenides

MOLYBDENUM SILICATES

- *BT1 molybdenum compounds
- *BT1 silicates

MOLYBDENUM SILICIDES

1975-10-09

- *BT1 molybdenum compounds
- *BT1 silicides

MOLYBDENUM SULFATES

- *BT1 molybdenum compounds
- *BT1 sulfates

MOLYBDENUM SULFIDES

- *BT1 molybdenum compounds
- *BT1 sulfides

MOLYBDENUM TELLURIDES

- *BT1 molybdenum compounds
- *BT1 tellurides

MOLYBDIC ACID

2000-04-12

- *BT1 inorganic acids
- *BT1 molybdenum compounds

MOLYBDOPHOSPHATES

INIS: 1985-09-09; ETDE: 1985-10-11

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- *BT1 molybdenum compounds
- BT1 oxygen compounds
- BT1 phosphorus compounds
- RT phosphates

MOLYBDOPHOSPHORIC ACID

1980-05-14

- UF phosphomolybdic acid
- *BT1 inorganic acids
- *BT1 molybdenum compounds
- BT1 oxygen compounds
- BT1 phosphorus compounds
- RT heteropolyanions
- RT molybdenum oxides
- RT phosphoric acid

MOMENT OF INERTIA

- UF inertia
- RT backbending
- RT kinetic energy
- RT mass
- RT mechanics
- RT rotation
- RT vmi model
- RT yrast states

MOMENTS METHOD

- BT1 calculation methods
- RT plasma fluid equations
- RT transport theory

momentum (angular)

- USE angular momentum

momentum (linear)

- USE linear momentum

momentum (longitudinal)

- USE longitudinal momentum

momentum (transverse)

- USE transverse momentum

MOMENTUM COOLING

INIS: 1982-04-13; ETDE: 1982-05-07

Gradual reduction of emittance of coasting charged-particle beams by feedback sensing

and correcting statistical fluctuations of beam momentum.

- UF stochastic momentum cooling
- *BT1 stochastic cooling

MOMENTUM TRANSFER

INIS: 1978-02-23; ETDE: 1978-11-14

- UF transfer (momentum)
- NT1 angular momentum transfer
- NT1 four momentum transfer
- NT1 linear momentum transfer

MOMOTOMBO GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1983-07-20

- BT1 geothermal fields
- RT nicaragua

MONACO

1995-04-03

- BT1 developed countries
- *BT1 western europe

MONACO MARINE ENVIRONMENT LABORATORY

INIS: 2004-06-11; ETDE: 2004-07-08

(Prior to June 2004 ILMR was used for this research institute.)

- UF iaea marine environment laboratory, monaco
- UF ilmr
- *BT1 iaea

MONAZITES

- UF cheralite
- *BT1 phosphate minerals
- *BT1 thorium minerals
- RT thorium phosphates

MONEL

- *BT1 nickel base alloys
- NT1 alloy-ni66cu32
- NT2 monel 400

MONEL 400

INIS: 1993-10-03; ETDE: 1978-12-20

- *BT1 alloy-ni66cu32

monel r-405

INIS: 1983-11-07; ETDE: 2002-03-28

- USE alloy-ni66cu32

mongolia

INIS: 1995-01-24; ETDE: 2002-06-13

- USE mongolian peoples republic

MONGOLIAN PEOPLES REPUBLIC

INIS: 1995-01-24; ETDE: 1979-09-27

- UF mongolia
- BT1 asia
- RT centrally planned economies

mongolism

- USE downs syndrome

mongrels

INIS: 2000-04-12; ETDE: 1981-06-15

- USE dogs

monilia

- USE candida

monique event

1994-10-14

(Prior to September 1994, this was a valid ETDE descriptor.)

- USE contained explosions
- USE nuclear explosions

monitor codes

INIS: 1988-11-16; ETDE: 1983-08-25

- USE executive codes

MONITORED RETRIEVABLE STORAGE

INIS: 1994-07-01; ETDE: 1984-02-10

The long-term isolation of spent fuel and high-level radioactive waste in facilities that permit continuous monitoring, ready retrieval and periodic maintenance as necessary to assure containment of radioactive materials.

- *BT1 radioactive waste storage
- *BT1 spent fuel storage
- RT high-level radioactive wastes
- RT spent fuels

MONITORING

Use of a more specific term is recommended.

- UF monitoring network
- SF surveillance
- NT1 acoustic monitoring
- NT1 aerial monitoring
- NT1 air pollution monitoring
- NT2 aerosol monitoring
- NT1 beam monitoring
- NT1 loose parts monitoring
- NT1 radiation monitoring
- NT2 personnel monitoring
- NT1 temperature monitoring
- RT control
- RT detection
- RT reactor monitoring systems
- RT water pollution monitors

monitoring (beam)

2000-04-12

- USE beam monitoring

monitoring (radiation)

2000-04-12

- USE radiation monitoring

monitoring network

- USE monitoring

MONITORS

INIS: 1984-12-04; ETDE: 1980-11-08

Use of a more specific term is recommended.

- BT1 measuring instruments
- NT1 air pollution monitors
- NT2 condensation particle counters
- NT1 beam monitors
- NT2 beam scanners
- NT2 faraday cups
- NT2 magnetoinduction sensors
- NT1 failed element monitors
- NT1 radiation monitors
- NT2 exposure ratemeters
- NT2 liquid contamination monitors
- NT2 neutron monitors
- NT2 surface contamination monitors
- NT2 survey monitors
- NT1 water pollution monitors
- RT reactor monitoring systems

monitors (air pollution)

INIS: 1991-09-18; ETDE: 1976-07-07

- USE air pollution monitors

monitors (beam)

INIS: 2000-04-12; ETDE: 1983-11-09

- USE beam monitors

monitors (failed elements)

2000-04-12

- USE failed element monitors

monitors (radiation)

INIS: 2000-04-12; ETDE: 1983-11-09

- USE radiation monitors

monitors (reactor)

2000-03-28

- USE reactor monitoring systems

monitors (water pollution)

INIS: 1992-01-15; ETDE: 2002-03-28

USE water pollution monitors

monju

2018-04-05

USE monju reactor

MONJU REACTOR

JNC, Tsuruga, Fukui, Japan. Permanent shutdown since 2017.

UF fast prototype reactor japan

UF japan prototype fast reactor

UF jpfr reactor

UF monju

UF prototype fast reactor japan

*BT1 lmfr type reactors

*BT1 power reactors

*BT1 sodium cooled reactors

MONKEYS

*BT1 primates

NT1 baboons

NT1 macacus

RT apes

monobutyl phosphate

INIS: 1988-08-02; ETDE: 1982-10-05

USE mbp

MONOCARBOXYLIC ACIDS

1996-10-23

UF ioglycamic acid

*BT1 carboxylic acids

NT1 abscisic acid

NT1 acetic acid

NT1 acrylic acid

NT1 arachidonic acid

NT1 benzoic acid

NT1 butyric acid

NT1 chlorambucil

NT1 cinnamic acid

NT1 crotonic acid

NT1 decanoic acid

NT1 dodecanoic acid

NT1 eicosanoic acid

NT1 formic acid

NT1 glycolic acid

NT1 heptanoic acid

NT1 hexadecanoic acid

NT1 hexanoic acid

NT1 isobutyric acid

NT1 isovaleric acid

NT1 linoleic acid

NT1 linolenic acid

NT1 methacrylic acid

NT1 nicotinic acid

NT1 nonanoic acid

NT1 octadecanoic acid

NT1 octanoic acid

NT1 oleic acid

NT1 pethidine

NT1 pivalic acid

NT1 propionic acid

NT1 sorbic acid

NT1 tetradecanoic acid

NT1 trichloroacetic acid

NT1 uronic acids

NT1 valeric acid

monochloroethylene

INIS: 1992-03-17; ETDE: 1984-05-08

USE vinyl chloride

MONOCHROMATIC RADIATION

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 electromagnetic radiation

RT laser radiation

RT visible radiation

MONOCHROMATORS

RT beam analyzers

RT beam optics

RT spectrometers

MONOCLINIC LATTICES

*BT1 three-dimensional lattices

MONOCLONAL ANTIBODIES

INIS: 1982-09-21; ETDE: 1982-01-21

BT1 antibodies

RT clone cells

RT hybridomas

RT radioimmunoscintigraphy

RT radioimmunotherapy

monocotyledons

INIS: 1991-12-16; ETDE: 1988-12-21

USE liliopsida

MONOCRYSTALS

UF single crystals

BT1 crystals

NT1 whiskers

RT dendritic web growth method

RT heat exchanger method

RT verneuil method

MONOCYTES

*BT1 leukocytes

monododecylphosphoric acid

USE mdpa

MONOMERS

NT1 vinyl monomers

RT dimers

RT polymerization

RT polymers

MONONGAHELA RIVER BASIN

INIS: 1992-01-14; ETDE: 1977-07-23

BT1 watersheds

RT pennsylvania

RT west virginia

MONOPOLES

NT1 magnetic monopoles

RT multipoles

MONOPOLIES

INIS: 1993-02-19; ETDE: 1978-03-09

Exclusive control of the supply of goods or services by groups or individuals.

RT antitrust laws

RT cartels

RT cooperatives

RT market

RT trade

MONORAILS

INIS: 2000-04-12; ETDE: 1980-11-08

BT1 railways

RT rail transport

MONOSACCHARIDES

1996-01-24

*BT1 saccharides

NT1 erythritol

NT1 hexoses

NT2 fructose

NT2 galactose

NT2 glucose

NT2 hexosamines

NT3 glucosamine

NT2 mannose

NT2 sorbose

NT1 inositols

NT2 inositol

NT1 pentoses

NT2 arabinose

NT2 deoxyribose

NT2 ribose

NT2 ribulose

NT2 xylose

NT1 sorbitol

RT gluconic acid

MONOTECTICS

RT eutectics

RT phase diagrams

MONOTECTOIDS

RT eutectoids

RT phase diagrams

monsanto system

INIS: 2000-04-12; ETDE: 1976-01-23

USE landgard pyrolysis system

MONSOONS

INIS: 1992-03-31; ETDE: 1986-07-08

BT1 storms

RT hurricanes

RT rain

MONTAGUE-1 REACTOR

Northeast Nuclear Energy Co., Montague, Massachusetts, USA. Canceled in 1980 before construction began.

*BT1 bwr type reactors

MONTAGUE-2 REACTOR

Northeast Nuclear Energy Co., Montague, Massachusetts, USA. Canceled in 1980 before construction began.

*BT1 bwr type reactors

MONTALTO DI CASTRO-1 REACTOR

INIS: 1985-03-15; ETDE: 1985-04-09

Latium, Italy. Construction cancelled in 1988.

UF alto lazio-1 reactor

UF enel-6 reactor

*BT1 bwr type reactors

MONTALTO DI CASTRO-2 REACTOR

INIS: 1985-03-15; ETDE: 1985-04-09

Latium, Italy. Construction cancelled in 1988.

UF alto lazio-2 reactor

UF enel-8 reactor

*BT1 bwr type reactors

montan waxes

INIS: 2000-04-12; ETDE: 1977-06-24

USE waxes

MONTANA

*BT1 usa

NT1 powder river basin

RT missouri river

RT western us overthrust belt

RT williston basin

RT yellowstone national park

MONTE AMIATA GEOTHERMAL FIELD

2000-04-12

BT1 geothermal fields

RT italy

MONTE CARLO METHOD

BT1 calculation methods

NT1 quantum monte carlo method

NT2 diffusion monte carlo method

NT2 variational monte carlo method

RT fault tree analysis

RT neutron transport theory

RT probability

RT randomness

RT stochastic processes

RT transport theory

montecuccolino rb-1 reactor

USE rb-1 reactor

montecuccolino rb-2 reactor

USE rb-2 reactor

montecuccolino rb-3 reactor

USE rb-3 reactor

MONTENEGRO

2006-11-20

SF serbia and montenegro

SF yugoslavia

BT1 developing countries

*BT1 eastern europe

MONTHLY VARIATIONS

INIS: 1979-09-18; ETDE: 1978-04-06

BT1 variations

MONTICELLO REACTOR

Nuclear Management Co., LLC, Monticello, Minnesota, USA.

UF northern states monticello reactor

*BT1 bwr type reactors

MONTMORILLONITE

Clay minerals.

UF hectorite

*BT1 clays

*BT1 inorganic ion exchangers

RT bentonite

montreal university slowpoke reactor

INIS: 1993-11-09; ETDE: 2002-03-28

USE slowpoke-montreal reactor

MONTROSEITE

2000-04-12

*BT1 uranium minerals

RT sandstones

monts d'arree reactor

2010-08-17

USE el-4 reactor

MOON

BT1 satellites

RT apollo project

RT lunar atmosphere

RT lunar materials

MOORINGS

INIS: 2000-04-12; ETDE: 1976-08-04

RT deep water oil terminals

RT harbors

MORAINES

BT1 geologic deposits

morbidity

INIS: 2000-04-12; ETDE: 1981-07-06

USE disease incidence

MORDENITE

1993-03-10

A zeolite mineral.

*BT1 zeolites

MORGANTOWN ENERGY TECHNOLOGY CENTER

INIS: 1993-06-07; ETDE: 1980-09-05

*BT1 us doe

MORIN

BT1 dyes

*BT1 flavones

*BT1 polyphenols

BT1 reagents

MOROCCAN ORGANIZATIONS

2004-03-31

BT1 national organizations

MOROCCO

BT1 africa

BT1 arab countries

BT1 developing countries

MORPHINE

1999-01-25

*BT1 alkaloids

*BT1 opium

NT1 thebaine

RT codeine

RT heroin

RT papaver somniferum

MORPHOGENESIS

INIS: 1996-04-30; ETDE: 1996-05-03

RT morphology

RT ontogenesis

RT organs

RT shape

MORPHOLINES

*BT1 amines

*BT1 ethers

*BT1 heterocyclic compounds

*BT1 organic nitrogen compounds

MORPHOLOGICAL CHANGES

NT1 ultrastructural changes

RT animal tissues

RT biological effects

RT microscopy

RT morphology

RT plant breeding

MORPHOLOGY

INIS: 1996-04-30; ETDE: 1978-01-23

Study of structure or form.

RT configuration

RT crystal structure

RT morphogenesis

RT morphological changes

RT shape

RT structural models

morris plant

INIS: 2000-04-12; ETDE: 1978-09-13

USE midwest fuel recovery plant

MORRISON RULE

An empirical rule for pomeron exchange.

RT exchange interactions

RT parity

RT particle interactions

RT pomeranchuk particles

RT spin

MORSE POTENTIAL

BT1 potentials

RT interatomic forces

MORSLEBEN SALT MINE

INIS: 1992-02-04; ETDE: 1991-11-25

*BT1 radioactive waste facilities

RT intermediate-level radioactive wastes

RT low-level radioactive wastes

RT salt caverns

RT salt deposits

RT underground disposal

MORTALITY

RT death

RT lethal irradiation

RT life span

RT supralethal irradiation

RT survival curves

RT time dependence

MORTARS

RT building materials

RT cements

RT concretes

RT grouting

MOS SOLAR CELLS

INIS: 1992-05-29; ETDE: 1981-07-18

UF metal oxide-semiconductor solar cells

*BT1 solar cells

MOS TRANSISTORS

Metal Oxide Silicon transistors.

*BT1 transistors

NT1 mosfet

MOSAICISM

NT1 chimeras

NT2 radiation chimeras

NT1 parabiosis

RT genetic effects

RT mutations

MOSCOVIUM

2017-04-11

Prior to March 2017 ELEMENT 115 was used for this element.

UF eka-bismuth

UF ununpentium

*BT1 transactinide elements

MOSCOVIUM 287

2017-04-11

Prior to March 2017 ELEMENT 115 287 was used for this concept.

UF element 115 287

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 moscovium isotopes

*BT1 odd-even nuclei

MOSCOVIUM 288

2017-04-11

Prior to March 2017 ELEMENT 115 288 was used for this concept.

UF element 115 288

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 moscovium isotopes

*BT1 odd-even nuclei

MOSCOVIUM IONS

2018-01-24

*BT1 ions

MOSCOVIUM ISOTOPES

2017-04-11

Prior to March 2017 ELEMENT 115 ISOTOPES was used for this concept.

UF element 115 isotopes

BT1 isotopes

NT1 moscovium 287

NT1 moscovium 288

moscow irt-2000 reactor

INIS: 1984-07-20; ETDE: 2002-03-28

USE irt-2000 moscow reactor

moscow research reactor

2000-04-12

USE mr reactor

moscow wwr-s reactor

INIS: 1984-06-21; ETDE: 2002-03-28

USE wwr-s-moscow reactor

MOSFET

Metal Oxide Semiconductor Field Effect Transistors.

(Metal Oxide Silicon Field Effect Transistors)

*BT1 field effect transistors

*BT1 mos transistors

RT cmos circuits

MOSHINSKY TRANSFORMATION

2000-04-12

Coefficients for transforming wave functions between laboratory and center-of-mass systems on the basis of the harmonic oscillator.

- *BT1 orthogonal transformations
- *BT1 quantum operators

MOSQUITOES

- UF *aedes*
- UF *anopheles*
- *BT1 diptera
- RT malaria
- RT zika virus

MOSSES

1986-03-04

- *BT1 bryophyta

motels

INIS: 2000-04-12; ETDE: 1979-12-17

- USE hotels

MOTHS

- *BT1 lepidoptera
- NT1 bollworm
- NT1 codling moth
- NT1 lymantria dispar
- NT1 rice stem borers
- NT1 silkworm

MOTION

- NT1 ground motion
- NT1 proper motion
- NT1 rotation
- RT angular momentum
- RT brownian movement
- RT guiding-center approximation
- RT kinetic energy
- RT kinetics
- RT linear momentum
- RT trajectories
- RT velocity

MOTION DETECTION SYSTEMS

INIS: 1999-01-25; ETDE: 1979-07-24

- BT1 alarm systems
- RT detection
- RT intrusion detection systems
- RT nuclear materials diversion
- RT physical protection devices
- RT safeguards
- RT security

motor inns

INIS: 2000-04-12; ETDE: 1979-12-17

- USE hotels

MOTOR VEHICLE ACCIDENTS

- BT1 accidents
- RT road transport
- RT vehicles

MOTOR VEHICLE OPERATORS

INIS: 1993-02-09; ETDE: 1980-03-04

- BT1 personnel
- RT automobiles
- RT occupants
- RT operation
- RT vehicles

motor vehicles

ETDE: 2002-03-28

- USE vehicles

MOTORBOATS

INIS: 2000-04-12; ETDE: 1982-06-07

- RT recreational vehicles
- RT ships

MOTORCYCLES

INIS: 2000-04-12; ETDE: 1977-06-21

- BT1 vehicles

MOTORS

1999-07-06

- BT1 engines
- NT1 electric motors
- NT2 superconducting motors
- NT1 pneumatic motors

MOTT SCATTERING

- *BT1 elastic scattering

mottelson-nilsson model

- USE nilsson-mottelson model

moulting

INIS: 1981-07-06; ETDE: 1981-08-04

- USE molting

MOUND LABORATORY

- *BT1 us aec
- *BT1 us doe
- *BT1 us erda
- RT ohio

MOUNTAINS

1996-06-26

(Prior to June 1996 CARRIZO MOUNTAINS was a valid ETDE descriptor.)

- UF *carrizo mountains*
- NT1 alps
- NT1 andes
- NT1 appalachian mountains
- NT2 adirondack mountains
- NT1 appennines
- NT1 cascade mountains
- NT2 mt baker
- NT2 mt hood
- NT2 mt st helens
- NT1 colorado plateau
- NT1 himalayas
- NT1 jemez mountains
- NT1 rocky mountains
- NT1 san bernardino mountains
- NT1 sierra nevada colorado
- NT1 urals
- NT1 witwatersrand
- NT1 yucca mountain
- RT canyons
- RT complex terrain
- RT ice caps
- RT orogenesis
- RT valleys

mouth

- USE oral cavity

MOVING-BOUNDARY CONDITIONS

- BT1 boundary conditions

MOVING-BURDEN PROCESS

2000-04-12

A three-vessel fluidized bed process for the gasification of coal.

- *BT1 coal gasification

MOVING COIL MAGNETOMETERS

- *BT1 magnetometers

MOZAMBIQUE

- BT1 africa
- BT1 developing countries

mp tandem accelerator

INIS: 1976-06-23; ETDE: 2002-03-28

- USE crnl mp tandem accelerator

mp35n

INIS: 2000-04-12; ETDE: 1979-01-30

- USE alloy-mp35n

mpbb

- USE maximum permissible body burden

mpc

- USE maximum permissible concentration

mpd

- USE maximum permissible dose

mpe

- USE maximum permissible exposure

MPG

INIS: 1981-12-23; ETDE: 1982-02-09

- UF *2-mercaptopropionylglycine*
- *BT1 amino acids
- *BT1 radioprotective substances
- *BT1 thiols

mpi

- USE maximum permissible intake

mpl

- USE maximum permissible level

mr-2 moscow reactor

- USE rpt reactor

MR REACTOR

2000-04-12

- UF *moscow research reactor*
- *BT1 research reactors

mrg process

INIS: 2000-04-12; ETDE: 1976-01-23

- USE sng processes

MRR REACTOR

Association of Universities Inc., Upton, New York, USA.

- UF *brookhaven medical research reactor*
- UF *medical research reactor, bnl*
- UF *us aec mrr*
- *BT1 enriched uranium reactors
- *BT1 isotope production reactors
- *BT1 research reactors
- *BT1 tank type reactors
- *BT1 thermal reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

MS JUNCTIONS

2016-04-19

- BT1 semiconductor junctions
- RT ms solar cells

MS SOLAR CELLS

INIS: 1992-05-29; ETDE: 1981-07-18

- UF *metal-semiconductor solar cells*
- *BT1 solar cells
- RT ms junctions

msgtr

2017-07-18

- USE multiple steam generator tube rupture

mslb

2017-07-18

- USE steam line break accidents

msmr reactor

Missouri School of Mines, Rolla.

- USE umrr reactor

MSRE REACTOR

ORNL, Oak Ridge, Tennessee, USA.

- UF *molten salt reactor experiment*
- *BT1 enriched uranium reactors
- *BT1 experimental reactors
- *BT1 graphite moderated reactors
- *BT1 molten salt cooled reactors
- *BT1 power reactors
- *BT1 thermal reactors

MSSTF

INIS: 2000-04-12; ETDE: 1980-11-08
Mid-temperature Solar System Test Facility at Sandia Laboratories which includes the subsystem test facility and the collector module test facility.

UF collector module test facility
UF midtemperature solar system test facility
UF subsystem test facility
BT1 test facilities
RT distributed collector power plants
RT sttfua

MST DEVICE

1994-03-15
Madison Symmetric Torus at the University of Wisconsin at Madison, Wisconsin, USA.

*BT1 reversed-field pinch devices
RT reverse-field pinch

MSU CYCLOTRONS

Includes 56 MeV proton cyclotron and heavy ion K500 and K800 superconducting cyclotrons.

UF michigan state university cyclotrons
*BT1 isochronous cyclotrons

MT-1 TOKAMAK

INIS: 1989-11-24; ETDE: 1989-12-08
Hungarian Academy of Sciences, Budapest, Hungary.

*BT1 tokamak devices

MT BAKER

INIS: 1992-06-12; ETDE: 1976-08-24

*BT1 cascade mountains
RT washington

MT HOOD

INIS: 2000-04-12; ETDE: 1982-09-10

*BT1 cascade mountains
*BT1 oregon

MT ST HELENS

INIS: 1992-06-12; ETDE: 1981-08-04

*BT1 cascade mountains
RT volcanoes
RT washington

mta atommagkutato intezete

INIS: 1986-04-03; ETDE: 2002-03-28
USE atomki

MTHF

2000-04-04

UF methyltetrahydrofuran
*BT1 tetrahydrofuran

MTO MODEL

2013-04-29

Model in which a system is regarded as a whole, including the human-related, technical, and organizational elements of the system.

UF man-technology-organization model
RT human factors
RT institutional factors
RT man-machine systems
RT risk assessment

MTR REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1970.

UF idaho materials testing reactor
UF materials testing reactor idaho
UF us aec materials testing reactor-idaho
*BT1 enriched uranium reactors
*BT1 materials testing reactors
*BT1 tank type reactors
*BT1 thermal reactors
*BT1 water cooled reactors

*BT1 water moderated reactors

mtse devices

2000-04-12

(Prior to June 1991 this was a valid ETDE descriptor.)

USE magnetic mirrors

MTX TOKAMAK

1993-08-09

Microwave Tokamak eXperiment, Lawrence Livermore Laboratory, USA.

*BT1 tokamak devices

mu sr

INIS: 1988-02-02; ETDE: 1986-11-20

USE muon spin relaxation

MUCOPOLYSACCHARIDES

*BT1 amines

*BT1 polysaccharides

NT1 chitin

NT1 chondroitin

NT1 heparin

NT1 hyaluronic acid

RT glycoproteins

MUCOPROTEINS

*BT1 polysaccharides

*BT1 proteins

NT1 haptoglobins

NT1 intrinsic factor

NT1 phytohemagglutinin

RT chondroitin

RT glycoproteins

RT lysozyme

mucosa

USE mucous membranes

MUCOUS MEMBRANES

UF mucosa

BT1 membranes

NT1 conjunctiva

RT epithelium

MUEHLEBERG REACTOR

Muehleberg, Bern, Switzerland.

UF akm muehleberg reactor

UF akm reactor

UF atomkraftwerk muehleberg

*BT1 bwr type reactors

MUELHEIM-KAERLICH REACTOR

ETDE: 1975-09-11

Muehlheimkaerlich, Rheinlandpfalz, Federal Republic of Germany. Permanent shutdown since 1988.

*BT1 pwr type reactors

muenster event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

muf

USE material unaccounted for

MUFFIN-TIN POTENTIAL

BT1 potentials

RT electronic structure

RT wave functions

mulberry alloy

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE alloy-u90nb7zr3

mule deer

USE deer

mullers

INIS: 2000-04-12; ETDE: 1976-09-14

Equipment used for agitating, grinding, and mixing.

(Prior to April 1994, this was a valid ETDE descriptor.)

SEE grinding machines

SEE mixers

MULLITE

*BT1 inorganic ion exchangers

*BT1 oxide minerals

MULTI-CENTER SHELL MODEL

INIS: 1981-11-27; ETDE: 1982-01-07

UF multicenter shell model

*BT1 shell models

MULTI-CHANNEL ANALYZERS

UF multichannel analyzers

*BT1 pulse analyzers

multi-charged ions

INIS: 1984-07-20; ETDE: 2002-03-28

USE multicharged ions

MULTI-CUSP ION SOURCES

2018-02-26

*BT1 plasma ion sources

MULTI-ELEMENT ANALYSIS

1996-01-15

For analysis of two or more elements or isotopes of different elements.

UF multielement analysis

BT1 chemical analysis

MULTI-ELEMENT SEPARATION

For mutual separation of 2 or more elements or isotopes of different elements.

UF multielement separation

BT1 separation processes

multi-level analysis

INIS: 1984-07-20; ETDE: 2002-03-28

USE multilevel analysis

MULTI-NUCLEON TRANSFER REACTIONS

More than one nucleon transferred.

UF multinucleon transfer reactions

*BT1 transfer reactions

NT1 four-nucleon transfer reactions

NT2 alpha-transfer reactions

NT1 many-nucleon transfer reactions

NT1 three-nucleon transfer reactions

NT1 two-nucleon transfer reactions

MULTI-PARAMETER ANALYSIS

UF multiparameter analysis

RT data processing

RT parametric analysis

multi-particle spectrometers

INIS: 1984-07-20; ETDE: 2002-03-28

USE multiparticle spectrometers

MULTI-PHOTON PROCESSES

INIS: 1983-03-15; ETDE: 1981-11-10

UF multiphoton processes

RT energy-level transitions

RT lasers

RT photon emission

multi-purpose detector

2018-04-20

USE nica mpd detector

multi-wire ionization chambers

INIS: 1984-07-20; ETDE: 2002-03-28

USE multiwire ionization chambers

multi-wire proportional chambers

INIS: 1993-11-09; ETDE: 2002-03-28

USE multiwire proportional chambers

multicenter shell model

INIS: 1984-07-20; ETDE: 2002-03-28

USE multi-center shell model

multichannel analyzers

INIS: 1984-07-20; ETDE: 2002-03-28

USE multi-channel analyzers

MULTICHARGED IONS

With charge 3 and above.

UF multi-charged ions

*BT1 ions

RT heavy ions

RT light ions

multielement analysis

INIS: 1984-07-20; ETDE: 2002-03-28

USE multi-element analysis

multielement separation

INIS: 1984-07-20; ETDE: 2002-03-28

USE multi-element separation

MULTIGROUP THEORY

*BT1 neutron transport theory

RT group constants

multilamellar lipid vesicles

INIS: 2000-04-12; ETDE: 1979-07-18

USE liposomes

MULTILATERAL AGREEMENTS

*BT1 international agreements

NT1 bcoclmcmnm

NT1 bcolons

NT1 bcstpc

NT1 canare

NT1 cenna

NT1 cppnm

NT1 cscnd

NT1 international convention on nuclear safety

NT1 kyoto protocol

NT1 lcpmpdpw

NT1 paris agreement

NT1 pcotpl

NT1 rio declaration

NT1 solas convention

NT1 unfccc

NT1 vcocldnd

multilateral consultation mechanism, oecd

INIS: 1978-08-14; ETDE: 2002-03-28

Multilateral Consultation and surveillance Mechanism for Sea Dumping of Radioactive Waste.

USE oecd mcmsdrw

MULTILEVEL ANALYSIS

UF multi-level analysis

RT breit-wigner formula

RT cross sections

RT r matrix

RT resonance

multinational companies

INIS: 2000-06-27; ETDE: 1978-04-05

USE multinational enterprises

MULTINATIONAL ENTERPRISES

INIS: 2000-06-27; ETDE: 1978-04-05

UF multinational companies

UF multinational ownership

RT international cooperation

multinational ownership

INIS: 2000-06-27; ETDE: 1977-12-22

(Prior to March 1996 this was a valid ETDE descriptor.)

USE multinational enterprises

USE ownership

multinucleon transfer reactions

INIS: 1993-11-09; ETDE: 2002-03-28

USE multi-nucleon transfer reactions

multiparameter analysis

INIS: 1984-07-20; ETDE: 2002-03-28

USE multi-parameter analysis

MULTIPARTICLE**SPECTROMETERS**

UF multi-particle spectrometers

*BT1 spectrometers

MULTIPERIPHERAL MODEL

UF diffractive dissociation

*BT1 peripheral models

NT1 cluster emission model

NT2 space-time model

RT abfst equation

MULTIPHASE FLOW

INIS: 1981-08-06; ETDE: 1976-03-11

Simultaneous flow of more than two fluid phases in the same flow channel or pipe.

BT1 fluid flow

RT gas flow

RT liquid flow

multiphoton processes

INIS: 1984-07-20; ETDE: 2002-03-28

USE multi-photon processes

MULTIPLE COLLISION METHOD

BT1 calculation methods

RT multiple scattering

MULTIPLE-HEARTH FURNACES

INIS: 2000-04-12; ETDE: 1981-12-14

BT1 furnaces

MULTIPLE PRODUCTION

BT1 particle production

NT1 pionization

RT centauro-type events

RT charge distribution

RT cluster emission model

RT coherent tube model

RT correlated-particle models

RT limiting fragmentation

RT multiplicity

RT particle decay

RT particle interactions

MULTIPLE SCATTERING

BT1 scattering

RT faddeev equations

RT glauber theory

RT many-body problem

RT moliere theory

RT multiple collision method

MULTIPLE STEAM GENERATOR TUBE RUPTURE

2017-07-18

UF msgtr

*BT1 reactor accidents

RT steam generators

MULTIPLETS

NT1 particle multiplets

NT2 baryon decuplets

NT2 baryon octets

NT2 meson nonets

NT2 meson octets

NT1 supermultiplets

NT1 triplets

MULTIPLEXERS

*BT1 electronic equipment

RT data transmission

RT remote multiplexing systems

MULTIPLICATION FACTORS

BT1 dimensionless numbers

RT criticality

RT disadvantage factor

RT fast fission factor

RT fission neutrons

RT resonance escape probability

RT thermal fission factor

RT thermal utilization

MULTIPLICITY

RT eigenvalues

RT multiple production

RT quantum numbers

multiplier tubes

USE electron multipliers

MULTIPOLAR CONFIGURATIONS

*BT1 closed configurations

NT1 hexapolar configurations

NT1 octupolar configurations

NT1 quadrupolar configurations

RT fm devices

RT internal ring devices

RT lm devices

MULTIPOLARITY

RT mixing ratio

RT multipole radiation

RT multipoles

MULTIPOLE RADIATION

UF octupole radiation

*BT1 electromagnetic radiation

RT multipolarity

RT multipoles

MULTIPOLE TRANSITIONS

INIS: 1978-02-23; ETDE: 1978-04-28

BT1 energy-level transitions

NT1 e0-transitions

NT1 e1-transitions

NT1 e2-transitions

NT1 e3-transitions

NT1 e4-transitions

NT1 m1-transitions

NT1 m2-transitions

NT1 m3-transitions

NT1 m4-transitions

MULTIPOLES

NT1 dipoles

NT2 electric dipoles

NT2 magnetic dipoles

NT1 hexadecapoles

NT1 hexapoles

NT1 octupoles

NT1 quadrupoles

RT mixing ratio

RT monopoles

RT multipolarity

RT multipole radiation

RT sternheimer formula

multiprocessing

INIS: 2000-04-12; ETDE: 1986-06-12

USE parallel processing

multiprocessors

INIS: 2000-04-12; ETDE: 1985-08-08

USE array processors

multipurpose applied physics lattice reactor

INIS: 1993-11-09; ETDE: 2002-03-28
USE maple type reactors

multipurpose vhtr reactor

INIS: 1978-01-16; ETDE: 2002-03-28
USE vhtr reactor

MULTISPECTRAL PHOTOGRAPHY

INIS: 1992-09-16; ETDE: 1980-04-14
UF thematic mapping
BT1 photography
RT remote sensing
RT spectroscopy

MULTISPECTRAL SCANNERS

INIS: 1998-10-13; ETDE: 1980-04-14
Instruments for the simultaneous scanning of more than one, usually several, spectral bands of various wavelengths.
BT1 measuring instruments
RT spectra
RT spectroscopy

multisphere neutron detectors

USE bonner sphere detectors

multistory buildings

2005-07-05
USE high-rise buildings

MULTIVARIATE ANALYSIS

INIS: 1992-03-30; ETDE: 1981-04-17
*BT1 statistics
RT correlations

MULTIVIBRATORS

UF schmitt trigger circuits
*BT1 pulse circuits
NT1 flip-flop circuits
RT pulse generators

multiwire drift chambers

USE drift chambers

MULTIWIRE IONIZATION CHAMBERS

UF multi-wire ionization chambers
*BT1 ionization chambers

MULTIWIRE PROPORTIONAL CHAMBERS

UF charpak chambers
UF multi-wire proportional chambers
UF mwpc
*BT1 proportional counters
NT1 drift chambers
NT2 time projection chambers
RT ionization chambers
RT projection spark chambers
RT wire spark chambers

mungbean plants

INIS: 1992-05-07; ETDE: 1993-01-20
USE vigna

MUNGBEANS

INIS: 1981-08-06; ETDE: 1981-09-22
*BT1 beans
BT1 seeds
RT phaseolus
RT vigna

MUNICH COMPACT CYCLOTRON

INIS: 1983-06-01; ETDE: 1991-03-19
(Prior to March 1991, this concept in ETDE was indexed to MUNICH CYCLOTRON.)
UF munich cyclotron
*BT1 isochronous cyclotrons

munich cyclotron

INIS: 2000-04-12; ETDE: 1983-03-24
(Prior to March 1991 this was a valid ETDE descriptor.)
USE munich compact cyclotron

munich research reactor

USE frm reactor

munich superconducting sector cyclotron

INIS: 1993-11-09; ETDE: 1984-08-20
USE munich suse cyclotron

MUNICH SUSE CYCLOTRON

INIS: 1984-07-20; ETDE: 1984-08-20
UF munich superconducting sector cyclotron
UF suse cyclotron (munich)
*BT1 heavy ion accelerators
*BT1 isochronous cyclotrons

municipal buildings

INIS: 2000-04-12; ETDE: 1981-01-09
USE public buildings

municipal law

INIS: 1990-12-15; ETDE: 2002-03-28
(Prior to December 1990, this was a valid descriptor.)
USE laws

municipal sludge

INIS: 1977-11-21; ETDE: 2002-03-28
USE sewage sludge

MUNICIPAL WASTES

INIS: 1985-07-18; ETDE: 1975-11-11
Wastes generated in households, commercial and business establishments, schools, hospitals, etc. It excludes industrial and biological wastes, abandoned automobiles, ashes, street sweepings, construction and demolition debris, and sewage sludge. See also INDUSTRIAL WASTES, BIOLOGICAL WASTES, ASHES, and SEWAGE SLUDGE.
(Prior to August 1985 DOMESTIC WASTES was a valid descriptor.)
UF domestic wastes
BT1 wastes
RT chemical wastes
RT pollutants
RT refuse derived fuels
RT scrap
RT solid wastes

municipal wastes (biological)

INIS: 1985-07-18; ETDE: 2002-03-28
USE biological wastes

municipal wastes (industrial)

INIS: 1985-07-18; ETDE: 2002-03-28
USE industrial wastes

munitions

INIS: 2000-04-12; ETDE: 1975-08-19
(Prior to March 1997 ORDNANCE was used for this concept in ETDE.)
USE military equipment

MUNTZ METAL

2000-04-12
*BT1 copper base alloys
*BT1 zinc alloys
RT brass

MUON ANTINEUTRINOS

*BT1 antineutrinos
*BT1 muon neutrinos

MUON-ATOM COLLISIONS

INIS: 1986-01-21; ETDE: 1986-03-04
*BT1 atom collisions

MUON BEAMS

*BT1 lepton beams
RT muon probes

MUON-CATALYZED FUSION

INIS: 1985-04-22; ETDE: 1985-05-07
*BT1 thermonuclear reactions
RT deuterium tritide
RT muonic molecules
RT muons minus

MUON DETECTION

*BT1 charged particle detection
RT cosmic ray detection
RT dumdand project

muon-deuteron interactions

(Prior to March 1996 this was a valid ETDE descriptor.)
USE muon-neutron interactions
USE muon-proton interactions

MUON-MESON INTERACTIONS

(From December 1977 until March 1996 MUON-PION INTERACTIONS was a valid ETDE descriptor.)
UF muon-pion interactions
*BT1 lepton-meson interactions

MUON-MUON INTERACTIONS

*BT1 lepton-lepton interactions

MUON NEUTRINOS

UF neutrettos
*BT1 neutrinos
NT1 muon antineutrinos

MUON-NEUTRON INTERACTIONS

(From February 1975 until March 1996 MUON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)
UF muon-deuteron interactions
*BT1 muon-nucleon interactions

MUON-NUCLEON INTERACTIONS

*BT1 lepton-nucleon interactions
NT1 muon-neutron interactions
NT1 muon-proton interactions

MUON NUMBER

INIS: 1978-02-23; ETDE: 1978-04-28
BT1 lepton number
RT muons

MUON PAIRS

INIS: 1975-09-16; ETDE: 1975-10-28
RT muons minus
RT muons plus
RT pair production

muon-pion interactions

INIS: 2000-04-12; ETDE: 1977-12-22
(Prior to March 1996 this was a valid ETDE descriptor.)
USE muon-meson interactions
USE pions

MUON PROBES

INIS: 1975-08-22; ETDE: 1976-08-24
Polarized positive muon beams used to investigate properties of condensed matter.
BT1 probes
RT muon beams
RT muon spin relaxation
RT muonium
RT muons plus

MUON-PROTON INTERACTIONS

(From February 1975 until March 1996 MUON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

UF muon-deuteron interactions

*BT1 muon-nucleon interactions

MUON REACTIONS

*BT1 charged-particle reactions

*BT1 lepton reactions

MUON SPIN RELAXATION

INIS: 1988-02-02; ETDE: 1986-11-20

A means of studying the magnetic properties of a material by stopping polarized muons in the material and measuring the muon spin dynamics there.

UF mu sr

UF muon spin resonance

UF muon spin rotation

BT1 relaxation

RT crystal lattices

RT magnetic properties

RT magnetic resonance

RT muon probes

RT spin orientation

muon spin resonance

INIS: 1988-02-02; ETDE: 1986-11-20

USE muon spin relaxation

muon spin rotation

INIS: 1988-02-02; ETDE: 1986-11-20

USE muon spin relaxation

MUONIC ATOMS

1999-03-18

BT1 atoms

RT mesic atoms

RT muonic ions

RT muonic molecules

RT muons minus

RT pi-mu atoms

MUONIC IONS

INIS: 1978-01-13; ETDE: 1978-03-03

*BT1 ions

RT muonic atoms

RT muonic molecules

MUONIC MOLECULES

*BT1 mesic molecules

RT muon-catalyzed fusion

RT muonic atoms

RT muonic ions

RT muons minus

RT muons plus

MUONIUM

RT atoms

RT charmonium

RT electrons

RT kaonium

RT muon probes

RT muons plus

RT pionium

RT positronium

RT protonium

MUONS

*BT1 leptons

NT1 cosmic muons

NT1 muons minus

NT1 muons plus

RT electron-muon-tau universality

RT electron-muon universality

RT heavy neutral muons

RT muon number

RT pi-mu atoms

muons, heavy neutral

INIS: 2000-04-12; ETDE: 1979-08-09

USE heavy neutral muons

MUONS MINUS

*BT1 muons

RT muon-catalyzed fusion

RT muon pairs

RT muonic atoms

RT muonic molecules

MUONS PLUS

UF antimuons

*BT1 antileptons

*BT1 muons

RT muon pairs

RT muon probes

RT muonic molecules

RT muonium

MURA SYNCHROTRON

UF mark v synchrotron

*BT1 synchrotrons

murexide

1996-07-18

Also known as purpuric acid.

(Until July 1996 this was a valid descriptor.)

USE dyes

USE organic oxygen compounds

USE pyrimidines

MURR REACTOR

Univ. of Missouri, Columbia, Missouri, USA.

UF columbia missouri research reactor

UF missouri university/columbia

research reactor

UF university of missouri/columbia

research reactor

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 training reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

musashi institute of technology triga reactor

1993-11-09

USE triga-2-musashi reactor

MUSCLES

UF muscular tissue

NT1 diaphragm

NT1 myoblasts

NT1 myocardium

RT actin

RT exercise

RT limbs

RT myoglobin

RT myosarcomas

RT radiation syndrome

RT sarcoplasmic reticulum

RT tendons

RT tongue

RT trichinosis

RT tropomyosin

MUSCOVITE

A mineral of the mica group.

*BT1 mica

musculamine

USE spermine

muscular tissue

(Prior to April 1996 TISSUES was used instead of ANIMAL TISSUES.)

USE animal tissues

USE muscles

museum objects

INIS: 1984-04-04; ETDE: 2002-03-28

USE cultural objects

museums

INIS: 1983-06-30; ETDE: 1979-07-24

USE educational facilities

MUSHROOMS

*BT1 fungi

MUSSELS

INIS: 1992-03-10; ETDE: 1981-06-17

*BT1 molluscs

mustard

USE brassica

mustard (nitrogen)

USE nitrogen mustard

MUTAGEN SCREENING

INIS: 1992-03-10; ETDE: 1978-11-14

UF ames test

UF screening (mutagen)

RT biological indicators

RT carcinogen screening

RT cell cultures

RT mutagenesis

RT mutagens

RT mutants

RT mutations

RT teratogen screening

RT testing

MUTAGENESIS

RT dna adducts

RT doxorubicin

RT genetic control

RT genotype

RT mutagen screening

RT mutagens

RT mutants

RT mutations

mutagenic pathways

INIS: 1978-11-24; ETDE: 1978-12-20

USE biological pathways

MUTAGENS

For both chemical and physical agents.

UF chemical mutagens

NT1 ethyl methanesulfonate

NT1 methyl methanesulfonate

NT1 methyl nitrosourea

NT1 proflavine

RT antibiotics

RT antimitotic drugs

RT carcinogens

RT dna adducts

RT drugs

RT environmental exposure

RT ionizing radiations

RT mutagen screening

RT mutagenesis

RT neocarcinostatin

RT nitrogen mustard

RT nitrosamines

RT occupational exposure

RT pesticides

RT plant breeding

RT polycyclic aromatic hydrocarbons

RT radiation equivalence

RT radiomimetic drugs

RT teratogens

RT tumor promoters

RT viruses

MUTANTS

NT1 radiation induced mutants

NT1 revertants

RT adventitious bud technique
 RT disease resistance
 RT hereditary diseases
 RT mutagen screening
 RT mutagenesis
 RT mutations
 RT plant breeding

MUTATION FREQUENCY

UF aberration yield
 RT mutations

mutation induction pathways

INIS: 1978-11-24; ETDE: 1978-12-20
 USE biological pathways

MUTATIONS

NT1 chromosomal aberrations
 NT2 chromosome breakage
 NT2 sister chromatid exchanges
 NT1 dominant mutations
 NT1 gene mutations
 NT1 genome mutations
 NT1 lethal mutations
 NT1 recessive mutations
 NT1 somatic mutations
 NT1 spontaneous mutations
 RT adventitious bud technique
 RT congenital malformations
 RT dna base transitions
 RT dna mismatch
 RT genetic control
 RT genetic effects
 RT hereditary diseases
 RT meiosis
 RT mosaicism
 RT mutagen screening
 RT mutagenesis
 RT mutants
 RT mutation frequency
 RT plant breeding
 RT pyrimidine dimers
 RT reproduction
 RT revertants

mutsu (nuclear ship)

USE ns mutsu

MUTSU REACTOR

JAERI, Mutsu, Aomori, Japan.
 UF japan ship reactor mutsu
 UF nuclear ship mutsu reactor
 UF ship reactor mutsu
 *BT1 pwr type reactors
 *BT1 ship propulsion reactors
 RT ns mutsu

mutualism

INIS: 1984-12-04; ETDE: 1980-01-15
 USE symbiosis

MWD SYSTEMS

INIS: 1992-08-13; ETDE: 1978-12-11
 Sensors and data transmission equipment for real-time measurements while drilling.
 UF downhole information systems
 UF logging while drilling
 UF measurement while drilling
 SF sigmalog
 BT1 real time systems
 RT drilling
 RT offshore drilling
 RT on-line systems
 RT telemetry
 RT well drilling
 RT well logging
 RT well logging equipment

mwpc

USE multiwire proportional chambers

mx devices

INIS: 2000-04-12; ETDE: 1977-10-20
 USE mftf devices

MYANMAR

1999-01-26
 (Until January 1999 this concept was indexed by BURMA.)
 UF burma
 BT1 asia
 BT1 developing countries

MYCELIUM

BT1 plant tissues
 RT fungi

MYCOBACTERIUM

*BT1 bacteria
 NT1 mycobacterium tuberculosis
 RT leprosy

MYCOBACTERIUM TUBERCULOSIS

*BT1 mycobacterium
 RT tuberculosis

MYCOPLASMA

BT1 microorganisms
 NT1 acholeplasma laidlawii b
 RT bacteria

MYCORRHIZAS

INIS: 1999-10-21; ETDE: 1977-06-02
 A symbiotic association of fungi and the roots of plants.
 BT1 symbiosis
 RT frankia
 RT fungi
 RT locust trees

MYCOSES

*BT1 fungal diseases
 RT fungi

MYCOTOXINS

INIS: 1992-09-09; ETDE: 1994-08-10
 *BT1 toxins
 NT1 aflatoxins
 RT fungi
 RT toxicity

MYELIN

*BT1 cell membranes
 *BT1 lipoproteins
 RT cholesterol
 RT nerve cells
 RT nerves

MYELITIS

*BT1 nervous system diseases
 NT1 poliomyelitis
 RT spinal cord

MYELOID LEUKEMIA

*BT1 leukemia
 RT philadelphia chromosome
 RT polycythemia

MYLAR

*BT1 plastics
 *BT1 polyethylene terephthalate
 RT glycols

MYLERAN

UF busulfan
 BT1 alkylating agents

MYOBLASTS

BT1 muscles
 RT myocardium

MYOCARDIAL INFARCTION

*BT1 cardiovascular diseases

RT blood circulation
 RT coronaries
 RT ischemia
 RT myocardium

MYOCARDIUM

*BT1 heart
 BT1 muscles
 RT coronaries
 RT myoblasts
 RT myocardial infarction

MYOGLOBIN

*BT1 globins
 BT1 pigments
 *BT1 porphyrins
 RT muscles

myometrium

USE uterus

MYOSARCOMAS

*BT1 sarcomas
 NT1 rhabdomyosarcomas
 RT muscles

MYOSIN

*BT1 globulins
 RT tropomyosin

myristic acid

USE tetradecanoic acid

MYRRHA FACILITY

2016-07-11
 Planned Multipurpose Hybrid Research Reactor for High Tech Applications; nuclear reactor coupled to a proton accelerator, critical or sub-critical configuration possible. Mol, Belgium.
 UF myrrha reactor
 *BT1 accelerator-driven subcritical systems
 *BT1 fast reactors
 *BT1 lead-bismuth cooled reactors
 *BT1 research reactors

myrrha reactor

2016-07-11
 USE myrrha facility

myxedema

USE hypothyroidism

MYXOMYCETES

UF slime fungi
 *BT1 fungi

MZFR REACTOR

Forschungszentrum Karlsruhe, Baden-Wuerttemberg, Federal Republic of Germany. Permanent shutdown since 1986.
 UF mehrzweck-forschungsreaktor
 *BT1 natural uranium reactors
 *BT1 phwr type reactors
 *BT1 power reactors
 *BT1 test reactors
 *BT1 thermal reactors

n,n-ethylenebis(2-(o-hydroxyphenyl)glycine)

INIS: 2000-04-12; ETDE: 1976-06-07
 USE eddha

n-1150 resonances

INIS: 1988-03-08; ETDE: 2002-04-19
 (Prior to December 1987 this was a valid descriptor.)
 SEE n*baryons

N-1440 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-11
 (Prior to December 1987 this concept was indexed by N-1470RESONANCES.)
UF n-1470 resonances
UF roper resonance
 *BT1 n baryons

n-1470 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n-1440 baryons

N-1520 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-11
 (Prior to December 1987 this concept was indexed by N-1520RESONANCES.)
UF n-1520 resonances
 *BT1 n baryons

n-1520 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n-1520 baryons

N-1535 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-11
 (Prior to December 1987 this concept was indexed by N-1535RESONANCES.)
UF n-1535 resonances
 *BT1 n baryons

n-1535 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n-1535 baryons

N-1650 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-11
 *BT1 n baryons

N-1675 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-11
 *BT1 n baryons

N-1680 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-11
 (Prior to December 1987 this concept was indexed by N-1680RESONANCES.)
UF n-1680 resonances
UF n-1688 resonances
 *BT1 n baryons

n-1680 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n-1680 baryons

n-1688 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n-1680 baryons

N-1700 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-11
 (Prior to December 1987 this concept was indexed by N-1700RESONANCES.)
UF n-1700 resonances
 *BT1 n baryons

n-1700 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n-1700 baryons

N-1710 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-11
 *BT1 n baryons

N-1720 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-11
 *BT1 n baryons

n-1780 resonances

1988-03-08
 (Prior to December 1987 this was a valid descriptor.)
 SEE n*baryons

n-1860 resonances

1988-03-08
 (Prior to December 1987 this was a valid descriptor.)
 SEE n*baryons

N-1960 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 *BT1 n baryons

N-1990 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 (Prior to December 1987 this concept was indexed by N-1990RESONANCES.)
UF n-1990 resonances
 *BT1 n baryons

n-1990 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n-1990 baryons

N-2000 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 *BT1 n baryons

n-2040 resonances

1988-03-08
 (Prior to December 1987 this was a valid descriptor.)
 SEE n*baryons

N-2080 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 *BT1 n baryons

N-2100 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 *BT1 n baryons

N-2190 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 (Prior to December 1987 this concept was indexed by N-2190RESONANCES.)
UF n-2190 resonances
 *BT1 n baryons

n-2190 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n-2190 baryons

N-2250 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 *BT1 n baryons

N-3000 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 (Prior to December 1987 this concept was indexed by N-3030RESONANCES.)
UF n-3030 resonances
 *BT1 n baryons

n-3030 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n-3000 baryons

N BARYONS

INIS: 1995-07-17; ETDE: 1988-03-11
 *BT1 n*baryons
 NT1 n-1440 baryons
 NT1 n-1520 baryons
 NT1 n-1535 baryons
 NT1 n-1650 baryons
 NT1 n-1675 baryons
 NT1 n-1680 baryons
 NT1 n-1700 baryons
 NT1 n-1710 baryons
 NT1 n-1720 baryons
 NT1 n-1960 baryons
 NT1 n-1990 baryons
 NT1 n-2000 baryons
 NT1 n-2080 baryons
 NT1 n-2100 baryons
 NT1 n-2190 baryons
 NT1 n-2250 baryons
 NT1 n-3000 baryons

N CODES

BT1 computer codes

N-D METHOD

BT1 calculation methods
 RT dispersion relations
 RT partial waves

n-ethyl maleimide

INIS: 1976-05-07; ETDE: 1976-08-24
 USE nem

n-o-iodobenzoylaminoacetate

INIS: 1975-10-23; ETDE: 2002-04-16
 USE hippuran

N-REACTOR

US DOE, Hanford Reservation, Richland, Washington, USA. Shut down in 1988; being cocooned.
UF npr reactor
UF power-plutonium production reactor richland
UF richland npr reactor
UF richland power-plutonium production reactor
 *BT1 enriched uranium reactors
 *BT1 lwgr type reactors
 *BT1 plutonium production reactors
 *BT1 power reactors
 RT wnp-1 reactor

N SHELL

INIS: 1979-11-02; ETDE: 1978-10-23
Atomic electron shells.
UF atomic shells (n)
 BT1 electronic structure

N-TYPE CONDUCTORS

*BT1 semiconductor materials
 RT p-n junctions

N*BARYONS

INIS: 1987-12-21; ETDE: 1988-02-19
 (Prior to December 1987 this concept was indexed by N*RESONANCES.)
UF delta resonances (baryon)
UF isobars (nucleon)
*UF n*resonances*
UF nucleon isobars
SF delta-1877 resonances
SF n-1150 resonances
SF n-1780 resonances
SF n-1860 resonances

SF *n-2040 resonances*
 *BT1 baryons
NT1 delta baryons
NT2 delta-1232 baryons
NT2 delta-1600 baryons
NT2 delta-1620 baryons
NT2 delta-1700 baryons
NT2 delta-1900 baryons
NT2 delta-1905 baryons
NT2 delta-1910 baryons
NT2 delta-1920 baryons
NT2 delta-1930 baryons
NT2 delta-1950 baryons
NT2 delta-2000 baryons
NT2 delta-2150 baryons
NT2 delta-2200 baryons
NT2 delta-2400 baryons
NT2 delta-2420 baryons
NT2 delta-3000 baryons
NT1 n baryons
NT2 n-1440 baryons
NT2 n-1520 baryons
NT2 n-1535 baryons
NT2 n-1650 baryons
NT2 n-1675 baryons
NT2 n-1680 baryons
NT2 n-1700 baryons
NT2 n-1710 baryons
NT2 n-1720 baryons
NT2 n-1960 baryons
NT2 n-1990 baryons
NT2 n-2000 baryons
NT2 n-2080 baryons
NT2 n-2100 baryons
NT2 n-2190 baryons
NT2 n-2250 baryons
NT2 n-3000 baryons
 RT fractional-parentage coefficients

n*resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE n*baryons

naa

2002-11-25
 USE neutron activation analysis

NABARLEK DEPOSIT

INIS: 1978-07-03; ETDE: 1978-08-07
 *BT1 uranium deposits
 RT northern territory
 RT uranium ores

NAC CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-07-07
Separated-sector cyclotron of the National Accelerator Centre, Faure, Republic of South Africa.
 UF faure cyclotron
 UF nacssc
 UF national accelerator center (south africa) cyclotron
 UF south africa nac cyclotron
 *BT1 heavy ion accelerators
 *BT1 isochronous cyclotrons

nacssc

INIS: 1984-04-04; ETDE: 1983-03-24
Separated-sector cyclotron of the National Accelerator Centre, Faure, Republic of South Africa.
 USE nac cyclotron

NAD

Nicotinamide-Adenine Dinucleotide.
 UF coenzyme i
 UF nicotinamide-adenine dinucleotide
 BT1 coenzymes
 *BT1 nucleotides

RT nicotinamide
 RT pyridines

NADH2

UF diphosphodihydropyridine nucleotide
 UF reduced nicotinamide-adenine dinucleotide
 BT1 coenzymes
 *BT1 nucleotides
 RT nicotinamide

NADP

Nicotinamide-Adenine Dinucleotide Phosphate.
 UF coenzyme ii
 UF nicotinamide-adenine dinucleotide phosphate
 BT1 coenzymes
 *BT1 nucleotides
 RT nicotinamide

NAEGITE

2000-04-12
 *BT1 oxide minerals
 *BT1 thorium minerals
 *BT1 uranium minerals
 RT thorium oxides
 RT uranium oxides
 RT zirconium oxides

NAGASAKI

*BT1 japan
 RT a-bomb survivors
 RT nuclear explosions
 RT nuclear weapons

NAHCOLITE

2000-04-12
White monoclinic mineral consisting of natural sodium bicarbonate.
 *BT1 carbonate minerals
 RT integrated in-situ process
 RT sodium carbonates

NAI DETECTORS

INIS: 1979-09-18; ETDE: 1979-02-05
 UF sodium iodide detectors
 *BT1 solid scintillation detectors

NAILS

*BT1 skin
 RT fingers

nak

INIS: 1986-03-04; ETDE: 2002-04-16

USE potassium alloys
 USE sodium alloys

NAK COOLED REACTORS

1986-03-04
 (Prior to March 1986 this concept was indexed by coordination of POTASSIUM COOLED REACTORS and SODIUM COOLED REACTORS.)
 *BT1 liquid metal cooled reactors
NT1 ebr-1 reactor
NT1 s10fs-1 reactor
NT1 s10fs-3 reactor
NT1 s10fs-4 reactor
NT1 s2ds reactor
NT1 s8dr reactor
NT1 s8er reactor
NT1 ser reactor
NT1 snaptran reactors
 RT potassium cooled reactors
 RT sodium cooled reactors

nal synchrotron

INIS: 1990-12-07; ETDE: 1975-11-12
 (Prior to December 1990, this was a valid descriptor.)
 USE fermilab accelerator

NAMAFJALL GEOTHERMAL FIELD

2000-04-12
 BT1 geothermal fields
 RT iceland

NAMIBIA

INIS: 1992-04-24; ETDE: 1984-06-29
Until July 1984 this country was known as South West Africa and older material is so indexed.
 UF south west africa
 UF southwest africa
 BT1 africa
 RT south africa

NANO AMP BEAM CURRENTS

INIS: 1976-02-11; ETDE: 1975-10-28
From 10 exp -9 to 10 exp -6 amp.
 *BT1 beam currents

NANO GY RANGE

2012-05-30
 *BT1 absorbed dose range

NANO SV PER HOUR RANGE

2013-01-23
 BT1 radiation dose rate ranges

NANOCHEMISTRY

2014-10-28
 BT1 chemistry
 RT nanotechnology

NANOCOMPOSITES

2014-10-28
 *BT1 nanomaterials

nanoelectromechanical systems

2014-08-26
 USE nems

NANOELECTRONICS

2014-08-20
 RT electronic circuits
 RT nanotechnology
 RT nems

NANOFIBERS

2014-10-28
 BT1 nanostructures

NANOFLUIDICS

2014-10-28
Study of the dynamics of fluids confined to structures of dimensions in the nanometer range.
 *BT1 fluid mechanics
 RT nanotechnology

NANOFLUIDS

2014-10-28
Fluids containing nanometer-sized particles.
 BT1 fluids
 *BT1 suspensions
 RT nanoparticles
 RT nanotechnology

NANOMATERIALS

2014-10-28
Materials containing particles where, for most of the particles, one or more external dimensions are in the size range 1 nm - 100 nm.
 (See also NANOSTRUCTURES.)
 BT1 materials
NT1 nanocomposites
 RT dendrimers

RT metamaterials
RT nanoparticles

NANOPARTICLES

2014-08-20

Particles with an aerodynamic diameter from 1 to 100 nm.

BT1 particles
RT nanofluids
RT nanomaterials

NANOSECONDS LIVING**RADIOISOTOPES**

1980-11-07

(From 10 exp -9 to 10 exp -6 sec; prior to June 2003 NANOSEC LIVING RADIOISOTOPES was used for this concept.)

*BT1 radioisotopes

NT1 actinium 217
NT1 aluminium 40
NT1 antimony 113
NT1 antimony 117
NT1 argon 30
NT1 astatine 213
NT1 astatine 214
NT1 barium 138
NT1 bismuth 211
NT1 bromine 83
NT1 calcium 34
NT1 carbon 21
NT1 chlorine 29
NT1 chlorine 30
NT1 chromium 65
NT1 chromium 66
NT1 cobalt 49
NT1 fermium 256
NT1 fluorine 18
NT1 fluorine 28
NT1 fluorine 30
NT1 fluorine 31
NT1 francium 211
NT1 francium 212
NT1 francium 213
NT1 francium 215
NT1 francium 216
NT1 gadolinium 136
NT1 gadolinium 147
NT1 gadolinium 148
NT1 germanium 86
NT1 germanium 88
NT1 germanium 89
NT1 krypton 86
NT1 krypton 97
NT1 lead 194
NT1 lead 200
NT1 magnesium 37
NT1 magnesium 39
NT1 manganese 45
NT1 molybdenum 92
NT1 molybdenum 94
NT1 neon 33
NT1 neptunium 237
NT1 osmium 182
NT1 oxygen 25
NT1 oxygen 26
NT1 oxygen 27
NT1 phosphorus 25
NT1 plutonium 237
NT1 polonium 210
NT1 polonium 212
NT1 potassium 40
NT1 protactinium 219
NT1 protactinium 220
NT1 radium 216
NT1 radon 210
NT1 radon 211
NT1 radon 214
NT1 rhodium 90
NT1 rhodium 91
NT1 rubidium 85

NT1 scandium 38
NT1 selenium 64
NT1 sodium 22
NT1 tellurium 105
NT1 thorium 218
NT1 titanium 58
NT1 titanium 59
NT1 vanadium 61
NT1 vanadium 62
NT1 vanadium 63
NT1 zirconium 109
RT half-life
RT lifetime

NANOSTRUCTURES

INIS: 2003-03-18; ETDE: 2003-11-03

Components, devices, or structures in the nanometer size range, where quantum effects are often seen. Coordinate with other descriptors as appropriate.

(From March to October 2003

NANOSTRUCTURE was used for this concept.)

NT1 nanofibers
NT1 nanotubes
NT2 carbon nanotubes
NT1 nanowires
NT1 quantum dots
NT1 quantum wells
NT1 quantum wires
RT electronic structure
RT electrons
RT microstructure
RT nanotechnology
RT semiconductor materials
RT solids

NANOTECHNOLOGY

2003-11-03

RT nanochemistry
RT nanoelectronics
RT nanofluidics
RT nanofluids
RT nanostructures

NANOTUBES

2003-11-03

BT1 nanostructures
NT1 carbon nanotubes

NANOWIRES

2014-10-28

BT1 nanostructures

NAP-M STORAGE RING

INIS: 1975-08-22; ETDE: 1975-10-01

BT1 storage rings

napap

INIS: 2000-04-12; ETDE: 1984-12-10

(Prior to October 1991, this was a valid ETDE descriptor.)

USE us napap

NAPHTHA

2000-04-12

Fraction of coal tar oil distilling in range 160-220C; petroleum distilling in range 175-204C.

BT1 distillates
NT1 ligroin
RT petroleum products

NAPHTHALENE

*BT1 polycyclic aromatic hydrocarbons
RT acenaphthene
RT decalin
RT tetralin

naphthalic acid

USE phthalic acid

naphthenes

INIS: 2000-04-12; ETDE: 1977-03-08

USE hydroaromatics

NAPHTHOLS

1996-10-22

UF acid chrome dyes
UF beryllon
UF dsnadns
UF hydroxynaphthalenes
UF naphthols-alpha
UF naphthols-beta
*BT1 phenols
NT1 1-nitroso-2-naphthol
NT1 nitroso-r salt
NT1 pyridylazonaphthol
NT1 thorin
NT1 trypan blue

naphthols-alpha

USE naphthols

naphthols-beta

USE naphthols

NAPHTHYL RADICALS

*BT1 aryl radicals

NARCOTICS

1996-07-08

UF opiates
*BT1 central nervous system depressants
NT1 heroin
NT1 methadone hydrochloride
NT1 opium
NT2 morphine
NT3 thebaine
NT1 pethidine
RT analgesics
RT anesthetics
RT enkephalins
RT hypnotics and sedatives

NARORA-1 REACTOR

Narora, Uttar Pradesh, India.

*BT1 natural uranium reactors
*BT1 phwr type reactors
*BT1 power reactors

NARORA-2 REACTOR

Narora, Uttar Pradesh, India.

*BT1 natural uranium reactors
*BT1 phwr type reactors
*BT1 power reactors

NASA

UF national aeronautics and space administration
*BT1 us organizations

nasa (argentina)

2009-03-30

USE argentine nasa

nasa-test reactor

Plum Brook Reactor Facility.

USE pbr reactor

nasa-tr reactor

Plum Brook Reactor Facility.

USE pbr reactor

nasopharynx

USE pharynx

national accelerator center (south africa) cyclotron

INIS: 1993-11-09; ETDE: 2002-04-16

USE nac cyclotron

national accelerator laboratory

2000-04-12

USE fermilab accelerator

**national acid precipitation
assessment program**

INIS: 2000-04-12; ETDE: 1984-12-10

USE us napap

**national aeronautics and space
administration**

1993-11-09

USE nasa

national bureau of standards

INIS: 1979-02-21; ETDE: 1978-04-06

USE us nbs

national bureau of standards reactor

1993-11-09

USE nbsr reactor

national center of systems reliability

INIS: 1993-11-09; ETDE: 2002-04-16

National Centre of Systems Reliability.

USE ncsr

NATIONAL COAL MODEL

INIS: 2000-04-12; ETDE: 1980-08-12

BT1 energy models

RT coal

NATIONAL CONTROL

*BT1 atomic energy control

RT reactor commissioning

RT reactor decommissioning

RT reactor dismantling

**national council on radiation
protection/measurements (us)**

USE us ncrp

NATIONAL DEFENSE

UF defense

SF defense production act

NT1 ballistic missile defense

NT1 civil defense

RT military assistance

RT military facilities

RT missile silos

RT nuclear weapons

RT space weapons

RT warfare

national electric reliability councils

INIS: 2000-04-12; ETDE: 1979-09-27

USE electric reliability councils

NATIONAL ENERGY ACTS

INIS: 1994-08-22; ETDE: 1993-08-10

(Prior to February 1992 this was a valid ETDE descriptor. From February 1992 to August 1993 this concept in ETDE was indexed to US NATIONAL ENERGY ACT.)

UF us national energy act

BT1 laws

NT1 us energy tax act

NT1 us national energy conservation policy act

NT1 us natural gas policy act

NT1 us power plant and industrial fuel use act

NT1 us public utility regulatory policies act

RT national energy plans

RT us national energy plan

RT us national program plans

**NATIONAL ENERGY
CONSERVATION INCENTIVES
ACT**

INIS: 2000-04-12; ETDE: 1979-11-23

BT1 laws

RT energy conservation

RT financial incentives

**national energy conservation policy
act**

INIS: 2000-04-12; ETDE: 1981-05-18

(Prior to February 1992 this was a valid ETDE descriptor.)

USE us national energy conservation policy act

NATIONAL ENERGY PLANS

INIS: 1992-08-27; ETDE: 1992-09-11

*BT1 energy policy

NT1 us national energy plan

RT energy conservation

RT national energy acts

national energy security corporation

INIS: 2000-04-12; ETDE: 1980-07-23

USE synthetic fuels corporation

national enterprises

INIS: 2000-04-12; ETDE: 1979-07-24

USE public enterprises

national environmental policy act

2000-04-12

(Prior to January 1992 this was a valid ETDE descriptor.)

USE us national environmental policy act

NATIONAL GOVERNMENT

INIS: 1980-11-07; ETDE: 1978-03-09

Use only when needed to make a distinction with the terms local government and/or state government.

UF federal expenditures

UF federal government

RT centrally planned economies

RT government policies

RT institutional sector

RT legislation

RT local government

RT national organizations

RT public officials

RT regulations

RT state government

RT us federal assistance programs

national ignition facility

INIS: 2000-04-12; ETDE: 1997-05-21

Facility for inertial confinement fusion.

USE us national ignition facility

**national institute for occupational
safety and health**

INIS: 2000-04-12; ETDE: 1980-03-29

USE us niosh

**national institute for petroleum and
energy research**

INIS: 1993-11-09; ETDE: 1984-06-29

USE us niper

**national institute of radiological
science cyclotron**

INIS: 1993-11-09; ETDE: 1980-01-24

USE nirs cyclotron

**national instituut voor kernfysica en
hogeenergiefysica**

INIS: 1993-11-09; ETDE: 1977-10-19

USE nikhef

**national oceanic and atmospheric
administration**

INIS: 2000-04-12; ETDE: 1980-01-24

USE us noaa

NATIONAL ORGANIZATIONS

NT1 afghan organizations

NT1 albanian organizations

NT1 algerian organizations

NT1 argentine organizations

NT2 argentine arm

NT2 argentine cnea

NT2 argentine invap

NT2 argentine nasa

NT1 armenian organizations

NT1 australian organizations

NT2 ansto

NT2 arpansa

NT1 austrian organizations

NT2 seibersdorf research centre

NT1 bangladesh organizations

NT1 belgian organizations

NT1 brazilian organizations

NT2 brazilian cnen

NT2 brazilian lnls

NT2 nuclebras

NT1 bulgarian organizations

NT1 canadian organizations

NT2 atomic energy of canada ltd

NT3 chalk river nuclear labs

NT3 wnre

NT2 canadian aecb

NT1 chilean organizations

NT1 chinese organizations

NT2 chinese nnsa

NT2 ciae

NT1 colombian organizations

NT2 ian

NT1 croatian organizations

NT1 cuban organizations

NT1 czech organizations

NT2 subj

NT2 ujb

NT2 uvvvr

NT1 danish organizations

NT2 danish atomic energy commission

NT2 risoe national laboratory

NT3 risoe research establishment

NT1 egyptian organizations

NT2 egyptian atomic energy commission

NT1 estonian organizations

NT1 finnish organizations

NT1 french organizations

NT2 areva nc

NT3 areva nc la hague

NT3 areva nc malvesi

NT3 areva nc marcoule

NT3 areva nc miramas

NT3 areva nc pierrelatte

NT2 cea

NT3 cea bruyeres-le-chatel

NT3 cea cadarache

NT3 cea fontenay-aux-roses

NT3 cea grenoble

NT3 cea la hague

NT3 cea marcoule

NT3 cea pierrelatte

NT3 cea saclay

NT2 electricite de france

NT1 german fr organizations

NT2 bundesamt fuer strahlenschutz

NT2 forschungszentrum juelich

NT2 forschungszentrum karlsruhe

NT2 gesellschaft fuer anlagen- und reaktorsicherheit

NT2 ipp garching

NT2 reaktorsicherheitskommission

NT2 strahlenschutzkommission

NT2 wak

NT2 zfi leipzig
 NT2 zfk rossendorf
 NT1 ghanaian organizations
 NT1 greek organizations
 NT1 hungarian organizations
 NT2 atomki
 NT1 indian organizations
 NT2 barc
 NT2 igcar
 NT1 indonesian organizations
 NT1 iranian organizations
 NT2 iranian atomic energy organization
 NT2 tehran nuclear research centre
 NT1 iraqi organizations
 NT2 iraqi atomic energy commission
 NT3 iraqi nuclear research centre
 NT1 israeli organizations
 NT2 israel atomic energy commission
 NT3 negev nuclear research center
 NT3 soreq nuclear research center
 NT1 italian organizations
 NT2 cise
 NT2 infn
 NT2 italian enea
 NT3 cnen
 NT2 italian enel
 NT1 japanese organizations
 NT2 j-parc center
 NT2 jaea
 NT2 jaeri
 NT2 jnc
 NT2 jnes
 NT2 jnsda
 NT2 kek
 NT2 pnc
 NT1 jordanian organizations
 NT1 kazakhstan organizations
 NT1 korean organizations
 NT2 kaeri
 NT1 latvian organizations
 NT1 lebanese organizations
 NT1 lithuanian organizations
 NT1 macedonian organizations
 NT1 malaysian organizations
 NT2 mint
 NT2 puspati
 NT1 mexican organizations
 NT1 moroccan organizations
 NT1 netherlands organizations
 NT2 ecn
 NT3 rcn
 NT2 iko
 NT2 iri
 NT2 kvi
 NT2 nikhef
 NT1 new zealand organizations
 NT1 norwegian organizations
 NT1 pakistani organizations
 NT1 paraguayan organizations
 NT2 paraguayan cnea
 NT1 philippine organizations
 NT2 philippine nuclear research institute
 NT3 philippine atomic energy commission
 NT3 philippine atomic research center
 NT1 polish organizations
 NT2 panstwowa agencja atomistyki
 NT1 portuguese organizations
 NT1 romanian organizations
 NT1 russian organizations
 NT2 gosatomnadzor rossii
 NT2 nrc kurchatov institute
 NT3 ihep
 NT3 itep
 NT3 st petersburg institute of nuclear physics
 NT2 rosatom
 NT1 slovak organizations

NT2 cyclotron center of the slovak republic
 NT2 javys
 NT2 ujd
 NT2 vuje
 NT1 slovenian organizations
 NT1 south african organizations
 NT1 spanish organizations
 NT1 swedish organizations
 NT1 swiss organizations
 NT1 syrian organizations
 NT1 thai organizations
 NT1 tunisian organizations
 NT1 turkish organizations
 NT2 turkish atomic energy authority
 NT1 ukrainian organizations
 NT1 united kingdom organizations
 NT2 bnfl
 NT2 british coal
 NT2 ncsr
 NT2 nrpb
 NT2 uk national physical laboratory
 NT2 uk nii
 NT2 ukaea
 NT3 aere
 NT3 culham laboratory
 NT1 uruguayan organizations
 NT1 us organizations
 NT2 federal radiation council
 NT2 nasa
 NT2 national science foundation
 NT2 naval research laboratory
 NT2 orau
 NT2 orins
 NT2 synthetic fuels corporation
 NT2 tennessee valley authority
 NT2 us acda
 NT2 us aec
 NT3 ames laboratory
 NT3 anl
 NT3 bettis
 NT3 bnl
 NT3 feed materials production center
 NT3 hapo
 NT3 idaho chemical processing plant
 NT3 kapl
 NT3 lawrence berkeley laboratory
 NT3 lawrence livermore laboratory
 NT3 mound laboratory
 NT3 ornl
 NT3 paducah plant
 NT3 rocky flats plant
 NT3 sandia laboratories
 NT3 savannah river plant
 NT3 sequoyah uf6 production plant
 NT3 y-12 plant
 NT2 us ceq
 NT2 us cia
 NT2 us department of treasury
 NT3 us irs
 NT2 us doa
 NT3 us forest service
 NT3 us rea
 NT2 us doc
 NT3 us nbs
 NT2 us dod
 NT3 us corps of engineers
 NT2 us doe
 NT3 alaska power administration
 NT3 ames laboratory
 NT3 anl
 NT3 atomics international canoga park plant
 NT3 bartlesville energy technology center
 NT3 battelle pacific northwest laboratories
 NT3 bettis
 NT3 bnl

NT3 bonneville power administration
 NT3 economic regulatory administration
 NT3 environmental measurements laboratory
 NT3 feed materials production center
 NT3 fermilab
 NT3 hanford engineering development laboratory
 NT3 hanford reservation
 NT3 hapo
 NT3 idaho chemical processing plant
 NT3 idaho national laboratory
 NT3 inhalation toxicology research institute
 NT3 kansas city plant
 NT3 kapl
 NT3 lanl
 NT3 laramie energy research center
 NT3 laramie energy technology center
 NT3 lawrence berkeley laboratory
 NT3 lawrence livermore national laboratory
 NT4 lawrence livermore laboratory
 NT3 morgantown energy technology center
 NT3 mound laboratory
 NT3 national renewable energy laboratory
 NT3 nevada test site
 NT3 oak ridge reservation
 NT3 orgdp
 NT3 ornl
 NT3 paducah plant
 NT3 pantex plant
 NT3 pinellas plant
 NT3 pittsburgh energy technology center
 NT3 portsmouth centrifuge enrichment plant
 NT3 portsmouth gaseous diffusion plant
 NT3 rocky flats plant
 NT3 sandia national laboratories
 NT4 sandia laboratories
 NT3 savannah river plant
 NT3 sequoyah uf6 production plant
 NT3 southeastern power administration
 NT3 southwestern power administration
 NT3 stanford linear accelerator center
 NT3 us doe field offices
 NT3 us doe inspector general
 NT3 us energy extension service
 NT3 us energy information administration
 NT3 us ferc
 NT3 us msha
 NT3 us niper
 NT3 usur
 NT3 western area power administration
 NT3 wipp
 NT3 y-12 plant
 NT2 us doi
 NT3 us bureau of mines
 NT3 us bureau of reclamation
 NT3 us fws
 NT3 us gs
 NT3 us osm
 NT2 us doj
 NT3 federal bureau of investigation
 NT2 us dol
 NT3 us osha
 NT2 us dos
 NT2 us dot
 NT3 us coast guard
 NT3 us faa
 NT2 us epa
 NT2 us erda

NT3 ames laboratory
NT3 anl
NT3 atomics international canoga park plant
NT3 battelle columbus laboratory
NT3 battelle pacific northwest laboratories
NT3 bettis
NT3 bnl
NT3 feed materials production center
NT3 hanford reservation
NT3 hapo
NT3 idaho chemical processing plant
NT3 kansas city plant
NT3 kapl
NT3 laramie energy research center
NT3 lawrence berkeley laboratory
NT3 lawrence livermore laboratory
NT3 mound laboratory
NT3 oak ridge reservation
NT3 orgdp
NT3 ornl
NT3 paducah plant
NT3 pantex plant
NT3 pinellas plant
NT3 portsmouth gaseous diffusion plant
NT3 rocky flats plant
NT3 sandia laboratories
NT3 savannah river plant
NT3 sequoyah uf6 production plant
NT3 stanford linear accelerator center
NT3 y-12 plant
NT2 us fea
NT2 us federal power commission
NT2 us fema
NT2 us gao
NT2 us gsa
NT2 us hew
NT3 us fda
NT2 us hud
NT2 us jcae
NT2 us national academy of science
NT2 us ncrp
NT2 us niosh
NT2 us noaa
NT2 us nrc
NT2 us nuclear data network
NT2 us ota
NT2 us postal service
NT2 us veterans administration
NT1 uzbek organizations
NT1 vietnamese organizations
RT international organizations
RT national government
RT nuclear operators

national program plans

INIS: 2000-04-12; ETDE: 1979-09-26
 (Prior to February 1992 this was a valid ETDE descriptor.)

USE us national program plans

national radioactive waste repository in mochove

2002-12-17
 USE mochove radioactive waste repository

national radiological protection board

INIS: 1993-11-09; ETDE: 1980-01-24
 USE nrpb

national reactor testing station

USE idaho national laboratory

national reactor testing station burst facility

1993-11-09
 USE pbf reactor

NATIONAL RENEWABLE ENERGY LABORATORY

INIS: 1994-06-13; ETDE: 1994-04-29
 (Until June 1994 this was indexed by SOLAR ENERGY RESEARCH INSTITUTE.)

UF nrel
 UF seri
 UF solar energy research institute
 *BT1 us doe
 RT solar energy

NATIONAL SCIENCE FOUNDATION

*BT1 us organizations

NATIONAL SECURITY

INIS: 1984-04-04; ETDE: 1979-12-10
 BT1 security
 RT ballistic missile defense
 RT classified information
 RT nuclear deterrence
 RT radiological dispersal devices
 RT security violations

national synchrotron light source

INIS: 1979-09-18; ETDE: 1979-04-11
 USE nsls

NATIONALIZATION

INIS: 1986-03-04; ETDE: 1980-06-06
Takeover by government, with or without compensation, of a public or private activity.

RT centrally planned economies
 RT economic policy
 RT government policies

NATO

INIS: 1987-06-29; ETDE: 1976-02-19
North Atlantic Treaty Organization.
 UF north atlantic treaty organization
 BT1 international organizations

NATROAUTUNITE

2000-04-12
 *BT1 uranium minerals
 RT uranium phosphates

natural activity

USE natural radioactivity

NATURAL ANALOGUE

INIS: 1993-09-17; ETDE: 1993-11-08
 UF geologic natural analogue
 RT geologic formations
 RT geologic structures
 RT radioactive waste disposal
 RT radionuclide migration
 RT uranium deposits
 RT uranium mines

NATURAL ATTENUATION

2005-07-06
Reduction in the amount of pollution or contamination by naturally occurring physical, chemical, and/or biological processes.

RT chemical spills
 RT decontamination
 RT hazardous materials spills
 RT land pollution control
 RT land reclamation
 RT oil spills
 RT remedial action
 RT water pollution control

NATURAL BRIDGES NATIONAL MONUMENT

INIS: 2000-04-12; ETDE: 1981-09-08
 BT1 public lands
 RT photovoltaic power supplies
 RT utah

natural circulation

USE natural convection

NATURAL CONVECTION

Heat transfer by natural convection.
 UF free convection
 UF natural circulation
 UF natural draft cooling towers
 UF natural ventilation
 *BT1 convection
 RT displacement ventilation
 RT grashof number
 RT rayleigh number
 RT thermosyphons

natural depletion

INIS: 2000-04-12; ETDE: 1979-02-23
 USE primary recovery

natural disaster (exceptional)

INIS: 1985-12-10; ETDE: 2002-01-30
 USE exceptional natural disaster

NATURAL DISASTERS

INIS: 1999-02-24; ETDE: 1996-03-28
Occurrences such as large-scale drought, glacier movement, floods, fires, storms, etc. (From June 1978 until March 1996 DISASTERS was used for this concept in ETDE.)

SF disasters
 NT1 exceptional natural disaster
 RT explosions
 RT fires
 RT floods
 RT rain
 RT snow
 RT storms
 RT tsunamis
 RT weather
 RT wind

natural draft cooling towers

2000-04-12
 (Prior to March 1997 this was a valid ETDE descriptor.)
 USE cooling towers
 USE natural convection

NATURAL GAS

*BT1 fossil fuels
 *BT1 fuel gas
 NT1 abiogenic gas
 NT1 compressed natural gas
 NT1 liquefied natural gas
 RT alaska gas pipeline
 RT arctic gas pipelines
 RT deregulation
 RT flaring
 RT gas heat pumps
 RT gas hydrates
 RT gas meters
 RT gas spills
 RT gasbuggy event
 RT lng plants
 RT master metering
 RT natural gas deposits
 RT natural gas distribution systems
 RT natural gas industry
 RT natural gas wells
 RT petrochemistry
 RT polar gas project
 RT primary recovery

RT public utilities
 RT refinery gases
 RT rio blanco event
 RT storage facilities
 RT wasatch formation

natural gas appliances

INIS: 2000-04-12; ETDE: 1977-06-21
 USE gas appliances

NATURAL GAS DEPOSITS

INIS: 1991-08-12; ETDE: 1975-09-30
 BT1 geologic deposits
 *BT1 mineral resources
 NT1 natural gas fields
 NT2 gas condensate fields
 RT acidization
 RT geologic traps
 RT geophysical surveys
 RT geopressured systems
 RT natural gas
 RT petroleum geology
 RT powder river basin
 RT reserves
 RT seeps
 RT wasatch formation
 RT well logging equipment
 RT western us overthrust belt

NATURAL GAS DISTRIBUTION SYSTEMS

INIS: 1992-02-19; ETDE: 1976-11-01
 UF natural gas gathering systems
 SF energy transport
 SF transport (energy)
 BT1 energy systems
 RT ferc gas areas
 RT gas utilities
 RT natural gas
 RT pipelines

NATURAL GAS FIELDS

INIS: 1992-02-19; ETDE: 1976-03-11
Surface boundaries of areas from which commercially valuable natural gas is obtained.
 UF gas fields
 *BT1 natural gas deposits
 NT1 gas condensate fields
 RT field production equipment
 RT natural gas wells
 RT reservoir fluids
 RT reservoir rock
 RT well injection equipment
 RT well recovery equipment
 RT well spacing

NATURAL GAS FUEL CELLS

1992-05-20
 *BT1 fuel cells

natural gas gathering systems

INIS: 1992-02-19; ETDE: 1977-01-28
 USE natural gas distribution systems

NATURAL GAS HYDRATE DEPOSITS

INIS: 2000-04-12; ETDE: 1983-01-21
 UF methane hydrate deposits
 BT1 geologic deposits
 RT arctic regions
 RT gas hydrates

NATURAL GAS INDUSTRY

INIS: 1991-12-17; ETDE: 1975-11-28
 BT1 industry
 NT1 lng industry
 RT ferc gas areas
 RT gas utilities
 RT natural gas
 RT natural gas processing plants

RT us natural gas policy act

NATURAL GAS LIQUIDS

1992-04-14
Liquid hydrocarbon mixtures that are gaseous at reservoir temperatures and pressures, but are recoverable by condensation or absorption.

UF natural gasoline
 UF ngl
 *BT1 liquids
 NT1 gas condensates
 NT1 lease condensates
 NT1 liquefied petroleum gases
 NT1 plant condensates
 RT liquefied natural gas

natural gas policy act

INIS: 2000-04-12; ETDE: 1980-05-06
 (Prior to February 1992 this was a valid ETDE descriptor.)
 USE us natural gas policy act

NATURAL GAS PROCESSING PLANTS

INIS: 1992-04-13; ETDE: 1976-07-07
 UF natural gasoline plants
 BT1 industrial plants
 RT natural gas industry

NATURAL GAS WELLS

INIS: 1992-01-16; ETDE: 1975-10-01
 UF gas wells
 BT1 wells
 RT abandoned wells
 RT blowout preventers
 RT drill stem testing
 RT dry holes
 RT exploratory wells
 RT field production equipment
 RT gas condensate wells
 RT hydraulic equipment
 RT interstitial water
 RT natural gas
 RT natural gas fields
 RT perforation
 RT propping agents
 RT rod pumps
 RT sand consolidation
 RT water influx
 RT well completion
 RT well injection equipment
 RT well pressure
 RT well recovery equipment
 RT well servicing
 RT well stimulation
 RT wellhead prices
 RT wellheads

natural gasoline

INIS: 1992-04-14; ETDE: 1976-07-07
 USE natural gas liquids

natural gasoline plants

INIS: 1992-04-13; ETDE: 1976-07-07
 USE natural gas processing plants

NATURAL KILLER CELLS

INIS: 1992-01-28; ETDE: 1992-02-14
 UF nk cells
 *BT1 leukocytes
 RT immunity
 RT lymphocytes

natural language

INIS: 2000-04-12; ETDE: 1985-09-24
Human language as spoken. English, French, or German are examples of natural languages. Restricted to computer technology. (Prior to March 1997 this was a valid ETDE descriptor.)
 USE programming languages

natural lighting

INIS: 2000-04-12; ETDE: 1981-01-09
 USE daylighting

natural mutations

INIS: 1978-02-23; ETDE: 1978-05-01
 USE spontaneous mutations

NATURAL NUCLEAR REACTORS

INIS: 1979-01-18; ETDE: 1979-02-23
 NT1 oklo phenomenon
 RT chain reactions
 RT criticality
 RT reactors
 RT uranium ores

NATURAL OCCURRENCE

1985-07-18
 RT earth crust
 RT element abundance
 RT geochemistry
 RT isotope ratio
 RT ore composition
 RT radioisotopes

NATURAL RADIOACTIVITY

For unspecified naturally occurring radioisotopes only.
 UF natural activity
 BT1 radioactivity
 RT background radiation
 RT daughter products
 RT gamma logging
 RT naturally occurring radioactive materials
 RT polonium
 RT potassium 40
 RT radium
 RT radon
 RT thorium
 RT uranium

natural reactor oklo

INIS: 1976-01-28; ETDE: 2002-04-16
 USE oklo phenomenon

NATURAL RUBBER

1997-06-17
 UF rubber (natural)
 *BT1 rubbers
 RT dielectric materials
 RT guayule
 RT latex
 RT rubber trees

NATURAL STEAM

1992-05-12
Geothermal steam containing incondensable gases such as carbon dioxide and hydrogen sulfide with minor amounts of other gases.
 UF geothermal steam
 *BT1 geothermal fluids
 BT1 steam

NATURAL UNITS

Based on fundamental constants.
 BT1 units
 NT1 uniton
 RT fundamental constants

NATURAL URANIUM

*BT1 uranium

NATURAL URANIUM REACTORS

Reactors primarily fueled with natural uranium.

BT1 reactors
 NT1 agesta reactor
 NT1 aquilon reactor
 NT1 atucha-1 reactor
 NT1 atucha-2 reactor
 NT1 bepo reactor
 NT1 bohunice a-1 reactor
 NT1 bohunice a-2 reactor
 NT1 br-1 reactor
 NT1 bruce-1 reactor
 NT1 bruce-2 reactor
 NT1 bruce-3 reactor
 NT1 bruce-4 reactor
 NT1 bruce-5 reactor
 NT1 bruce-6 reactor
 NT1 bruce-7 reactor
 NT1 bruce-8 reactor
 NT1 cernavoda-1 reactor
 NT1 cernavoda-2 reactor
 NT1 cesar reactor
 NT1 cirus reactor
 NT1 cordoba reactor
 NT1 cp-2 reactor
 NT1 cp-3 reactor
 NT1 darlington-1 reactor
 NT1 darlington-2 reactor
 NT1 darlington-3 reactor
 NT1 darlington-4 reactor
 NT1 dhruva reactor
 NT1 diorit reactor
 NT1 douglas point ontario reactor
 NT1 eco reactor
 NT1 el-1 reactor
 NT1 el-2 reactor
 NT1 essor reactor
 NT1 f-1 reactor
 NT1 fr-2 reactor
 NT1 gentilly-1 reactor
 NT1 gentilly-2 reactor
 NT1 gleep reactor
 NT1 hew-305 reactor
 NT1 hwzpr reactor
 NT1 jatr reactor
 NT1 jrr-3 reactor
 NT1 kaiga-1 reactor
 NT1 kaiga-2 reactor
 NT1 kakrapar-1 reactor
 NT1 kakrapar-2 reactor
 NT1 kalpakkam-1 reactor
 NT1 kalpakkam-2 reactor
 NT1 kanupp reactor
 NT1 magnox type reactors
 NT2 berkeley reactor
 NT2 bradwell reactor
 NT2 calder hall a-1 reactor
 NT2 calder hall a-2 reactor
 NT2 calder hall b-3 reactor
 NT2 calder hall b-4 reactor
 NT2 chapelcross-1 reactor
 NT2 chapelcross-2 reactor
 NT2 chapelcross-3 reactor
 NT2 chapelcross-4 reactor
 NT2 dungeness-a reactor
 NT2 hinkley point-a reactor
 NT2 hunterston-a reactor
 NT2 latina reactor
 NT2 oldbury-a reactor
 NT2 sizewell-a reactor
 NT2 tokai-mura reactor
 NT2 trawsfynydd reactor
 NT2 wylfa reactor
 NT1 marius reactor
 NT1 mzfr reactor
 NT1 narora-1 reactor
 NT1 narora-2 reactor
 NT1 npd reactor

NT1 nru reactor
 NT1 nrx reactor
 NT1 pickering-1 reactor
 NT1 pickering-2 reactor
 NT1 pickering-3 reactor
 NT1 pickering-4 reactor
 NT1 pickering-5 reactor
 NT1 pickering-6 reactor
 NT1 pickering-7 reactor
 NT1 pickering-8 reactor
 NT1 point lepreau-1 reactor
 NT1 point lepreau-2 reactor
 NT1 pse reactor
 NT1 r-1 reactor
 NT1 r-b reactor
 NT1 rajasthan-1 reactor
 NT1 rajasthan-2 reactor
 NT1 rajasthan-3 reactor
 NT1 rajasthan-4 reactor
 NT1 taiwan research reactor
 NT1 windscale production reactors
 NT1 wolsung-1 reactor
 NT1 wolsung-2 reactor
 NT1 wolsung-3 reactor
 NT1 wolsung-4 reactor
 NT1 x-10 reactor
 NT1 zed-2 reactor
 NT1 zeep reactor
 NT1 zephyr reactor
 RT ebr-1 reactor
 RT eole reactor
 RT nora reactor
 RT pdp reactor

natural uranium target

INIS: 1984-04-04; ETDE: 2002-04-16
 USE uranium 238 target

natural ventilation

2004-05-28
 USE natural convection
 USE ventilation

NATURALLY OCCURRING RADIOACTIVE MATERIALS

2019-02-12
Radioactive material containing no significant amounts of radionuclides other than naturally occurring radionuclides.
 UF norm
 *BT1 radioactive materials
 RT natural radioactivity

nature conservation

2004-08-26
 USE environmental protection

NATURE RESERVES

INIS: 1992-03-30; ETDE: 1978-08-07
 UF environmental parks
 UF protected areas
 UF wilderness areas
 BT1 resources
 RT biosphere
 RT ecosystems
 RT environment
 RT land use
 RT wilderness protection acts

NAURU

INIS: 1987-03-24; ETDE: 1987-11-24
 *BT1 micronesia
 RT pacific ocean

NAUSEA

BT1 symptoms
 RT digestive system diseases

naval oil shale reserves

INIS: 2000-03-28; ETDE: 1983-03-23
 (Prior to February 1992 this was a valid ETDE descriptor.)
 USE us naval oil shale reserves

naval petroleum reserve

INIS: 2000-04-12; ETDE: 1979-10-03
 (Prior to February 1992 this was a valid ETDE descriptor.)
 USE us naval petroleum reserves

naval reactors

INIS: 2000-04-12; ETDE: 1980-04-14
 USE ship propulsion reactors

NAVAL RESEARCH LABORATORY

*BT1 us organizations

naval research laboratory cyclotron

INIS: 1984-06-21; ETDE: 2002-04-16
 USE nrl cyclotron

naval research laboratory linac

INIS: 1984-06-21; ETDE: 2002-04-16
 USE nrl linac

NAVIER-STOKES EQUATIONS

1982-12-08
 (The form NAVIER-STOKES EQUATION was used by ETDE prior to August 1980 and by INIS prior to January 1983.)
 *BT1 partial differential equations
 RT equations of motion
 RT fluid mechanics
 RT incompressible flow
 RT viscous flow

NAVIGATION

INIS: 1992-04-01; ETDE: 1982-03-29
Steering a course.
 RT aircraft
 RT barges
 RT ships
 RT transport

NAVIGATIONAL INSTRUMENTS

RT aircraft
 RT buoys
 RT electronic guidance
 RT global positioning system
 RT inertial guidance
 RT rockets
 RT ships
 RT space vehicles

NBI CYCLOTRON

INIS: 1985-06-10; ETDE: 1985-07-19
 UF niels bohr institute cyclotron
 *BT1 cyclotrons

nbs (us)

INIS: 1984-06-21; ETDE: 2002-04-16
 USE us nbs

nbs synchrotron ultraviolet radiation facility

INIS: 1993-11-09; ETDE: 1984-08-20
 USE surf ii storage ring

NBSR REACTOR

National Inst. of Standards and Technology, Washington, DC, USA.
 UF national bureau of standards reactor
 UF us nbs reactor
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 materials testing reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 thermal reactors

ncrp (us)

INIS: 1984-06-21; ETDE: 2002-04-16
 US National Council on Radiation Protection and Measurements.
 USE us ncrp

NCSCR-1 REACTOR

North Carolina State College, Raleigh, North Carolina, USA.
 UF north carolina state college research reactor-1
 UF raleigh-ncsc research reactor-1
 *BT1 aqueous homogeneous reactors
 *BT1 enriched uranium reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 training reactors

NCSR

INIS: 1975-11-11; ETDE: 1976-06-07
 National Centre of Systems Reliability.
 UF national center of systems reliability
 *BT1 united kingdom organizations
 RT systems analysis

ncuspr reactor

USE pulstar-raleigh reactor

nda remote experiment station

USE prr reactor

ndpp

ETDE: 2002-04-16
 P-nitro-3-dimethylaminopropiophenone-HCl.
 USE amines
 USE aromatics
 USE ketones
 USE nitro compounds

NEA

1995-03-31
 Nuclear Energy Agency of the OECD; until April 1972 known as European Nuclear Energy Agency.
 UF enea
 UF european nuclear energy agency
 UF nuclear energy agency
 UF nuclear energy agency (oecd)
 *BT1 oecd

NEAR INFRARED RADIATION

Wavelength range 0.8-2.5 microns.
 *BT1 infrared radiation

near-surface disposal

2013-11-27
 USE ground disposal

NEAR ULTRAVIOLET RADIATION

Wavelength range 4000-2000 Å.
 *BT1 ultraviolet radiation

NEBRASKA

1997-06-17
 *BT1 usa
 RT missouri river
 RT north platte river basin

NEBULAE

NT1 crab nebula
 NT1 planetary nebulae
 NT1 solar nebula
 RT cosmic dust
 RT cosmic gases
 RT galaxies
 RT h2 regions
 RT herbig-haro objects

NEC COMPUTERS

INIS: 1992-08-18; ETDE: 1984-10-24
 Computers manufactured by Nippon Electric Company Ltd.
 BT1 computers
 RT supercomputers

NECK

1999-04-06
 BT1 body
 RT carotid arteries
 RT larynx
 RT parathyroid glands
 RT pharynx
 RT thyroid

NECKAR-1 REACTOR

INIS: 1992-03-11; ETDE: 1992-06-22
 Permanent shutdown since 2011.
 (Until March 1992, this information was indexed by NECKAR REACTOR.)
 UF gemeinschaftskernkraftwerk neckar
 UF gkn-1 reactor (neckar)
 UF neckar reactor
 SF gkn reactor (neckar)
 *BT1 pwr type reactors

NECKAR-2 REACTOR

1979-11-02
 UF gkn-2 reactor (neckar)
 SF gkn reactor (neckar)
 *BT1 pwr type reactors

neckar reactor

1992-05-28
 (Prior to June 1992, this was a valid ETDE descriptor.)
 USE neckar-1 reactor

NECROSIS

BT1 pathological changes
 NT1 gangrene
 NT1 osteoradionecrosis
 RT fistulae
 RT ischemia
 RT ulcers
 RT wounds

NEEDLE CHAMBERS

*BT1 proportional counters

neel point

USE neel temperature

NEEL TEMPERATURE

UF neel point
 *BT1 transition temperature
 RT antiferromagnetism
 RT magnetic susceptibility

NEGATIVE ENERGY STATES

BT1 energy levels

negative ions

USE anions

NEGATIVE MASS

BT1 hypothesis
 BT1 mass
 RT special relativity theory

NEGATIVE MASS EFFECT

RT beam dynamics
 RT negative mass instability
 RT plasma instability

NEGATIVE MASS INSTABILITY

*BT1 plasma microinstabilities
 RT negative mass effect

negatons

USE electrons

negatrons

USE electrons

NEGEV NUCLEAR RESEARCH CENTER

INIS: 1979-12-20; ETDE: 1979-11-23
 *BT1 israel atomic energy commission

NEGOTIATION

INIS: 1993-03-12; ETDE: 1987-07-09
 Action or process of conferring with others through conference, discussion, and compromise.
 (From March 1981 till March 1997 MEDIATION was a valid ETDE descriptor.)
 SF mediation
 RT agreements
 RT treaties

NELKIN THEORY

BT1 transport theory

NELSON RIVER

INIS: 2000-04-12; ETDE: 1975-10-28
 *BT1 rivers
 RT canada

NEM

INIS: 1976-05-07; ETDE: 1976-08-24
 N-ethyl maleimide.
 UF n-ethyl maleimide
 *BT1 antimetabolic drugs
 *BT1 imides
 *BT1 radiosensitizers

nemata

INIS: 2000-04-12; ETDE: 1985-05-31
 USE nematodes

NEMATODES

1996-11-13
 UF nemata
 UF worms (round)
 SF aschelminthes
 *BT1 invertebrates
 NT1 ascaridae
 NT2 ascaris
 NT1 dictyocaulus
 NT1 hookworm
 NT1 trichinella
 RT filariasis
 RT parasites

NEMBUTAL

UF pentobarbital
 *BT1 barbiturates

NEMS

2014-08-20
 Nano-Electro-Mechanical Systems.
 UF nanoelectromechanical systems
 RT mems
 RT nanoelectronics

NEOCARCINOSTATIN

INIS: 1979-12-20; ETDE: 1980-01-24
 *BT1 antibiotics
 *BT1 antineoplastic drugs
 *BT1 radiomimetic drugs
 RT antimetabolic drugs
 RT chemotherapy
 RT mutagens
 RT neoplasms

NEOCLASSICAL TRANSPORT THEORY

INIS: 1982-11-30; ETDE: 1979-01-30
 *BT1 charged-particle transport theory
 RT banana regime
 RT bootstrap current
 RT pfirsch-schlueter regime
 RT plasma

RT plateau regime

neocupferron

2000-04-12

(Prior to February 1995, this was a valid ETDE descriptor.)

USE amines

NEODYMIUM

*BT1 rare earths

NEODYMIUM 124

2007-03-13

*BT1 even-even nuclei
*BT1 milliseconds living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 125

2004-12-15

*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 milliseconds living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 126

2007-03-13

*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 127

INIS: 1984-10-19; ETDE: 1984-11-06

*BT1 beta-plus decay radioisotopes
*BT1 even-odd nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

NEODYMIUM 128

INIS: 1984-10-19; ETDE: 1984-11-06

*BT1 beta-plus decay radioisotopes
*BT1 even-even nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 129

INIS: 1977-06-14; ETDE: 1977-10-20

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

NEODYMIUM 130

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

NEODYMIUM 131

INIS: 1977-06-14; ETDE: 1977-10-20

*BT1 beta-plus decay radioisotopes
*BT1 even-odd nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

NEODYMIUM 132

INIS: 1977-06-14; ETDE: 1977-10-20

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 minutes living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 133

INIS: 1977-06-14; ETDE: 1977-10-20

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 minutes living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 134

1976-01-27

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 minutes living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 135

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 minutes living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 136

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 minutes living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 137

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

NEODYMIUM 138

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 hours living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 139

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 140

*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 141

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 142

*BT1 even-even nuclei
*BT1 neodymium isotopes

*BT1 rare earth nuclei

*BT1 stable isotopes

NEODYMIUM 142 REACTIONS

1984-02-23

*BT1 heavy ion reactions

NEODYMIUM 142 TARGET

ETDE: 1976-07-09

BT1 targets

NEODYMIUM 143

*BT1 even-odd nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 stable isotopes

NEODYMIUM 143 TARGET

ETDE: 1976-07-09

BT1 targets

NEODYMIUM 144

*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 years living radioisotopes

NEODYMIUM 144 TARGET

ETDE: 1976-07-09

BT1 targets

NEODYMIUM 145

*BT1 even-odd nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 stable isotopes

NEODYMIUM 145 TARGET

ETDE: 1976-07-09

BT1 targets

NEODYMIUM 146

*BT1 even-even nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 stable isotopes

NEODYMIUM 146 TARGET

ETDE: 1976-07-09

BT1 targets

NEODYMIUM 147

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-odd nuclei
*BT1 internal conversion radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 147 TARGET

INIS: 1980-07-24; ETDE: 1980-08-12

BT1 targets

NEODYMIUM 148

*BT1 even-even nuclei
*BT1 neodymium isotopes
*BT1 rare earth nuclei
*BT1 stable isotopes

NEODYMIUM 148 TARGET

ETDE: 1976-07-09

BT1 targets

NEODYMIUM 149

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 neodymium isotopes
*BT1 rare earth nuclei

NEODYMIUM 149 TARGET

INIS: 1980-07-24; ETDE: 1980-08-12

BT1 targets

NEODYMIUM 150

- *BT1 even-even nuclei
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei
- *BT1 stable isotopes
- RT neodymium 150 reactions

NEODYMIUM 150 REACTIONS

- *BT1 heavy ion reactions
- RT neodymium 150

NEODYMIUM 150 TARGET

- ETDE: 1976-07-09
- BT1 targets

NEODYMIUM 151

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei

NEODYMIUM 152

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei

NEODYMIUM 153

- INIS: 1987-08-27; ETDE: 1987-10-02
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

NEODYMIUM 154

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

NEODYMIUM 155

- INIS: 1987-08-27; ETDE: 1987-09-18
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

NEODYMIUM 156

- INIS: 1987-08-27; ETDE: 1987-10-02
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

NEODYMIUM 157

- 2007-03-13
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei

NEODYMIUM 158

- 2007-03-13
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei

NEODYMIUM 159

- 2007-03-13
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei

NEODYMIUM 160

- 2007-03-13
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei

NEODYMIUM 161

- 2007-03-13
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 neodymium isotopes
- *BT1 rare earth nuclei

NEODYMIUM ADDITIONS

- Alloys containing not more than 1% Nd are listed here.*
- *BT1 neodymium alloys
- *BT1 rare earth additions

NEODYMIUM ALLOYS

- Alloys containing more than 1% Nd.*
- *BT1 rare earth alloys
- NT1 neodymium additions
- NT1 neodymium base alloys

NEODYMIUM BASE ALLOYS

- *BT1 neodymium alloys

NEODYMIUM BORIDES

- *BT1 borides
- *BT1 neodymium compounds

NEODYMIUM BROMIDES

- *BT1 bromides
- *BT1 neodymium halides

NEODYMIUM CARBIDES

- *BT1 carbides
- *BT1 neodymium compounds

NEODYMIUM CARBONATES

- *BT1 carbonates
- *BT1 neodymium compounds

NEODYMIUM CHLORIDES

- *BT1 chlorides
- *BT1 neodymium halides

NEODYMIUM COMPLEXES

- *BT1 rare earth complexes

NEODYMIUM COMPOUNDS

- BT1 rare earth compounds
- NT1 neodymium borides
- NT1 neodymium carbides
- NT1 neodymium carbonates
- NT1 neodymium halides
- NT2 neodymium bromides
- NT2 neodymium chlorides
- NT2 neodymium fluorides
- NT2 neodymium iodides
- NT1 neodymium hydrides
- NT1 neodymium hydroxides
- NT1 neodymium nitrates
- NT1 neodymium nitrides
- NT1 neodymium oxides
- NT1 neodymium perchlorates
- NT1 neodymium phosphates
- NT1 neodymium silicates
- NT1 neodymium silicides
- NT1 neodymium sulfates
- NT1 neodymium sulfides
- NT1 neodymium tellurides
- NT1 neodymium tungstates

NEODYMIUM FLUORIDES

- *BT1 fluorides
- *BT1 neodymium halides

NEODYMIUM HALIDES

- 2012-07-20
- *BT1 halides
- *BT1 neodymium compounds
- NT1 neodymium bromides
- NT1 neodymium chlorides
- NT1 neodymium fluorides
- NT1 neodymium iodides

NEODYMIUM HYDRIDES

- *BT1 hydrides
- *BT1 neodymium compounds

NEODYMIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 neodymium compounds

NEODYMIUM IODIDES

- *BT1 iodides
- *BT1 neodymium halides

NEODYMIUM IONS

- *BT1 ions

NEODYMIUM ISOTOPES

- BT1 isotopes
- NT1 neodymium 124
- NT1 neodymium 125
- NT1 neodymium 126
- NT1 neodymium 127
- NT1 neodymium 128
- NT1 neodymium 129
- NT1 neodymium 130
- NT1 neodymium 131
- NT1 neodymium 132
- NT1 neodymium 133
- NT1 neodymium 134
- NT1 neodymium 135
- NT1 neodymium 136
- NT1 neodymium 137
- NT1 neodymium 138
- NT1 neodymium 139
- NT1 neodymium 140
- NT1 neodymium 141
- NT1 neodymium 142
- NT1 neodymium 143
- NT1 neodymium 144
- NT1 neodymium 145
- NT1 neodymium 146
- NT1 neodymium 147
- NT1 neodymium 148
- NT1 neodymium 149
- NT1 neodymium 150
- NT1 neodymium 151
- NT1 neodymium 152
- NT1 neodymium 153
- NT1 neodymium 154
- NT1 neodymium 155
- NT1 neodymium 156
- NT1 neodymium 157
- NT1 neodymium 158
- NT1 neodymium 159
- NT1 neodymium 160
- NT1 neodymium 161

NEODYMIUM LASERS

- *BT1 solid state lasers
- RT gdl facility
- RT gekko facility
- RT nova facility
- RT novette facility
- RT octal 82 facility
- RT omega facility
- RT phebus facility
- RT shiva facility
- RT trident facility
- RT vulcan facility

NEODYMIUM NITRATES

- *BT1 neodymium compounds
- *BT1 nitrates

NEODYMIUM NITRIDES

- *BT1 neodymium compounds
- *BT1 nitrides

NEODYMIUM OXIDES

- *BT1 neodymium compounds
- *BT1 oxides

NEODYMIUM PERCHLORATES

- *BT1 neodymium compounds
- *BT1 perchlorates

NEODYMIUM PHOSPHATES

- *BT1 neodymium compounds
- *BT1 phosphates

NEODYMIUM SILICATES

- *BT1 neodymium compounds
- *BT1 silicates

NEODYMIUM SILICIDES

- *BT1 neodymium compounds
- *BT1 silicides

NEODYMIUM SULFATES

- *BT1 neodymium compounds
- *BT1 sulfates

NEODYMIUM SULFIDES

- *BT1 neodymium compounds
- *BT1 sulfides

NEODYMIUM TELLURIDES

1976-03-17

- *BT1 neodymium compounds
- *BT1 tellurides

NEODYMIUM TUNGSTATES

INIS: 1980-02-26; ETDE: 1977-06-02

- *BT1 neodymium compounds
- *BT1 tungstates

neogene period

INIS: 2000-04-12; ETDE: 1977-10-20

- USE tertiary period

NEOHYDRIN

- UF chlormerodrin
- *BT1 diuretics

NEOMYCIN

INIS: 1999-02-26; ETDE: 1981-04-20

(Until February 1999, this concept was indexed by the broader term ANTIBIOTICS.)

- *BT1 antibiotics

NEON

- *BT1 rare gases

NEON 16

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 neon isotopes

NEON 17

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 neon isotopes

NEON 18

- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 neon isotopes
- *BT1 seconds living radioisotopes

NEON 19

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 neon isotopes
- *BT1 seconds living radioisotopes

NEON 19 BEAMS

INIS: 1988-11-16; ETDE: 1988-12-02

- *BT1 radioactive ion beams

NEON 20

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 neon isotopes
- *BT1 stable isotopes
- RT neon 20 beams
- RT neon 20 reactions

NEON 20 BEAMS

- *BT1 ion beams
- RT neon 20

NEON 20 REACTIONS

- *BT1 heavy ion reactions
- RT neon 20

NEON 20 TARGET

ETDE: 1976-07-09

- BT1 targets

NEON 21

- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 neon isotopes
- *BT1 stable isotopes

NEON 21 TARGET

ETDE: 1976-07-09

- BT1 targets

NEON 22

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 neon isotopes
- *BT1 stable isotopes
- RT neon 22 beams
- RT neon 22 reactions

NEON 22 BEAMS

- *BT1 ion beams
- RT neon 22

NEON 22 REACTIONS

- *BT1 heavy ion reactions
- RT neon 22

NEON 22 TARGET

ETDE: 1976-07-09

- BT1 targets

NEON 23

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 neon isotopes
- *BT1 seconds living radioisotopes

NEON 24

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 minutes living radioisotopes
- *BT1 neon isotopes

NEON 24 DECAY RADIOISOTOPES

INIS: 1986-03-04; ETDE: 1989-06-23

- *BT1 heavy ion decay radioisotopes
- NT1 protactinium 231
- NT1 thorium 230
- NT1 uranium 232
- NT1 uranium 233
- NT1 uranium 234
- RT neon 24 emission decay

NEON 24 EMISSION DECAY

INIS: 1986-03-04; ETDE: 1989-06-23

- *BT1 heavy ion emission decay
- RT neon 24 decay radioisotopes

NEON 25

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 neon isotopes

NEON 26

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 neon isotopes

NEON 27

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 neon isotopes

NEON 28

INIS: 1979-09-18; ETDE: 1979-04-11

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 neon isotopes

NEON 29

1985-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 neon isotopes

NEON 29 REACTIONS

INIS: 1992-09-23; ETDE: 1985-07-23

- *BT1 heavy ion reactions

NEON 30

1985-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 neon isotopes

NEON 31

2007-03-13

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 neon isotopes

NEON 32

INIS: 1990-07-24; ETDE: 1990-08-06

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 neon isotopes

NEON 33

2007-03-13

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 neon isotopes

NEON 34

2007-03-13

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 microseconds living radioisotopes
- *BT1 neon isotopes

NEON BROMIDES

2013-05-15

- *BT1 bromides
- *BT1 neon halides

NEON CHLORIDES

- *BT1 chlorides
- *BT1 neon halides

NEON COMPLEXES

BT1 complexes

NEON COMPOUNDS

1996-06-28

BT1 rare gas compounds

NT1 neon halides

NT2 neon bromides

NT2 neon chlorides

NT2 neon fluorides

NT2 neon iodides

NT1 neon hydrides

NT1 neon oxides

NEON FLUORIDES

*BT1 fluorides

*BT1 neon halides

NEON HALIDES

2012-07-20

*BT1 halides

*BT1 neon compounds

NT1 neon bromides

NT1 neon chlorides

NT1 neon fluorides

NT1 neon iodides

NEON HYDRIDES

*BT1 hydrides

*BT1 neon compounds

NEON IODIDES

*BT1 iodides

*BT1 neon halides

NEON IONS

*BT1 ions

NEON ISOTOPES

1999-07-16

BT1 isotopes

NT1 neon 16

NT1 neon 17

NT1 neon 18

NT1 neon 19

NT1 neon 20

NT1 neon 21

NT1 neon 22

NT1 neon 23

NT1 neon 24

NT1 neon 25

NT1 neon 26

NT1 neon 27

NT1 neon 28

NT1 neon 29

NT1 neon 30

NT1 neon 31

NT1 neon 32

NT1 neon 33

NT1 neon 34

NEON OXIDES

1996-06-28

(From June 1996 to November 2007 NEON COMPOUNDS + OXIDES was used for this concept.)

*BT1 neon compounds

*BT1 oxides

NEONATES

INIS: 1976-07-08; ETDE: 1976-03-11

Newborn animals.

SF newborns

BT1 animals

RT age groups

RT infants

RT teratogens

neopentane

USE 2-2-dimethylpropane

NEOPLASMS

UF cancer

UF malignancies

UF tumors

BT1 diseases

NT1 carcinomas

NT2 adenomas

NT2 angiomas

NT2 epitheliomas

NT3 melanomas

NT2 hepatomas

NT1 experimental neoplasms

NT2 ehrlich ascites tumor

NT1 gliomas

NT2 astrocytomas

NT1 granulomas

NT1 leukemia

NT2 myeloid leukemia

NT1 lymphomas

NT2 hodgkins disease

NT2 lymphosarcomas

NT1 sarcomas

NT2 fibrosarcomas

NT2 lymphosarcomas

NT2 myosarcomas

NT3 rhabdomyosarcomas

NT2 osteosarcomas

RT angiogenesis

RT antimetotic drugs

RT antineoplastic drugs

RT ascites

RT ascites tumor cells

RT bleomycin

RT carcinoembryonic antigen

RT carcinogenesis

RT carcinogens

RT combined therapy

RT delayed radiation effects

RT dimethylbenzanthracene

RT metastases

RT neocarcinostatin

RT quality of life

RT radioembolization

RT radioimmunodetection

RT tumor cells

RT tumor promoters

NEOPRENE

UF 2-chloro-1,3-butadiene

UF chlorobutadiene

UF chloroprene

*BT1 elastomers

*BT1 organic chlorine compounds

*BT1 organic polymers

RT butadiene

NEP-1 REACTOR

INIS: 1977-06-13; ETDE: 1977-01-28

New England Power Co., Charlestown, Rhode Island, USA. Canceled in 1979 before construction began.

UF new england power-1 reactor

UF new england power company nuclear project-1

*BT1 pwr type reactors

NEP-2 REACTOR

INIS: 1977-06-13; ETDE: 1977-01-28

New England Power Co., Charlestown, Rhode Island, USA. Canceled in 1979 before construction began.

UF new england power-2 reactor

UF new england power company nuclear project-2

*BT1 pwr type reactors

nepa

1977-03-14

USE us national environmental policy act

NEPAL

BT1 asia

BT1 developing countries

NEPHELINE BASALTS

INIS: 2000-04-12; ETDE: 1980-08-12

*BT1 volcanic rocks

RT basalt

NEPHRECTOMY

*BT1 surgery

RT kidneys

NEPHRITIS

*BT1 urogenital system diseases

RT kidneys

NEPHROSCLEROSIS

*BT1 urogenital system diseases

*BT1 vascular diseases

RT kidneys

nepotism

INIS: 2000-04-12; ETDE: 1983-03-23

SEE personnel management

neptex process

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE reprocessing

NEPTUNE PLANET

BT1 planets

NEPTUNE REACTOR

UF derby zpr neptune

*BT1 zero power reactors

NEPTUNIUM

1996-06-28

UF neptunium-beta

*BT1 actinides

*BT1 transuranium elements

NT1 neptunium-alpha

NT1 neptunium-gamma

NEPTUNIUM 225

1992-03-18

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 neptunium isotopes

*BT1 odd-even nuclei

NEPTUNIUM 226

INIS: 1990-12-05; ETDE: 1991-01-15

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 milliseconds living radioisotopes

*BT1 neptunium isotopes

*BT1 odd-odd nuclei

NEPTUNIUM 227

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 milliseconds living radioisotopes

*BT1 neptunium isotopes

*BT1 odd-even nuclei

NEPTUNIUM 228

*BT1 actinide nuclei

*BT1 neptunium isotopes

*BT1 odd-odd nuclei

NEPTUNIUM 229

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 minutes living radioisotopes

*BT1 neptunium isotopes

*BT1 odd-even nuclei

NEPTUNIUM 230

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

- *BT1 electron capture radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-odd nuclei

NEPTUNIUM 231

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-even nuclei

NEPTUNIUM 232

- *BT1 actinide nuclei
- *BT1 electron capture radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-odd nuclei

NEPTUNIUM 232 TARGET

INIS: 1976-07-06; ETDE: 1976-08-24
BT1 targets

NEPTUNIUM 233

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-even nuclei

NEPTUNIUM 234

- *BT1 actinide nuclei
- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-odd nuclei

NEPTUNIUM 235

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-even nuclei
- *BT1 years living radioisotopes

NEPTUNIUM 236

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-odd nuclei
- *BT1 years living radioisotopes

NEPTUNIUM 236 TARGET

INIS: 1981-07-06; ETDE: 1981-08-04
BT1 targets

NEPTUNIUM 237

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-even nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 years living radioisotopes

NEPTUNIUM 237 TARGET

ETDE: 1976-07-09
BT1 targets

NEPTUNIUM 238

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-odd nuclei

NEPTUNIUM 238 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08
BT1 targets

NEPTUNIUM 239

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-even nuclei

NEPTUNIUM 239 TARGET

INIS: 1984-02-23; ETDE: 1979-08-09
BT1 targets

NEPTUNIUM 240

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-odd nuclei

NEPTUNIUM 241

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 neptunium isotopes
- *BT1 odd-even nuclei

NEPTUNIUM 242

INIS: 1981-09-17; ETDE: 1979-07-24
*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 minutes living radioisotopes
*BT1 neptunium isotopes
*BT1 odd-odd nuclei

NEPTUNIUM 243

INIS: 1979-09-18; ETDE: 1979-04-12
*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 minutes living radioisotopes
*BT1 neptunium isotopes
*BT1 odd-even nuclei

NEPTUNIUM 244

INIS: 1987-02-25; ETDE: 1987-05-01
*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 minutes living radioisotopes
*BT1 neptunium isotopes
*BT1 odd-odd nuclei

NEPTUNIUM ADDITIONS

Alloys containing not more than 1% Np are listed here.

- *BT1 neptunium alloys

NEPTUNIUM ALLOYS

Alloys containing more than 1% Np.
UF neptunium base alloys
*BT1 actinide alloys
NT1 neptunium additions

NEPTUNIUM-ALPHA

- *BT1 neptunium

NEPTUNIUM ARSENIDES

- *BT1 arsenides
- *BT1 neptunium compounds

neptunium base alloys

(Prior to March 1997 this was a valid descriptor.)
USE neptunium alloys

neptunium-beta

INIS: 1996-06-28; ETDE: 2002-04-16
(Until June 1996 this was a valid descriptor.)
USE neptunium

NEPTUNIUM BORIDES

1997-01-28
(From October 1996 to February 2008 NEPTUNIUM COMPOUNDS + BORIDES was used for this concept.)
*BT1 borides
*BT1 neptunium compounds

NEPTUNIUM BROMIDES

- *BT1 bromides
- *BT1 neptunium halides

NEPTUNIUM CARBIDES

- *BT1 carbides
- *BT1 neptunium compounds

NEPTUNIUM CARBONATES

- *BT1 carbonates
- *BT1 neptunium compounds

NEPTUNIUM CHLORIDES

- *BT1 chlorides
- *BT1 neptunium halides

NEPTUNIUM COMPLEXES

- *BT1 actinide complexes
- *BT1 transuranium complexes
- NT1 neptunyl complexes

NEPTUNIUM COMPOUNDS

1996-11-13
BT1 actinide compounds
BT1 transuranium compounds
NT1 neptunium arsenides
NT1 neptunium borides
NT1 neptunium carbides
NT1 neptunium carbonates
NT1 neptunium halides
NT2 neptunium bromides
NT2 neptunium chlorides
NT2 neptunium fluorides
NT2 neptunium iodides
NT1 neptunium hydrides
NT1 neptunium hydroxides
NT1 neptunium nitrates
NT1 neptunium nitrides
NT1 neptunium oxides
NT1 neptunium perchlorates
NT1 neptunium phosphates
NT1 neptunium phosphides
NT1 neptunium selenides
NT1 neptunium sulfates
NT1 neptunium sulfides
NT1 neptunium tellurides
NT1 neptunyl compounds

NEPTUNIUM FLUORIDES

- *BT1 fluorides
- *BT1 neptunium halides

NEPTUNIUM-GAMMA

- *BT1 neptunium

NEPTUNIUM HALIDES

2012-07-20
*BT1 halides
*BT1 neptunium compounds
NT1 neptunium bromides
NT1 neptunium chlorides
NT1 neptunium fluorides
NT1 neptunium iodides

NEPTUNIUM HYDRIDES

INIS: 1976-11-17; ETDE: 1976-03-11
*BT1 hydrides
*BT1 neptunium compounds

NEPTUNIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 neptunium compounds

NEPTUNIUM IODIDES

- *BT1 iodides

*BT1 neptunium halides

NEPTUNIUM IONS

*BT1 ions

NEPTUNIUM ISOTOPES

1999-07-16

BT1 isotopes
NT1 neptunium 225
NT1 neptunium 226
NT1 neptunium 227
NT1 neptunium 228
NT1 neptunium 229
NT1 neptunium 230
NT1 neptunium 231
NT1 neptunium 232
NT1 neptunium 233
NT1 neptunium 234
NT1 neptunium 235
NT1 neptunium 236
NT1 neptunium 237
NT1 neptunium 238
NT1 neptunium 239
NT1 neptunium 240
NT1 neptunium 241
NT1 neptunium 242
NT1 neptunium 243
NT1 neptunium 244

NEPTUNIUM NITRATES

*BT1 neptunium compounds
 *BT1 nitrates

NEPTUNIUM NITRIDES

*BT1 neptunium compounds
 *BT1 nitrides

NEPTUNIUM OXIDES

*BT1 neptunium compounds
 *BT1 oxides

NEPTUNIUM PERCHLORATES

1977-01-26

*BT1 neptunium compounds
 *BT1 perchlorates

NEPTUNIUM PHOSPHATES

INIS: 1997-01-28; ETDE: 1982-02-23

(From November 1996 to November 2007

NEPTUNIUM COMPOUNDS +
 PHOSPHATES was used for this concept.)

*BT1 neptunium compounds
 *BT1 phosphates

NEPTUNIUM PHOSPHIDES

*BT1 neptunium compounds
 *BT1 phosphides

NEPTUNIUM SELENIDES

INIS: 1977-06-13; ETDE: 1976-01-23

*BT1 neptunium compounds
 *BT1 selenides

NEPTUNIUM SULFATES

*BT1 neptunium compounds
 *BT1 sulfates

NEPTUNIUM SULFIDES

*BT1 neptunium compounds
 *BT1 sulfides

NEPTUNIUM TELLURIDES

1976-02-24

*BT1 neptunium compounds
 *BT1 tellurides

NEPTUNYL COMPLEXES

1983-09-06

*BT1 neptunium complexes
 RT neptunyl compounds

NEPTUNYL COMPOUNDS

*BT1 neptunium compounds
 RT neptunyl complexes

NERNST EFFECT

When heat flows across the lines of a magnetic field, an EMF is produced in the mutually perpendicular direction.

UF ettingshausen-nernst effect
 UF nernst-ettinghausen effect
 RT ettingshausen effect
 RT hall effect
 RT righi-leduc effect

nernst-ettinghausen effect

USE nernst effect

NERNST HEAT THEOREM

RT thermodynamics

nerva nrx-a1 reactor

2000-04-12

USE nrx-a1 reactor

nerva nrx-a2 reactor

USE nrx-a2 reactor

nerva nrx-a3 reactor

USE nrx-a3 reactor

nerva nrx-a4 engine system test reactor

1993-11-09

USE nrx-a4-est reactor

nerva nrx-a5 reactor

USE nrx-a5 reactor

nerva nrx-a6 reactor

USE nrx-a6 reactor

nerva nrx-a7 reactor

2000-04-12

USE nrx-a7 reactor

nerva nuclear rocket engine

USE nerva reactor

NERVA REACTOR

LASL, Los Alamos, New Mexico, USA.

UF nerva nuclear rocket engine
 *BT1 hydrogen cooled reactors
 *BT1 space propulsion reactors
 RT xe-2 reactor

NERVE CELLS

UF axons
 UF neurons
 *BT1 somatic cells
 RT bioelectricity
 RT myelin
 RT nerve tissue
 RT nervous system
 RT receptors

NERVE TISSUE

*BT1 animal tissues
 RT nerve cells
 RT nerves

NERVES

BT1 nervous system
NT1 sciatic nerve
NT1 vagus
 RT herpes zoster
 RT myelin
 RT nerve tissue
 RT reflexes

NERVOUS SYSTEM

NT1 autonomic nervous system
NT2 vagus
NT1 central nervous system
NT2 brain
NT3 cerebellum
NT3 cerebrum

NT4 cerebral cortex

NT3 hippocampus

NT3 hypothalamus

NT3 olfactory bulbs

NT3 thalamus

NT2 spinal cord

NT1 ganglions

NT1 nerves

NT2 sciatic nerve

NT2 vagus

RT nerve cells

RT nervous system diseases

RT organs

RT pain

RT poliomyelitis

RT reflexes

RT retina

RT sense organs

NERVOUS SYSTEM DISEASES

BT1 diseases

NT1 encephalitis

NT2 rabies

NT1 epilepsy

NT1 gliomas

NT2 astrocytomas

NT1 herpes zoster

NT1 myelitis

NT2 poliomyelitis

RT meningococcus

RT mental disorders

RT nervous system

RT neurology

RT sense organs diseases

NESTOR REACTOR

UKAEA, Winfrith, United Kingdom.

Decommissioned since 2000.

UF neutron source thermal reactor

UF ukaea-nestor reactor

*BT1 argonaut type reactors

*BT1 research reactors

*BT1 thermal reactors

NESTS

INIS: 1991-08-12; ETDE: 1985-10-10

The place where the eggs of animals are laid and hatched and the young are reared.

RT animal breeding
 RT habitat
 RT reproduction

NET ENERGY

2000-04-12

Difference of energy output and energy input.

BT1 energy
 BT1 energy analysis
 RT efficiency
 RT energy accounting
 RT energy consumption
 RT energy efficiency
 RT energy substitution equivalent
 RT energy yield

net material product

INIS: 2000-04-12; ETDE: 1979-11-07

The analogue of gross national product for countries with centrally planned economies. (Prior to February 1995, this was a valid ETDE descriptor.)

SEE gross domestic product
 SEE gross national product

net radiation

2013-12-13

USE radiative forcing

NET TOKAMAK

1986-02-28

UF next european torus

*BT1 tokamak devices

net trade

INIS: 2000-04-12; ETDE: 1979-02-23

Exports minus imports.

(Prior to May 1996 this was a valid ETDE descriptor.)

USE trade

NETHERLANDS

1995-04-03

BT1 developed countries

*BT1 western europe

RT oecd

RT rhine river

RT wadden sea

NETHERLANDS ANTILLES

INIS: 1992-06-04; ETDE: 1979-12-10

*BT1 lesser antilles

NETHERLANDS ORGANIZATIONS

BT1 national organizations

NT1 ecn

NT2 rcn

NT1 iko

NT1 iri

NT1 kvi

NT1 nikhef

NETR REACTOR

2000-04-12

Wright-Patterson Air Force Base, Dayton, Ohio, USA.

UF nuclear engineering test reactor

*BT1 tank type reactors

*BT1 test reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

NETWORK ANALYSIS

INIS: 1983-06-02; ETDE: 1976-07-07

Derivation of the electrical properties of a network from its configuration, element values and driving forces.

RT circuit theory

RT configuration

RT mathematics

networks (computer)

INIS: 2000-04-12; ETDE: 1976-11-02

USE computer networks

neuherberg research reactor

USE frn reactor

neumann functions

INIS: 1975-11-07; ETDE: 2002-04-16

USEessel functions

NEUMANN SERIES

1984-02-22

An arbitrary function expanded in terms of Bessel functions.

BT1 series expansion

RTessel functions

NEUPOTZ-1 REACTOR

INIS: 1978-07-31; ETDE: 1978-09-11

Neupotz, Rheinlandpfalz, Federal Republic of Germany.

*BT1 pwr type reactors

NEUPOTZ-2 REACTOR

INIS: 1978-07-31; ETDE: 1978-09-11

Neupotz, Rheinlandpfalz, Federal Republic of Germany.

*BT1 pwr type reactors

NEURAL NETWORKS

INIS: 1989-09-15; ETDE: 1989-10-16

Computer programs built of linear arrays of processing elements grouped together to

simulate the interconnections between the neurons and the learning rules of the brain.

RTartificial intelligence

RTcomputer architecture

RTexpert systems

RTgenetic algorithms

neuridine

USE spermine

NEUROLOGY

BT1 medicine

RTnervous system diseases

neuron transmission

INIS: 2000-04-12; ETDE: 1982-07-27

USE bioelectricity

neurons

USE nerve cells

NEUROREGULATORS

INIS: 1984-05-24; ETDE: 1981-04-20

*BT1 autonomic nervous system agents

NT1 acetylcholine

NT1 adrenaline

NT1 aminobutyric acid

NT1 dopa

NT1 dopamine

NT1 endorphins

NT2 enkephalins

NT1 noradrenaline

NT1 serotonin

NT2 bufotenine

RTparasympatholytics

RTparasympathomimetics

RTsympatholytics

RTsympathomimetics

NEUROSPORA

*BT1 eumycota

NEUTRAL ATOM BEAM INJECTION

BT1 beam injection

RTatomic beam sources

RTneutral beam sources

NEUTRAL BEAM SOURCES

INIS: 1982-11-30; ETDE: 1977-03-04

Not for subatomic species.

NT1 atomic beam sources

RTion sources

RTneutral atom beam injection

NEUTRAL-CURRENT**INTERACTIONS**

1995-08-10

*BT1 particle interactions

RTfundamental interactions

RTneutral currents

RTweinberg angle

NEUTRAL CURRENTS

UF currents (neutral)

*BT1 algebraic currents

NT1 weak neutral currents

RTcharged currents

RTelectromagnetic interactions

RTneutral-current interactions

RTweak interactions

NEUTRAL PARTICLE ANALYZERS

INIS: 2000-04-12; ETDE: 1997-08-30

*BT1 spectrometers

RTcharge exchange

RTplasma diagnostics

NEUTRAL-PARTICLE TRANSPORT

INIS: 1975-09-09; ETDE: 1975-10-28

UF transport (neutral-particle)

BT1 radiation transport

NT1 atom transport

NT1 neutron transport

NT1 photon transport

RTneutral particles

NEUTRAL PARTICLES

See also the list under *ELEMENTARY PARTICLES*.

RTmissing mass

RTmissing-mass spectrometers

RTneutral-particle transport

neutral red

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE amines

USE indicators

USE pyrazines

NEUTRALINOS

2013-08-26

*BT1 sparticles

RT higgsinos

RT photinos

RT zinos

neutralization (beam)

USE beam neutralization

neutralization (chemical)

USE ph value

neutralization (physical)

Of electrons, holes, or radicals; not for the concept covered by *BEAM*

NEUTRALIZATION.

USE recombination

neutrettos

USE muon neutrinos

neutrino astronomy

2016-12-13

Add other relevant descriptors, e.g. *COSMIC NEUTRINOS* or *SOLAR NEUTRINOS*, *NEUTRINO DETECTION*, as appropriate.

USE astronomy

neutrino astrophysics

2016-12-13

Add other relevant descriptors, e.g. *COSMIC NEUTRINOS* or *SOLAR NEUTRINOS*, *NEUTRINO DETECTION*, as appropriate.

USE astrophysics

NEUTRINO BEAMS

*BT1 lepton beams

NT1 antineutrino beams

NEUTRINO DETECTION

*BT1 radiation detection

RT dumand project

RT neutrino detectors

RT sudbury neutrino observatory

NEUTRINO DETECTORS

2016-12-12

*BT1 radiation detectors

NT1 baikal neutrino telescope

NT1 borexino detector

NT1 iccube neutrino detector

NT1 super-kamiokande neutrino detector

RT neutrino detection

RT neutrinos

neutrino-deuteron interactions

(Prior to May 1996 this was a valid ETDE descriptor.)

USE neutrino-neutron interactions

USE neutrino-proton interactions

NEUTRINO-ELECTRON INTERACTIONS

- *BT1 lepton-lepton interactions
- NT1 antineutrino-electron interactions

neutrino geophysics

2016-12-13

- USE geoneutrinos
- USE geophysics

NEUTRINO-MESON INTERACTIONS

- *BT1 lepton-meson interactions

NEUTRINO MIXING ANGLE

2015-11-26

- BT1 mixing angle
- RT neutrino oscillation

NEUTRINO-MUON INTERACTIONS

- *BT1 lepton-lepton interactions

NEUTRINO-NEUTRINO INTERACTIONS

- *BT1 lepton-lepton interactions

NEUTRINO-NEUTRON INTERACTIONS

(From January 1975 till May 1996

NEUTRINO-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

- UF *neutrino-deuteron interactions*
- *BT1 neutrino-nucleon interactions
- NT1 antineutrino-neutron interactions

NEUTRINO-NUCLEON INTERACTIONS

- *BT1 lepton-nucleon interactions
- NT1 antineutrino-nucleon interactions
- NT2 antineutrino-neutron interactions
- NT2 antineutrino-proton interactions
- NT1 neutrino-neutron interactions
- NT2 antineutrino-neutron interactions
- NT1 neutrino-proton interactions
- NT2 antineutrino-proton interactions

NEUTRINO OSCILLATION

INIS: 1983-10-14; ETDE: 1983-11-09

Periodic transformation of two or more kinds of neutrinos into each other; interference of mass and charge eigenstates.

- RT mixing ratio
- RT neutrino mixing angle
- RT neutrinoless double beta decay
- RT neutrinos
- RT weak interactions

NEUTRINO-PROTON INTERACTIONS

(From January 1975 till May 1996

NEUTRINO-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

- UF *neutrino-deuteron interactions*
- *BT1 neutrino-nucleon interactions
- NT1 antineutrino-proton interactions

NEUTRINO REACTIONS

- *BT1 lepton reactions

NEUTRINOLESS DOUBLE BETA DECAY

2016-05-10

- *BT1 double beta decay
- RT majorana spinors
- RT neutrino oscillation

NEUTRINOS

- UF *j-parc neutrino experimental facility*
- *BT1 leptons
- *BT1 massless particles
- NT1 antineutrinos
- NT2 electron antineutrinos

- NT2 muon antineutrinos
- NT1 atmospheric neutrinos
- NT2 conventional neutrinos
- NT2 prompt neutrinos

- NT1 cosmic neutrinos
- NT1 electron neutrinos
- NT2 electron antineutrinos

- NT1 geoneutrinos
- NT1 muon neutrinos

- NT2 muon antineutrinos
- NT1 reactor neutrinos
- NT1 solar neutrinos
- NT1 sterile neutrinos

- NT1 tau neutrinos
- RT feynman-gell-mann theory
- RT leptonic decay
- RT majorana spinors
- RT neutrino detectors
- RT neutrino oscillation
- RT semileptonic decay
- RT two-component neutrino theory
- RT wimps

NEUTRON ABSORBERS

- NT1 absorber pellets
- NT1 burnable poisons
- RT control elements
- RT reactor control systems
- RT reactor materials
- RT regulating rods
- RT scram rods
- RT shim rods

NEUTRON ACTIVATION ANALYSIS

1978-11-24

- UF *analysis (neutron activation)*
- UF *naa*
- *BT1 activation analysis
- RT neutron activation analyzers
- RT slowpoke src reactor

NEUTRON ACTIVATION ANALYZERS

- BT1 measuring instruments
- RT activation analysis
- RT neutron activation analysis
- RT nuclear reaction analyzers

NEUTRON AGE

- UF *fermi age*
- RT fermi age theory
- RT neutron flux
- RT slowing-down

NEUTRON-ANTINEUTRON INTERACTIONS

(Prior to February 1995 ANTINEUTRON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

- UF *antineutron-deuteron interactions*
- *BT1 nucleon-antinucleon interactions

NEUTRON BEAMS

- *BT1 nucleon beams
- RT neutron guides
- RT neutrons
- RT pulsed neutron techniques

neutron bombs

INIS: 2000-04-12; ETDE: 1981-03-16

- USE enhanced radiation weapons

NEUTRON CAMERAS

INIS: 1978-07-03; ETDE: 1977-09-19

- BT1 cameras
- RT neutron diffractometers
- RT neutron radiography

neutron capture

- USE capture
- USE neutron reactions

NEUTRON CAPTURE THERAPY

- *BT1 neutron therapy
- RT radioactivation

neutron capture-to-fission ratio

1993-11-09

- USE capture-to-fission ratio

NEUTRON CHOPPERS

- UF *choppers (neutron)*
- BT1 beam pulsers
- RT neutron spectrometers
- RT shutters

NEUTRON CONVERTERS

- RT neutron sources
- RT slowing-down
- RT ultracold neutrons

NEUTRON-DEFICIENT ISOTOPES

- *BT1 radioisotopes
- RT delayed proton precursors
- RT delayed protons

NEUTRON DENSITY

- UF *density (neutron)*
- RT neutrons
- RT power density

NEUTRON DETECTION

- *BT1 radiation detection
- RT neutron detectors
- RT neutron dosimetry
- RT neutron monitors
- RT neutron-photon converters
- RT neutron spectrometers
- RT neutron spectroscopy
- RT radiation detectors

NEUTRON DETECTORS

- *BT1 radiation detectors
- NT1 activation detectors
- NT1 bf3 counters
- NT1 boron coated ion chambers
- NT1 boron lined counters
- NT1 fission chambers
- NT1 fission foil detectors
- NT1 fission thermocouple detectors
- NT1 he-3 counters
- NT1 moderating detectors
- NT2 bonner sphere detectors
- NT2 long counters
- NT1 proton recoil detectors
- NT1 self-powered neutron detectors
- NT1 threshold detectors
- RT neutron detection
- RT neutron dosimetry
- RT neutron monitors
- RT neutron thermopiles
- RT reactor control systems

neutron-deuteron interactions

(Prior to May 1996 this was a valid ETDE descriptor.)

- USE neutron-neutron interactions
- USE proton-neutron interactions

NEUTRON DIFFRACTION

- UF *diffraction (neutron)*
- UF *rocking curve*
- *BT1 diffraction
- RT crystallography
- RT diffuse scattering
- RT neutron diffractometers
- RT neutron-photon converters
- RT structural chemical analysis

NEUTRON DIFFRACTOMETERS

- *BT1 diffractometers
- RT crystallography
- RT neutron cameras
- RT neutron diffraction

NEUTRON DIFFUSION EQUATION

*BT1 diffusion equations
 RT fick laws
 RT flux synthesis
 RT homogenization methods
 RT neutron transport theory

NEUTRON DOSIMETRY

BT1 dosimetry
 RT albedo-neutron dosimeters
 RT bubble dosimeters
 RT neutron detection
 RT neutron detectors
 RT neutron monitors

neutron economy

USE neutron flux

NEUTRON EMISSION

UF neutron evaporation
 BT1 emission
 RT liquid drop model

neutron evaporation

USE neutron emission

NEUTRON FLUENCE

UF fluence (neutron)
 NT1 damaging neutron fluence
 NT2 equivalent fission fluence
 RT neutron flux

NEUTRON FLUX

UF flux (neutron)
 UF neutron economy
 UF neutron flux density
 BT1 radiation flux
 NT1 adjoint flux
 RT damaging neutron fluence
 RT disadvantage factor
 RT flux synthesis
 RT heterogeneous effects
 RT homogenization methods
 RT neutron age
 RT neutron fluence
 RT neutron flux flattening
 RT neutron flux tilting
 RT neutron importance function
 RT neutrons

neutron flux density

USE flux density
 USE neutron flux

NEUTRON FLUX FLATTENING

UF flattening (neutron flux)
 RT neutron flux

NEUTRON FLUX TILTING

UF tilting (neutron flux)
 RT neutron flux

NEUTRON-GAMMA LOGGING

INIS: 1976-10-29; ETDE: 1976-06-07
Neutron source and gamma detector.
 UF chlorine logs
 UF oxygen logs
 UF thermal decay time log
 SF hydrogen logs
 *BT1 neutron logging

NEUTRON GENERATORS

INIS: 1982-12-06; ETDE: 1983-02-09
Usually low-energy accelerators used to produce neutrons by nuclear reactions, e.g. $T(d, n)$.
 *BT1 neutron sources

NEUTRON GUIDES

INIS: 1985-11-19; ETDE: 1985-12-13
 RT neutron beams
 RT neutron reflectors

RT neutron sources
 RT neutron transport
 RT pulsed neutron techniques
 RT reactor channels
 RT ultracold neutrons

neutron halos

1995-07-03
 USE nuclear halos

neutron heating

2000-04-12
 USE radiation heating

NEUTRON IMPORTANCE FUNCTION

UF importance function (neutron)
 BT1 functions
 RT adjoint flux
 RT neutron flux
 RT perturbation theory

neutron international standard neutron source

INIS: 1993-11-09; ETDE: 2002-04-16
 USE nirus facility

neutron international standard uranium source

2000-04-12
 USE nirus facility

NEUTRON LEAKAGE

UF leakage (neutron)
 RT neutron transport theory

neutron lifetime log

INIS: 2000-04-12; ETDE: 1979-03-27
 USE neutron-neutron logging

NEUTRON LOGGING

INIS: 1977-01-26; ETDE: 1976-08-24
Well logging using neutron source.
 SF hydrogen logs
 *BT1 radioactivity logging
 NT1 neutron-gamma logging
 NT1 neutron-neutron logging
 RT neutron probes

neutron matter

INIS: 1981-08-18; ETDE: 1981-09-22
 USE nuclear matter

neutron moisture meters

USE moisture gages

NEUTRON MONITORS

*BT1 radiation monitors
 RT neutron detection
 RT neutron detectors
 RT neutron dosimetry
 RT reactor control systems

neutron multiplier facility

USE subcritical assemblies

NEUTRON-NEUTRON INTERACTIONS

(From February 1975 till May 1996
 NEUTRON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)
 UF neutron-deuteron interactions
 *BT1 nucleon-nucleon interactions

NEUTRON-NEUTRON LOGGING

INIS: 1976-10-29; ETDE: 1976-06-07
Neutron source and neutron detector.
 UF neutron lifetime log
 SF hydrogen logs
 *BT1 neutron logging

NEUTRON OSCILLATION

INIS: 1985-11-19; ETDE: 1985-12-13
Process of a reversible neutron-antineutron transformation.
 RT antineutrons
 RT baryon number
 RT neutrons

NEUTRON-PHOTON CONVERTERS

RT neutron detection
 RT neutron diffraction
 RT neutron radiography
 RT photographic film detectors

NEUTRON PHYSICS

2014-12-01
Use only for indexing articles of very broad coverage, such as annual reviews, text books, etc. or general research on the applications of neutrons.
 BT1 physics
 RT atomic physics
 RT high energy physics
 RT neutron reactions
 RT neutron transport theory
 RT neutrons
 RT nuclear physics
 RT reactor physics

NEUTRON PROBES

INIS: 1986-03-04; ETDE: 1989-06-23
 BT1 probes
 RT moisture gages
 RT neutron logging
 RT neutron reactions
 RT neutron sources

NEUTRON RADIOGRAPHY

*BT1 industrial radiography
 RT neutron cameras
 RT neutron-photon converters

NEUTRON REACTIONS

UF neutron capture
 *BT1 nucleon reactions
 NT1 fast fission
 NT1 thermal fission
 RT neutron physics
 RT neutron probes
 RT neutron sputtering

NEUTRON REFLECTORS

UF reflectors (neutron)
 RT configuration control
 RT neutron guides
 RT reflector savings

NEUTRON-RICH ISOTOPES

INIS: 1976-07-16; ETDE: 1975-11-11
 *BT1 beta-minus decay radioisotopes
 RT beta-delayed neutrons

NEUTRON SEPARATION ENERGY

*BT1 binding energy
 RT neutrons

NEUTRON SLOWING-DOWN THEORY

1996-07-08
 (Prior to August 1996 SELENGUT-GOERTZEL EQUATION was a valid ETDE descriptor.)
 UF selengut approximation
 UF selengut-goertzel equation
 UF slowing-down theory (neutron)
 SF greuling-goertzel approximation
 NT1 fermi age theory
 RT moderators
 RT neutron spectra
 RT neutron transport theory
 RT placzec function
 RT reactor physics

RT slowing-down
 RT slowing-down kernels
 RT spencer-fano theory
 RT wick method

NEUTRON SOURCE FACILITIES

INIS: 1994-07-01; ETDE: 1977-10-20

NT1 accelerator neutron source facilities
 NT2 ipns-i synchrotron
 NT2 iren facility
 NT2 spallation neutron source facilities
 NT3 china spallation neutron source
 NT3 european spallation source
 NT3 isis spallation neutron source
 NT3 kipt neutron source facility
 NT3 oak ridge spallation neutron source
 NT3 swiss spallation neutron source
 NT1 fusion neutron source facilities
 NT1 reactor neutron source facilities
 NT2 ihni-1 reactor
 NT2 nirus facility
 RT neutron sources

neutron source thermal reactor

USE nestor reactor

NEUTRON SOURCES

Excludes reactors even when used as neutron sources.

UF ing linac
 UF intense neutron generator linac
 *BT1 particle sources
 NT1 neutron generators
 RT neutron converters
 RT neutron guides
 RT neutron probes
 RT neutron source facilities
 RT neutrons
 RT radioactivation
 RT sigma piles
 RT sora reactor
 RT thermal columns

NEUTRON SPECTRA

UF spectra (neutron)
 BT1 spectra
 NT1 watt fission spectrum
 RT neutron slowing-down theory
 RT neutrons
 RT spectra unfolding
 RT spectral hardening

NEUTRON SPECTROMETERS

*BT1 spectrometers
 NT1 bonner sphere spectrometers
 RT neutron choppers
 RT neutron detection

neutron spectrometry

INIS: 1975-10-23; ETDE: 2002-04-16
 USE neutron spectroscopy

NEUTRON SPECTROSCOPY

UF neutron spectrometry
 BT1 spectroscopy
 RT neutron detection

NEUTRON SPUTTERING

INIS: 2000-04-12; ETDE: 1977-08-24
 BT1 sputtering
 RT neutron reactions
 RT physical radiation effects

NEUTRON STARS

BT1 stars
 RT accretion disks
 RT gravitational collapse
 RT neutrons
 RT nuclear matter
 RT pulsars
 RT starquakes

NEUTRON TEMPERATURE

UF temperature (neutron)
 RT energy
 RT neutrons
 RT thermal neutrons

NEUTRON THERAPY

INIS: 1976-02-11; ETDE: 1976-04-19
 *BT1 radiotherapy
 NT1 neutron capture therapy

NEUTRON THERMOPILES

RT neutron detectors

NEUTRON TRANSFER

RT neutrons
 RT transfer reactions

NEUTRON TRANSPORT

UF transport (neutron)
 *BT1 neutral-particle transport
 RT neutron guides
 RT neutron transport theory

NEUTRON TRANSPORT THEORY

1996-01-24
 (Prior to March 1997 HAYWOOD MODEL and ROSENBLUTH-NELKIN model were valid ETDE descriptors.)

UF haywood model
 SF rosenbluth-nelkin model
 BT1 transport theory
 NT1 multigroup theory
 NT1 one-group theory
 RT adjoint difference method
 RT albedo
 RT collision probability method
 RT discrete ordinate method
 RT extrapolation length
 RT feynman method
 RT fick laws
 RT homogenization methods
 RT milne problem
 RT monte carlo method
 RT neutron diffusion equation
 RT neutron leakage
 RT neutron physics
 RT neutron slowing-down theory
 RT neutron transport
 RT perturbation theory
 RT reactor physics
 RT slowing-down
 RT spherical harmonics method
 RT transfer matrix method
 RT variational methods
 RT yvon method

NEUTRONIC DAMAGE FUNCTIONS

INIS: 1976-05-07; ETDE: 1978-03-08
 BT1 functions
 RT damaging neutron fluence
 RT equivalent fission fluence
 RT irradiation
 RT physical radiation effects

NEUTRONS

1996-07-23
 *BT1 nucleons
 NT1 antineutrons
 NT1 beta-delayed neutrons
 NT1 cold neutrons
 NT2 ultracold neutrons
 NT1 cosmic neutrons
 NT1 epithermal neutrons
 NT1 fast neutrons
 NT1 fission neutrons
 NT2 delayed neutrons
 NT2 prompt neutrons
 NT1 intermediate neutrons
 NT1 photoneutrons
 NT1 pile neutrons

NT1 polyneutrons
 NT2 dineutrons
 NT2 tetra-neutrons
 NT2 trineutrons
 NT1 resonance neutrons
 NT1 slow neutrons
 NT1 solar neutrons
 NT1 thermal neutrons
 RT cinda
 RT neutron beams
 RT neutron density
 RT neutron flux
 RT neutron oscillation
 RT neutron physics
 RT neutron separation energy
 RT neutron sources
 RT neutron spectra
 RT neutron stars
 RT neutron temperature
 RT neutron transfer

NEUTROPHILS

*BT1 leukocytes

NEVADA

*BT1 usa
 NT1 steamboat springs
 NT1 tonopah test range
 RT great basin
 RT nevada test site
 RT snake river plain
 RT yucca mountain

NEVADA TEST SITE

1999-01-25
 BT1 nuclear test sites
 *BT1 us doe
 RT arbor project
 RT nevada
 RT nuclear explosions
 RT nuclear weapons
 RT tonopah test range
 RT yucca mountain

nevada university l-77 reactor

2000-04-12
 USE nevada university reactor

NEVADA UNIVERSITY REACTOR

2000-04-12
 Univ. of Nevada, Reno, Nevada, USA. Shut down in 1974.

UF l-77 nevada university reactor
 UF nevada university l-77 reactor
 UF university of nevada l-77 reactor
 *BT1 aqueous homogeneous reactors
 *BT1 enriched uranium reactors
 *BT1 thermal reactors
 *BT1 training reactors

NEW BRUNSWICK

*BT1 canada

NEW CALEDONIA

INIS: 1992-06-12; ETDE: 1979-12-10
 BT1 oceania

new england

INIS: 2000-04-12; ETDE: 1978-07-06
 USE usa

new england power-1 reactor

INIS: 1984-07-20; ETDE: 2002-04-16
 USE nep-1 reactor

new england power-2 reactor

INIS: 1984-07-20; ETDE: 2002-04-16
 USE nep-2 reactor

new england power company nuclear project-1

INIS: 1993-11-09; ETDE: 1977-01-28

USE nep-1 reactor

new england power company nuclear project-2

INIS: 1993-11-09; ETDE: 1977-01-28

USE nep-2 reactor

NEW GUINEA

ETDE: 1979-09-26

BT1 australasia

BT1 islands

NT1 papua new guinea

RT australia

RT new zealand

RT pacific ocean

NEW HAMPSHIRE

1997-06-17

*BT1 usa

RT connecticut river

RT connecticut river basin

RT gulf of maine

RT us east coast

NEW HEBRIDES ISLANDS

1992-06-04

BT1 islands

RT pacific ocean

NEW JERSEY

1997-06-17

*BT1 usa

RT delaware river

RT hudson river

RT new york bight

RT us east coast

NEW MEXICO

1997-06-19

*BT1 usa

NT1 los alamos

RT baca geothermal field

RT inhalation toxicology research institute

RT jemez mountains

RT lanl

RT permian basin

RT rio grande rift

RT rio grande river

RT sandia laboratories

RT sandia national laboratories

RT santa rosa deposit

RT wipp

new neutron source frm-ii

2004-04-02

USE frm-ii reactor

NEW SOUTH WALES

1997-06-17

*BT1 australia

RT glen davis facility

NEW YORK

1997-06-17

*BT1 usa

NT1 new york city

RT adirondack mountains

RT allegheny river

RT bnl

RT delaware river

RT hudson river

RT kapl

RT long island sound

RT mohawk river

RT new york bight

RT niagara river

RT st lawrence river

RT susquehanna river

RT us east coast

NEW YORK BIGHT

INIS: 2000-04-12; ETDE: 1980-03-29

The section of continental margin and overlying water within the bend of the Atlantic coastline bounded by Long Island on the north and New Jersey on the west.

*BT1 mid-atlantic bight

RT continental shelf

RT new jersey

RT new york

RT us east coast

NEW YORK CITY

*BT1 new york

BT1 urban areas

NEW ZEALAND

1997-06-19

BT1 australasia

BT1 developed countries

BT1 islands

RT broadlands geothermal field

RT kawerau geothermal field

RT new guinea

RT oceania

RT oecd

RT pacific ocean

RT tasman sea

RT waiotapu geothermal field

RT wairakei geothermal field

NEW ZEALAND ORGANIZATIONS

1986-04-03

BT1 national organizations

newbold island-1 reactor

2017-11-09

*Public Service Electric and Gas Co., New**Jersey, USA. Name changed to HOPE**CREEK-1 REACTOR in November 1973**because of change in construction site, and more recent material should be so indexed.*

USE hope creek-1 reactor

newbold island-2 reactor

ETDE: 1976-08-04

*Public Service Electric and Gas Co., New**Jersey, USA. Name changed to HOPE**CREEK-2 REACTOR in November 1973**because of change in construction site, and more recent material should be so indexed.**Canceled in 1981 before construction began.*

USE hope creek-2 reactor

newborns

2000-03-28

SEE infants

SEE neonates

NEWCASTLE DISEASE

*BT1 viral diseases

RT birds

RT viruses

NEWFOUNDLAND

*BT1 canada

BT1 islands

RT atlantic ocean

newton mechanics

USE classical mechanics

NEWTON-METAL

2000-04-12

*BT1 bismuth base alloys

*BT1 lead alloys

*BT1 tin alloys

NEWTON METHOD

INIS: 1978-08-30; ETDE: 1976-02-19

*BT1 iterative methods

RT mathematics

RT numerical solution

RT polynomials

newts

USE salamanders

next european torus

1986-02-28

USE net tokamak

ngl

INIS: 2000-04-12; ETDE: 1976-02-20

USE natural gas liquids

NHR-5 REACTOR

2000-12-27

Tsinghua Univ., Beijing, China.

UF thr reactor

*BT1 enriched uranium reactors

*BT1 process heat reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

NI-HARD

2000-04-12

*BT1 chromium alloys

*BT1 iron alloys

*BT1 iron carbides

*BT1 manganese additions

*BT1 nickel alloys

*BT1 silicon additions

*BT1 sulfur additions

NI-O-NEL

2000-04-12

*BT1 chromium alloys

*BT1 copper alloys

*BT1 molybdenum alloys

*BT1 nickel alloys

*BT1 titanium alloys

niacin

INIS: 1976-02-05; ETDE: 2002-04-16

USE nicotinic acid

NIAGARA RIVER

INIS: 1992-06-04; ETDE: 1983-03-07

*BT1 rivers

RT new york

NICA BM@N DETECTOR

2018-04-20

Baryonic Matter at Nuclotron (BM@N)

UF baryonic matter at the nuclotron

UF baryonic matter detector

RT jinr nuclotron

RT nica collider

NICA COLLIDER

2018-04-18

Relativistic heavy ion collider; Nuclotron-based ion collider facility

*BT1 cyclic accelerators

*BT1 heavy ion accelerators

RT jinr nuclotron

RT nica bm@n detector

RT nica mpd detector

RT nica spd detector

NICA MPD DETECTOR

2018-04-20

MultiPurpose Detector (MPD)

UF multi-purpose detector

RT four-pi detectors

RT heavy ion reactions

RT jinr nuclotron

RT nica collider

NICA SPD DETECTOR

2018-04-20

Spin Physics Detector (SPD) to study the nucleon spin structure and polarization phenomena

UF spin physics detector

RT jinr nuclotron

RT nica collider

NICARAGUA

1997-06-17

*BT1 central america

BT1 developing countries

RT momotombo geothermal field

NICHROME

1993-10-03

*BT1 alloy-ni60fe24cr16

nichrome v

INIS: 1983-11-07; ETDE: 2002-04-16

USE alloy-ni80cr20

NICKEL

*BT1 transition elements

RT black nickel

RT td-nickel

NICKEL 48

2007-03-14

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 49

INIS: 2001-05-23; ETDE: 2001-04-30

*BT1 beta-plus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 nickel isotopes

NICKEL 50

2002-08-13

*BT1 beta-plus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 nickel isotopes

NICKEL 51

2007-03-14

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 52

INIS: 1996-06-17; ETDE: 1996-05-31

*BT1 beta-plus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 nickel isotopes

NICKEL 53

INIS: 1976-05-05; ETDE: 1976-08-24

*BT1 beta-plus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 nickel isotopes

NICKEL 54

1978-02-23

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 55

*BT1 beta-plus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 nickel isotopes

NICKEL 56

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 56 TARGET

INIS: 1992-09-23; ETDE: 1981-11-24

BT1 targets

NICKEL 57

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 57 TARGET

INIS: 1985-12-10; ETDE: 1979-07-24

BT1 targets

NICKEL 58

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 stable isotopes

RT nickel 58 reactions

NICKEL 58 BEAMS

INIS: 1976-10-07; ETDE: 1976-11-01

*BT1 ion beams

NICKEL 58 REACTIONS

*BT1 heavy ion reactions

RT nickel 58

NICKEL 58 TARGET

ETDE: 1976-07-09

BT1 targets

NICKEL 59

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 years living radioisotopes

NICKEL 59 REACTIONS

INIS: 1984-06-21; ETDE: 1984-07-10

*BT1 heavy ion reactions

NICKEL 59 TARGET

ETDE: 1976-07-09

BT1 targets

NICKEL 60

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 stable isotopes

NICKEL 60 BEAMS

INIS: 1979-01-18; ETDE: 1979-02-23

*BT1 ion beams

NICKEL 60 REACTIONS

INIS: 1976-10-07; ETDE: 1976-11-01

*BT1 heavy ion reactions

NICKEL 60 TARGET

ETDE: 1976-07-09

BT1 targets

NICKEL 61

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 stable isotopes

NICKEL 61 REACTIONS

INIS: 1986-12-09; ETDE: 1987-02-24

*BT1 heavy ion reactions

NICKEL 61 TARGET

ETDE: 1976-07-09

BT1 targets

NICKEL 62

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 stable isotopes

NICKEL 62 REACTIONS

1995-03-23

*BT1 heavy ion reactions

NICKEL 62 TARGET

ETDE: 1976-07-09

BT1 targets

NICKEL 63

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 years living radioisotopes

NICKEL 63 TARGET

INIS: 1992-07-06; ETDE: 1992-08-07

BT1 targets

NICKEL 64

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 stable isotopes

NICKEL 64 REACTIONS

INIS: 1978-02-23; ETDE: 1978-04-28

*BT1 heavy ion reactions

NICKEL 64 TARGET

ETDE: 1976-07-09

BT1 targets

NICKEL 65

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 66

*BT1 beta-minus decay radioisotopes

*BT1 days living radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 67

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 seconds living radioisotopes

NICKEL 68

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 69

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 seconds living radioisotopes

NICKEL 70

2005-01-25

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 seconds living radioisotopes

NICKEL 71

INIS: 1990-05-17; ETDE: 1990-06-01

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 seconds living radioisotopes

NICKEL 72

INIS: 1990-05-17; ETDE: 1990-06-01

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

*BT1 seconds living radioisotopes

NICKEL 73

INIS: 1990-05-17; ETDE: 1990-06-01

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 nickel isotopes

NICKEL 74

INIS: 1990-08-24; ETDE: 1990-09-10

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 seconds living radioisotopes

NICKEL 75

2007-03-14

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 nickel isotopes

NICKEL 76

2007-03-14

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 nickel isotopes

NICKEL 77

2007-03-14

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 78

INIS: 1980-11-28; ETDE: 1981-01-09

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 nickel isotopes

NICKEL 80

2017-09-15

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 nickel isotopes

NICKEL ADDITIONS

1996-07-23

Alloys containing not more than 1% Ni are listed here.

*BT1 nickel alloys

NT1 alloy-zr98sn-2

NT2 zircaloy 2

NT1 ounce metal

NT1 steel-cr12moniv

NT1 steel-cr2moninb

NT1 steel-cr2mov

NT1 steel-cralnimo

NT1 steel-crmo

NT1 steel-crmov

NT1 steel-crni

NT1 steel-mncumo

NT2 steel-astm-a537

NT1 steel-mnnimo

NT2 steel-astm-a533-b

NT1 steel-nimocr

NICKEL ALLOYS

1996-11-13

Alloys containing more than 1% Ni.

UF alloy-fe48cr24ni24

UF alloy-in-519

UF german silver

UF in 519

UF manaurite 900

UF nickel silver

UF nitinol

UF refractaloy

UF rezistal

UF stainless steel-44ln

UF steel-0kh21n5t

UF steel-0kh22n5t

UF steel-20n14

UF steel-astm-a350 (gr 3)

UF steel-cr21ni5ti

UF steel-cr22ni5ti

UF steel-cr26ni5mo-l

UF steel-din-1-6348

UF steel-ni3mov

UF steel-ni4

UF white copper

*BT1 transition element alloys

NT1 alloy-co36cr22ni22w15fe3

NT2 haynes 188 alloy

NT1 alloy-co43cr20fe18ni13w3

NT2 havar

NT1 alloy-co54cr20w15ni10

NT2 alloy-hs-25

NT2 haynes 25 alloy

NT1 alloy-co60cr30w4

NT2 stellite 6

NT1 alloy-cu52ni47

NT2 constantan

NT1 alloy-d-979

NT1 alloy-fe40ni35cr22

NT1 alloy-fe44ni33cr21

NT2 incoloy 800h

NT1 alloy-fe46ni33cr21

NT2 incoloy 800

NT2 incoloy 802

NT1 alloy-fe53ni29co18

NT2 kovar

NT1 alloy-hs-31

NT1 alloy-mo-re-1

NT1 alloy-mp35n

NT1 alloy-n28t3

NT1 alloy-s-590

NT1 alloy-s-816

NT1 alloy-v-36

NT1 alloy-yundk 25ba

NT1 alnico alloys

NT1 ascology

NT1 chromium-nickel steels

NT2 alloy-d-9

NT2 carpenter

NT2 chromium-nickel-molybdenum steels

NT3 alloy-m-813

NT3 steel-cr11ni10mo2ti-l

NT3 steel-cr15ni15motib

NT3 steel-cr16ni13monbv

NT3 steel-cr16ni15mo3nb

NT3 steel-cr16ni16monb

NT3 steel-cr16ni8mo2

NT4 stainless steel-16-8-2

NT3 steel-cr16ni9mo2

NT3 steel-cr17ni12mo3

NT4 stainless steel-316

NT3 steel-cr17ni12mo3-l

NT4 stainless steel-316l

NT4 stainless steel-zcnd17-13

NT3 steel-cr17ni12monb

NT3 steel-cr17ni13mo2ti

NT3 steel-cr17ni13mo3ti

NT3 steel-ni26cr15ti2moyalb

NT4 alloy-a-286

NT2 durco

NT2 enduro

NT2 stainless steel-17-7ph

NT2 stainless steel-303

NT2 stainless steel-329

NT2 stainless steel-ph-15-7-mo

NT2 steel-cr17ni13

NT2 steel-cr17ni7

NT3 stainless steel-301

NT2 steel-cr18ni10

NT3 stainless steel-18-10

NT2 steel-cr18ni10-l

NT2 steel-cr18ni10ti

NT3 stainless steel-321

NT2 steel-cr18ni11

NT3 steel-x6crni1811

NT2 steel-cr18ni11nb

NT3 stainless steel-347

NT2 steel-cr18ni11nbco

NT3 stainless steel-348

NT2 steel-cr18ni12

NT3 stainless steel-305

NT2 steel-cr18ni12ti

NT2 steel-cr18ni8

NT3 stainless steel-18-8

NT2 steel-cr18ni9

NT3 stainless steel-302

NT2 steel-cr18ni9ti

NT2 steel-cr19ni10

NT3 stainless steel-304

NT2 steel-cr19ni10-l

NT3 stainless steel-304l

NT2 steel-cr20ni11

NT3 stainless steel-308

NT2 steel-cr20ni11-l

NT3 stainless steel-308l

NT2 steel-cr23ni14

NT3 stainless steel-309

NT3 stainless steel-309s

NT2 steel-cr23ni18

NT2 steel-cr25ni20

NT3 alloy-hk-40

NT3 stainless steel-310

NT2 steel-ni25cr20

NT3 stainless steel-20-25

NT2 steel-ni36cr12ti3al-l

NT2 timken alloys

NT1 cunico

NT1 discaloy

NT1 invar

NT1 manganin

NT1 misco metal

NT1 ni-hard

NT1 ni-o-nel

NT1 nickel additions

NT2 alloy-zr98sn-2

NT3 zircaloy 2

NT2 ounce metal

NT2 steel-cr12moniv

NT2 steel-cr2moninb

NT2 steel-cr2mov

NT2 steel-cralnimo

NT2 steel-crmo

NT2 steel-crmov
NT2 steel-cmi
NT2 steel-mncumo
NT3 steel-astm-a537
NT2 steel-mnnimo
NT3 steel-astm-a533-b
NT2 steel-nimocr
NT1 nickel base alloys
NT2 alloy-b-1900
NT2 alloy-in-102
NT2 alloy-in-853
NT2 alloy-mar-m246
NT2 alloy-mn-21
NT2 alloy-mo-re-2
NT2 alloy-ni43fe30cr22mo3
NT3 incoloy 825
NT2 alloy-ni45fe34cr20
NT2 alloy-ni50mo32cr15si3
NT2 alloy-ni55co17cr15mo5al4ti4
NT3 astroloy
NT2 alloy-ni55cr19co11mo10ti3
NT3 rene 41
NT2 alloy-ni58cr20co14mo4ti3
NT3 waspaloy
NT2 alloy-ni77cr20ti2
NT2 alloy-ni78cr21
NT2 alloy-ni79fe16mo4
NT2 alloy-ni94mn3al2
NT3 alumel
NT2 alloy-nx-188
NT2 alloy-ra-333
NT2 chlorimet
NT2 chromel
NT3 alloy-ni60fe24cr16
NT4 nichrome
NT3 alloy-ni80cr20
NT2 colmonoy
NT2 duranickel
NT2 hastelloys
NT3 alloy-ni49cr22fe18mo9
NT4 hastelloy x
NT3 alloy-ni50cr22fe18mo9
NT4 hastelloy xr
NT3 alloy-ni54mo17cr16fe6w4
NT4 hastelloy c
NT3 alloy-ni62cr16mo15fe3
NT4 hastelloy s
NT3 alloy-ni65mo28fe5
NT4 hastelloy b
NT3 alloy-ni70mo17cr7fe5
NT4 hastelloy n
NT4 inor-8
NT2 illium
NT2 incoloy 901
NT2 inconel alloys
NT3 alloy-ni41fe40cr16nb3
NT4 inconel 706
NT3 alloy-ni46cr23co19ti5al4
NT4 alloy-in-939
NT3 alloy-ni51cr48
NT4 inconel 671
NT3 alloy-ni53cr19fe19nb5mo3
NT4 inconel 718
NT3 alloy-ni54cr22co13mo9
NT4 inconel 617
NT3 alloy-ni59cr30fe9
NT4 inconel 690
NT3 alloy-ni60co15cr10al6ti5mo3
NT4 alloy-in-100
NT3 alloy-ni61cr16co9al3ti3w3
NT4 alloy-in-738
NT3 alloy-ni61cr22mo9nb4fe3
NT4 inconel 625
NT3 alloy-ni61cr23fe14
NT3 alloy-ni73cr15fe7ti3
NT4 inconel x750
NT3 alloy-ni73cr20mn3nb3
NT4 inconel 82
NT3 alloy-ni74cr13al6mo4

NT4 inconel 713c
NT3 alloy-ni75cr12al6mo5
NT4 inconel 713lc
NT3 alloy-ni76cr15fe8
NT4 inconel 600
NT3 inconel 700
NT3 inconel 738
NT3 inconel 739
NT2 konel
NT2 monel
NT3 alloy-ni66cu32
NT4 monel 400
NT2 microbraz 50
NT2 nimonic
NT3 alloy-ni43fe33cr16mo3
NT4 nimonic pe16
NT3 alloy-ni50co20cr15al5mo5
NT4 nimonic 105
NT3 alloy-ni59cr20co17ti2
NT3 alloy-ni65cr25mo10
NT4 nimonic 86
NT3 alloy-ni76cr15fe8
NT4 inconel 600
NT3 alloy-ni76cr20ti2
NT4 nimonic 80a
NT3 nimonic 115
NT3 nimonic 115a
NT2 rene-100
NT2 rene 80
NT2 rene 95
NT2 td-nickel chromium
NT2 tophet
NT2 udimet alloys
NT3 alloy-ni53co19cr15mo5al4ti3
NT4 udimet 700
NT3 udimet 500
NT1 nickel steels
NT2 sweetalloy
NT1 nickeline alloy
NT1 orthonol
NT1 permalloy
NT1 stainless steel-jbk-75
NT1 steel-cd-4mcu
NT1 steel-cr16ni
NT1 steel-cr17cu4ni4nb-l
NT2 stainless steel-17-4ph
NT1 steel-cr17ni4mo3
NT1 steel-cr21mn9ni6
NT2 stainless steel-21-6-9
NT1 steel-cr2nimov
NT1 steel-in-787
NT1 steel-mnnimov
NT1 steel-ni3cr
NT1 steel-ni3crmo
NT2 steel-astm-a543
NT1 steel-ni3crmov
NT1 steel-ni4crw
NT1 steel-nicr
NT1 steel-nicrmo
NT1 supertherm

NICKEL ARSENIDES

INIS: 1991-09-16; ETDE: 1976-07-07

*BT1 arsenides

*BT1 nickel compounds

NICKEL BASE ALLOYS

1996-11-27

(A number of the UF terms below have been valid ETDE descriptors.)

UF alloy-79nm
 UF alloy-ehi 826
 UF alloy-ehi 868
 UF alloy-ehp-199
 UF alloy-ehp-496
 UF alloy-ehp-567
 UF alloy-gmr-235
 UF alloy-hd-8077
 UF alloy-kh20n80t
 UF alloy-khn56vmtyu

UF alloy-khn60b
 UF alloy-khn60v
 UF alloy-khn60vt
 UF alloy-khn67vmtyu
 UF alloy-khn77tyu
 UF alloy-m-252
 UF alloy-ma-754
 UF alloy-mm-0011
 UF alloy-n55m20v25
 UF alloy-n65m20v15
 UF alloy-ni42fe36cr12mo6ti3
 UF alloy-ni45cr23fe19co3mo3w3
 UF alloy-ni56cr21w10mo5fe4al2
 UF alloy-ni58cr14co8al4mo4nb4w4
 UF alloy-ni60cr14co10ti5mo4w4al3
 UF alloy-ni60cr25w15
 UF alloy-ni65mo16cr15w4
 UF alloy-ni67cr19mo5w5ti3
 UF alloy-ni68cr15w6al3mo3fe2
 UF alloy-ni80fe16mo4
 UF alloy-vzh98
 UF alloy-waz-16
 UF hd 8077
 UF ma 754
 UF mm-0011
 UF permalloy c
 UF waz 16
 *BT1 nickel alloys
NT1 alloy-b-1900
NT1 alloy-in-102
NT1 alloy-in-853
NT1 alloy-mar-m246
NT1 alloy-mn-21
NT1 alloy-mo-re-2
NT1 alloy-ni43fe30cr22mo3
NT2 incoloy 825
NT1 alloy-ni45fe34cr20
NT1 alloy-ni50mo32cr15si3
NT1 alloy-ni55co17cr15mo5al4ti4
NT2 astroloy
NT1 alloy-ni55cr19co11mo10ti3
NT2 rene 41
NT1 alloy-ni58cr20co14mo4ti3
NT2 waspaloy
NT1 alloy-ni77cr20ti2
NT1 alloy-ni78cr21
NT1 alloy-ni79fe16mo4
NT1 alloy-ni94mn3al2
NT2 alumel
NT1 alloy-nx-188
NT1 alloy-ra-333
NT1 chlorimet
NT1 chromel
NT2 alloy-ni60fe24cr16
NT3 nichrome
NT2 alloy-ni80cr20
NT1 colmonoy
NT1 duranickel
NT1 hastelloys
NT2 alloy-ni49cr22fe18mo9
NT3 hastelloy x
NT2 alloy-ni50cr22fe18mo9
NT3 hastelloy xr
NT2 alloy-ni54mo17cr16fe6w4
NT3 hastelloy c
NT2 alloy-ni62cr16mo15fe3
NT3 hastelloy s
NT2 alloy-ni65mo28fe5
NT3 hastelloy b
NT2 alloy-ni70mo17cr7fe5
NT3 hastelloy n
NT3 inor-8
NT1 illium
NT1 incoloy 901
NT1 inconel alloys
NT2 alloy-ni41fe40cr16nb3
NT3 inconel 706
NT2 alloy-ni46cr23co19ti5al4
NT3 alloy-in-939

NT2 alloy-ni51cr48
NT3 inconel 671
NT2 alloy-ni53cr19fe19nb5mo3
NT3 inconel 718
NT2 alloy-ni54cr22co13mo9
NT3 inconel 617
NT2 alloy-ni59cr30fe9
NT3 inconel 690
NT2 alloy-ni60co15cr10al6ti5mo3
NT3 alloy-in-100
NT2 alloy-ni61cr16co9al3ti3w3
NT3 alloy-in-738
NT2 alloy-ni61cr22mo9nb4fe3
NT3 inconel 625
NT2 alloy-ni61cr23fe14
NT2 alloy-ni73cr15fe7ti3
NT3 inconel x750
NT2 alloy-ni73cr20mn3nb3
NT3 inconel 82
NT2 alloy-ni74cr13al6mo4
NT3 inconel 713c
NT2 alloy-ni75cr12al6mo5
NT3 inconel 713lc
NT2 alloy-ni76cr15fe8
NT3 inconel 600
NT2 inconel 700
NT2 inconel 738
NT2 inconel 739
NT1 konel
NT1 monel
NT2 alloy-ni66cu32
NT3 monel 400
NT1 microbraz 50
NT1 nimonic
NT2 alloy-ni43fe33cr16mo3
NT3 nimonic pe16
NT2 alloy-ni50co20cr15al5mo5
NT3 nimonic 105
NT2 alloy-ni59cr20co17ti2
NT2 alloy-ni65cr25mo10
NT3 nimonic 86
NT2 alloy-ni76cr15fe8
NT3 inconel 600
NT2 alloy-ni76cr20ti2
NT3 nimonic 80a
NT2 nimonic 115
NT2 nimonic 115a
NT1 rene-100
NT1 rene 80
NT1 rene 95
NT1 td-nickel chromium
NT1 tophet
NT1 udimet alloys
NT2 alloy-ni53co19cr15mo5al4ti3
NT3 udimet 700
NT2 udimet 500

NICKEL BORIDES

*BT1 borides
 *BT1 nickel compounds

NICKEL BROMIDES

*BT1 bromides
 *BT1 nickel halides

NICKEL-CADMIUM BATTERIES

1992-10-02

*BT1 metal-metal oxide batteries

NICKEL CARBIDES

*BT1 carbides
 *BT1 nickel compounds

NICKEL CARBONATES

*BT1 carbonates
 *BT1 nickel compounds

NICKEL CHLORIDES

*BT1 chlorides
 *BT1 nickel halides

nickel-chromium steels

1983-11-14

Steels containing Ni and Cr as main alloying elements; Ni content is higher than Cr content.
 (Prior to November 1983 this was a valid descriptor, and older material is so indexed.)

USE chromium alloys

USE nickel steels

nickel chromium-td

USE td-nickel chromium

NICKEL COMPLEXES

*BT1 transition element complexes

NICKEL COMPOUNDS

1997-06-17

BT1 transition element compounds

NT1 nickel arsenides

NT1 nickel borides

NT1 nickel carbides

NT1 nickel carbonates

NT1 nickel halides

NT2 nickel bromides

NT2 nickel chlorides

NT2 nickel fluorides

NT2 nickel iodides

NT1 nickel hydrides

NT1 nickel hydroxides

NT1 nickel nitrates

NT1 nickel nitrides

NT1 nickel oxides

NT1 nickel phosphates

NT1 nickel phosphides

NT1 nickel selenides

NT1 nickel silicates

NT1 nickel silicides

NT1 nickel sulfates

NT1 nickel sulfides

NT1 nickel tellurides

NT1 nickel tungstates

NT1 nickelates

NICKEL FLUORIDES

*BT1 fluorides

*BT1 nickel halides

NICKEL HALIDES

2012-07-20

*BT1 halides

*BT1 nickel compounds

NT1 nickel bromides

NT1 nickel chlorides

NT1 nickel fluorides

NT1 nickel iodides

NICKEL HYDRIDES

*BT1 hydrides

*BT1 nickel compounds

NICKEL-HYDROGEN BATTERIES

1992-05-07

*BT1 metal-gas batteries

NICKEL HYDROXIDES

*BT1 hydroxides

*BT1 nickel compounds

NICKEL IODIDES

*BT1 iodides

*BT1 nickel halides

NICKEL IONS

*BT1 ions

nickel-iron batteries

INIS: 2000-04-12; ETDE: 1980-10-27

USE iron-nickel batteries

NICKEL ISOTOPES

1999-07-16

BT1 isotopes

NT1 nickel 48

NT1 nickel 49

NT1 nickel 50

NT1 nickel 51

NT1 nickel 52

NT1 nickel 53

NT1 nickel 54

NT1 nickel 55

NT1 nickel 56

NT1 nickel 57

NT1 nickel 58

NT1 nickel 59

NT1 nickel 60

NT1 nickel 61

NT1 nickel 62

NT1 nickel 63

NT1 nickel 64

NT1 nickel 65

NT1 nickel 66

NT1 nickel 67

NT1 nickel 68

NT1 nickel 69

NT1 nickel 70

NT1 nickel 71

NT1 nickel 72

NT1 nickel 73

NT1 nickel 75

NT1 nickel 76

NT1 nickel 77

NT1 nickel 78

NT1 nickel 80

NICKEL NITRATES

*BT1 nickel compounds

*BT1 nitrates

NICKEL NITRIDES

*BT1 nickel compounds

*BT1 nitrides

NICKEL ORES

BT1 ores

NICKEL OXIDES

*BT1 nickel compounds

*BT1 oxides

RT nickelates

NICKEL PHOSPHATES

*BT1 nickel compounds

*BT1 phosphates

NICKEL PHOSPHIDES

INIS: 1976-01-27; ETDE: 1975-10-01

*BT1 nickel compounds

*BT1 phosphides

NICKEL SELENIDES

INIS: 1991-09-16; ETDE: 1976-12-15

*BT1 nickel compounds

*BT1 selenides

NICKEL SILICATES

*BT1 nickel compounds

*BT1 silicates

NICKEL SILICIDES

INIS: 1976-01-27; ETDE: 1975-10-28

*BT1 nickel compounds

*BT1 silicides

nickel silver

1996-06-28

(Prior to July 1996 GERMAN SILVER was a valid ETDE descriptor.)

USE copper base alloys

USE nickel alloys

USE zinc alloys

NICKEL STEELS

1994-07-01

Steels containing Ni as the main alloying element.

(Until June 1994 this concept was indexed to NICKEL ALLOYS.)

UF nickel-chromium steels

UF steel-000kh20n20

UF steel-1-kh18n20t3p

UF steel-30n9k4

UF steel-37khn3t

UF steel-40kh2n5sm

UF steel-kh12n20t3p

UF steel-kh18n22v2t2

UF steel-khn35vt

UF steel-n26kht1

UF steel-vzh102

*BT1 nickel alloys

*BT1 steels

NT1 sweetalloy

RT chromium-nickel steels

NICKEL SULFATES

*BT1 nickel compounds

*BT1 sulfates

NICKEL SULFIDES

*BT1 nickel compounds

*BT1 sulfides

NICKEL TELLURIDES

INIS: 1984-07-23; ETDE: 1980-02-11

*BT1 nickel compounds

*BT1 tellurides

nickel-thorium oxide dispersions

INIS: 2000-04-12; ETDE: 1979-04-11

USE td-nickel

NICKEL TUNGSTATES

INIS: 2000-04-12; ETDE: 1976-06-07

*BT1 nickel compounds

*BT1 tungstates

NICKEL-ZINC BATTERIES

2000-04-12

*BT1 metal-metal oxide batteries

NICKELATES*Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.*

*BT1 nickel compounds

BT1 oxygen compounds

RT nickel oxides

NICKELINE ALLOY

2000-04-12

*BT1 copper base alloys

*BT1 nickel alloys

*BT1 zinc additions

NICOTIANA

UF tobacco plant

*BT1 magnoliopsida

RT tobacco

RT tobacco products

NICOTINAMIDE

UF pp-factor

UF vitamin pp

*BT1 amides

*BT1 pyridines

*BT1 vitamin b group

RT heterocyclic acids

RT nad

RT nadh2

RT nadp

RT nicotinic acid

nicotinamide-adenine dinucleotide

1995-02-16

USE nad

nicotinamide-adenine dinucleotide phosphate

INIS: 1995-02-16; ETDE: 1980-06-22

USE nadp

NICOTINE

*BT1 alkaloids

*BT1 parasympatholytics

*BT1 parasympathomimetics

*BT1 pyridines

*BT1 pyrrolidines

NICOTINIC ACID

1976-02-05

UF niacin

*BT1 heterocyclic acids

*BT1 monocarboxylic acids

*BT1 pyridines

*BT1 vitamin b group

RT nicotinamide

NICROBRAZ 50

2000-04-12

*BT1 chromium alloys

*BT1 nickel base alloys

*BT1 phosphides

NIEDERAICHBACH REACTOR

UF kernkraftwerk niederaichbach

UF kkn reactor

*BT1 carbon dioxide cooled reactors

*BT1 enriched uranium reactors

*BT1 hwgcr type reactors

*BT1 pressure tube reactors

*BT1 thermal reactors

niels bohr institute cyclotron

INIS: 1985-06-10; ETDE: 1985-07-19

USE nbi cyclotron

nif

INIS: 2000-04-12; ETDE: 1997-05-21

Facility for inertial confinement fusion.

USE us national ignition facility

niigella

USE ranunculaceae

NIGER

BT1 africa

BT1 developing countries

RT niger river

NIGER RIVER

INIS: 1976-07-06; ETDE: 1976-08-24

*BT1 rivers

RT benin

RT guinea

RT mali

RT niger

RT nigeria

NIGERIA

BT1 africa

BT1 developing countries

RT niger river

RT opec

nigeria miniature neutron source reactor

2004-11-30

USE nirr-1 reactor

NIGHT SKY

INIS: 1990-12-15; ETDE: 1981-09-08

(Prior to December 1990, this concept was indexed by NIGHTTIME plus other

descriptors from the wordblock EARTH ATMOSPHERE.)

UF nighttime (sky)

BT1 sky

RT airglow

RT aurorae

nightglow

USE airglow

nighttime (sky)

INIS: 1990-12-15; ETDE: 2002-04-16

USE night sky

NIHONIUM

2017-04-11

*Prior to March 2017 ELEMENT 113 was used for this element.*UF *eka-thallium*

UF element 113

UF ununtrium

*BT1 transactinide elements

NIHONIUM 278

2017-04-11

Prior to March 2017 ELEMENT 113 278 was used for this concept.

UF element 113 278

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 microseconds living radioisotopes

*BT1 nihonium isotopes

*BT1 odd-odd nuclei

NIHONIUM 283

2017-04-11

Prior to March 2017 ELEMENT 113 283 was used for this concept.

UF element 113 283

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 nihonium isotopes

*BT1 odd-even nuclei

NIHONIUM 284

2017-04-11

Prior to March 2017 ELEMENT 113 284 was used for this concept.

UF element 113 284

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 nihonium isotopes

*BT1 odd-even nuclei

NIHONIUM COMPOUNDS

2017-04-11

Prior to March 2017 ELEMENT 113 COMPOUNDS was used for this concept.

UF element 113 compounds

*BT1 transactinide compounds

NIHONIUM IONS

2018-01-24

*BT1 ions

NIHONIUM ISOTOPES

2017-04-11

Prior to March 2017 ELEMENT 113 ISOTOPES was used for this concept.

UF element 113 isotopes

BT1 isotopes

NT1 nihonium 278

NT1 nihonium 283

NT1 nihonium 284

nii (uk)

INIS: 1984-04-04; ETDE: 2002-04-16

Nuclear Installations Inspectorate.

USE uk nii

NIKHEF

INIS: 1977-07-05; ETDE: 1977-10-19

National Instituut voor Kernfysica en Hoge-energiefysica.

UF national instituut voor kernfysica en hogeenergiefysica

*BT1 netherlands organizations

NILE RIVER

*BT1 rivers

RT egyptian arab republic

RT sudan

nilsson model

USE nilsson-mottelson model

NILSSON-MOTTELSON MODEL

UF approximation (bohr)

UF bohr approximation

UF bohr-mottelson model

UF mottelson-nilsson model

UF nilsson model

UF nilsson potential

UF nilsson scheme

*BT1 nuclear models

nilsson potential

USE nilsson-mottelson model

nilsson scheme

USE nilsson-mottelson model

nim

USE nuclear instrument modules

NIMBUS SATELLITES

INIS: 1983-09-06; ETDE: 1980-03-04

BT1 satellites

NIMONIC

1996-07-16

For unspecified Nimonic alloys.

UF alloy-ni48cr22fe18mo9

UF nimonic pe13

*BT1 nickel base alloys

NT1 alloy-ni43fe33cr16mo3

NT2 nimonic pe16

NT1 alloy-ni50co20cr15al5mo5

NT2 nimonic 105

NT1 alloy-ni59cr20co17ti2

NT1 alloy-ni65cr25mo10

NT2 nimonic 86

NT1 alloy-ni76cr15fe8

NT2 inconel 600

NT1 alloy-ni76cr20ti2

NT2 nimonic 80a

NT1 nimonic 115

NT1 nimonic 115a

RT inconel alloys

NIMONIC 105

1993-10-03

*BT1 alloy-ni50co20cr15al5mo5

NIMONIC 115

2000-04-12

*BT1 aluminium alloys

*BT1 chromium alloys

*BT1 cobalt alloys

*BT1 molybdenum alloys

*BT1 nimonic

NIMONIC 115A

2000-04-12

*BT1 nimonic

NIMONIC 80A

1993-10-03

*BT1 alloy-ni76cr20ti2

NIMONIC 86

INIS: 1993-10-03; ETDE: 1982-02-23

*BT1 alloy-ni65cr25mo10

nimonic 90

INIS: 1997-01-28; ETDE: 1977-06-03

(Until October 1996 this was a valid descriptor.)

USE alloy-ni59cr20co17ti2

nimonic pe13

INIS: 1996-07-17; ETDE: 1979-10-23

(Until July 1996 this was a valid descriptor.)

USE nimonic

NIMONIC PE16

1993-10-03

*BT1 alloy-ni43fe33cr16mo3

NIMROD

UF harwell synchrotron

*BT1 synchrotrons

NINA

UF daresbury synchrotron

*BT1 synchrotrons

NINE MILE POINT-1 REACTOR

NMPNS - a subsidiary of Constellation

Energy Group, North Scriba, New York, USA.

UF scriba nuclear power plant

*BT1 bwr type reactors

NINE MILE POINT-2 REACTOR

NMPNS - a subsidiary of Constellation

Energy Group, North Scriba, New York, USA.

UF oswego nuclear power plant

*BT1 bwr type reactors

NINGDE-1 REACTOR

2015-05-19

Ningde, China

*BT1 pwr type reactors

NINGDE-2 REACTOR

2015-05-19

Ningde, China

*BT1 pwr type reactors

NINGDE-3 REACTOR

2015-05-19

Ningde, China

*BT1 pwr type reactors

NINGDE-4 REACTOR

2017-10-16

Ningde, China

*BT1 pwr type reactors

NINGYOITE

*BT1 phosphate minerals

*BT1 uranium minerals

RT uranium phosphates

ninhydrin

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE ketones

NIOBATES

Specific compounds should be indexed by

coordination of a descriptor of the form

(CATION) COMPOUNDS and the above

anion descriptor.

*BT1 niobium compounds

BT1 oxygen compounds

NIOBIUM

UF columbium

*BT1 refractory metals

*BT1 transition elements

NT1 niobium-alpha

NT1 niobium-beta

NIOBIUM 100

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 niobium isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

NIOBIUM 101

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 niobium isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

NIOBIUM 102

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 niobium isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

NIOBIUM 103

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 niobium isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

NIOBIUM 104

INIS: 1976-11-08; ETDE: 1976-09-15

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 niobium isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

NIOBIUM 105

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 niobium isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

NIOBIUM 106

INIS: 1981-08-18; ETDE: 1980-10-28

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 niobium isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

NIOBIUM 107

2007-04-19

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 niobium isotopes

*BT1 odd-even nuclei

NIOBIUM 108

1996-11-27

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 niobium isotopes

*BT1 odd-odd nuclei

NIOBIUM 109

2007-04-19

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 niobium isotopes

*BT1 odd-even nuclei

NIOBIUM 110

2007-04-19

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 niobium isotopes

*BT1 odd-odd nuclei

NIOBIUM 111

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei

NIOBIUM 112

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei

NIOBIUM 113

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei

NIOBIUM 81

2007-04-19

- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei

NIOBIUM 82

2007-04-19

- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei

NIOBIUM 83

1988-10-10

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 niobium isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

NIOBIUM 84

1977-11-02

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

NIOBIUM 85

INIS: 1997-02-07; ETDE: 1980-05-06

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

NIOBIUM 86

- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei

NIOBIUM 87

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei

NIOBIUM 88

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei

NIOBIUM 89

- *BT1 beta-plus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 niobium isotopes
- *BT1 odd-even nuclei

NIOBIUM 90

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

NIOBIUM 91

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei
- *BT1 years living radioisotopes

NIOBIUM 91 TARGET

INIS: 1992-09-23; ETDE: 1977-03-04
BT1 targets

NIOBIUM 92

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei
- *BT1 years living radioisotopes

NIOBIUM 92 TARGET

INIS: 1988-05-13; ETDE: 1983-03-23
BT1 targets

NIOBIUM 93

- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei
- *BT1 stable isotopes
- *BT1 years living radioisotopes
- RT niobium 93 reactions

NIOBIUM 93 REACTIONS

INIS: 1976-01-28; ETDE: 1976-03-12
*BT1 heavy ion reactions
RT niobium 93

NIOBIUM 93 TARGET

ETDE: 1976-07-09
BT1 targets

NIOBIUM 94

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei
- *BT1 years living radioisotopes

NIOBIUM 94 TARGET

INIS: 1976-10-07; ETDE: 1976-11-01
BT1 targets

NIOBIUM 95

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei

NIOBIUM 95 TARGET

INIS: 1979-11-02; ETDE: 1979-01-30
BT1 targets

NIOBIUM 96

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei

NIOBIUM 96 TARGET

INIS: 1976-10-07; ETDE: 1976-11-01
BT1 targets

NIOBIUM 97

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

NIOBIUM 98

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

NIOBIUM 99

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 niobium isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

NIOBIUM ADDITIONS

1996-11-13
Alloys containing not more than 1% Nb are listed here.

- *BT1 niobium alloys
- NT1 alloy-ni45fe34cr20
- NT1 alloy-ni46cr23co19ti5al4
- NT2 alloy-in-939
- NT1 alloy-ni61cr16co9al3ti3w3
- NT2 alloy-in-738
- NT1 alloy-ni73cr15fe7ti3
- NT2 inconel x750
- NT1 alloy-yundk 25ba
- NT1 steel-cr16ni13monbv
- NT1 steel-cr16ni15mo3nb
- NT1 steel-cr16ni16monb
- NT1 steel-cr17cu4ni4nb-l
- NT2 stainless steel-17-4ph
- NT1 steel-cr17ni12monb
- NT1 steel-cr18ni11nb
- NT2 stainless steel-347
- NT1 steel-cr18ni11nbco
- NT2 stainless steel-348
- NT1 steel-cr2moninb
- NT1 steel-cr9monbv

NIOBIUM ALLOYS

1996-11-13
Alloys containing more than 1% Nb.
UF alloy-fe48cr24ni24

UF alloy-in-519
UF in 519
 *BT1 transition element alloys
 NT1 alloy-in-102
 NT1 alloy-khn50mbvyu
 NT1 alloy-mn-21
 NT1 alloy-ni41fe40cr16nb3
 NT2 inconel 706
 NT1 alloy-ni53cr19fe19nb5mo3
 NT2 inconel 718
 NT1 alloy-ni61cr22mo9nb4fe3
 NT2 inconel 625
 NT1 alloy-ni73cr20mn3nb3
 NT2 inconel 82
 NT1 alloy-ni74cr13al6mo4
 NT2 inconel 713c
 NT1 alloy-ni75cr12al6mo5
 NT2 inconel 713lc
 NT1 alloy-s-590
 NT1 alloy-s-816
 NT1 alloy-u90nb7zr3
 NT1 alloy-v-36
 NT1 alloy-zr97nb3
 NT1 niobium additions
 NT2 alloy-ni45fe34cr20
 NT2 alloy-ni46cr23co19ti5al4
 NT3 alloy-in-939
 NT2 alloy-ni61cr16co9al3ti3w3
 NT3 alloy-in-738
 NT2 alloy-ni73cr15fe7ti3
 NT3 inconel x750
 NT2 alloy-yundk 25ba
 NT2 steel-cr16ni13monbv
 NT2 steel-cr16ni15mo3nb
 NT2 steel-cr16ni16monb
 NT2 steel-cr17cu4ni4nb-l
 NT3 stainless steel-17-4ph
 NT2 steel-cr17ni12monb
 NT2 steel-cr18ni11nb
 NT3 stainless steel-347
 NT2 steel-cr18ni11nbco
 NT3 stainless steel-348
 NT2 steel-cr2moninb
 NT2 steel-cr9monbv
 NT1 niobium base alloys
 NT2 alloy-c-103
 NT2 alloy-n-10m
 NT2 alloy-n-9m
 NT2 alloy-nt25a5
 NT1 rene 95
 NT1 steel-in-787

NIOBIUM-ALPHA

*BT1 niobium

NIOBIUM ARSENIDES

INIS: 1982-08-27; ETDE: 1982-05-24

*BT1 arsenides
 *BT1 niobium compounds

NIOBIUM BASE ALLOYS

1996-07-16

UF alloy-b-66
UF alloy-b-88
UF alloy-c-129y
UF alloy-cb-1
UF alloy-cb-752
UF alloy-d-43
UF alloy-dh-245
UF alloy-fs-85
UF alloy su31
UF alloy-vus-6
SF alloy-vn-3
 *BT1 niobium alloys
 NT1 alloy-c-103
 NT1 alloy-n-10m
 NT1 alloy-n-9m
 NT1 alloy-nt25a5

NIOBIUM-BETA

*BT1 niobium

NIOBIUM BORIDES

*BT1 borides
 *BT1 niobium compounds

NIOBIUM BROMIDES

*BT1 bromides
 *BT1 niobium compounds
 *BT1 niobium halides

NIOBIUM CARBIDES

*BT1 carbides
 *BT1 niobium compounds

NIOBIUM CHLORIDES

*BT1 chlorides
 *BT1 niobium compounds
 *BT1 niobium halides

NIOBIUM COMPLEXES

*BT1 transition element complexes

NIOBIUM COMPOUNDS

1997-06-17

BT1 refractory metal compounds
 BT1 transition element compounds
 NT1 niobates
 NT1 niobium arsenides
 NT1 niobium borides
 NT1 niobium bromides
 NT1 niobium carbides
 NT1 niobium chlorides
 NT1 niobium fluorides
 NT1 niobium halides
 NT2 niobium bromides
 NT2 niobium chlorides
 NT2 niobium fluorides
 NT2 niobium iodides
 NT1 niobium hydrides
 NT1 niobium hydroxides
 NT1 niobium iodides
 NT1 niobium nitrates
 NT1 niobium nitrides
 NT1 niobium oxides
 NT1 niobium phosphates
 NT1 niobium phosphides
 NT1 niobium selenides
 NT1 niobium silicates
 NT1 niobium silicides
 NT1 niobium sulfates
 NT1 niobium sulfides
 NT1 niobium tellurides

NIOBIUM FLUORIDES

*BT1 fluorides
 *BT1 niobium compounds
 *BT1 niobium halides

NIOBIUM HALIDES

2012-07-20

*BT1 halides
 *BT1 niobium compounds
 NT1 niobium bromides
 NT1 niobium chlorides
 NT1 niobium fluorides
 NT1 niobium iodides

NIOBIUM HYDRIDES

*BT1 hydrides
 *BT1 niobium compounds

NIOBIUM HYDROXIDES

*BT1 hydroxides
 *BT1 niobium compounds

NIOBIUM IODIDES

*BT1 iodides
 *BT1 niobium compounds
 *BT1 niobium halides

NIOBIUM IONS

*BT1 ions

NIOBIUM ISOTOPES

1999-07-16

BT1 isotopes
 NT1 niobium 100
 NT1 niobium 101
 NT1 niobium 102
 NT1 niobium 103
 NT1 niobium 104
 NT1 niobium 105
 NT1 niobium 106
 NT1 niobium 107
 NT1 niobium 108
 NT1 niobium 109
 NT1 niobium 110
 NT1 niobium 111
 NT1 niobium 112
 NT1 niobium 113
 NT1 niobium 81
 NT1 niobium 82
 NT1 niobium 83
 NT1 niobium 84
 NT1 niobium 85
 NT1 niobium 86
 NT1 niobium 87
 NT1 niobium 88
 NT1 niobium 89
 NT1 niobium 90
 NT1 niobium 91
 NT1 niobium 92
 NT1 niobium 93
 NT1 niobium 94
 NT1 niobium 95
 NT1 niobium 96
 NT1 niobium 97
 NT1 niobium 98
 NT1 niobium 99

NIOBIUM NITRATES

*BT1 niobium compounds
 *BT1 nitrates

NIOBIUM NITRIDES

*BT1 niobium compounds
 *BT1 nitrides

NIOBIUM ORES

BT1 ores

NIOBIUM OXIDES

1996-06-28

*BT1 niobium compounds
 *BT1 oxides
RT ellsworthite
RT lyndochite
RT marignacite
RT oxide minerals
RT tapiolite

NIOBIUM PHOSPHATES

*BT1 niobium compounds
 *BT1 phosphates

NIOBIUM PHOSPHIDES

INIS: 2000-04-12; ETDE: 1976-09-14

*BT1 niobium compounds
 *BT1 phosphides

NIOBIUM SELENIDES

*BT1 niobium compounds
 *BT1 selenides

NIOBIUM SILICATES

*BT1 niobium compounds
 *BT1 silicates
RT mesodialyte
RT silicate minerals

NIOBIUM SILICIDES

1976-01-27

- *BT1 niobium compounds
- *BT1 silicides

NIOBIUM SULFATES

- *BT1 niobium compounds
- *BT1 sulfates

NIOBIUM SULFIDES

- *BT1 niobium compounds
- *BT1 sulfides

NIOBIUM TELLURIDES

INIS: 1979-05-28; ETDE: 1975-11-11

- *BT1 niobium compounds
- *BT1 tellurides

niosh

INIS: 2000-04-12; ETDE: 1980-03-29

(Prior to January 1992 this was a valid ETDE descriptor.)

USE us niosh

niper

INIS: 2000-04-12; ETDE: 1984-05-08

(Prior to November 1991 this was a valid ETDE descriptor.)

USE us niper

nippostrongylus

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE hookworm

NIRR-1 REACTOR

2004-11-30

Centre for Energy Research and Training (CERT), Ahmadu Bello Univ., Energy Commission, Zaria, Nigeria.

UF nigerian miniature neutron source reactor

- *BT1 mnsr type reactors

NIRS CYCLOTRON

INIS: 1979-12-20; ETDE: 1980-01-24

Installed at the National Institute of Radiological Science in Japan.

UF national institute of radiological science cyclotron

- *BT1 isochronous cyclotrons

NISUS FACILITY

London, United Kingdom.

UF neutron international standard neutron source

UF neutron international standard uranium source

- *BT1 reactor neutron source facilities
- RT calibration standards
- RT fast neutrons
- RT measuring instruments

NITELLA

- *BT1 chlorophycota

nitinol

INIS: 2000-04-12; ETDE: 1976-08-25

Shape memory alloys of Ti and Ni. Use the descriptors below and SHAPE MEMORY EFFECT, if relevant.

(Prior to May 1996 this was a valid ETDE descriptor.)

USE nickel alloys
USE titanium alloys

NITINOL HEAT ENGINES

INIS: 2000-04-12; ETDE: 1975-11-11

Heat engines with the thermo-mechanical converter consisting of a solid-state system incorporating the shape memory intermetallic

nickel titanium compound called nitinol as their working fluid.

- *BT1 heat engines
- RT shape memory effect
- RT solar heat engines

NITRATES

1997-06-19

- BT1 nitrogen compounds
- BT1 oxygen compounds
- NT1 aluminium nitrates
- NT1 americium nitrates
- NT1 ammonium nitrates
- NT1 barium nitrates
- NT1 berkelium nitrates
- NT1 beryllium nitrates
- NT1 bismuth nitrates
- NT1 cadmium nitrates
- NT1 calcium nitrates
- NT1 californium nitrates
- NT1 cerium nitrates
- NT1 cesium nitrates
- NT1 chlorine nitrates
- NT1 chromium nitrates
- NT1 cobalt nitrates
- NT1 copper nitrates
- NT1 curium nitrates
- NT1 dysprosium nitrates
- NT1 einsteinium nitrates
- NT1 erbium nitrates
- NT1 europium nitrates
- NT1 gadolinium nitrates
- NT1 gallium nitrates
- NT1 hafnium nitrates
- NT1 holmium nitrates
- NT1 hydrogen nitrates
- NT1 indium nitrates
- NT1 iron nitrates
- NT1 lanthanum nitrates
- NT1 lead nitrates
- NT1 lithium nitrates
- NT1 lutetium nitrates
- NT1 magnesium nitrates
- NT1 manganese nitrates
- NT1 mercury nitrates
- NT1 molybdenum nitrates
- NT1 neodymium nitrates
- NT1 neptunium nitrates
- NT1 nickel nitrates
- NT1 niobium nitrates
- NT1 palladium nitrates
- NT1 peroxyacetyl nitrate
- NT1 petn
- NT1 plutonium nitrates
- NT1 polonium nitrates
- NT1 potassium nitrates
- NT1 praseodymium nitrates
- NT1 promethium nitrates
- NT1 protactinium nitrates
- NT1 radium nitrates
- NT1 rhodium nitrates
- NT1 rubidium nitrates
- NT1 ruthenium nitrates
- NT1 samarium nitrates
- NT1 scandium nitrates
- NT1 silver nitrates
- NT1 sodium nitrates
- NT1 strontium nitrates
- NT1 tellurium nitrates
- NT1 terbium nitrates
- NT1 thallium nitrates
- NT1 thorium nitrates
- NT1 thulium nitrates
- NT1 titanium nitrates
- NT1 uranium nitrates
- NT1 uranyl nitrates
- NT2 unh
- NT1 vanadium nitrates
- NT1 ytterbium nitrates

- NT1 yttrium nitrates
- NT1 zinc nitrates
- NT1 zirconium nitrates
- RT oxynitrates

NITRATION

INIS: 1978-07-03; ETDE: 1976-02-19

- BT1 chemical reactions
- RT nitro compounds
- RT nitrogen

NITRIC ACID

Prior to August 2012 the concept "hydrogen nitrates" was indexed here.

- *BT1 inorganic acids
- BT1 nitrogen compounds
- BT1 oxygen compounds
- RT aqua regia
- RT denitration
- RT hydrogen nitrates

NITRIC ACID ESTERS

- UF methyl nitrate
- *BT1 esters
- NT1 nitrocellulose
- NT1 nitroglycerin
- NT1 peroxyacetyl nitrate
- NT1 petn

NITRIC OXIDE

INIS: 1984-04-04; ETDE: 1976-01-07

NO.

- *BT1 nitrogen oxides

NITRIDATION

- BT1 chemical reactions
- RT nitrides

NITRIDES

1997-06-19

- BT1 nitrogen compounds
- BT1 pnictides
- NT1 aluminium nitrides
- NT1 americium nitrides
- NT1 argon nitrides
- NT1 barium nitrides
- NT1 berkelium nitrides
- NT1 beryllium nitrides
- NT1 boron nitrides
- NT1 calcium nitrides
- NT1 californium nitrides
- NT1 carbon nitrides
- NT1 cerium nitrides
- NT1 cesium nitrides
- NT1 chromium nitrides
- NT1 copper nitrides
- NT1 curium nitrides
- NT1 dysprosium nitrides
- NT1 erbium nitrides
- NT1 europium nitrides
- NT1 gadolinium nitrides
- NT1 gallium nitrides
- NT1 germanium nitrides
- NT1 hafnium nitrides
- NT1 holmium nitrides
- NT1 indium nitrides
- NT1 iridium nitrides
- NT1 iron nitrides
- NT1 lanthanum nitrides
- NT1 lead nitrides
- NT1 lithium nitrides
- NT1 magnesium nitrides
- NT1 manganese nitrides
- NT1 molybdenum nitrides
- NT1 neodymium nitrides
- NT1 neptunium nitrides
- NT1 nickel nitrides
- NT1 niobium nitrides
- NT1 osmium nitrides
- NT1 palladium nitrides
- NT1 phosphorus nitrides

NT1 platinum nitrides
NT1 plutonium nitrides
NT1 potassium nitrides
NT1 praseodymium nitrides
NT1 radium nitrides
NT1 rhenium nitrides
NT1 rhodium nitrides
NT1 ruthenium nitrides
NT1 samarium nitrides
NT1 scandium nitrides
NT1 silicon nitrides
NT1 silver nitrides
NT1 sodium nitrides
NT1 sulfur nitrides
NT1 tantalum nitrides
NT1 terbium nitrides
NT1 thorium nitrides
NT1 thulium nitrides
NT1 tin nitrides
NT1 titanium nitrides
NT1 tungsten nitrides
NT1 uranium nitrides
NT1 vanadium nitrides
NT1 ytterbium nitrides
NT1 yttrium nitrides
NT1 zinc nitrides
NT1 zirconium nitrides
RT carbonitrides
RT ceramics
RT nitridation

NITRIFICATION

INIS: 2000-05-04; ETDE: 1981-08-04

The oxidation by bacteria of ammonium salts to nitrites and the further oxidation to nitrates under proper conditions of temperature, moisture, and alkalinity.

BT1 chemical reactions
RT denitrification
RT nitrogen
RT nitrogen compounds
RT nitrogen cycle
RT nitrogen fixation

NITRILES

UF polyacrylonitrile
***BT1** organic nitrogen compounds
NT1 acetonitrile
NT1 acrylonitrile
NT1 propiolonitrile
NT1 ttf-tcnq
RT carboxylic acids
RT isonitriles

nitrioltriacetic acid

USE nta

NITRITES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 nitrogen compounds
BT1 oxygen compounds
RT nitrous acid

NITRO COMPOUNDS

1996-07-08

UF ndpp
***BT1** organic nitrogen compounds
NT1 dinitrophenol
NT1 dpqh
NT1 metronidazole
NT1 misonidazole
NT1 nitrobenzene
NT1 nitromethane
NT1 nitrophenol
NT1 picric acid
NT1 polycyclic nitro compounds
NT1 tetryl
NT1 tnt

RT nitration

NITRO-GROUP DEHYDROGENASES

INIS: 2000-03-29; ETDE: 1981-01-12

Code number 1.7.

(From 1974 till March 1997 URICASE was a valid ETDE descriptor. From June 1984 till March 1997 NITROREDUCTASES was a valid ETDE descriptor.)

UF nitroreductases
UF uricase
***BT1** oxidoreductases
NT1 nitrogenase

NITROBENZENE

***BT1** nitro compounds
RT benzene

NITROCELLULOSE

UF collodion
UF gun cotton
UF pyroxylin
***BT1** cellulose esters
***BT1** chemical explosives
***BT1** nitric acid esters
***BT1** polysaccharides
RT celluloid

NITROGEN

UF nitrogen nitrides
UF tioga nitrogen removal process
***BT1** nonmetals
RT cryogenic fluids
RT denitrification
RT inert atmosphere
RT kjeldahl method
RT nitration
RT nitrification
RT nitrogen fixation

NITROGEN 10

2007-11-22

***BT1** light nuclei
***BT1** nitrogen isotopes
***BT1** odd-odd nuclei
***BT1** proton decay radioisotopes

NITROGEN 11

***BT1** light nuclei
***BT1** nitrogen isotopes
***BT1** odd-even nuclei

NITROGEN 12

***BT1** beta-plus decay radioisotopes
***BT1** light nuclei
***BT1** milliseconds living radioisotopes
***BT1** nitrogen isotopes
***BT1** odd-odd nuclei

NITROGEN 12 TARGET

ETDE: 1976-07-09

BT1 targets

NITROGEN 13

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** light nuclei
***BT1** minutes living radioisotopes
***BT1** nitrogen isotopes
***BT1** odd-even nuclei

NITROGEN 13 BEAMS

INIS: 1984-01-18; ETDE: 1988-12-05

***BT1** radioactive ion beams

NITROGEN 13 REACTIONS

1992-02-18

***BT1** heavy ion reactions

NITROGEN 13 TARGET

ETDE: 1976-07-09

BT1 targets

NITROGEN 14

***BT1** light nuclei
***BT1** nitrogen isotopes
***BT1** odd-odd nuclei
***BT1** stable isotopes
RT nitrogen 14 beams
RT nitrogen 14 reactions

NITROGEN 14 BEAMS

***BT1** ion beams
RT nitrogen 14

NITROGEN 14 REACTIONS

***BT1** heavy ion reactions
RT nitrogen 14

NITROGEN 14 TARGET

ETDE: 1976-07-09

BT1 targets

NITROGEN 15

***BT1** light nuclei
***BT1** nitrogen isotopes
***BT1** odd-even nuclei
***BT1** stable isotopes
RT nitrogen 15 reactions

NITROGEN 15 BEAMS

1980-05-14

***BT1** ion beams

NITROGEN 15 REACTIONS

***BT1** heavy ion reactions
RT nitrogen 15

NITROGEN 15 TARGET

ETDE: 1976-07-09

BT1 targets

NITROGEN 16

***BT1** beta-minus decay radioisotopes
***BT1** light nuclei
***BT1** nitrogen isotopes
***BT1** odd-odd nuclei
***BT1** seconds living radioisotopes

NITROGEN 16 TARGET

INIS: 1977-09-15; ETDE: 1977-11-10

BT1 targets

NITROGEN 17

***BT1** beta-minus decay radioisotopes
***BT1** light nuclei
***BT1** nitrogen isotopes
***BT1** odd-even nuclei
***BT1** seconds living radioisotopes

NITROGEN 18

***BT1** beta-minus decay radioisotopes
***BT1** light nuclei
***BT1** milliseconds living radioisotopes
***BT1** nitrogen isotopes
***BT1** odd-odd nuclei

NITROGEN 19

***BT1** beta-minus decay radioisotopes
***BT1** light nuclei
***BT1** milliseconds living radioisotopes
***BT1** nitrogen isotopes
***BT1** odd-even nuclei

NITROGEN 20

1985-06-07

***BT1** beta-minus decay radioisotopes
***BT1** light nuclei
***BT1** nitrogen isotopes
***BT1** odd-odd nuclei

NITROGEN 21

INIS: 1986-04-02; ETDE: 1988-12-05

***BT1** light nuclei
***BT1** nitrogen isotopes
***BT1** odd-even nuclei

NITROGEN 22

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 nitrogen isotopes
- *BT1 odd-odd nuclei

NITROGEN 23

1985-10-22

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 nitrogen isotopes
- *BT1 odd-even nuclei

NITROGEN 24

2007-11-22

- *BT1 light nuclei
- *BT1 nitrogen isotopes
- *BT1 odd-odd nuclei

NITROGEN 25

2007-11-22

- *BT1 light nuclei
- *BT1 nitrogen isotopes
- *BT1 odd-even nuclei

NITROGEN ADDITIONS

1996-11-13

- BT1 alloys
- NT1 steel-cr21mn9ni6
- NT2 stainless steel-21-6-9
- NT1 steel-nicrmo

NITROGEN BROMIDES

INIS: 2000-04-12; ETDE: 1980-12-08

- *BT1 bromides
- *BT1 nitrogen halides

NITROGEN CARBIDES

- *BT1 carbides
- BT1 nitrogen compounds

NITROGEN CHLORIDES

- *BT1 chlorides
- *BT1 nitrogen halides

NITROGEN COMPLEXES

- BT1 complexes

NITROGEN COMPOUNDS

1997-06-17

- NT1 azides
- NT1 carbonitrides
- NT1 cyanates
- NT1 hydrazine
- NT1 isocyanates
- NT1 isothiocyanates
- NT1 nitrates
 - NT2 aluminium nitrates
 - NT2 americium nitrates
 - NT2 ammonium nitrates
 - NT2 barium nitrates
 - NT2 berkelium nitrates
 - NT2 beryllium nitrates
 - NT2 bismuth nitrates
 - NT2 cadmium nitrates
 - NT2 calcium nitrates
 - NT2 californium nitrates
 - NT2 cerium nitrates
 - NT2 cesium nitrates
 - NT2 chlorine nitrates
 - NT2 chromium nitrates
 - NT2 cobalt nitrates
 - NT2 copper nitrates
 - NT2 curium nitrates
 - NT2 dysprosium nitrates
 - NT2 einsteinium nitrates
 - NT2 erbium nitrates
 - NT2 europium nitrates
 - NT2 gadolinium nitrates
 - NT2 gallium nitrates
 - NT2 hafnium nitrates
 - NT2 holmium nitrates

- NT2 hydrogen nitrates
- NT2 indium nitrates
- NT2 iron nitrates
- NT2 lanthanum nitrates
- NT2 lead nitrates
- NT2 lithium nitrates
- NT2 lutetium nitrates
- NT2 magnesium nitrates
- NT2 manganese nitrates
- NT2 mercury nitrates
- NT2 molybdenum nitrates
- NT2 neodymium nitrates
- NT2 neptunium nitrates
- NT2 nickel nitrates
- NT2 niobium nitrates
- NT2 palladium nitrates
- NT2 peroxyacetyl nitrate
- NT2 petn
- NT2 plutonium nitrates
- NT2 polonium nitrates
- NT2 potassium nitrates
- NT2 praseodymium nitrates
- NT2 promethium nitrates
- NT2 protactinium nitrates
- NT2 radium nitrates
- NT2 rhodium nitrates
- NT2 rubidium nitrates
- NT2 ruthenium nitrates
- NT2 samarium nitrates
- NT2 scandium nitrates
- NT2 silver nitrates
- NT2 sodium nitrates
- NT2 strontium nitrates
- NT2 tellurium nitrates
- NT2 terbium nitrates
- NT2 thallium nitrates
- NT2 thorium nitrates
- NT2 thulium nitrates
- NT2 titanium nitrates
- NT2 uranium nitrates
- NT2 uranyl nitrates
 - NT3 unh
- NT2 vanadium nitrates
- NT2 ytterbium nitrates
- NT2 yttrium nitrates
- NT2 zinc nitrates
- NT2 zirconium nitrates
- NT1 nitric acid
- NT1 nitrides
 - NT2 aluminium nitrides
 - NT2 americium nitrides
 - NT2 argon nitrides
 - NT2 barium nitrides
 - NT2 berkelium nitrides
 - NT2 beryllium nitrides
 - NT2 boron nitrides
 - NT2 calcium nitrides
 - NT2 californium nitrides
 - NT2 carbon nitrides
 - NT2 cerium nitrides
 - NT2 cesium nitrides
 - NT2 chromium nitrides
 - NT2 copper nitrides
 - NT2 curium nitrides
 - NT2 dysprosium nitrides
 - NT2 erbium nitrides
 - NT2 europium nitrides
 - NT2 gadolinium nitrides
 - NT2 gallium nitrides
 - NT2 germanium nitrides
 - NT2 hafnium nitrides
 - NT2 holmium nitrides
 - NT2 indium nitrides
 - NT2 iridium nitrides
 - NT2 iron nitrides
 - NT2 lanthanum nitrides
 - NT2 lead nitrides
 - NT2 lithium nitrides
 - NT2 magnesium nitrides

- NT2 manganese nitrides
- NT2 molybdenum nitrides
- NT2 neodymium nitrides
- NT2 neptunium nitrides
- NT2 nickel nitrides
- NT2 niobium nitrides
- NT2 osmium nitrides
- NT2 palladium nitrides
- NT2 phosphorus nitrides
- NT2 platinum nitrides
- NT2 plutonium nitrides
- NT2 potassium nitrides
- NT2 praseodymium nitrides
- NT2 radium nitrides
- NT2 rhenium nitrides
- NT2 rhodium nitrides
- NT2 ruthenium nitrides
- NT2 samarium nitrides
- NT2 scandium nitrides
- NT2 silicon nitrides
- NT2 silver nitrides
- NT2 sodium nitrides
- NT2 sulfur nitrides
- NT2 tantalum nitrides
- NT2 terbium nitrides
- NT2 thorium nitrides
- NT2 thulium nitrides
- NT2 tin nitrides
- NT2 titanium nitrides
- NT2 tungsten nitrides
- NT2 uranium nitrides
- NT2 vanadium nitrides
- NT2 ytterbium nitrides
- NT2 yttrium nitrides
- NT2 zinc nitrides
- NT2 zirconium nitrides

- NT1 nitrites
- NT1 nitrogen carbides
- NT1 nitrogen halides
 - NT2 nitrogen bromides
 - NT2 nitrogen chlorides
 - NT2 nitrogen fluorides
 - NT2 nitrogen iodides
- NT1 nitrogen hydrides
 - NT2 ammonia
- NT1 nitrogen oxides
 - NT2 nitric oxide
 - NT2 nitrogen dioxide
 - NT2 nitrous oxide
- NT1 nitrous acid
- NT1 oxynitrates
- RT denitrification
- RT nitrification
- RT organic nitrogen compounds

NITROGEN COOLED REACTORS

- *BT1 gas cooled reactors
- NT1 htlr reactor
- NT1 ml-1 reactor
- NT1 zenith reactor

NITROGEN CYCLE

- RT ecological concentration
- RT ecosystems
- RT fertilizers
- RT metabolism
- RT mineral cycling
- RT nitrification
- RT nitrogen fixation

NITROGEN DIOXIDEINIS: 1977-09-06; ETDE: 1976-01-07
NO2.

- *BT1 nitrogen oxides

NITROGEN FIXATION

1997-06-17

- UF fixation (nitrogen)
- RT air
- RT bacteria

RT frankia
 RT metabolism
 RT nitrification
 RT nitrogen
 RT nitrogen cycle
 RT nitrogenase
 RT plant growth
 RT rhizobium
 RT soils

NITROGEN FLUORIDES

*BT1 fluorides
 *BT1 nitrogen halides

NITROGEN HALIDES

2012-07-20

*BT1 halides
 BT1 nitrogen compounds
 NT1 nitrogen bromides
 NT1 nitrogen chlorides
 NT1 nitrogen fluorides
 NT1 nitrogen iodides

NITROGEN HYDRIDES

*BT1 hydrides
 BT1 ammonium compounds
 NT1 ammonia

NITROGEN IODIDES

2000-04-12

*BT1 iodides
 *BT1 nitrogen halides

NITROGEN IONS

*BT1 ions

NITROGEN ISOTOPES

1999-07-16

BT1 isotopes
 NT1 nitrogen 10
 NT1 nitrogen 11
 NT1 nitrogen 12
 NT1 nitrogen 13
 NT1 nitrogen 14
 NT1 nitrogen 15
 NT1 nitrogen 16
 NT1 nitrogen 17
 NT1 nitrogen 18
 NT1 nitrogen 19
 NT1 nitrogen 20
 NT1 nitrogen 21
 NT1 nitrogen 22
 NT1 nitrogen 23
 NT1 nitrogen 24
 NT1 nitrogen 25

NITROGEN MUSTARD

UF bis(chloroethyl)amine
 UF dichlorodiethylamine
 UF mustard (nitrogen)
 BT1 alkylating agents
 *BT1 amines
 *BT1 organic chlorine compounds
 RT mutagens

nitrogen nitrides

USE nitrogen

NITROGEN OXIDES

BT1 nitrogen compounds
 *BT1 oxides
 NT1 nitric oxide
 NT1 nitrogen dioxide
 NT1 nitrous oxide
 RT greenhouse gases
 RT selective catalytic reduction

nitrogen sulfides

USE sulfur nitrides

NITROGEN TRANSFERASES

INIS: 1986-12-03; ETDE: 1981-01-30
 Code number 2.6.
 *BT1 transferases
 NT1 aminotransferases

NITROGENASE

INIS: 1983-10-14; ETDE: 1981-01-12
 UF nitrogenases
 *BT1 nitro-group dehydrogenases
 RT nitrogen fixation

nitrogenases

INIS: 2000-04-12; ETDE: 1978-12-11
 (Prior to January 1981, this was a valid ETDE descriptor.)
 USE nitrogenase

NITROGLYCERIN

2000-04-12
 *BT1 chemical explosives
 *BT1 nitric acid esters
 RT glycerol

NITROMETHANE

INIS: 1980-12-01; ETDE: 1976-09-14
 *BT1 chemical explosives
 *BT1 nitro compounds
 RT methane

nitronic 40

INIS: 1980-09-11; ETDE: 1979-12-10
 USE stainless steel-21-6-9

NITROPHENOL

*BT1 nitro compounds
 *BT1 phenols
 RT dinitrophenol

nitroreductases

INIS: 2000-04-12; ETDE: 1984-06-29
 A group of enzymes involved in the reduction of nitrate compounds.
 (Prior to March 1997 this was a valid ETDE descriptor.)
 USE nitro-group dehydrogenases

NITROSAMINES

INIS: 2000-04-12; ETDE: 1982-01-21
 *BT1 amines
 *BT1 nitroso compounds
 RT carcinogens
 RT mutagens

NITROSO COMPOUNDS

UF dinitrosoresorcinol
 *BT1 organic nitrogen compounds
 NT1 1-nitroso-2-naphthol
 NT1 methyl nitrosoarea
 NT1 nitrosamines
 NT1 nitroso-r salt
 NT1 nitrosoareas

NITROSO-R SALT

*BT1 naphthols
 *BT1 nitroso compounds
 *BT1 sulfonic acids

NITROSOUREAS

INIS: 1985-01-17; ETDE: 1984-06-29
 *BT1 nitroso compounds
 RT urea

NITROUS ACID

*BT1 inorganic acids
 BT1 nitrogen compounds
 BT1 oxygen compounds
 RT nitrites

NITROUS ACID ESTERS

INIS: 2000-04-12; ETDE: 1976-12-16
 *BT1 esters

NITROUS OXIDE

INIS: 1984-04-04; ETDE: 1976-01-07
 N₂O.
 *BT1 nitrogen oxides
 RT anesthetics

NITROXYL RADICALS

INIS: 1981-08-06; ETDE: 1981-09-22
 BT1 radicals

nk cells

INIS: 1992-01-28; ETDE: 2002-04-16
 USE natural killer cells

nmp(net material product)

INIS: 2000-04-12; ETDE: 1979-11-07
 SEE gross domestic product
 SEE gross national product

nmr

USE nuclear magnetic resonance

NMR IMAGING

INIS: 1986-05-23; ETDE: 1986-11-18
 BT1 diagnostic techniques
 RT nuclear magnetic resonance
 RT polymer gel dosimeters

nmr logging

INIS: 1978-04-21; ETDE: 1976-06-07
 USE nuclear magnetic logging

NMR SPECTRA

INIS: 1978-04-21; ETDE: 1978-07-06
 Nuclear Magnetic Resonance spectra.
 UF nuclear magnetic resonance spectra
 UF pmr spectra
 UF proton magnetic resonance spectra
 BT1 spectra
 RT nuclear magnetic resonance

NMR SPECTROMETERS

*BT1 spectrometers

NN-2170 DIBARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 *BT1 dibaryons

NN-2250 DIBARYONS

INIS: 1987-12-21; ETDE: 1988-03-16
 *BT1 dibaryons

no. 2 fuel oil

INIS: 2000-04-12; ETDE: 1976-03-11
 USE heating oils

NOBELIUM

*BT1 actinides
 *BT1 transplutonium elements

NOBELIUM 248

2007-04-19

*BT1 actinide nuclei
 *BT1 even-even nuclei
 *BT1 nobelium isotopes

NOBELIUM 250

INIS: 1976-03-25; ETDE: 1975-11-26
 *BT1 actinide nuclei
 *BT1 even-even nuclei
 *BT1 microseconds living radioisotopes
 *BT1 nobelium isotopes
 *BT1 spontaneous fission radioisotopes

NOBELIUM 251

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 nobelium isotopes

NOBELIUM 252

*BT1 actinide nuclei

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 nobelium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

NOBELIUM 253

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 nobelium isotopes

NOBELIUM 254

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 nobelium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

NOBELIUM 255

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 nobelium isotopes

NOBELIUM 256

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 nobelium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

NOBELIUM 257

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 nobelium isotopes
- *BT1 seconds living radioisotopes

NOBELIUM 258

- *BT1 actinide nuclei
- *BT1 even-even nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 nobelium isotopes
- *BT1 spontaneous fission radioisotopes

NOBELIUM 259

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 nobelium isotopes

NOBELIUM 260

INIS: 1978-08-14; ETDE: 1978-10-19

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 nobelium isotopes

NOBELIUM 261

INIS: 1987-02-25; ETDE: 1987-05-01

- *BT1 actinide nuclei
- *BT1 even-odd nuclei
- *BT1 nobelium isotopes

NOBELIUM 262

INIS: 1987-02-25; ETDE: 1987-05-01

- *BT1 actinide nuclei
- *BT1 even-even nuclei
- *BT1 nobelium isotopes

NOBELIUM 263

2007-04-19

- *BT1 actinide nuclei
- *BT1 even-odd nuclei
- *BT1 nobelium isotopes

NOBELIUM 264

INIS: 1993-03-10; ETDE: 1993-04-16

- *BT1 actinide nuclei
- *BT1 even-even nuclei
- *BT1 nobelium isotopes

NOBELIUM COMPLEXES

- *BT1 actinide complexes
- *BT1 transuranium complexes

NOBELIUM COMPOUNDS

1996-07-18

- BT1 actinide compounds
- *BT1 transplutonium compounds
- NT1 nobelium oxides

NOBELIUM IONS

2018-01-24

- *BT1 ions

NOBELIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 nobelium 248
- NT1 nobelium 250
- NT1 nobelium 251
- NT1 nobelium 252
- NT1 nobelium 253
- NT1 nobelium 254
- NT1 nobelium 255
- NT1 nobelium 256
- NT1 nobelium 257
- NT1 nobelium 258
- NT1 nobelium 259
- NT1 nobelium 260
- NT1 nobelium 261
- NT1 nobelium 262
- NT1 nobelium 263
- NT1 nobelium 264

NOBELIUM OXIDES

1996-07-18

(From July 1996 to November 2007

NOBELIUM COMPOUNDS + OXIDES was used for this concept.)

- *BT1 nobelium compounds
- *BT1 oxides

noble gases

- USE rare gases

NOCARDIA

- *BT1 bacteria
- RT actinomycetes

NOCTILUCENT CLOUDS

2000-04-12

- BT1 clouds
- RT airglow
- RT luminescence

NOCTURNAL VARIATIONS

INIS: 2000-04-12; ETDE: 1980-07-09

- BT1 variations
- RT daily variations

NODAL EXPANSION METHOD

INIS: 1989-09-15; ETDE: 1989-10-16

- BT1 calculation methods
- RT finite difference method
- RT finite element method
- RT mathematics
- RT mesh generation

NODULAR CORROSION

INIS: 1992-06-17; ETDE: 1992-07-02

- *BT1 corrosion

NOGENT-1 REACTOR

2010-08-17

Electricite de France, Nogent-sur-Seine, Aube, France

(Prior to August 2010 NOGENT SUR SEINE-1 REACTOR was used for this reactor.)

- UF *nogent sur seine-1 reactor*
- *BT1 pwr type reactors

NOGENT-2 REACTOR

2010-08-17

Electricite de France, Nogent-sur-Seine, Aube, France

(Prior to August 2010 NOGENT SUR SEINE-2 REACTOR was used for this reactor.)

- UF *nogent sur seine-2 reactor*
- *BT1 pwr type reactors

nogent sur seine-1 reactor

INIS: 1984-07-23; ETDE: 1984-09-05

(Prior to August 2010 this was a valid descriptor.)

- USE *nogent-1 reactor*

nogent sur seine-2 reactor

INIS: 1984-07-23; ETDE: 1984-09-05

(Prior to August 2010 this was a valid descriptor.)

- USE *nogent-2 reactor*

NOGIZAWALITE

2000-04-12

- *BT1 oxide minerals
- RT zirconium oxides

NOISE

- NT1 background noise
- NT1 radio noise
 - NT2 atmospherics
 - NT2 whistlers
- NT1 seismic noise
- NT1 temperature noise
 - RT fluctuations
 - RT noise pollution
 - RT noise pollution abatement
 - RT noise pollution control
 - RT signal-to-noise ratio
 - RT steam mufflers

noise (reactor)

- USE *reactor noise*

NOISE DOSEMETERS

INIS: 1992-05-05; ETDE: 1983-08-25

- BT1 measuring instruments
- RT acoustic measurements
- RT noise pollution

NOISE POLLUTION

INIS: 1992-05-05; ETDE: 1977-03-04

Objectionable or harmful levels of noise.

- BT1 pollution
 - RT noise
 - RT noise dosimeters
 - RT noise pollution abatement
 - RT noise pollution control

NOISE POLLUTION ABATEMENT

INIS: 1992-05-05; ETDE: 1977-03-04

Reduction of noise at its source.

- BT1 pollution abatement
 - RT noise
 - RT noise pollution
 - RT noise pollution control

NOISE POLLUTION CONTROL

INIS: 1992-05-05; ETDE: 1977-03-04

Reduction of noise after it has been produced by a source.

- *BT1 pollution control
 - RT noise
 - RT noise pollution

RT noise pollution abatement
RT pollution control equipment

NOISE THERMOMETERS

1978-11-24

Operation based on the Nyquist theorem of thermal noise.

*BT1 in core instruments
*BT1 thermometers
RT temperature measurement

nok-1 reactor

Nordost Schweizerische Kraftwerke AG-1 reactor.

USE beznau-1 reactor

nok-2 reactor

Nordost Schweizerische Kraftwerke AG-2 reactor.

USE beznau-2 reactor

NOLEN-SCHIFFER ANOMALY

RT coulomb energy
RT isobaric analogs

NOMOGRAMS

*BT1 diagrams

non-aqueous solvents

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonaqueous solvents

non-canonical dimension

USE anomalous dimension

non-central forces

INIS: 1984-07-20; ETDE: 2002-04-16
USE noncentral forces

non-destructive analysis

INIS: 1984-07-20; ETDE: 2002-04-16
USE nondestructive analysis

non-destructive testing

INIS: 1984-07-20; ETDE: 2002-04-16
USE nondestructive testing

NON-DISJUNCTION

UF nondisjunction
RT aneuploidy
RT cell division
RT genome mutations

non-dispersive ion waves

USE ion acoustic waves

NON-EQUILIBRIUM PLASMA

UF nonequilibrium plasma
BT1 plasma
RT bifurcation
RT equilibrium plasma
RT limit cycle
RT tail electrons
RT tail ions

NON-INDUCTIVE CURRENT DRIVE

INIS: 1987-06-29; ETDE: 1987-07-09
Generation of a plasma current by a non-inductive technique.

NT1 ecr current drive
NT1 lower hybrid current drive
RT bootstrap current
RT current-drive heating
RT electric currents
RT plasma

non lagrangian quantum field theory

1977-11-21
USE axiomatic field theory

non-leptonic decay

INIS: 1984-07-20; ETDE: 2002-04-16
USE weak hadronic decay

non-linear field theory

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonlinear problems
USE quantum field theory

non-linear optics

INIS: 1986-03-04; ETDE: 2002-04-16
USE nonlinear optics

non-linear plasma instabilities

INIS: 1993-11-09; ETDE: 2002-04-16
USE parametric instabilities

non-linear problems

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonlinear problems

non-linear programming

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonlinear programming

non-linear systems

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonlinear problems

non-local potential

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonlocal potential

non-local quantum field theory

INIS: 1984-07-20; ETDE: 2002-04-16
USE yukawa nonlocal theory

non-measurable variables

INIS: 1984-07-20; ETDE: 2002-04-16
USE hidden variables

non-metals

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonmetals

NON-PEPTIDE C-N HYDROLASES

INIS: 1986-12-03; ETDE: 1981-01-12
Code number 3.5.
*BT1 hydrolases
NT1 amidases
NT2 arginase
NT2 urease
NT1 amidinases

non-proliferation

INIS: 1978-02-23; ETDE: 2002-04-16
USE proliferation

NON-PROLIFERATION POLICY

INIS: 1998-06-10; ETDE: 1979-09-06
RT arms control
RT ctbt
RT ctbto
RT government policies
RT non-proliferation treaty
RT nuclear fuels
RT nuclear materials diversion
RT nuclear weapons
RT nuclear weapons dismantlement
RT proliferation

NON-PROLIFERATION TREATY

UF nonproliferation treaty
BT1 treaties
RT arms control
RT dual-use technologies
RT non-proliferation policy
RT nuclear materials possession
RT proliferation
RT safeguards

non-radioactive waste disposal

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonradioactive waste disposal

non-radioactive wastes

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonradioactive wastes

non-uniform irradiation

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonuniform irradiation

non-unitary representations

INIS: 1984-07-20; ETDE: 2002-04-16
USE nonunitary representations

NONANOIC ACID

UF nonylic acid
UF pelargonic acid
*BT1 monocarboxylic acids

NONAQUEOUS SOLVENTS

See also ORGANIC SOLVENTS.

UF non-aqueous solvents
BT1 solvents
NT1 organic solvents
NT2 cellosolves
NT2 solvesso
NT2 turpentine
RT solvation

nonaxial nuclei

USE deformed nuclei

nonbranded independent marketers

INIS: 2000-04-12; ETDE: 1979-09-28
USE marketers

noncanonical dimension

INIS: 1984-07-20; ETDE: 2002-04-16
USE anomalous dimension

NONCENTRAL FORCES

UF non-central forces
RT potentials
RT tensor mesons

NONDESTRUCTIVE ANALYSIS

UF non-destructive analysis
UF nondestructive chemical analysis
BT1 chemical analysis
NT1 activation analysis
NT2 charged-particle activation analysis
NT2 neutron activation analysis
NT2 photon activation analysis
NT1 delayed neutron analysis
NT1 deuteron microprobe analysis
NT1 electron microprobe analysis
NT1 ion microprobe analysis
NT1 ion scattering analysis
NT1 nuclear reaction analysis
NT2 delayed neutron analysis
NT1 proton microprobe analysis
NT1 radiation absorption analysis
NT1 radiation scattering analysis
NT1 x-ray emission analysis
NT2 pixe analysis
NT2 x-ray fluorescence analysis

nondestructive chemical analysis

INIS: 1993-11-09; ETDE: 2002-04-16
USE nondestructive analysis

NONDESTRUCTIVE TESTING

UF non-destructive testing
*BT1 materials testing
NT1 acoustic testing
NT2 acoustic emission testing
NT2 ultrasonic testing
NT1 electrical testing
NT1 electromagnetic testing
NT2 eddy current testing
NT1 industrial radiography
NT2 beta radiography
NT2 gamma radiography
NT3 gamma fuel scanning

NT2 neutron radiography
NT2 proton radiography
NT2 x-ray radiography
NT1 liquid penetrant inspection
NT1 magnetic testing
NT1 radiation attenuation testing
NT1 thermal testing
NT2 frost tests
RT autoradiography
RT fuel scanning
RT in-service inspection
RT inspection
RT quality control
RT radiometric gages

nondisjunction

INIS: 1984-07-20; ETDE: 2002-04-16
 USE non-disjunction

nondispersive ion waves

INIS: 1984-07-20; ETDE: 2002-04-16
 USE ion acoustic waves

nonequilibrium plasma

INIS: 1984-07-20; ETDE: 2002-04-16
 USE non-equilibrium plasma

nonleptonic decay

INIS: 1978-02-23; ETDE: 1978-05-01
 USE weak hadronic decay

nonlinear field theory

INIS: 1977-11-21; ETDE: 2002-04-16
 USE nonlinear problems
 USE quantum field theory

NONLINEAR OPTICS

INIS: 1986-03-04; ETDE: 1981-03-17
Study of the interaction of radiation with matter in which certain variables describing the response of the matter are not proportional to variables describing the radiation.
UF non-linear optics
BT1 optics
RT frequency mixing
RT harmonic generation
RT nonlinear problems

nonlinear plasma instabilities

USE parametric instabilities

NONLINEAR PROBLEMS

UF non-linear field theory
UF non-linear problems
UF non-linear systems
UF nonlinear field theory
UF nonlinear systems
RT baecklund transformation
RT frequency mixing
RT harmonic generation
RT harmonics
RT limit cycle
RT mathematics
RT nonlinear optics
RT plasma disruption
RT plasma instability
RT quasilinear problems
RT reactor stability

NONLINEAR PROGRAMMING

UF non-linear programming
BT1 calculation methods
RT dynamic programming
RT econometrics
RT linear programming
RT mathematical models
RT optimization

nonlinear systems

USE nonlinear problems

NONLOCAL POTENTIAL

UF non-local potential
BT1 potentials
RT locality
RT nuclear potential
RT perey-buck model

nonlocal quantum field theory

INIS: 1977-11-21; ETDE: 2002-04-16
 USE yukawa nonlocal theory

NONLUMINOUS MATTER

INIS: 1985-01-17; ETDE: 1985-03-12
Unseen mass in the Universe assumed from discrepancies in cosmological model values and observation.

UF dark matter
UF unobserved matter
UF unseen matter
BT1 matter
RT galaxies
RT general relativity theory
RT intergalactic space
RT universe
RT wimps

nonmeasurable variables

1985-11-18
(Prior to December 1985 this was a valid descriptor.)
 USE hidden variables

NONMETALS

UF non-metals
BT1 elements
NT1 carbon
NT2 activated carbon
NT2 carbon black
NT2 carbon nanotubes
NT2 carbynes
NT2 diamonds
NT2 fullerenes
NT2 graphene
NT2 graphite
NT2 pyrolytic carbon
NT1 halogens
NT2 astatine
NT2 bromine
NT2 chlorine
NT2 fluorine
NT2 iodine
NT1 hydrogen
NT1 nitrogen
NT1 oxygen
NT1 phosphorus
NT1 rare gases
NT2 argon
NT2 helium
NT2 krypton
NT2 neon
NT2 radon
NT2 xenon
NT1 sulfur
RT semimetals

nonproliferation

INIS: 1984-07-20; ETDE: 2002-04-16
 USE proliferation

nonproliferation treaty

INIS: 1984-07-20; ETDE: 2002-04-16
 USE non-proliferation treaty

NONRADIOACTIVE WASTE

DISPOSAL

ETDE: 1991-01-15
(Prior to April 1977 this was a valid term.)
UF non-radioactive waste disposal
***BT1** nonradioactive waste management
***BT1** waste disposal

RT chemical effluents
RT waste disposal acts

NONRADIOACTIVE WASTE MANAGEMENT

INIS: 1990-12-07; ETDE: 1991-01-15
***BT1** waste management
NT1 nonradioactive waste disposal
RT nonradioactive wastes

NONRADIOACTIVE WASTES

ETDE: 1991-01-15
(Prior to April 1977 this was a valid term.)
UF non-radioactive wastes
BT1 wastes
NT1 chemical wastes
NT2 chemical effluents
RT hazardous materials
RT nonradioactive waste management

NONSPECIFIC PEPTIDASES

INIS: 1990-12-07; ETDE: 1981-01-12
(Prior to December 1990, this concept was indexed by NONSPECIFIC PROTEINASES.)
UF nonspecific proteinases
***BT1** peptide hydrolases
NT1 renin
NT1 urokinase

nonspecific proteinases

INIS: 1990-12-07; ETDE: 2002-04-16
(Prior to December 1990, this was a valid descriptor.)
 USE nonspecific peptidases

NONUNIFORM IRRADIATION

UF non-uniform irradiation
BT1 irradiation
RT critical organs
RT isodose curves
RT radionuclide kinetics
RT spatial dose distributions

NONUNITARY REPRESENTATIONS

UF non-unitary representations
UF representations (nonunitary)
RT group theory
RT irreducible representations
RT symmetry groups
RT unitarity

nonviscous flow

INIS: 1986-03-04; ETDE: 2002-04-16
 USE ideal flow

nonyl radicals

1996-07-18
(Until July 1996 this was a valid descriptor.)
 USE alkyl radicals

nonylic acid

USE nonanoic acid

NORA REACTOR

Shutdown in 1968, Decommissioned.
UF norwegian research reactor nora
***BT1** heavy water cooled reactors
***BT1** heavy water moderated reactors
***BT1** research reactors
***BT1** tank type reactors
***BT1** thermal reactors
RT enriched uranium reactors
RT natural uranium reactors

NORADRENALINE

UF norepinephrine
***BT1** adrenal hormones
***BT1** cardiotonics
***BT1** neuroregulators
***BT1** sympathomimetics

NORBORNADIENE

INIS: 2000-04-12; ETDE: 1977-12-22

*BT1 cycloalkenes

NORD COMPUTERS

INIS: 1976-08-17; ETDE: 1976-11-01

BT1 computers

nordheim equation

USE inhour equation

NORDHEIM-SCALETAR METHOD

RT control rod worths

nordostschweizerische kraftwerk-1 reaktor

INIS: 1984-06-21; ETDE: 2002-04-16

USE beznau-1 reactor

nordostschweizerische kraftwerk-2 reaktor

INIS: 1984-06-21; ETDE: 2002-04-16

USE beznau-2 reactor

NORDSTRANDITE

INIS: 2000-04-12; ETDE: 1975-10-01

*BT1 oxide minerals

RT aluminium hydroxides

norepinephrine

INIS: 2000-04-12; ETDE: 1981-04-20

USE noradrenaline

norilsk research reactor rg-1m

INIS: 1984-06-21; ETDE: 2002-04-16

USE rg-1m reactor

norm

2019-02-12

USE naturally occurring radioactive materials

NORMAL-MODE ANALYSIS

UF analysis (normal-mode)

RT fourier analysis

RT plasma waves

NORTH AMERICA

NT1 canada

NT2 alberta

NT2 british columbia

NT2 manitoba

NT2 new brunswick

NT2 newfoundland

NT2 northwest territories

NT2 nova scotia

NT2 nunavut

NT2 ontario

NT3 chalk river

NT3 deep river

NT3 elliot lake

NT2 prince edward island

NT2 quebec

NT2 saskatchewan

NT2 yukon territory

NT1 mexico

NT1 usa

NT2 alabama

NT2 alaska

NT2 american samoa

NT2 arizona

NT2 arkansas

NT2 california

NT3 brawley geothermal field

NT3 coso hot springs

NT3 los angeles

NT2 colorado

NT3 mahogany zone

NT3 sand wash basin

NT2 connecticut

NT2 delaware

NT2 florida

NT3 cape kennedy

NT2 georgia (u.s. state of)

NT3 atlanta

NT2 great basin

NT2 hawaii

NT2 idaho

NT2 illinois

NT3 chicago

NT2 indiana

NT2 iowa

NT2 kansas

NT2 kentucky

NT2 louisiana

NT2 maine

NT2 maryland

NT2 massachusetts

NT2 michigan

NT2 minnesota

NT2 mississippi

NT2 missouri

NT2 montana

NT3 powder river basin

NT2 nebraska

NT2 nevada

NT3 steamboat springs

NT3 tonopah test range

NT2 new hampshire

NT2 new jersey

NT2 new mexico

NT3 los alamos

NT2 new york

NT3 new york city

NT2 north carolina

NT2 north dakota

NT2 ohio

NT3 cleveland

NT2 oklahoma

NT2 oregon

NT3 mt hood

NT2 pennsylvania

NT3 pittsburgh

NT2 puerto rico

NT2 rhode island

NT2 south carolina

NT2 south dakota

NT3 table mountain area

NT2 tennessee

NT3 chattanooga

NT3 oak ridge

NT2 texas

NT2 us east coast

NT2 us gulf coast

NT2 us west coast

NT2 utah

NT3 roosevelt hot springs

NT2 vermont

NT2 virgin islands

NT2 virginia

NT2 washington

NT3 richland

NT2 washington dc

NT2 west virginia

NT2 wisconsin

NT2 wyoming

NT3 powder river basin

NT3 rock springs sites

NT3 washakie basin

NORTH ANNA-1 REACTOR

Virginia Electric and Power Co., Mineral, Virginia, USA.

UF mineral virginia north anna-1 reactor

*BT1 pwr type reactors

NORTH ANNA-2 REACTOR

Virginia Electric and Power Co., Mineral, Virginia, USA.

UF mineral virginia north anna-2 reactor

*BT1 pwr type reactors

NORTH ANNA-3 REACTOR

Virginia Electric and Power Co., Mineral, Virginia, USA. Canceled in 1982 before construction began.

UF mineral virginia north anna-3 reactor

*BT1 pwr type reactors

NORTH ANNA-4 REACTOR

Virginia Electric and Power Co., Mineral, Virginia, USA. Canceled in 1980 before construction began.

UF mineral virginia north anna-4 reactor

*BT1 pwr type reactors

north atlantic region

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to June 1982, this was a valid ETDE descriptor.)

SEE usa

north atlantic treaty organization

INIS: 1993-11-09; ETDE: 2002-04-16

USE nato

NORTH CAROLINA

1997-06-17

*BT1 usa

RT cape fear river

RT onslow bay

RT us east coast

north carolina pulstar reactor

USE pulstar-raleigh reactor

north carolina state college research reactor-1

1993-11-09

USE ncscr-1 reactor

NORTH COAST-1 REACTOR

Puerto Rico Water Resources Authority, Arecibo, Puerto Rico, USA. Formerly the Aguirre-1 Reactor, relocated and renamed. Canceled in 1978 before construction began.

UF aguirre-1 reactor

*BT1 pwr type reactors

RT aguirre reactor

NORTH DAKOTA

*BT1 usa

RT missouri river

RT williston basin

NORTH KOREA

UF korea (north)

BT1 asia

BT1 developing countries

RT centrally planned economies

NORTH PLATTE RIVER

INIS: 2000-04-12; ETDE: 1977-10-20

*BT1 rivers

RT north platte river basin

NORTH PLATTE RIVER BASIN

INIS: 2000-04-12; ETDE: 1977-10-20

BT1 watersheds

RT colorado

RT nebraska

RT north platte river

RT wyoming

NORTH SEA

*BT1 atlantic ocean

NT1 wadden sea

NORTH-SOUTH ASYMMETRY

For global aspects only.

BT1 asymmetry

RT cosmic radiation

RT geographical variations

NORTH STAR PROJECT

INIS: 2000-04-12; ETDE: 1976-10-13
Proposal to ship natural gas from North Central Siberia to U.S. East Coast.
RT international agreements
RT liquefied natural gas

north yemen

INIS: 2000-04-12; ETDE: 1981-05-18
 USE yemen

NORTHERN HEMISPHERE

INIS: 1999-04-28; ETDE: 1980-09-22
Both for the surface and the celestial hemisphere.
 *BT1 earth planet
 RT southern hemisphere

northern ireland

USE united kingdom

northern rhodesia

USE zambia

northern states monticello reactor

USE monticello reactor

NORTHERN TERRITORY

*BT1 australia
 RT jabiluka deposit
 RT koongarra deposit
 RT nabarlek deposit
 RT ranger deposit
 RT south alligator deposit

NORTHWEST TERRITORIES

1996-07-08
(Prior to July 1996 PORT RADIUM was a valid ETDE descriptor.)
 UF port radium
 *BT1 canada

NORWAY

BT1 developed countries
 *BT1 scandinavia
 RT oecd
 RT sami people

NORWEGIAN ORGANIZATIONS

BT1 national organizations

norwegian research reactor nora

1993-11-09
 USE nora reactor

nos. 4, 5, and 6 fuel oils

INIS: 2000-04-12; ETDE: 1976-01-23
 USE residual fuels

nos. 5 and 6 burner oils

INIS: 2000-04-12; ETDE: 1976-01-23
 USE residual fuels

NOSE

*BT1 face
 BT1 respiratory system
 RT sense organs

nose cones

2000-04-12
(Prior to March 1997 this was a valid ETDE descriptor.)
 SEE space vehicles

NOTCHES

RT cracks
 RT impact tests

notice of probable violation

INIS: 2000-04-12; ETDE: 1979-12-10
(Prior to March 1997 this was a valid ETDE descriptor.)
 USE violations

notices

INIS: 2000-04-12; ETDE: 1979-12-10
(Prior to March 1997 this was a valid ETDE descriptor.)
 SEE administrative procedures

NOTIFICATION PROCEDURES

INIS: 1976-12-08; ETDE: 1990-11-20
Procedures to be followed by a nuclear operator in compliance with his legal obligation to notify certain actions or incidents to the authorities.
 BT1 administrative procedures
 RT nuclear operators

noto-1 reactor

INIS: 1989-09-14; ETDE: 1989-10-16
 USE shika-1 reactor

noto-2 reactor

2008-07-24
 USE shika-2 reactor

NOUGAT OPERATION

INIS: 2000-04-12; ETDE: 1979-11-23
 *BT1 nuclear explosions
 *BT1 underground explosions
 RT contained explosions

NOVA FACILITY

INIS: 1981-08-31; ETDE: 1978-04-28
Upgrade of SHIVA FACILITY at LLN for laser fusion experiments.
 RT laser fusion reactors
 RT lawrence livermore laboratory
 RT lawrence livermore national laboratory
 RT neodymium lasers
 RT novette facility
 RT shiva facility

NOVA MODEL

*BT1 particle models

NOVA SCOTIA

*BT1 canada

NOVACEKITE

2000-04-12
 *BT1 oxide minerals
 *BT1 uranium minerals
 RT arsenic oxides
 RT magnesium oxides
 RT uranium oxides

NOVAE

*BT1 eruptive variable stars
 RT supernovae

novain

USE carnitine

NOVAYA ZEMLYA

INIS: 1995-11-22; ETDE: 1996-09-09
 BT1 islands
 *BT1 russian federation
 RT arctic regions
 RT nuclear explosions
 RT radioactive waste disposal

NOVETTE FACILITY

INIS: 1985-10-23; ETDE: 1983-11-09
Two-beam Nd glass laser at LLNL operating at fundamental or harmonic wavelengths used for target irradiation experiments.
 RT lawrence livermore national laboratory
 RT neodymium lasers
 RT nova facility
 RT shiva facility

novocaine

USE procaine

NOVOVORONEZH-1 REACTOR

Novovoronezh, Russian Federation.
Permanent shutdown since 1988.
(Prior to June 2003 this reactor was indexed with WWER-1 REACTOR.)
 UF wwer-1 reactor
 *BT1 wwer type reactors

NOVOVORONEZH-2 REACTOR

Novovoronezh, Russian Federation.
Permanent shutdown since 1990.
(Prior to June 2003 this reactor was indexed with WWER-2 REACTOR.)
 UF wwer-2 reactor
 *BT1 wwer type reactors

NOVOVORONEZH-3 REACTOR

Novovoronezh, Russian Federation.
Permanent shutdown since 2016.
(Prior to June 2003 this reactor was indexed with WWER-3 REACTOR.)
 UF wwer-3 reactor
 *BT1 wwer type reactors

NOVOVORONEZH-4 REACTOR

(Prior to June 2003 this reactor was indexed with WWER-4 REACTOR.)
 UF wwer-4 reactor
 *BT1 wwer type reactors

NOVOVORONEZH-5 REACTOR

(Prior to June 2003 this reactor was indexed with WWER-5 REACTOR.)
 UF wwer-5 reactor
 *BT1 wwer type reactors

NOXSO PROCESS

INIS: 1994-07-01; ETDE: 1984-06-29
A dry, sorbent regenerable system capable of removing both sulfur dioxide and NOx from flue gas generated by coal-fired boilers.
 *BT1 combined soxnox processes

NOZZLES

RT aerosol generators
 RT flowmeters
 RT fuel injection systems
 RT jet drills
 RT jets
 RT orifices
 RT pipe fittings
 RT separation nozzle method

npd-2 reactor

INIS: 2000-04-12; ETDE: 1980-07-23
 USE npd reactor

NPd REACTOR

Rolphton, Ontario, Canada. Permanent shutdown since 1986.
 UF npd-2 reactor
 UF npd2 rolphton reactor
 UF nuclear power demonstration reactor-2 canada
 UF nuclear power demonstration reactor canada
 UF rolphton npd-2 reactor
 *BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors

npd2 rolphton reactor

2000-04-12
 USE npd reactor

npr reactor

USE n-reactor

nra

2002-11-25

USE nuclear reaction analysis

NRC KURCHATOV INSTITUTE

2016-07-28

National Research Center "Kurchatov Institute", Moscow, Russian Federation.

*BT1 russian organizations

NT1 ihep

NT1 itep

NT1 st petersburg institute of nuclear physics

nrel

1994-06-13

USE national renewable energy laboratory

NRL CYCLOTRON

UF naval research laboratory cyclotron

UF us naval research laboratory cyclotron

*BT1 isochronous cyclotrons

NRL LINAC

UF naval research laboratory linac

UF us naval research laboratory linac

*BT1 linear accelerators

NRPB

INIS: 1979-12-20; ETDE: 1980-01-24

National Radiological Protection Board.

UF national radiological protection board

*BT1 united kingdom organizations

nrts

INIS: 1994-08-22; ETDE: 1975-12-17

USE idaho national laboratory

nrts-etr reactor

USE etr reactor

nrts-lptf reactor

USE lptf reactor

nru canada reactor

USE nru reactor

NRU REACTOR

AECL, Chalk River Nuclear Labs., Ontario, Canada.

UF canadian nru reactor

UF nru canada reactor

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 test reactors

NRX-A1 REACTOR

2000-04-12

LASL, Los Alamos, New Mexico, USA.

UF nerva nrx-a1 reactor

*BT1 experimental reactors

*BT1 space propulsion reactors

NRX-A2 REACTOR

LASL, Los Alamos, New Mexico, USA.

UF nerva nrx-a2 reactor

*BT1 experimental reactors

*BT1 hydrogen cooled reactors

*BT1 space propulsion reactors

NRX-A3 REACTOR

LASL, Los Alamos, New Mexico, USA.

UF nerva nrx-a3 reactor

*BT1 experimental reactors

*BT1 hydrogen cooled reactors

*BT1 space propulsion reactors

NRX-A4-EST REACTOR

LASL, Los Alamos, New Mexico, USA.

UF nerva nrx-a4 engine system test reactor

*BT1 experimental reactors

*BT1 hydrogen cooled reactors

*BT1 space propulsion reactors

NRX-A5 REACTOR

LASL, Los Alamos, New Mexico, USA.

UF nerva nrx-a5 reactor

*BT1 experimental reactors

*BT1 hydrogen cooled reactors

*BT1 space propulsion reactors

NRX-A6 REACTOR

LASL, Los Alamos, New Mexico, USA.

UF nerva nrx-a6 reactor

*BT1 experimental reactors

*BT1 hydrogen cooled reactors

*BT1 space propulsion reactors

NRX-A7 REACTOR

2000-04-12

LASL, Los Alamos, New Mexico, USA.

UF nerva nrx-a7 reactor

*BT1 experimental reactors

*BT1 space propulsion reactors

RT hydrogen cooled reactors

NRX REACTOR

AECL, Chalk River Nuclear Labs., Ontario, Canada. Permanent shutdown since 1953.

UF canada nrx research reactor

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 materials testing reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

NS 50 LET POBEDY

2019-06-24

*BT1 nuclear ships

NT1 ok-900a reactors

ns arktika

INIS: 1984-08-27; ETDE: 1994-08-10

(Prior to the name change in November 1982 this was a valid descriptor, and older material is so indexed.)

USE ns leonid brezhnev

NS ENRICO FERMI

2000-04-12

*BT1 nuclear ships

NS LENIN

UF lenin (nuclear ship)

*BT1 nuclear ships

RT lenin reactor

NS LEONID BREZHNEV

INIS: 1984-08-27; ETDE: 1994-08-10

(Prior to November 1982 known as NS ARKTIKA.)

UF arktika (nuclear ship)

UF leonid brezhnev (nuclear ship)

UF ns arktika

*BT1 nuclear ships

RT leonid brezhnev reactor

NS MUTSU

UF mutsu (nuclear ship)

*BT1 nuclear merchant ships

RT mutsu reactor

NS OTTO HAHN

UF otto hahn (nuclear ship)

*BT1 nuclear merchant ships

RT otto hahn reactor

NS SAVANNAH

UF savannah (nuclear ship)

*BT1 nuclear merchant ships

RT savannah reactor

NS SEVMORPUT

2019-06-24

Ice-breaking LASH carrier

*BT1 nuclear ships

RT klt-40 reactors

NS SIBIR

INIS: 1985-09-09; ETDE: 1985-10-10

UF sibir (nuclear ship)

*BT1 nuclear ships

RT sibir reactor

NS TAYMYR

2019-06-24

*BT1 nuclear ships

RT klt-40m reactors

NS VAYGACH

2019-06-24

*BT1 nuclear ships

RT klt-40m reactors

NS YAMAL

2019-06-24

*BT1 nuclear ships

RT ok-900a reactors

NSCR REACTOR

Texas A and M Univ., College Station, Texas, USA.

UF college station texas training reactor

UF nuclear science center reactor texas

UF texas college station training reactor

*BT1 pool type reactors

*BT1 training reactors

*BT1 triga type reactors

NSF-RFP REACTOR

Rockwell International, Rocky Flats Plant, Golden, Colorado, USA.

UF nuclear safety facility-rfp reactor

UF rocky flats plant nuclear safety facility

*BT1 zero power reactors

NSLS

INIS: 1979-09-18; ETDE: 1979-04-11

UF national synchrotron light source

*BT1 synchrotron radiation sources

RT light sources

RT synchrotrons

RT x-ray sources

nspp

USE nuclear safety pilot plant

NSRR REACTOR

JAERI, Tokai, Ibaraki, Japan.

UF nuclear safety research reactor (japan)

*BT1 enriched uranium reactors

*BT1 hydride moderated reactors

*BT1 mixed spectrum reactors

*BT1 pulsed reactors

*BT1 research reactors

*BT1 solid homogeneous reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

NSTX DEVICE

INIS: 1999-07-26; ETDE: 1999-09-03

National Spherical Torus Experiment, Princeton Plasma Physics Laboratory, USA.

*BT1 spheromak devices

NTA

- UF *nitritotriacetic acid*
 *BT1 amino acids
 BT1 chelating agents

NTR REACTOR

General Electric Company, Vallecitos Nuclear Center, Pleasanton, California, USA.

- UF *general electric nuclear test reactor*
 UF *nuclear test reactor general electric company*
 UF *pleasanton usa ntr reactor*
 *BT1 enriched uranium reactors
 *BT1 graphite moderated reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 test reactors
 *BT1 thermal reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors

NTU PROCESS

2000-04-12

Air is admitted at top of retort, supporting combustion which moves downward through oil shale bed. When fire front reaches bottom, operation is halted; spent shale is dumped. A batch process, it is not suitable for retorting on commercial basis.

- RT oil shales
 RT retorting

nuclear accidents

- SEE radiation accidents
 SEE reactor accidents

nuclear acoustic resonance

- USE acoustic nmr

NUCLEAR ALIGNMENT

- RT oriented nuclei
 RT spin orientation

nuclear and radiation safety federal authority of russia

1997-08-08

- USE gosatomnadzor rossii

nuclear attacks

- USE nuclear weapons

NUCLEAR CASCADES

- UF *cascades (nuclear)*
 UF *intranuclear cascades*
 BT1 energy-level transitions
 NT1 gamma cascades
 RT energy levels

nuclear charge

- USE atomic number

NUCLEAR CHEMISTRY

1999-05-04

Study of nuclei and nuclear reactions using chemical methods.

(Prior to March 1986 RADIOCHEMISTRY was used for this concept.)

- BT1 chemistry
 RT nuclear physics
 RT radiochemistry

nuclear chicago mod 2000

2019-01-28

Instituto Politecnico Nacional. Mexico City, Mexico.

- USE nuclear chicago reactor

NUCLEAR CHICAGO REACTOR

2019-01-28

Instituto Politecnico Nacional. Mexico City, Mexico.

- UF *nuclear chicago mod 2000*

- *BT1 subcritical assemblies

- *BT1 training reactors

nuclear contestation

- USE public relations

nuclear controversy

This concept has also been indexed by the combination HAZARDS + HUMAN POPULATIONS.

(Prior to January 1983 PUBLIC RELATIONS was used for this concept.)

- USE nuclear power
 USE public opinion

NUCLEAR CORES

- UF *core polarization (nuclei)*
 UF *cores (nuclear)*
 RT nuclear structure

NUCLEAR DAMAGE

INIS: 1976-12-08; ETDE: 1989-11-03

All physical or material damage caused by a nuclear incident, i.e. resulting from the radioactive or other hazardous properties of nuclear materials.

- UF *damage (nuclear)*
 RT accidents
 RT damage
 RT vcochnd

nuclear damage, conv. on**supplementary compensation for**

2000-10-18

- USE cscnd

nuclear damage, vienna civil liability convention

INIS: 1984-06-21; ETDE: 2002-04-17

- USE vcochnd

NUCLEAR DATA COLLECTIONS

Use only for items about nuclear data collections, not for items which contain nuclear data.

- UF *endf*
 UF *evaluated nuclear data file*
 RT cinda
 RT compiled data
 RT data base management
 RT data compilation
 RT evaluated data
 RT information systems
 RT international nuclear data committee
 RT libraries
 RT us nuclear data network

NUCLEAR DECAY

INIS: 1978-02-23; ETDE: 1988-10-12

- BT1 decay
 NT1 alpha decay
 NT1 beta decay
 NT2 beta-minus decay
 NT3 double beta decay
 NT4 neutrinoless double beta decay
 NT2 beta-plus decay
 NT2 electron capture decay
 NT3 k capture
 NT3 l capture
 NT3 m capture
 NT1 gamma decay
 NT1 heavy ion emission decay
 NT2 carbon 12 emission decay
 NT2 carbon 14 emission decay
 NT2 carbon 16 emission decay
 NT2 magnesium 28 emission decay
 NT2 magnesium 30 emission decay
 NT2 neon 24 emission decay
 NT2 oxygen 16 emission decay
 NT2 silicon 32 emission decay
 NT2 silicon 34 emission decay

- NT1 internal conversion

- NT2 k conversion

- NT2 l conversion

- NT2 m conversion

- NT1 proton-emission decay

- NT1 spontaneous fission

NUCLEAR DEFORMATION

For the deformation in the excited state of nuclei which are not deformed in the ground state.

- BT1 deformation
 RT deformed nuclei

nuclear density

INIS: 1984-04-04; ETDE: 2002-04-17

Coordinate descriptor below with NEUTRON DENSITY and/or PROTON DENSITY.

- USE nuclear matter

NUCLEAR DETERRENCE

INIS: 1994-09-29; ETDE: 1984-05-08

Nuclear adversaries overbuilding both warheads and delivery capacity, with a standoff ensuing because of the retaliatory potential of the opponent deterring the would-be aggressor.

- RT national security
 RT nuclear weapons
 RT proliferation

NUCLEAR DISARMAMENT

INIS: 1998-06-10; ETDE: 1980-07-23

- SF *disarmament*
 RT arms control
 RT ctbt
 RT ctbto
 RT fmct
 RT nuclear freeze
 RT nuclear weapons
 RT nuclear weapons dismantlement
 RT safeguards
 RT salt talks

NUCLEAR ELECTRIC MOMENTS

- UF *nuclear moments (electric)*
 BT1 electric moments
 BT1 nuclear properties
 RT electric dipole moments
 RT nuclear quadrupole resonance
 RT perturbed angular correlation
 RT quadrupole moments

NUCLEAR EMULSIONS

- RT autoradiography
 RT images
 RT latent images
 RT photographic film detectors
 RT photographic film dosimeters
 RT photographic films
 RT radiator counters

NUCLEAR ENERGY

Use only in the general sense, such as for energy production or the comparison of different sources of energy.

- UF *atomic energy*
 BT1 energy
 RT nuclear power plants

nuclear energy agency

2000-04-12

- USE nea

nuclear energy agency (oecd)

INIS: 1977-04-07; ETDE: 2002-04-17

- USE nea

NUCLEAR ENGINEERING

- BT1 engineering
 RT dual-use technologies
 RT nuclear industry

RT reactor technology
 RT reactors
 RT technology transfer

nuclear engineering test reactor

2000-04-12

USE netr reactor

nuclear evaporation

USE evaporation model

NUCLEAR EXCAVATION

BT1 excavation
 RT cratering explosions
 RT nuclear explosions
 RT plowshare project
 RT surface explosions
 RT underground explosions
 RT underwater explosions

NUCLEAR EXPLOSION DETECTION

1998-06-10

UF detection (nuclear explosions)
 BT1 detection
 RT atmospheric explosions
 RT ctbt
 RT in-country detection
 RT nuclear explosions
 RT nuclear forensics
 RT seismic detection
 RT underground explosions

NUCLEAR EXPLOSIONS

1998-06-10

Specifically named single nuclear explosions are listed by name and the word EVENT, e.g., BOXCAR EVENT. All projects involving nuclear explosions are listed by the project name and the word PROJECT, e.g., PLOWSHARE PROJECT.

UF agrini event
 UF almendro event
 UF annie event
 UF argus event
 UF atomic explosions
 UF baneberry event
 UF benham event
 UF bowline operation
 UF boxcar event
 UF bronco event
 UF buffalo project
 UF cabriolet event
 UF calabash event
 UF cannikin event
 UF carpetbag event
 UF danny boy event
 UF dining car event
 UF emery operation
 UF events (nuclear explosions)
 UF faultless event
 UF flintlock operation
 UF fulcrum operation
 UF fusileer operation
 UF greeley event
 UF halfbeak event
 UF handcar event
 UF handley event
 UF harry event
 UF holly event
 UF husky ace event
 UF hutch event
 UF ivy project
 UF jangle project
 UF jorum event
 UF latir event
 UF marvel event
 UF mighty epic event
 UF milrow event
 UF miniata event

UF monique event
 UF nuclear weapon tests
 UF orange event
 UF pin stripe event
 UF pokhran event
 UF portmanteau event
 UF project buffalo
 UF project ivy
 UF project jangle
 UF redmud event
 UF romeo event
 UF rulison event
 UF scotch event
 UF smoky event
 UF starfish event
 UF swordfish event
 UF teak event
 UF tewa event
 UF tybo event
 UF wagon wheel event
 UF yankee event
 UF zuni event
 BT1 explosions
 NT1 anvil project
 NT1 arbor project
 NT1 bedrock project
 NT1 castle project
 NT1 crossroads project
 NT1 crosstie operation
 NT2 gasbuggy event
 NT1 dominic project
 NT1 greenhouse project
 NT1 grommet operation
 NT1 hardtack project
 NT1 latchkey operation
 NT1 mandrel operation
 NT1 nougat operation
 NT1 plumbbob project
 NT1 praetorian project
 NT1 ranger project
 NT1 sandstone project
 NT1 sun beam operation
 NT1 thermonuclear explosions
 NT1 toggle operation
 NT2 rio blanco event
 NT1 trinity event
 NT1 whetstone operation
 RT aleutian islands
 RT artificial radiation belts
 RT atmospheric explosions
 RT azgir test site
 RT cavities
 RT civil defense
 RT contained explosions
 RT cratering explosions
 RT ctbt
 RT ctbto
 RT electromagnetic pulses
 RT excavation
 RT explosive fracturing
 RT explosive stimulation
 RT fallout
 RT fission
 RT fission products
 RT global fallout
 RT ground motion
 RT hiroshima
 RT in-country detection
 RT little boy
 RT marshall islands
 RT nagasaki
 RT nevada test site
 RT novaya zemlya
 RT nuclear excavation
 RT nuclear explosion detection
 RT nuclear fireballs
 RT nuclear test sites
 RT nuclear weapons
 RT nuclear winter

RT plowshare project
 RT radioactive clouds
 RT redwing project
 RT seismic effects
 RT seismic events
 RT semipalatinsk test site
 RT shelters
 RT shock waves
 RT surface explosions
 RT thunderbird project
 RT underground explosions
 RT underwater explosions
 RT upshot project
 RT vela project

NUCLEAR EXPLOSIVES

BT1 explosives

NUCLEAR FACILITIES

1996-07-18

(From August 1976 till March 1997

HUMECA URANIUM MILL was a valid ETDE descriptor.)

UF facilities (nuclear)
 UF humeca uranium mill
 UF installation sites
 UF nuclear installation sites
 UF sites (nuclear installations)
 NT1 feed materials plants
 NT2 areva nc malvesi
 NT2 feed materials production center
 NT2 west valley uf6 facility
 NT1 fuel cycle centers
 NT1 fuel fabrication plants
 NT2 cimarron plutonium production plant
 NT2 cimarron uranium fuel plant
 NT2 exxon fuel fabrication facility
 NT2 mixed oxide fuel fabrication plants
 NT2 westinghouse recycle fuels plant
 NT1 fuel reprocessing plants
 NT2 areva nc la hague
 NT2 barnwell fuel processing plant
 NT2 cea la hague
 NT2 coral reprocessing plant
 NT2 hef
 NT2 idaho chemical processing plant
 NT2 midwest fuel recovery plant
 NT2 nuclear fuel recovery and recycling center
 NT2 rokkasho reprocessing plant
 NT2 sellafeld reprocessing plant
 NT2 tokai reprocessing plant
 NT2 wackersdorf reprocessing plant
 NT2 wak
 NT2 west valley processing plant
 NT2 westinghouse recycle fuels plant
 NT1 hot labs
 NT1 irradiation plants
 NT2 isomed
 NT1 isotope separation plants
 NT2 areva nc miramas
 NT2 areva nc pierrelatte
 NT2 centrifuge enrichment plants
 NT3 portsmouth centrifuge enrichment plant
 NT3 rokkasho uranium enrichment plant
 NT2 gaseous diffusion plants
 NT3 orgdp
 NT3 paducah plant
 NT3 portsmouth gaseous diffusion plant
 NT2 heavy water plants
 NT2 tritium extraction plants
 NT1 kyshtym plant
 NT1 mayak plant
 NT1 mochovce liquid raw final treatment facility
 NT1 nuclear power plants

NT2 bopssar standard plant
NT2 ebasco standard plant
NT2 gibbsar standard plant
NT2 offshore nuclear power plants
NT3 akademik lomonosov powership
NT2 swessar standard plant
NT2 underground nuclear stations
NT1 radioactive waste facilities
NT2 asse salt mine
NT2 aube plant
NT2 bohunice radioactive waste processing center
NT2 gorleben salt dome
NT2 hades underground research facility
NT2 konrad ore mine
NT2 manche plant
NT2 mochovce liquid raw final treatment facility
NT2 mochovce radioactive waste repository
NT2 morsleben salt mine
NT2 pamela plant
NT2 vaalputs radioactive waste disposal facility
NT2 wipp
NT1 surplus nuclear facilities
RT biointrusion
RT controlled areas
RT distributed structures
RT energy facilities
RT external zones
RT human intrusion
RT laboratories
RT maintenance facilities
RT nuclear parks
RT public anxiety
RT site approvals
RT storage facilities
RT test facilities
RT underground facilities

nuclear ferromagnetism

INIS: 1985-03-19; ETDE: 2002-04-17
Ordering of nuclear spins occurring when the temperature is lowered to the microkelvin region.
USE ferromagnetism
USE nuclear magnetism

NUCLEAR FIREBALL MODEL

INIS: 1978-09-28; ETDE: 1978-10-19
A nuclear reaction model for the total disintegration of the two nuclei in relativistic heavy ion reactions.
UF firebreast model
***BT1** nuclear models
RT evaporation model
RT heavy ion reactions
RT inclusive interactions
RT quasi-fission
RT spallation

NUCLEAR FIREBALLS

1975-08-22
UF fireballs (nuclear)
SF fireballs
RT nuclear explosions

NUCLEAR FORCES

NT1 wigner force
RT binding energy
RT mass defect
RT nuclear potential
RT potentials
RT tensor forces

NUCLEAR FORENSICS

2015-11-20
Investigation of nuclear materials to find evidence of the source, the trafficking, and the enrichment of the material.
***BT1** crime detection
RT nuclear explosion detection
RT nuclear materials diversion
RT proliferation
RT safeguards
RT security

NUCLEAR FRAGMENTATION

INIS: 1995-09-08; ETDE: 1989-06-23
(Until January 1986, this was a forbidden term and this concept was indexed by SPALLATION.)
BT1 nuclear reactions
RT deep inelastic heavy ion reactions
RT fission
RT incomplete fusion reactions
RT nuclear fragments
RT spallation

NUCLEAR FRAGMENTS

INIS: 1978-11-24; ETDE: 1977-09-19
Nuclear reaction products.
UF fragments (nuclear)
NT1 anomalous
NT1 fission fragments
NT1 hypernuclei
NT1 spallation fragments
RT fission
RT nuclear fragmentation
RT nuclear reaction yield
RT spallation

NUCLEAR FREEZE

INIS: 1998-06-10; ETDE: 1987-07-22
A mutual freeze on the testing, production, and deployment of nuclear weapons and of missiles and new aircraft designed primarily to deliver nuclear weapons.
RT arms control
RT ctb
RT ctbto
RT fmct
RT international agreements
RT nuclear disarmament

nuclear fuel centers

INIS: 1979-02-21; ETDE: 2002-04-17
USE fuel cycle centers

NUCLEAR FUEL CONVERSION

Conversion of a fertile substance into a fissile substance.
UF conversion (nuclear fuel)
NT1 breeding
RT conversion ratio
RT fertile materials

nuclear fuel elements

USE fuel elements

NUCLEAR FUEL RECOVERY AND RECYCLING CENTER

INIS: 1990-12-15; ETDE: 1976-09-14
EXXON NUCLEAR FACILITY ROANE COUNTY, Tennessee, USA.
(Prior to December 1990, this concept was indexed by EXXON RECOVERY AND RECYCLE PLA.)
UF exxon recovery and recycle plant
SF exxon nuclear facility
***BT1** fuel reprocessing plants
RT tennessee

NUCLEAR FUELS

UF fuels (nuclear)
UF reactor fuels

UF reactor fuels (fission)
BT1 energy sources
BT1 fuels
***BT1** reactor materials
NT1 accident-tolerant nuclear fuels
NT1 alloy nuclear fuels
NT2 uranium-molybdenum fuels
NT1 denatured fuel
NT1 dispersion nuclear fuels
NT1 fuel solutions
NT1 liquid metal fuels
NT1 mixed carbide fuels
NT1 mixed nitride fuels
NT1 mixed oxide fuels
NT1 molten salt fuels
NT1 spent fuels
RT accelerator breeders
RT burnup
RT fertile materials
RT fissile materials
RT fissium
RT fuel-cladding interactions
RT fuel-coolant interactions
RT fuel cycle
RT fuel densification
RT fuel elements
RT fuel integrity
RT fuel particles
RT fuel pellets
RT fuel washers
RT gas fuels
RT non-proliferation policy
RT nuclear materials management
RT plutonium
RT reactors
RT thorium cycle
RT uranium

NUCLEAR FURNACE REACTOR

LASL, Los Alamos, New Mexico, USA.
***BT1** beryllium moderated reactors
***BT1** enriched uranium reactors
***BT1** research and test reactors
***BT1** tank type reactors
***BT1** water moderated reactors

NUCLEAR HALOS

1995-07-06
UF halo states
UF neutron halos
UF proton halos
RT nuclear potential
RT nuclear structure

NUCLEAR INDUSTRY

BT1 industry
RT construction
RT fuel fabrication plants
RT fuel reprocessing plants
RT gaseous diffusion plants
RT nuclear engineering
RT nuclear parks
RT usur

nuclear installation sites

INIS: 1976-12-08; ETDE: 2002-04-17
If appropriate use one of the specific types of facilities.
USE nuclear facilities

nuclear installations inspectorate

INIS: 1993-11-09; ETDE: 2002-04-17
USE uk nii

NUCLEAR INSTRUMENT MODULES

Standard instrumentation modules designed to be interchangeable physically and electrically.
UF aec-nim
UF nim
RT camac system
RT computers

RT data acquisition systems
 RT data transmission
 RT electronic equipment
 RT fastbus system
 RT modular structures
 RT on-line control systems

NUCLEAR INSURANCE

BT1 insurance
 RT price-anderson act

NUCLEAR LIABILITY

INIS: 1976-12-08; ETDE: 1991-08-20
The special liability regime, for nuclear damage, of the operators of nuclear installations.

BT1 liabilities
 RT cscnd
 RT liability exclusions
 RT liability limitations
 RT nuclear operators
 RT pcotpl
 RT price-anderson act
 RT time limitations
 RT vcocld

nuclear log

INIS: 2000-04-12; ETDE: 1976-06-07
 USE radioactivity logging

NUCLEAR MAGNETIC LOGGING

INIS: 1978-04-21; ETDE: 1976-06-07
 UF nmr logging
 BT1 well logging

NUCLEAR MAGNETIC MOMENTS

UF nuclear moments (magnetic)
 BT1 magnetic moments
 BT1 nuclear properties
 RT magnetic dipole moments
 RT nuclear magnetism
 RT perturbed angular correlation
 RT quadrupole moments
 RT schmidt lines

NUCLEAR MAGNETIC RESONANCE

UF nmr
 UF nuclear spin resonance
 UF paramagnetic resonance (nuclear)
 *BT1 magnetic resonance
 NT1 acoustic nmr
 NT1 td-nmr
 RT chemical shift
 RT contrast media
 RT double resonance methods
 RT knight shift
 RT level mixing resonance
 RT nmr imaging
 RT nmr spectra
 RT nuclear magnetism
 RT overhauser effect
 RT spin echo
 RT spin-lattice relaxation
 RT spin-spin relaxation
 RT structural chemical analysis

nuclear magnetic resonance spectra

INIS: 1993-11-09; ETDE: 2002-04-17
 USE nmr spectra

NUCLEAR MAGNETISM

INIS: 1985-03-19; ETDE: 1990-11-20
Refers to ordering of nuclear spins at extremely low temperatures.

UF nuclear ferromagnetism
 BT1 magnetism
 RT nuclear magnetic moments
 RT nuclear magnetic resonance
 RT spin orientation

nuclear mater, agencia brasil-argentina contabil controle

INIS: 1999-06-22; ETDE: 2002-04-17
 USE abacc

nuclear materials, convention on physical protection

INIS: 1993-11-09; ETDE: 2002-04-17
 USE cppnm

NUCLEAR MATERIALS DIVERSION

RT civex process
 RT cppnm
 RT detection
 RT dual-use technologies
 RT motion detection systems
 RT non-proliferation policy
 RT nuclear forensics
 RT safeguards
 RT security personnel

NUCLEAR MATERIALS MANAGEMENT

UF accountability (nuclear materials)
 UF dymac system
 UF dynamic materials accountability system
 UF fissionable materials management
 SF accountability
 BT1 management
 NT1 fuel management
 RT accounting
 RT cost
 RT cppnm
 RT detection
 RT fissile materials
 RT fissionable materials
 RT fuel cycle
 RT harvest process
 RT identification systems
 RT intrusion detection systems
 RT losses
 RT material unaccounted for
 RT nuclear fuels
 RT nuclear materials possession
 RT nuclear weapons dismantlement
 RT radioactive wastes
 RT reprocessing
 RT safeguards

NUCLEAR MATERIALS POSSESSION

INIS: 1977-04-07; ETDE: 1977-06-03
 UF possession (nuclear materials)
 RT non-proliferation treaty
 RT nuclear materials management
 RT nuclear trade
 RT proliferation
 RT safeguard regulations
 RT safeguards

NUCLEAR MATRIX

BT1 matrices

NUCLEAR MATTER

UF neutron matter
 UF nuclear density
 UF nuclear matter density
 BT1 matter
 RT centauro-type events
 RT neutron stars
 RT nuclei
 RT pion condensation
 RT quark matter
 RT walecka model

nuclear matter density

INIS: 1984-04-04; ETDE: 2002-04-17
Coordinate descriptor below with NEUTRON DENSITY and/or PROTON DENSITY.
 USE nuclear matter

NUCLEAR MEDICINE

UF radiodiagnosis (radionuclides)
 BT1 medicine
 NT1 radiology
 NT2 biomedical radiography
 NT3 fluoroscopy
 NT3 ionographic imaging
 NT3 osteodensitometry
 NT3 renography
 NT2 radiotherapy
 NT3 afterloading
 NT3 brachytherapy
 NT4 radioembolization
 NT3 ct-guided radiotherapy
 NT3 external beam radiation therapy
 NT3 neutron therapy
 NT4 neutron capture therapy
 NT3 radioimmunotherapy
 RT clearance
 RT diagnosis
 RT diagnostic techniques
 RT gamma cameras
 RT labelled compounds
 RT positron cameras
 RT radioisotope scanning
 RT radioisotopes
 RT radiopharmaceuticals
 RT scintiscanning
 RT tracer techniques

NUCLEAR MERCHANT SHIPS

INIS: 1976-11-17; ETDE: 1978-05-01
 UF commercial nuclear ships
 *BT1 nuclear ships
 NT1 ns mutsu
 NT1 ns otto hahn
 NT1 ns savannah

NUCLEAR MODELS

1996-01-24
 UF models (nuclear)
 BT1 mathematical models
 NT1 black nucleus model
 NT1 brueckner model
 NT1 cloudy crystal ball model
 NT1 cluster model
 NT1 coherent tube model
 NT1 collective model
 NT2 rotation-vibration model
 NT1 cranking model
 NT1 davydov-filipov model
 NT1 droplet model
 NT1 elliot model
 NT1 evaporation model
 NT2 weisskopf model
 NT1 exciton model
 NT1 fermi gas model
 NT1 folding model
 NT1 goldberger model
 NT1 lane-thomas-wigner model
 NT1 liquid drop model
 NT1 nilsson-mottelson model
 NT1 nuclear fireball model
 NT1 order-disorder model
 NT1 particle-core coupling model
 NT1 particle-hole model
 NT1 perey-buck model
 NT1 quartet model
 NT1 quasiparticle-phonon model
 NT1 scission-point model
 NT1 shell models
 NT2 governor model
 NT2 interacting boson model
 NT2 multi-center shell model

NT1 single-particle model
NT1 spherical model
NT1 strong-absorption model
NT1 superfluid model
NT1 unified model
NT1 valency model
NT1 vibron model
NT1 vmi model
NT1 walecka model
NT1 weak-coupling model
RT bohr-wheeler theory
RT brueckner method
RT compound nuclei
RT deformed nuclei
RT hamada-johnston potential
RT harmonic oscillator models
RT hartree-fock-bogolyubov theory
RT hartree-fock method
RT hill-wheeler theory
RT hurwitz effect
RT hydrodynamic model
RT kisslinger-sorensen theory
RT nuclear radii
RT nuclear structure
RT nucleon-nucleon potential
RT optical models
RT strutinsky theory
RT thomas-fermi model

NUCLEAR MOLECULES

RT interactions
RT nuclei

nuclear moments (electric)

INIS: 1984-04-04; ETDE: 2002-04-17
USE nuclear electric moments

nuclear moments (magnetic)

INIS: 1984-04-04; ETDE: 2002-04-17
USE nuclear magnetic moments

NUCLEAR OPERATORS

INIS: 1976-12-08; ETDE: 1991-08-20
The financially responsible organizations or persons.
UF operators (nuclear facilities)
RT national organizations
RT notification procedures
RT nuclear liability
RT wano

NUCLEAR PARKS

A facility containing a nuclear power plant plus on-site support industries such as fuel fabrication plants, reprocessing plants, etc.

UF parks (nuclear)
BT1 energy parks
RT fuel fabrication plants
RT fuel reprocessing plants
RT nuclear facilities
RT nuclear industry
RT nuclear power plants

NUCLEAR PHYSICS

Use only for indexing articles of very broad coverage, such as annual reviews, text books, etc.

BT1 physics
RT high energy physics
RT neutron physics
RT nuclear chemistry
RT nuclear theory

nuclear physics research institute amsterdam

INIS: 1993-11-09; ETDE: 2002-04-17
USE iko

NUCLEAR POISONS

Neutron absorbers in a reactor.
UF poisons (nuclear)

***BT1** reactor materials
NT1 burnable poisons
NT1 fission poisons
NT1 soluble poisons
RT poisoning
RT reactor poison removal
RT samarium oscillations
RT xenon oscillations

NUCLEAR POTENTIAL

1996-07-08
BT1 potentials
NT1 fission barrier
NT1 hard-core potential
NT1 harmonic potential
NT1 hulthen potential
NT1 soft-core potential
NT1 square-well potential
NT1 woods-saxon potential
NT1 yukawa potential
RT gamow barrier
RT hamada-johnston potential
RT nonlocal potential
RT nuclear forces
RT nuclear halos
RT optical models
RT tabakin potential
RT wigner-eisenbud theory

NUCLEAR POWER

UF nuclear controversy
BT1 power
NT1 residual power
RT electric power
RT electric power industry
RT nuclear power phaseout
RT off-peak power
RT power generation

nuclear power demonstration reactor-2 canada

2000-04-12
USE npd reactor

nuclear power demonstration reactor canada

1993-11-09
USE npd reactor

NUCLEAR POWER PHASEOUT

INIS: 1982-12-03; ETDE: 1978-10-25
Policy scenario wherein plants now operating or under construction are allowed normal-life operation, but no additional plants are allowed.

RT energy policy
RT government policies
RT nuclear power

nuclear power plant research institute

2002-12-17
USE vuje

NUCLEAR POWER PLANTS

1997-06-17
UF nuclear power stations
BT1 nuclear facilities
***BT1** thermal power plants
NT1 bopssar standard plant
NT1 ebasco standard plant
NT1 gibbsar standard plant
NT1 offshore nuclear power plants
NT2 akademik lomonosov powership
NT1 swessar standard plant
NT1 underground nuclear stations
RT nuclear energy
RT nuclear parks
RT power reactors
RT reactor sites

RT risk assessment
RT thermonuclear power plants

nuclear power stations

USE nuclear power plants

NUCLEAR PROPERTIES

NT1 nuclear electric moments
NT1 nuclear magnetic moments
NT1 nuclear radii
RT limiting values
RT nuclear structure

nuclear-pumped lasers

INIS: 1984-04-04; ETDE: 2002-04-17
Coordinate descriptor below with appropriate descriptor from word block for LASERS.
USE nuclear pumping

NUCLEAR PUMPING

Laser-like pumping in nuclei, produced by electrons or, in general, by beams of charged particles.

UF nuclear-pumped lasers
UF pumping (nuclear)
BT1 pumping
RT electrical pumping
RT gasers
RT lasers
RT optical pumping
RT stimulated emission

NUCLEAR QUADRUPOLE RESONANCE

BT1 resonance
RT electric fields
RT level mixing resonance
RT nuclear electric moments
RT quadrupole moments

NUCLEAR RADII

UF charge radius (nuclear)
UF mass radius (nuclear)
BT1 nuclear properties
RT charge distribution
RT nuclear models
RT nuclear structure
RT particle radii

NUCLEAR REACTION ANALYSIS

1999-05-04
Chemical analysis based on detection and analysis of prompt nuclear reaction products, e.g., gamma rays, neutrons, or charged particles.

UF analysis (nuclear reaction)
UF nra
UF pige analysis
***BT1** nondestructive analysis
NT1 delayed neutron analysis
RT activation analysis
RT nuclear reaction analyzers

NUCLEAR REACTION ANALYZERS

INIS: 1986-01-21; ETDE: 1979-01-30
BT1 measuring instruments
RT delayed neutron analysis
RT fuel scanning
RT neutron activation analyzers
RT nuclear reaction analysis

NUCLEAR REACTION KINETICS

***BT1** reaction kinetics
RT coupled channel born approximation
RT distorted wave theory
RT dwba
RT finite-range interactions
RT nuclear reactions
RT q-value
RT rescattering
RT resonating-group method
RT spin flip

RT zero-range approximation

NUCLEAR REACTION YIELD

UF yield (nuclear reaction)

BT1 yields

NT1 fission yield

NT1 fusion yield

RT nuclear fragments

RT nuclear reactions

NUCLEAR REACTIONS

1995-05-09

NT1 antineutrino reactions

NT1 breakup reactions

NT1 charge-exchange reactions

NT1 charged-particle reactions

NT2 alpha reactions

NT2 deuteron reactions

NT3 antideuteron reactions

NT2 electron reactions

NT3 electrofission

NT2 helium 3 reactions

NT2 meson reactions

NT3 kaon reactions

NT4 kaon minus reactions

NT4 kaon neutral reactions

NT4 kaon plus reactions

NT3 pion reactions

NT4 pion minus reactions

NT4 pion plus reactions

NT2 muon reactions

NT2 proton reactions

NT2 triton reactions

NT1 cold fusion

NT1 compound-nucleus reactions

NT1 direct reactions

NT2 knock-on reactions

NT2 knock-out reactions

NT2 quasi-free reactions

NT3 quasi-elastic scattering

NT2 transfer reactions

NT3 multi-nucleon transfer reactions

NT4 four-nucleon transfer reactions

NT5 alpha-transfer reactions

NT4 many-nucleon transfer reactions

NT4 three-nucleon transfer reactions

NT4 two-nucleon transfer reactions

NT3 one-nucleon transfer reactions

NT3 pickup reactions

NT3 stripping

NT1 fission

NT2 binary fission

NT2 cold fission

NT2 electrofission

NT2 fast fission

NT2 photofission

NT2 quaternary fission

NT2 spontaneous fission

NT2 ternary fission

NT2 thermal fission

NT1 hadron reactions

NT2 baryon reactions

NT3 hyperon reactions

NT3 nucleon reactions

NT4 antinucleon reactions

NT5 antineutron reactions

NT5 antiproton reactions

NT4 neutron reactions

NT5 fast fission

NT5 thermal fission

NT4 proton reactions

NT2 meson reactions

NT3 kaon reactions

NT4 kaon minus reactions

NT4 kaon neutral reactions

NT4 kaon plus reactions

NT3 pion reactions

NT4 pion minus reactions

NT4 pion plus reactions

NT1 heavy ion reactions

NT2 aluminium 27 reactions

NT2 argon 36 reactions

NT2 argon 40 reactions

NT2 beryllium 11 reactions

NT2 beryllium 7 reactions

NT2 beryllium 8 reactions

NT2 beryllium 9 reactions

NT2 bismuth 209 reactions

NT2 boron 10 reactions

NT2 boron 11 reactions

NT2 boron 8 reactions

NT2 bromine 79 reactions

NT2 bromine 81 reactions

NT2 calcium 40 reactions

NT2 calcium 42 reactions

NT2 calcium 44 reactions

NT2 calcium 48 reactions

NT2 carbon 12 reactions

NT2 carbon 13 reactions

NT2 carbon 14 reactions

NT2 chlorine 35 reactions

NT2 chlorine 37 reactions

NT2 chromium 52 reactions

NT2 chromium 54 reactions

NT2 cobalt 59 reactions

NT2 copper 63 reactions

NT2 copper 65 reactions

NT2 deep inelastic heavy ion reactions

NT2 dysprosium 161 reactions

NT2 erbium 166 reactions

NT2 fluorine 19 reactions

NT2 gadolinium 155 reactions

NT2 germanium 70 reactions

NT2 germanium 74 reactions

NT2 germanium 76 reactions

NT2 gold 197 reactions

NT2 heavy ion fusion reactions

NT2 helium 6 reactions

NT2 helium 8 reactions

NT2 holmium 165 reactions

NT2 incomplete fusion reactions

NT2 iodine 127 reactions

NT2 iron 54 reactions

NT2 iron 56 reactions

NT2 iron 58 reactions

NT2 krypton 80 reactions

NT2 krypton 82 reactions

NT2 krypton 83 reactions

NT2 krypton 84 reactions

NT2 krypton 86 reactions

NT2 lanthanum 139 reactions

NT2 lead 206 reactions

NT2 lead 208 reactions

NT2 lithium 11 reactions

NT2 lithium 6 reactions

NT2 lithium 7 reactions

NT2 lithium 8 reactions

NT2 lithium 9 reactions

NT2 magnesium 24 reactions

NT2 magnesium 25 reactions

NT2 magnesium 26 reactions

NT2 manganese 55 reactions

NT2 molybdenum 100 reactions

NT2 molybdenum 92 reactions

NT2 molybdenum 96 reactions

NT2 molybdenum 98 reactions

NT2 neodymium 142 reactions

NT2 neodymium 150 reactions

NT2 neon 20 reactions

NT2 neon 22 reactions

NT2 neon 29 reactions

NT2 nickel 58 reactions

NT2 nickel 59 reactions

NT2 nickel 60 reactions

NT2 nickel 61 reactions

NT2 nickel 62 reactions

NT2 nickel 64 reactions

NT2 niobium 93 reactions

NT2 nitrogen 13 reactions

NT2 nitrogen 14 reactions

NT2 nitrogen 15 reactions

NT2 oxygen 14 reactions

NT2 oxygen 16 reactions

NT2 oxygen 17 reactions

NT2 oxygen 18 reactions

NT2 palladium 110 reactions

NT2 palladium 118 reactions

NT2 phosphorus 31 reactions

NT2 potassium 39 reactions

NT2 quasi-fission

NT2 ruthenium 104 reactions

NT2 samarium 144 reactions

NT2 samarium 154 reactions

NT2 scandium 45 reactions

NT2 selenium 76 reactions

NT2 selenium 80 reactions

NT2 selenium 82 reactions

NT2 silicon 28 reactions

NT2 silicon 29 reactions

NT2 silicon 30 reactions

NT2 silver 109 reactions

NT2 sodium 23 reactions

NT2 sulfur 32 reactions

NT2 sulfur 33 reactions

NT2 sulfur 34 reactions

NT2 sulfur 36 reactions

NT2 sulfur 39 reactions

NT2 tellurium 130 reactions

NT2 thallium 205 reactions

NT2 thorium 232 reactions

NT2 tin 112 reactions

NT2 tin 116 reactions

NT2 tin 118 reactions

NT2 tin 120 reactions

NT2 tin 122 reactions

NT2 tin 124 reactions

NT2 titanium 46 reactions

NT2 titanium 48 reactions

NT2 titanium 49 reactions

NT2 titanium 50 reactions

NT2 tungsten 183 reactions

NT2 tungsten 184 reactions

NT2 uranium 235 reactions

NT2 uranium 238 reactions

NT2 vanadium 51 reactions

NT2 xenon 129 reactions

NT2 xenon 132 reactions

NT2 xenon 134 reactions

NT2 xenon 136 reactions

NT2 zinc 64 reactions

NT2 zinc 68 reactions

NT2 zinc 70 reactions

NT2 zirconium 90 reactions

NT2 zirconium 92 reactions

NT2 zirconium 96 reactions

NT1 lepton reactions

NT2 electron reactions

NT3 electrofission

NT2 muon reactions

NT2 neutrino reactions

NT2 positron reactions

NT1 nuclear fragmentation

NT1 photonuclear reactions

NT2 photofission

NT1 precompound-nucleus emission

NT1 secondary reactions

NT1 spallation

NT1 strangeness-exchange reactions

NT1 thermonuclear reactions

NT2 controlled thermonuclear fusion

NT2 impact fusion

NT2 muon-catalyzed fusion

RT capture

RT capture-to-fission ratio

RT chain reactions

RT cinda

RT coherent tube model

RT coupled channel born approximation

RT coupled channel theory
 RT cross sections
 RT delayed gamma radiation
 RT detailed balance principle
 RT excitation functions
 RT feshbach-weisskopf model
 RT form factors
 RT g matrix
 RT giant resonance
 RT hauser-feshbach theory
 RT hot atom chemistry
 RT impact parameter
 RT integral cross sections
 RT intermediate resonance
 RT intermediate structure
 RT jackson model
 RT k matrix
 RT lane-robson theory
 RT lewis peak
 RT longitudinal momentum
 RT nuclear reaction kinetics
 RT nuclear reaction yield
 RT oppenheimer-phillips process
 RT polarized products
 RT prompt gamma radiation
 RT proximity scattering
 RT r matrix
 RT reaction product transport systems
 RT reich-moore formula
 RT rescattering
 RT scattering
 RT shadow effect
 RT skyrme potential
 RT spectroscopic factors
 RT strangeness analog resonances
 RT targets
 RT threshold energy
 RT transverse energy
 RT transverse momentum
 RT valency model
 RT yang theorem

nuclear reactors

USE reactors

nuclear regulatory authority of the slovak republic

2002-12-17

USE ujd

nuclear research centre, tehran

INIS: 1976-10-07; ETDE: 2002-04-17

USE tehran nuclear research centre

nuclear safety

USE radiation protection

nuclear safety convention

1999-12-23

USE international convention on nuclear safety

nuclear safety culture

2003-01-17

USE safety culture

nuclear safety facility-rfp reactor

1993-11-09

USE nsf-rfp reactor

NUCLEAR SAFETY PILOT PLANT

UF nspp

BT1 reactor safety experiments

nuclear safety research reactor (japan)

INIS: 1993-11-09; ETDE: 1976-05-19

USE nsrr reactor

nuclear science center reactor texas

1993-11-09

USE nscr reactor

NUCLEAR SCREENING

UF screening (nuclear)

RT coulomb field

RT effective charge

nuclear ship arktika reactor

INIS: 2000-04-12; ETDE: 1994-09-12

USE leonid brezhnev reactor

nuclear ship lenin reactor

2000-04-12

USE lenin reactor

nuclear ship leonid brezhnev reactor

INIS: 1993-11-09; ETDE: 1994-09-12

USE leonid brezhnev reactor

nuclear ship mutsu reactor

2000-04-12

USE mutsu reactor

nuclear ship operation liability convention, brussels

INIS: 1993-11-09; ETDE: 2002-04-17

Brussels Convention on Liability for Operation of NuclearShips.

USE bcolons

nuclear ship otto hahn reactor

1993-11-09

USE otto hahn reactor

nuclear ship savannah reactor

2000-04-12

USE savannah reactor

nuclear ship sibir reactor

INIS: 1985-09-09; ETDE: 2002-04-17

USE sibir reactor

NUCLEAR SHIP VISITS

INIS: 1976-12-08; ETDE: 1981-04-17

RT bcolons

RT maritime laws

RT nuclear ships

RT territorial waters

RT transport regulations

NUCLEAR SHIPS

BT1 ships

NT1 ns 50 let pobedy

NT2 ok-900a reactors

NT1 ns enrico fermi

NT1 ns lenin

NT1 ns leonid brezhnev

NT1 ns sevmorput

NT1 ns sibir

NT1 ns taymyr

NT1 ns vaygach

NT1 ns yamal

NT1 nuclear merchant ships

NT2 ns mutsu

NT2 ns otto hahn

NT2 ns savannah

RT bcolons

RT nuclear ship visits

RT ship propulsion reactors

RT solas convention

RT submarines

NUCLEAR SPECIFIC HEAT

1976-03-17

Contribution to specific heat by lattice vibrations.

*BT1 specific heat

RT electronic specific heat

RT lattice vibrations

nuclear spin resonance

USE nuclear magnetic resonance

NUCLEAR STRUCTURE

1995-07-03

RT backbending

RT belyaev theory

RT energy levels

RT even-even nuclei

RT even-odd nuclei

RT generator-coordinate method

RT hartree-fock-bogolyubov theory

RT hartree-fock method

RT heavy nuclei

RT interacting boson model

RT intermediate mass nuclei

RT k-harmonics method

RT light nuclei

RT magic nuclei

RT nuclear cores

RT nuclear halos

RT nuclear models

RT nuclear properties

RT nuclear radii

RT nuclei

RT odd-even nuclei

RT odd-odd nuclei

RT particle-core coupling model

RT quartet model

RT yrast states

NUCLEAR SUPERHEATING

*BT1 superheating

NUCLEAR TEMPERATURE

UF temperature (nuclear)

RT energy

RT evaporation model

RT nuclei

nuclear test reactor general electric company

1993-11-09

USE ntr reactor

NUCLEAR TEST SITES

1999-01-25

NT1 azgir test site

NT1 nevada test site

NT1 semipalatinsk test site

RT nuclear explosions

RT nuclear weapons

NUCLEAR THEORY

NT1 hauser-feshbach theory

RT broken-pair approximation

RT nuclear physics

NUCLEAR TRADE

INIS: 1976-12-08; ETDE: 1978-03-08

Trade or commerce involving special nuclear material or any other radioactive materials, instruments, equipment, plants, etc., of nuclear interest.

UF commerce (nuclear)

UF trade (nuclear)

BT1 trade

RT economic development

RT economic policy

RT nuclear materials possession

RT transport

nuclear transmutation

USE transmutation

NUCLEAR WASTE POLICY ACTS

INIS: 1985-07-22; ETDE: 1984-06-29

For legislation of any country relating to the handling of nuclear radioactive wastes.

UF radioactive waste policy acts

*BT1 atomic energy laws

*BT1 waste disposal acts
 RT high-level radioactive wastes
 RT low-level radioactive wastes
 RT radioactive waste disposal
 RT radioactive wastes
 RT spent fuel storage
 RT spent fuels

nuclear wastes

INIS: 2000-04-12; ETDE: 1979-11-23
 USE radioactive wastes

nuclear weapon tests

USE nuclear explosions

NUCLEAR WEAPONS

1998-06-10

(Prior to August 1996 TUMBLER PROJECT was a valid ETDE descriptor.)

UF atomic bombs
 UF atomic weapons
 UF nuclear attacks
 UF thermonuclear weapons
 SF tumbler project
 BT1 weapons
 NT1 enhanced radiation weapons
 NT1 little boy
 RT azgir test site
 RT ballistic missile defense
 RT bangkok treaty
 RT castle project
 RT civil defense
 RT ctb
 RT ctbto
 RT fallout
 RT fmct
 RT hiroshima
 RT local fallout
 RT manhattan project
 RT nagasaki
 RT national defense
 RT nevada test site
 RT non-proliferation policy
 RT nuclear deterrence
 RT nuclear disarmament
 RT nuclear explosions
 RT nuclear test sites
 RT nuclear winter
 RT overpressure
 RT pelindaba treaty
 RT plumbbob project
 RT projectiles
 RT rarotonga treaty
 RT redwing project
 RT semipalatinsk test site
 RT shelters
 RT teapot project
 RT tlalolco treaty
 RT unidir

nuclear weapons, latin american prohibition treaty

INIS: 1993-11-09; ETDE: 2002-04-17
 USE tlalolco treaty

NUCLEAR WEAPONS

DISMANTLEMENT

1994-09-30

The program for disassembly of nuclear weapons and the destruction, conversion or storage of their constituent materials, including the plutonium or highly enriched uranium.

UF dismantlement (nuclear weapons)
 RT arms control
 RT non-proliferation policy
 RT nuclear disarmament
 RT nuclear materials management
 RT proliferation

nuclear weapons proliferation

INIS: 1978-02-23; ETDE: 1978-04-27
 USE proliferation

NUCLEAR WINTER

INIS: 1986-09-26; ETDE: 1985-05-31

The atmospheric effects resulting from nuclear war. The major effect is considered to be a hemispheric temperature drop to as low as -40 deg C lasting several months.

RT ambient temperature
 RT climates
 RT environmental impacts
 RT nuclear explosions
 RT nuclear weapons

nuclease (deoxyribonuclease)

USE dna-ase

nuclease (ribonuclease)

USE rna-ase

NUCLEASES

*BT1 phosphodiesterases
 NT1 dna-ase
 NT2 endonucleases
 NT1 rna-ase
 RT micrococcus luteus
 RT nucleic acids
 RT nucleoproteins

NUCLEATE BOILING

*BT1 boiling
 NT1 departure nucleate boiling
 RT heat transfer
 RT nucleation

NUCLEATION

RT crystal growth
 RT crystallization
 RT nucleate boiling

NUCLEBRAS

INIS: 1977-03-29; ETDE: 1977-06-03
 *BT1 brazilian organizations

NUCLEI

NT1 antinuclei
 NT2 antideuterons
 NT2 antiprotons
 NT2 antitritons
 NT1 cosmic nuclei
 NT1 deformed nuclei
 NT2 superdeformed nuclei
 NT1 even-even nuclei
 NT2 argon 30
 NT2 argon 32
 NT2 argon 34
 NT2 argon 36
 NT2 argon 38
 NT2 argon 40
 NT2 argon 42
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 NT2 argon 46
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 NT2 argon 52
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 NT2 barium 116
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 NT2 beryllium 14
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 NT2 beryllium 6
 NT2 beryllium 8
 NT2 cadmium 100
 NT2 cadmium 102
 NT2 cadmium 104
 NT2 cadmium 106
 NT2 cadmium 108
 NT2 cadmium 110
 NT2 cadmium 112
 NT2 cadmium 114
 NT2 cadmium 116
 NT2 cadmium 118
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 NT2 cadmium 96
 NT2 cadmium 98
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 NT2 calcium 36
 NT2 calcium 38
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 NT2 carbon 14
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 NT2 carbon 22
 NT2 carbon 8
 NT2 cerium 120
 NT2 cerium 122
 NT2 cerium 124
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NT2	cerium 150	NT2	fermium 260	NT2	iron 64
NT2	cerium 152	NT2	fermium 264	NT2	iron 66
NT2	cerium 154	NT2	flerovium 286	NT2	iron 68
NT2	cerium 156	NT2	flerovium 288	NT2	iron 70
NT2	chromium 42	NT2	flerovium 292	NT2	iron 72
NT2	chromium 44	NT2	gadolinium 134	NT2	krypton 100
NT2	chromium 46	NT2	gadolinium 136	NT2	krypton 70
NT2	chromium 48	NT2	gadolinium 138	NT2	krypton 72
NT2	chromium 50	NT2	gadolinium 140	NT2	krypton 74
NT2	chromium 52	NT2	gadolinium 142	NT2	krypton 76
NT2	chromium 54	NT2	gadolinium 144	NT2	krypton 78
NT2	chromium 56	NT2	gadolinium 146	NT2	krypton 80
NT2	chromium 58	NT2	gadolinium 148	NT2	krypton 82
NT2	chromium 60	NT2	gadolinium 150	NT2	krypton 84
NT2	chromium 62	NT2	gadolinium 152	NT2	krypton 86
NT2	chromium 64	NT2	gadolinium 154	NT2	krypton 88
NT2	chromium 66	NT2	gadolinium 156	NT2	krypton 90
NT2	chromium 68	NT2	gadolinium 158	NT2	krypton 92
NT2	copernicium 278	NT2	gadolinium 160	NT2	krypton 94
NT2	copernicium 282	NT2	gadolinium 162	NT2	krypton 96
NT2	copernicium 284	NT2	gadolinium 164	NT2	krypton 98
NT2	curium 232	NT2	gadolinium 166	NT2	lead 178
NT2	curium 234	NT2	gadolinium 168	NT2	lead 180
NT2	curium 236	NT2	germanium 58	NT2	lead 182
NT2	curium 238	NT2	germanium 60	NT2	lead 184
NT2	curium 240	NT2	germanium 62	NT2	lead 186
NT2	curium 242	NT2	germanium 64	NT2	lead 188
NT2	curium 244	NT2	germanium 66	NT2	lead 190
NT2	curium 246	NT2	germanium 68	NT2	lead 192
NT2	curium 248	NT2	germanium 70	NT2	lead 194
NT2	curium 250	NT2	germanium 72	NT2	lead 196
NT2	curium 252	NT2	germanium 74	NT2	lead 198
NT2	darmstadtium 270	NT2	germanium 76	NT2	lead 200
NT2	darmstadtium 272	NT2	germanium 78	NT2	lead 202
NT2	dysprosium 138	NT2	germanium 80	NT2	lead 204
NT2	dysprosium 140	NT2	germanium 82	NT2	lead 206
NT2	dysprosium 142	NT2	germanium 84	NT2	lead 208
NT2	dysprosium 144	NT2	germanium 86	NT2	lead 210
NT2	dysprosium 146	NT2	germanium 88	NT2	lead 212
NT2	dysprosium 148	NT2	hafnium 154	NT2	lead 214
NT2	dysprosium 150	NT2	hafnium 156	NT2	lead 216
NT2	dysprosium 152	NT2	hafnium 158	NT2	livermorium 290
NT2	dysprosium 154	NT2	hafnium 160	NT2	livermorium 292
NT2	dysprosium 156	NT2	hafnium 162	NT2	magnesium 20
NT2	dysprosium 158	NT2	hafnium 164	NT2	magnesium 22
NT2	dysprosium 160	NT2	hafnium 166	NT2	magnesium 24
NT2	dysprosium 162	NT2	hafnium 168	NT2	magnesium 26
NT2	dysprosium 164	NT2	hafnium 170	NT2	magnesium 28
NT2	dysprosium 166	NT2	hafnium 172	NT2	magnesium 30
NT2	dysprosium 168	NT2	hafnium 174	NT2	magnesium 32
NT2	dysprosium 170	NT2	hafnium 176	NT2	magnesium 34
NT2	dysprosium 172	NT2	hafnium 178	NT2	magnesium 36
NT2	element 124 312	NT2	hafnium 180	NT2	magnesium 38
NT2	erbium 144	NT2	hafnium 182	NT2	magnesium 40
NT2	erbium 146	NT2	hafnium 184	NT2	mercury 172
NT2	erbium 148	NT2	hafnium 186	NT2	mercury 174
NT2	erbium 150	NT2	hafnium 188	NT2	mercury 176
NT2	erbium 152	NT2	hassium 264	NT2	mercury 178
NT2	erbium 154	NT2	hassium 266	NT2	mercury 180
NT2	erbium 156	NT2	hassium 270	NT2	mercury 182
NT2	erbium 158	NT2	hassium 272	NT2	mercury 184
NT2	erbium 160	NT2	hassium 274	NT2	mercury 186
NT2	erbium 162	NT2	hassium 276	NT2	mercury 188
NT2	erbium 164	NT2	helium 10	NT2	mercury 190
NT2	erbium 166	NT2	helium 2	NT2	mercury 192
NT2	erbium 168	NT2	helium 4	NT2	mercury 194
NT2	erbium 170	NT3	helium i	NT2	mercury 196
NT2	erbium 172	NT3	helium ii	NT2	mercury 198
NT2	erbium 174	NT2	helium 6	NT2	mercury 200
NT2	erbium 176	NT2	helium 8	NT2	mercury 202
NT2	fermium 242	NT2	iron 46	NT2	mercury 204
NT2	fermium 244	NT2	iron 48	NT2	mercury 206
NT2	fermium 246	NT2	iron 50	NT2	mercury 208
NT2	fermium 248	NT2	iron 52	NT2	mercury 210
NT2	fermium 250	NT2	iron 54	NT2	mercury 212
NT2	fermium 252	NT2	iron 56	NT2	molybdenum 100
NT2	fermium 254	NT2	iron 58	NT2	molybdenum 102
NT2	fermium 256	NT2	iron 60	NT2	molybdenum 104
NT2	fermium 258	NT2	iron 62	NT2	molybdenum 106

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NT2	vanadium 63	NT2	zinc 57	NT2	aluminium 36
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NT2	vanadium 65	NT2	zinc 59	NT2	aluminium 38
NT2	vanadium 66	NT2	zinc 60	NT2	aluminium 39
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NT2	xenon 117	NT2	zinc 69	NT2	argon 37
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NT2	xenon 120	NT2	zinc 72	NT2	argon 40
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NT2	xenon 122	NT2	zinc 74	NT2	beryllium 11
NT2	xenon 123	NT2	zinc 75	NT2	beryllium 12
NT2	xenon 124	NT2	zinc 76	NT2	beryllium 13
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NT2	xenon 129	NT2	zinc 81	NT2	beryllium 6
NT2	xenon 130	NT2	zinc 82	NT2	beryllium 7
NT2	xenon 131	NT2	zinc 83	NT2	beryllium 8
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NT2	xenon 146	NT2	zirconium 81	NT2	boron 9
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NT2	yttrium 85	NT1	isomeric nuclei	NT2	carbon 22
NT2	yttrium 86	NT1	isotonic nuclei	NT2	carbon 8
NT2	yttrium 87	NT1	light nuclei	NT2	carbon 9
NT2	yttrium 88	NT2	aluminium 21	NT2	chlorine 28
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NT2	yttrium 92	NT2	aluminium 25	NT2	chlorine 32
NT2	yttrium 93	NT2	aluminium 26	NT2	chlorine 33
NT2	yttrium 94	NT2	aluminium 27	NT2	chlorine 34
NT2	yttrium 95	NT2	aluminium 28	NT2	chlorine 35
NT2	yttrium 96	NT2	aluminium 29	NT2	chlorine 36
NT2	yttrium 97	NT2	aluminium 30	NT2	chlorine 37
NT2	yttrium 98	NT2	aluminium 31	NT2	chlorine 38
NT2	yttrium 99	NT2	aluminium 32	NT2	chlorine 39

NT2 chlorine 40
 NT2 deuterium
 NT2 fluorine 14
 NT2 fluorine 15
 NT2 fluorine 16
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 NT2 fluorine 18
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 NT2 fluorine 31
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 NT2 helium 2
 NT2 helium 3
 NT3 helium 3 a
 NT3 helium 3 a1
 NT3 helium 3 b
 NT2 helium 4
 NT3 helium i
 NT3 helium ii
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 NT2 titanium 38
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 NT2 titanium 40
 NT2 tritium
 NT2 vanadium 40
 NT1 magic nuclei
 NT1 mirror nuclei
 NT1 odd-even nuclei
 NT2 actinium 207
 NT2 actinium 209
 NT2 actinium 211
 NT2 actinium 213
 NT2 actinium 215
 NT2 actinium 217
 NT2 actinium 219
 NT2 actinium 221
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 NT2 aluminium 21
 NT2 aluminium 23
 NT2 aluminium 25
 NT2 aluminium 27

NT2	aluminium 29	NT2	bismuth 185	NT2	cobalt 49
NT2	aluminium 31	NT2	bismuth 187	NT2	cobalt 51
NT2	aluminium 33	NT2	bismuth 189	NT2	cobalt 53
NT2	aluminium 35	NT2	bismuth 191	NT2	cobalt 55
NT2	aluminium 37	NT2	bismuth 193	NT2	cobalt 57
NT2	aluminium 39	NT2	bismuth 195	NT2	cobalt 59
NT2	aluminium 41	NT2	bismuth 197	NT2	cobalt 61
NT2	americium 231	NT2	bismuth 199	NT2	cobalt 63
NT2	americium 233	NT2	bismuth 201	NT2	cobalt 65
NT2	americium 235	NT2	bismuth 203	NT2	cobalt 67
NT2	americium 237	NT2	bismuth 205	NT2	cobalt 69
NT2	americium 239	NT2	bismuth 207	NT2	cobalt 71
NT2	americium 241	NT2	bismuth 209	NT2	cobalt 73
NT2	americium 243	NT2	bismuth 211	NT2	cobalt 75
NT2	americium 245	NT2	bismuth 213	NT2	copper 53
NT2	americium 247	NT2	bismuth 215	NT2	copper 55
NT2	americium 249	NT2	bismuth 217	NT2	copper 57
NT2	antimony 103	NT2	bohrium 261	NT2	copper 59
NT2	antimony 105	NT2	bohrium 263	NT2	copper 61
NT2	antimony 107	NT2	bohrium 265	NT2	copper 63
NT2	antimony 109	NT2	bohrium 267	NT2	copper 65
NT2	antimony 111	NT2	bohrium 271	NT2	copper 67
NT2	antimony 113	NT2	bohrium 273	NT2	copper 69
NT2	antimony 115	NT2	bohrium 275	NT2	copper 71
NT2	antimony 117	NT2	boron 11	NT2	copper 73
NT2	antimony 119	NT2	boron 13	NT2	copper 75
NT2	antimony 121	NT2	boron 15	NT2	copper 77
NT2	antimony 123	NT2	boron 17	NT2	copper 79
NT2	antimony 125	NT2	boron 19	NT2	dubnium 255
NT2	antimony 127	NT2	boron 7	NT2	dubnium 257
NT2	antimony 129	NT2	boron 9	NT2	dubnium 259
NT2	antimony 131	NT2	bromine 67	NT2	dubnium 261
NT2	antimony 133	NT2	bromine 69	NT2	dubnium 263
NT2	antimony 135	NT2	bromine 71	NT2	dubnium 265
NT2	antimony 137	NT2	bromine 73	NT2	dubnium 267
NT2	antimony 139	NT2	bromine 75	NT2	dubnium 269
NT2	arsenic 61	NT2	bromine 77	NT2	einsteinium 241
NT2	arsenic 63	NT2	bromine 79	NT2	einsteinium 243
NT2	arsenic 65	NT2	bromine 81	NT2	einsteinium 245
NT2	arsenic 67	NT2	bromine 83	NT2	einsteinium 247
NT2	arsenic 69	NT2	bromine 85	NT2	einsteinium 249
NT2	arsenic 71	NT2	bromine 87	NT2	einsteinium 251
NT2	arsenic 73	NT2	bromine 89	NT2	einsteinium 253
NT2	arsenic 75	NT2	bromine 91	NT2	einsteinium 255
NT2	arsenic 77	NT2	bromine 93	NT2	einsteinium 257
NT2	arsenic 79	NT2	bromine 95	NT2	europium 131
NT2	arsenic 81	NT2	bromine 97	NT2	europium 133
NT2	arsenic 83	NT2	cesium 113	NT2	europium 135
NT2	arsenic 85	NT2	cesium 115	NT2	europium 137
NT2	arsenic 87	NT2	cesium 117	NT2	europium 139
NT2	arsenic 89	NT2	cesium 119	NT2	europium 141
NT2	arsenic 91	NT2	cesium 121	NT2	europium 143
NT2	astatine 191	NT2	cesium 123	NT2	europium 145
NT2	astatine 193	NT2	cesium 125	NT2	europium 147
NT2	astatine 195	NT2	cesium 127	NT2	europium 149
NT2	astatine 197	NT2	cesium 129	NT2	europium 151
NT2	astatine 199	NT2	cesium 131	NT2	europium 153
NT2	astatine 201	NT2	cesium 133	NT2	europium 155
NT2	astatine 203	NT2	cesium 135	NT2	europium 157
NT2	astatine 205	NT2	cesium 137	NT2	europium 159
NT2	astatine 207	NT2	cesium 139	NT2	europium 161
NT2	astatine 209	NT2	cesium 141	NT2	europium 163
NT2	astatine 211	NT2	cesium 143	NT2	europium 165
NT2	astatine 213	NT2	cesium 145	NT2	europium 167
NT2	astatine 215	NT2	cesium 147	NT2	fluorine 15
NT2	astatine 217	NT2	cesium 149	NT2	fluorine 17
NT2	astatine 219	NT2	cesium 151	NT2	fluorine 19
NT2	astatine 221	NT2	chlorine 29	NT2	fluorine 21
NT2	astatine 223	NT2	chlorine 31	NT2	fluorine 23
NT2	berkelium 235	NT2	chlorine 33	NT2	fluorine 25
NT2	berkelium 237	NT2	chlorine 35	NT2	fluorine 27
NT2	berkelium 239	NT2	chlorine 37	NT2	fluorine 29
NT2	berkelium 241	NT2	chlorine 39	NT2	fluorine 31
NT2	berkelium 243	NT2	chlorine 41	NT2	francium 199
NT2	berkelium 245	NT2	chlorine 43	NT2	francium 201
NT2	berkelium 247	NT2	chlorine 45	NT2	francium 203
NT2	berkelium 249	NT2	chlorine 47	NT2	francium 205
NT2	berkelium 251	NT2	chlorine 49	NT2	francium 207
NT2	berkelium 253	NT2	chlorine 51	NT2	francium 209

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 NT2 lithium 9
 NT2 lutetium 151
 NT2 lutetium 153

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 NT2 lutetium 187
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 NT2 moscovium 287
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 NT2 neptunium 225
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 NT2 neptunium 243
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 NT2 niobium 101
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 NT2 niobium 97
 NT2 niobium 99
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 NT2 nitrogen 13
 NT2 nitrogen 15
 NT2 nitrogen 17

NT2	nitrogen 19	NT2	protactinium 237	NT2	silver 119
NT2	nitrogen 21	NT2	protactinium 239	NT2	silver 121
NT2	nitrogen 23	NT2	rhenium 159	NT2	silver 123
NT2	nitrogen 25	NT2	rhenium 161	NT2	silver 125
NT2	phosphorus 21	NT2	rhenium 163	NT2	silver 127
NT2	phosphorus 25	NT2	rhenium 165	NT2	silver 129
NT2	phosphorus 27	NT2	rhenium 167	NT2	silver 93
NT2	phosphorus 29	NT2	rhenium 169	NT2	silver 95
NT2	phosphorus 31	NT2	rhenium 171	NT2	silver 97
NT2	phosphorus 33	NT2	rhenium 173	NT2	silver 99
NT2	phosphorus 35	NT2	rhenium 175	NT2	sodium 19
NT2	phosphorus 37	NT2	rhenium 177	NT2	sodium 21
NT2	phosphorus 39	NT2	rhenium 179	NT2	sodium 23
NT2	phosphorus 41	NT2	rhenium 181	NT2	sodium 25
NT2	phosphorus 43	NT2	rhenium 183	NT2	sodium 27
NT2	phosphorus 45	NT2	rhenium 185	NT2	sodium 29
NT2	potassium 33	NT2	rhenium 187	NT2	sodium 31
NT2	potassium 35	NT2	rhenium 189	NT2	sodium 33
NT2	potassium 37	NT2	rhenium 191	NT2	sodium 35
NT2	potassium 39	NT2	rhenium 193	NT2	sodium 37
NT2	potassium 41	NT2	rhenium 195	NT2	tantalum 155
NT2	potassium 43	NT2	rhodium 101	NT2	tantalum 157
NT2	potassium 45	NT2	rhodium 103	NT2	tantalum 159
NT2	potassium 47	NT2	rhodium 105	NT2	tantalum 161
NT2	potassium 49	NT2	rhodium 107	NT2	tantalum 163
NT2	potassium 51	NT2	rhodium 109	NT2	tantalum 165
NT2	potassium 53	NT2	rhodium 111	NT2	tantalum 167
NT2	potassium 55	NT2	rhodium 113	NT2	tantalum 169
NT2	praseodymium 121	NT2	rhodium 115	NT2	tantalum 171
NT2	praseodymium 123	NT2	rhodium 117	NT2	tantalum 173
NT2	praseodymium 125	NT2	rhodium 119	NT2	tantalum 175
NT2	praseodymium 127	NT2	rhodium 121	NT2	tantalum 177
NT2	praseodymium 129	NT2	rhodium 89	NT2	tantalum 179
NT2	praseodymium 131	NT2	rhodium 91	NT2	tantalum 181
NT2	praseodymium 133	NT2	rhodium 93	NT2	tantalum 183
NT2	praseodymium 135	NT2	rhodium 95	NT2	tantalum 185
NT2	praseodymium 137	NT2	rhodium 97	NT2	tantalum 187
NT2	praseodymium 139	NT2	rhodium 99	NT2	tantalum 189
NT2	praseodymium 141	NT2	roentgenium 273	NT2	technetium 101
NT2	praseodymium 143	NT2	roentgenium 279	NT2	technetium 103
NT2	praseodymium 145	NT2	rubidium 101	NT2	technetium 105
NT2	praseodymium 147	NT2	rubidium 103	NT2	technetium 107
NT2	praseodymium 149	NT2	rubidium 71	NT2	technetium 109
NT2	praseodymium 151	NT2	rubidium 73	NT2	technetium 111
NT2	praseodymium 153	NT2	rubidium 75	NT2	technetium 113
NT2	praseodymium 155	NT2	rubidium 77	NT2	technetium 115
NT2	praseodymium 157	NT2	rubidium 79	NT2	technetium 117
NT2	praseodymium 159	NT2	rubidium 81	NT2	technetium 85
NT2	promethium 127	NT2	rubidium 83	NT2	technetium 87
NT2	promethium 129	NT2	rubidium 85	NT2	technetium 89
NT2	promethium 131	NT2	rubidium 87	NT2	technetium 91
NT2	promethium 133	NT2	rubidium 89	NT2	technetium 93
NT2	promethium 135	NT2	rubidium 91	NT2	technetium 95
NT2	promethium 137	NT2	rubidium 93	NT2	technetium 97
NT2	promethium 139	NT2	rubidium 95	NT2	technetium 99
NT2	promethium 141	NT2	rubidium 97	NT2	terbium 135
NT2	promethium 143	NT2	rubidium 99	NT2	terbium 137
NT2	promethium 145	NT2	scandium 37	NT2	terbium 139
NT2	promethium 147	NT2	scandium 39	NT2	terbium 141
NT2	promethium 149	NT2	scandium 41	NT2	terbium 143
NT2	promethium 151	NT2	scandium 43	NT2	terbium 145
NT2	promethium 153	NT2	scandium 45	NT2	terbium 147
NT2	promethium 155	NT2	scandium 47	NT2	terbium 149
NT2	promethium 157	NT2	scandium 49	NT2	terbium 151
NT2	promethium 159	NT2	scandium 51	NT2	terbium 153
NT2	promethium 161	NT2	scandium 53	NT2	terbium 155
NT2	promethium 163	NT2	scandium 55	NT2	terbium 157
NT2	protactinium 213	NT2	scandium 57	NT2	terbium 159
NT2	protactinium 215	NT2	scandium 59	NT2	terbium 161
NT2	protactinium 217	NT2	scandium 61	NT2	terbium 163
NT2	protactinium 219	NT2	silver 101	NT2	terbium 165
NT2	protactinium 221	NT2	silver 103	NT2	terbium 167
NT2	protactinium 223	NT2	silver 105	NT2	terbium 169
NT2	protactinium 225	NT2	silver 107	NT2	terbium 171
NT2	protactinium 227	NT2	silver 109	NT2	thallium 177
NT2	protactinium 229	NT2	silver 111	NT2	thallium 179
NT2	protactinium 231	NT2	silver 113	NT2	thallium 181
NT2	protactinium 233	NT2	silver 115	NT2	thallium 183
NT2	protactinium 235	NT2	silver 117	NT2	thallium 185

NT2	thallium 187	NT2	aluminium 24	NT2	berkelium 254
NT2	thallium 189	NT2	aluminium 26	NT2	bismuth 184
NT2	thallium 191	NT2	aluminium 28	NT2	bismuth 186
NT2	thallium 193	NT2	aluminium 30	NT2	bismuth 188
NT2	thallium 195	NT2	aluminium 32	NT2	bismuth 190
NT2	thallium 197	NT2	aluminium 34	NT2	bismuth 192
NT2	thallium 199	NT2	aluminium 36	NT2	bismuth 194
NT2	thallium 201	NT2	aluminium 38	NT2	bismuth 196
NT2	thallium 203	NT2	aluminium 40	NT2	bismuth 198
NT2	thallium 205	NT2	aluminium 42	NT2	bismuth 200
NT2	thallium 207	NT2	americium 232	NT2	bismuth 202
NT2	thallium 209	NT2	americium 234	NT2	bismuth 204
NT2	thallium 211	NT2	americium 236	NT2	bismuth 206
NT2	thulium 145	NT2	americium 238	NT2	bismuth 208
NT2	thulium 147	NT2	americium 240	NT2	bismuth 210
NT2	thulium 149	NT2	americium 242	NT2	bismuth 212
NT2	thulium 151	NT2	americium 244	NT2	bismuth 214
NT2	thulium 153	NT2	americium 246	NT2	bismuth 216
NT2	thulium 155	NT2	americium 248	NT2	bismuth 218
NT2	thulium 157	NT2	antimony 104	NT2	bohrium 260
NT2	thulium 159	NT2	antimony 106	NT2	bohrium 262
NT2	thulium 161	NT2	antimony 108	NT2	bohrium 264
NT2	thulium 163	NT2	antimony 110	NT2	bohrium 266
NT2	thulium 165	NT2	antimony 112	NT2	bohrium 272
NT2	thulium 167	NT2	antimony 114	NT2	bohrium 274
NT2	thulium 169	NT2	antimony 116	NT2	boron 10
NT2	thulium 171	NT2	antimony 118	NT2	boron 12
NT2	thulium 173	NT2	antimony 120	NT2	boron 14
NT2	thulium 175	NT2	antimony 122	NT2	boron 16
NT2	thulium 177	NT2	antimony 124	NT2	boron 18
NT2	thulium 179	NT2	antimony 126	NT2	boron 6
NT2	tritium	NT2	antimony 128	NT2	boron 8
NT2	vanadium 41	NT2	antimony 130	NT2	bromine 68
NT2	vanadium 43	NT2	antimony 132	NT2	bromine 70
NT2	vanadium 45	NT2	antimony 134	NT2	bromine 72
NT2	vanadium 47	NT2	antimony 136	NT2	bromine 74
NT2	vanadium 49	NT2	antimony 138	NT2	bromine 76
NT2	vanadium 51	NT2	arsenic 60	NT2	bromine 78
NT2	vanadium 53	NT2	arsenic 62	NT2	bromine 80
NT2	vanadium 55	NT2	arsenic 64	NT2	bromine 82
NT2	vanadium 57	NT2	arsenic 66	NT2	bromine 84
NT2	vanadium 59	NT2	arsenic 68	NT2	bromine 86
NT2	vanadium 61	NT2	arsenic 70	NT2	bromine 88
NT2	vanadium 63	NT2	arsenic 72	NT2	bromine 90
NT2	vanadium 65	NT2	arsenic 74	NT2	bromine 92
NT2	yttrium 101	NT2	arsenic 76	NT2	bromine 94
NT2	yttrium 103	NT2	arsenic 78	NT2	bromine 96
NT2	yttrium 105	NT2	arsenic 80	NT2	cesium 112
NT2	yttrium 107	NT2	arsenic 82	NT2	cesium 114
NT2	yttrium 77	NT2	arsenic 84	NT2	cesium 116
NT2	yttrium 79	NT2	arsenic 86	NT2	cesium 118
NT2	yttrium 81	NT2	arsenic 88	NT2	cesium 120
NT2	yttrium 83	NT2	arsenic 90	NT2	cesium 122
NT2	yttrium 85	NT2	arsenic 92	NT2	cesium 124
NT2	yttrium 87	NT2	astatine 192	NT2	cesium 126
NT2	yttrium 89	NT2	astatine 194	NT2	cesium 128
NT2	yttrium 91	NT2	astatine 196	NT2	cesium 130
NT2	yttrium 93	NT2	astatine 198	NT2	cesium 132
NT2	yttrium 95	NT2	astatine 200	NT2	cesium 134
NT2	yttrium 97	NT2	astatine 202	NT2	cesium 136
NT2	yttrium 99	NT2	astatine 204	NT2	cesium 138
NT1	odd-odd nuclei	NT2	astatine 206	NT2	cesium 140
NT2	actinium 206	NT2	astatine 208	NT2	cesium 142
NT2	actinium 208	NT2	astatine 210	NT2	cesium 144
NT2	actinium 210	NT2	astatine 212	NT2	cesium 146
NT2	actinium 212	NT2	astatine 214	NT2	cesium 148
NT2	actinium 214	NT2	astatine 216	NT2	cesium 150
NT2	actinium 216	NT2	astatine 218	NT2	chlorine 28
NT2	actinium 218	NT2	astatine 220	NT2	chlorine 30
NT2	actinium 220	NT2	astatine 222	NT2	chlorine 32
NT2	actinium 222	NT2	berkelium 236	NT2	chlorine 34
NT2	actinium 224	NT2	berkelium 238	NT2	chlorine 36
NT2	actinium 226	NT2	berkelium 240	NT2	chlorine 38
NT2	actinium 228	NT2	berkelium 242	NT2	chlorine 40
NT2	actinium 230	NT2	berkelium 244	NT2	chlorine 42
NT2	actinium 232	NT2	berkelium 246	NT2	chlorine 44
NT2	actinium 234	NT2	berkelium 248	NT2	chlorine 46
NT2	actinium 236	NT2	berkelium 250	NT2	chlorine 48
NT2	aluminium 22	NT2	berkelium 252	NT2	chlorine 50

NT2	cobalt 50	NT2	francium 210	NT2	indium 126
NT2	cobalt 52	NT2	francium 212	NT2	indium 128
NT2	cobalt 54	NT2	francium 214	NT2	indium 130
NT2	cobalt 56	NT2	francium 216	NT2	indium 132
NT2	cobalt 58	NT2	francium 218	NT2	indium 134
NT2	cobalt 60	NT2	francium 220	NT2	indium 98
NT2	cobalt 62	NT2	francium 222	NT2	iodine 108
NT2	cobalt 64	NT2	francium 224	NT2	iodine 110
NT2	cobalt 66	NT2	francium 226	NT2	iodine 112
NT2	cobalt 68	NT2	francium 228	NT2	iodine 114
NT2	cobalt 70	NT2	francium 230	NT2	iodine 116
NT2	cobalt 72	NT2	francium 232	NT2	iodine 118
NT2	cobalt 74	NT2	gallium 56	NT2	iodine 120
NT2	copper 52	NT2	gallium 58	NT2	iodine 122
NT2	copper 54	NT2	gallium 60	NT2	iodine 124
NT2	copper 56	NT2	gallium 62	NT2	iodine 126
NT2	copper 58	NT2	gallium 64	NT2	iodine 128
NT2	copper 60	NT2	gallium 66	NT2	iodine 130
NT2	copper 62	NT2	gallium 68	NT2	iodine 132
NT2	copper 64	NT2	gallium 70	NT2	iodine 134
NT2	copper 66	NT2	gallium 72	NT2	iodine 136
NT2	copper 68	NT2	gallium 74	NT2	iodine 138
NT2	copper 70	NT2	gallium 76	NT2	iodine 140
NT2	copper 72	NT2	gallium 78	NT2	iodine 142
NT2	copper 74	NT2	gallium 80	NT2	iodine 144
NT2	copper 76	NT2	gallium 82	NT2	iridium 164
NT2	copper 78	NT2	gallium 84	NT2	iridium 166
NT2	copper 80	NT2	gallium 86	NT2	iridium 168
NT2	deuterium	NT2	gold 170	NT2	iridium 170
NT2	dubnium 256	NT2	gold 172	NT2	iridium 172
NT2	dubnium 258	NT2	gold 174	NT2	iridium 174
NT2	dubnium 260	NT2	gold 176	NT2	iridium 176
NT2	dubnium 262	NT2	gold 178	NT2	iridium 178
NT2	dubnium 264	NT2	gold 180	NT2	iridium 180
NT2	dubnium 266	NT2	gold 182	NT2	iridium 182
NT2	dubnium 268	NT2	gold 184	NT2	iridium 184
NT2	einsteinium 240	NT2	gold 186	NT2	iridium 186
NT2	einsteinium 242	NT2	gold 188	NT2	iridium 188
NT2	einsteinium 244	NT2	gold 190	NT2	iridium 190
NT2	einsteinium 246	NT2	gold 192	NT2	iridium 192
NT2	einsteinium 248	NT2	gold 194	NT2	iridium 194
NT2	einsteinium 250	NT2	gold 196	NT2	iridium 196
NT2	einsteinium 252	NT2	gold 198	NT2	iridium 198
NT2	einsteinium 254	NT2	gold 200	NT2	iridium 202
NT2	einsteinium 256	NT2	gold 202	NT2	lanthanum 118
NT2	einsteinium 258	NT2	gold 204	NT2	lanthanum 120
NT2	europium 130	NT2	holmium 140	NT2	lanthanum 122
NT2	europium 132	NT2	holmium 142	NT2	lanthanum 124
NT2	europium 134	NT2	holmium 144	NT2	lanthanum 126
NT2	europium 136	NT2	holmium 146	NT2	lanthanum 128
NT2	europium 138	NT2	holmium 148	NT2	lanthanum 130
NT2	europium 140	NT2	holmium 150	NT2	lanthanum 132
NT2	europium 142	NT2	holmium 152	NT2	lanthanum 134
NT2	europium 144	NT2	holmium 154	NT2	lanthanum 136
NT2	europium 146	NT2	holmium 156	NT2	lanthanum 138
NT2	europium 148	NT2	holmium 158	NT2	lanthanum 140
NT2	europium 150	NT2	holmium 160	NT2	lanthanum 142
NT2	europium 152	NT2	holmium 162	NT2	lanthanum 144
NT2	europium 154	NT2	holmium 164	NT2	lanthanum 146
NT2	europium 156	NT2	holmium 166	NT2	lanthanum 148
NT2	europium 158	NT2	holmium 168	NT2	lanthanum 150
NT2	europium 160	NT2	holmium 170	NT2	lanthanum 152
NT2	europium 162	NT2	holmium 172	NT2	lanthanum 154
NT2	europium 164	NT2	holmium 174	NT2	lawrencium 252
NT2	europium 166	NT2	hydrogen 4	NT2	lawrencium 254
NT2	fluorine 14	NT2	hydrogen 6	NT2	lawrencium 256
NT2	fluorine 16	NT2	indium 100	NT2	lawrencium 258
NT2	fluorine 18	NT2	indium 102	NT2	lawrencium 260
NT2	fluorine 20	NT2	indium 104	NT2	lawrencium 262
NT2	fluorine 22	NT2	indium 106	NT2	lawrencium 264
NT2	fluorine 24	NT2	indium 108	NT2	lawrencium 266
NT2	fluorine 26	NT2	indium 110	NT2	lithium 10
NT2	fluorine 28	NT2	indium 112	NT2	lithium 12
NT2	fluorine 30	NT2	indium 114	NT2	lithium 4
NT2	francium 200	NT2	indium 116	NT2	lithium 6
NT2	francium 202	NT2	indium 118	NT2	lithium 8
NT2	francium 204	NT2	indium 120	NT2	lutetium 150
NT2	francium 206	NT2	indium 122	NT2	lutetium 152
NT2	francium 208	NT2	indium 124	NT2	lutetium 154

NT2 lutetium 156
 NT2 lutetium 158
 NT2 lutetium 160
 NT2 lutetium 162
 NT2 lutetium 164
 NT2 lutetium 166
 NT2 lutetium 168
 NT2 lutetium 170
 NT2 lutetium 172
 NT2 lutetium 174
 NT2 lutetium 176
 NT2 lutetium 178
 NT2 lutetium 180
 NT2 lutetium 182
 NT2 lutetium 184
 NT2 manganese 44
 NT2 manganese 46
 NT2 manganese 48
 NT2 manganese 50
 NT2 manganese 52
 NT2 manganese 54
 NT2 manganese 56
 NT2 manganese 58
 NT2 manganese 60
 NT2 manganese 62
 NT2 manganese 64
 NT2 manganese 66
 NT2 manganese 68
 NT2 manganese 70
 NT2 meitnerium 266
 NT2 meitnerium 268
 NT2 meitnerium 270
 NT2 meitnerium 272
 NT2 meitnerium 274
 NT2 meitnerium 276
 NT2 mendelevium 246
 NT2 mendelevium 248
 NT2 mendelevium 250
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 NT2 mendelevium 254
 NT2 mendelevium 256
 NT2 mendelevium 258
 NT2 mendelevium 260
 NT2 mendelevium 262
 NT2 neptunium 226
 NT2 neptunium 228
 NT2 neptunium 230
 NT2 neptunium 232
 NT2 neptunium 234
 NT2 neptunium 236
 NT2 neptunium 238
 NT2 neptunium 240
 NT2 neptunium 242
 NT2 neptunium 244
 NT2 nihonium 278
 NT2 niobium 100
 NT2 niobium 102
 NT2 niobium 104
 NT2 niobium 106
 NT2 niobium 108
 NT2 niobium 110
 NT2 niobium 112
 NT2 niobium 82
 NT2 niobium 84
 NT2 niobium 86
 NT2 niobium 88
 NT2 niobium 90
 NT2 niobium 92
 NT2 niobium 94
 NT2 niobium 96
 NT2 niobium 98
 NT2 nitrogen 10
 NT2 nitrogen 12
 NT2 nitrogen 14
 NT2 nitrogen 16
 NT2 nitrogen 18
 NT2 nitrogen 20
 NT2 nitrogen 22
 NT2 nitrogen 24

NT2 phosphorus 24
 NT2 phosphorus 26
 NT2 phosphorus 28
 NT2 phosphorus 30
 NT2 phosphorus 32
 NT2 phosphorus 34
 NT2 phosphorus 36
 NT2 phosphorus 38
 NT2 phosphorus 40
 NT2 phosphorus 42
 NT2 phosphorus 44
 NT2 phosphorus 46
 NT2 potassium 32
 NT2 potassium 34
 NT2 potassium 36
 NT2 potassium 38
 NT2 potassium 40
 NT2 potassium 42
 NT2 potassium 44
 NT2 potassium 46
 NT2 potassium 48
 NT2 potassium 50
 NT2 potassium 52
 NT2 potassium 54
 NT2 potassium 56
 NT2 praseodymium 122
 NT2 praseodymium 124
 NT2 praseodymium 126
 NT2 praseodymium 128
 NT2 praseodymium 130
 NT2 praseodymium 132
 NT2 praseodymium 134
 NT2 praseodymium 136
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 NT2 praseodymium 142
 NT2 praseodymium 144
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 NT2 praseodymium 148
 NT2 praseodymium 150
 NT2 praseodymium 152
 NT2 praseodymium 154
 NT2 praseodymium 156
 NT2 praseodymium 158
 NT2 promethium 126
 NT2 promethium 128
 NT2 promethium 130
 NT2 promethium 132
 NT2 promethium 134
 NT2 promethium 136
 NT2 promethium 138
 NT2 promethium 140
 NT2 promethium 142
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 NT2 promethium 150
 NT2 promethium 152
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 NT2 promethium 160
 NT2 promethium 162
 NT2 protactinium 212
 NT2 protactinium 214
 NT2 protactinium 216
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 NT2 protactinium 220
 NT2 protactinium 222
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 NT2 protactinium 226
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 NT2 protactinium 240
 NT2 rhenium 160

NT2 rhenium 162
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 NT2 rhenium 196
 NT2 rhodium 100
 NT2 rhodium 102
 NT2 rhodium 104
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 NT2 rhodium 122
 NT2 rhodium 90
 NT2 rhodium 92
 NT2 rhodium 94
 NT2 rhodium 96
 NT2 rhodium 98
 NT2 roentgenium 272
 NT2 roentgenium 274
 NT2 roentgenium 280
 NT2 rubidium 100
 NT2 rubidium 102
 NT2 rubidium 72
 NT2 rubidium 74
 NT2 rubidium 76
 NT2 rubidium 78
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 NT2 rubidium 82
 NT2 rubidium 84
 NT2 rubidium 86
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 NT2 rubidium 96
 NT2 rubidium 98
 NT2 scandium 36
 NT2 scandium 38
 NT2 scandium 40
 NT2 scandium 42
 NT2 scandium 44
 NT2 scandium 46
 NT2 scandium 48
 NT2 scandium 50
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 NT2 scandium 54
 NT2 scandium 56
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 NT2 scandium 60
 NT2 silver 100
 NT2 silver 102
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NT2 silver 124
 NT2 silver 126
 NT2 silver 128
 NT2 silver 130
 NT2 silver 94
 NT2 silver 96
 NT2 silver 98
 NT2 sodium 18
 NT2 sodium 20
 NT2 sodium 22
 NT2 sodium 24
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 NT2 sodium 30
 NT2 sodium 32
 NT2 sodium 34
 NT2 tantalum 156
 NT2 tantalum 158
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 NT2 tantalum 190
 NT2 technetium 100
 NT2 technetium 102
 NT2 technetium 104
 NT2 technetium 106
 NT2 technetium 108
 NT2 technetium 110
 NT2 technetium 112
 NT2 technetium 114
 NT2 technetium 116
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 NT2 technetium 86
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 NT2 technetium 96
 NT2 technetium 98
 NT2 terbium 136
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 NT2 terbium 144
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 NT2 vanadium 40
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 NT2 vanadium 56
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 NT2 vanadium 62
 NT2 vanadium 64
 NT2 vanadium 66
 NT2 yttrium 100
 NT2 yttrium 102
 NT2 yttrium 104
 NT2 yttrium 106
 NT2 yttrium 108
 NT2 yttrium 76
 NT2 yttrium 78
 NT2 yttrium 80
 NT2 yttrium 82
 NT2 yttrium 84
 NT2 yttrium 86
 NT2 yttrium 88
 NT2 yttrium 90
 NT2 yttrium 92
 NT2 yttrium 94
 NT2 yttrium 96
 NT2 yttrium 98
 NT1 oriented nuclei
 RT fundamental constants
 RT isotopes
 RT nuclear matter
 RT nuclear molecules
 RT nuclear structure
 RT nuclear temperature
 RT overhauser effect

nuclei (cells)

USE cell nuclei

NUCLEIC ACID DENATURATION

Breaking of H-bonds between strands of NA.

UF denaturation (nucleic acid)
 RT decomposition
 RT heat treatments
 RT molecular structure
 RT nucleic acids
 RT ph value

NUCLEIC ACID HYBRIDIZATION

INIS: 1996-05-03; ETDE: 1995-01-04

*BT1 genetic engineering
 NT1 dna hybridization
 NT2 dna-cloning
 NT1 in-situ hybridization

NUCLEIC ACID REPLICATION

NT1 dna replication

NUCLEIC ACIDS

1996-07-08

(Prior to August 1996 THYMONUCLEIC ACID was a valid ETDE descriptor.)

UF thymonucleic acid
 BT1 organic compounds
 NT1 dna
 NT2 contigs
 NT2 oligonucleotides
 NT2 recombinant dna
 NT1 rna
 NT2 messenger-rna
 NT2 ribosomal rna
 NT2 transfer rna
 RT biological repair
 RT cell nuclei
 RT genetics
 RT nucleases
 RT nucleic acid denaturation
 RT nucleoproteins
 RT nucleotides
 RT photoreactivation
 RT precursor
 RT ribosides
 RT two-dimensional electrophoresis

nucleogenesis

USE nucleosynthesis

nucleolelectrica argentina sa

2009-03-30

USE argentine nasa

NUCLEOLI

*BT1 cell nuclei
 RT chromosomes
 RT human chromosomes
 RT ribosomal rna
 RT rna

NUCLEON-ANTINUCLEON INTERACTIONS

*BT1 baryon-baryon interactions
 NT1 antiproton-neutron interactions
 NT1 neutron-antineutron interactions
 NT1 proton-antineutron interactions
 NT1 proton-antiproton interactions

NUCLEON BEAMS

*BT1 particle beams
 NT1 neutron beams
 NT1 proton beams

NUCLEON-DEUTERON INTERACTIONS

2017-09-19

*BT1 baryon-baryon interactions
 NT1 proton-deuteron interactions

NUCLEON-HYPERON INTERACTIONS

*BT1 baryon-baryon interactions

nucleon isobars

USE n*baryons

NUCLEON-NUCLEON INTERACTIONS

*BT1 baryon-baryon interactions
 NT1 neutron-neutron interactions
 NT1 proton-nucleon interactions
 NT2 proton-neutron interactions

NT2 proton-proton interactions
RT reid potential
RT schiffer potential

NUCLEON-NUCLEON POTENTIAL

1996-07-08

UF *gammel-brueckner potential*
BT1 potentials
NT1 gauss potential
NT1 hamada-johnston potential
NT1 reid potential
NT1 schiffer potential
NT1 skyrme potential
NT1 surface delta potential
NT1 yamaguchi potential
RT interactions
RT jastrow theory
RT nuclear models
RT nucleons
RT ope potential
RT resonating-group method
RT rosenfeld force
RT tabakin potential
RT yukawa potential

NUCLEON REACTIONS

***BT1** baryon reactions
NT1 antinucleon reactions
NT2 antineutron reactions
NT2 antiproton reactions
NT1 neutron reactions
NT2 fast fission
NT2 thermal fission
NT1 proton reactions

NUCLEONS

1996-07-08

(Prior to August 1996 STAPP THEORY was a valid ETDE descriptor.)

SF *stapp theory*
SF *stapp-ypsilantis-metropolis theory*
***BT1** baryons
NT1 antinucleons
NT2 antineutrons
NT2 antiprotons
NT1 neutrons
NT2 antineutrons
NT2 beta-delayed neutrons
NT2 cold neutrons
NT3 ultracold neutrons
NT2 cosmic neutrons
NT2 epithermal neutrons
NT2 fast neutrons
NT2 fission neutrons
NT3 delayed neutrons
NT3 prompt neutrons
NT2 intermediate neutrons
NT2 photon neutrons
NT2 pile neutrons
NT2 polynucleons
NT3 dineutrons
NT3 tetraneutrons
NT3 trineutrons
NT2 resonance neutrons
NT2 slow neutrons
NT2 solar neutrons
NT2 thermal neutrons
NT1 photonucleons
NT2 photon neutrons
NT2 photoprotons
NT1 protons
NT2 antiprotons
NT2 cosmic protons
NT2 delayed protons
NT2 diprotons
NT2 photoprotons
NT2 prompt protons
NT2 solar protons
NT2 trapped protons
RT brueckner method

RT charge independence
RT effective range theory
RT hard-core potential
RT levinger-bethe theory
RT nucleon-nucleon potential
RT ope potential
RT pseudovector coupling
RT rosenfeld force
RT tabakin potential
RT wolfenstein parameters
RT yamaguchi potential
RT yukawa potential

NUCLEOPROTEINS

1995-01-10

***BT1** proteins
RT dna-ase
RT dna methylases
RT dna polymerases
RT endonucleases
RT gene recombination proteins
RT gene repressors
RT histones
RT nucleases
RT nucleic acids
RT protamines
RT rna polymerases
RT rna processing
RT splicing
RT transcription factors

NUCLEOSIDES

***BT1** nucleotides
BT1 ribosides
NT1 adenosine
NT1 budr
NT1 cytidine
NT1 deoxycytidine
NT1 deoxyuridine
NT1 fudr
NT1 guanosine
NT1 inosine
NT1 iododeoxyuridine
NT1 thymidine
NT2 fluorothymidine
NT1 uridine
RT biological indicators
RT purines
RT pyrimidines

NUCLEOSOMES

INIS: 1984-08-23; ETDE: 1980-04-14

Chromatin subunits composed of DNA-histone complexes.

BT1 chromatin
RT dna
RT histones

NUCLEOSYNTHESIS

UF *nucleogenesis*
BT1 synthesis
NT1 heavy ion fusion reactions
NT1 thermonuclear reactions
NT2 controlled thermonuclear fusion
NT2 impact fusion
NT2 muon-catalyzed fusion
RT carbon burning
RT cno cycle
RT cosmochemistry
RT helium burning
RT hydrogen burning
RT origin
RT r process
RT s process
RT stars

NUCLEOTIDASES

Code number 3.1.3.31, 3.1.3.5, and 3.1.3.6.

***BT1** phosphatases

nucleotide dehydrogenases

INIS: 2000-04-12; ETDE: 1981-01-12

Code number 1.6.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE oxidoreductases

NUCLEOTIDES

1996-07-18

(CYTRIPHOS and DEOXYCYTIDYLIC ACID have been valid ETDE descriptors.)

UF *cytriphos*
UF *deoxycytidylic acid*
BT1 organic compounds
NT1 adenylic acid
NT1 adp
NT1 amp
NT1 atp
NT1 cytidylic acid
NT1 guanylic acid
NT1 itp
NT1 nad
NT1 nadh2
NT1 nadp
NT1 nucleosides
NT2 adenosine
NT2 budr
NT2 cytidine
NT2 deoxycytidine
NT2 deoxyuridine
NT2 fudr
NT2 guanosine
NT2 inosine
NT2 iododeoxyuridine
NT2 thymidine
NT3 fluorothymidine
NT2 uridine
NT1 thymidylic acid
NT1 ump
NT1 uridine diphosphoglucose
NT1 uridylic acid
NT1 utp
RT codons
RT dna sequencing
RT hypoxanthine
RT nucleic acids
RT oligonucleotides
RT organic acids

NUCLEOTIDYLTRANSFERASES

INIS: 1986-12-03; ETDE: 1981-01-12

Code number 2.7.7.

***BT1** phosphorus-group transferases
NT1 polymerases
NT2 dna polymerases
NT2 rna polymerases

nuclides

USE isotopes

numak reactors

INIS: 1982-11-30; ETDE: 1978-10-23

University of Wisconsin Tokamak upgrade of UWMAK I, II, and III.

USE uwmak devices

NUMATRON ACCELERATOR

INIS: 1984-02-22; ETDE: 1984-03-06

***BT1** heavy ion accelerators

NUMBER CODES

BT1 computer codes

NUMERICAL ANALYSIS

INIS: 1992-02-24; ETDE: 1976-01-23

Study of approximation methods using arithmetic techniques.

BT1 mathematics
RT computer calculations
RT computerized simulation
RT numerical solution

RT prony method

NUMERICAL DATA

INIS: 1996-03-12; ETDE: 1979-02-27

Use only in conjunction with literary indicator

N for data flagging.

*BT1 data

NT1 compiled data

NT1 evaluated data

NT1 experimental data

NT1 financial data

NT1 statistical data

NT1 theoretical data

RT data visualization

numerical data tagging

INIS: 1999-05-13; ETDE: 1980-05-23

USE data tagging

NUMERICAL SOLUTION

For the procedure only.

BT1 mathematical solutions

NT1 collision probability method

NT1 extrapolation

NT1 finite difference method

NT1 finite element method

NT2 boundary element method

NT1 interpolation

NT1 maximum-likelihood fit

NT2 least square fit

NT1 runge-kutta method

RT calculation methods

RT galerkin-petrov method

RT genetic algorithms

RT iterative methods

RT newton method

RT numerical analysis

NUNAVUT

2006-07-28

*BT1 canada

NUR REACTOR

2005-02-11

Unite de Recherche en genie nucleaire (URGN), Draria, Algeria.

*BT1 enriched uranium reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

NUSSELT NUMBER

BT1 dimensionless numbers

RT boundary layers

RT forced convection

RT thermal conductivity

RT viscosity

NUTRIENTS

RT culture media

RT diet

RT eutrophication

RT feeding

RT fertilizers

RT food

RT nutrition

RT plant sap

RT xenobiotics

NUTRITION

RT animal breeding

RT animal feeds

RT diet

RT food

RT mass rearing

RT nutrients

RT nutritional deficiency

RT quality of life

RT rearing

NUTRITIONAL DEFICIENCY

UF deficiency (nutritional)

UF malnutrition

RT diet

RT nutrition

NUTS

1982-01-13

(Prior to February 1982, this concept in ETDE was indexed to SEEDS.)

*BT1 fruits

NT1 chestnuts

nuts (mechanical)

INIS: 1982-01-13; ETDE: 1982-02-11

USE fasteners

nx-188

INIS: 2000-04-12; ETDE: 1978-12-20

USE alloy-nx-188

NYLON

*BT1 plastics

*BT1 polyamides

nymphs

USE larvae

NYQUIST DIAGRAMS

*BT1 diagrams

RT feedback

RT oscillations

RT reactor stability

O CODES

BT1 computer codes

O-GLYCOSYL HYDROLASES

INIS: 1986-12-03; ETDE: 1981-01-12

Code number 3.2.1.

*BT1 glycosyl hydrolases

NT1 amylase

NT1 cellulase

NT1 galactosidase

NT1 glucosidase

NT1 glucuronidase

NT1 hyaluronidase

NT1 lysozyme

NT1 xylanase

O GROUPS

*BT1 dynamical groups

*BT1 lie groups

o-rings

INIS: 2000-04-12; ETDE: 1986-10-07

USE gaskets

oak harbor ohio reactor

ETDE: 2002-04-17

USE davis besse-1 reactor

OAK RIDGE

INIS: 1992-07-22; ETDE: 1977-06-24

*BT1 tennessee

BT1 urban areas

RT oak ridge reservation

RT orgdp

RT ornl

RT y-12 plant

oak ridge associated universities

1999-06-18

USE orau

oak ridge critical experiments facility

1993-11-09

USE or-cef reactor

oak ridge gaseous diffusion plant

USE orgdp

oak ridge institute of nuclear studies

INIS: 2000-04-12; ETDE: 1984-12-26

USE orins

oak ridge national laboratory

USE ornl

oak ridge research reactor

USE orr reactor

OAK RIDGE RESERVATION

INIS: 1985-07-23; ETDE: 1985-01-28

DOE-owned land within the Oak Ridge area.

*BT1 us doe

*BT1 us erda

RT oak ridge

RT orgdp

RT ornl

RT tennessee

RT y-12 plant

oak ridge sns

2016-06-09

USE oak ridge spallation neutron source

OAK RIDGE SPALLATION

NEUTRON SOURCE

2016-06-09

Oak Ridge National Laboratory, Oak Ridge, Tennessee, USA.

UF oak ridge sns

UF sns (oak ridge)

UF spallation neutron source (oak ridge)

*BT1 spallation neutron source facilities

OAKS

UF quercus

*BT1 magnoliopsida

*BT1 trees

OAPEC

INIS: 2000-04-12; ETDE: 1976-08-04

Organization of Arab Petroleum Exporting Countries.

BT1 international organizations

BT1 oil-exporting countries

RT algeria

RT bahrain

RT egyptian arab republic

RT iraq

RT kuwait

RT libyan arab jamahiriya

RT middle east

RT opec

RT petroleum

RT qatar

RT saudi arabia

RT syria

RT united arab emirates

oas

INIS: 2000-04-12; ETDE: 1978-03-03

(Prior to February 1995, this was a valid ETDE descriptor.)

USE international organizations

OATS

UF avena

*BT1 cereals

ob'edinennyj institut yadernykh issledovaniy

INIS: 1984-06-21; ETDE: 2002-04-17

USE jinr

OBE MODEL

UF one-boson-exchange model

*BT1 boson-exchange models

NT1 ope model

NT2 electric born model

obesity

USE metabolic diseases

OBRIGHEIM REACTOR

Permanent shutdown since 2005.

UF kernkraftwerk obrigheim

UF kwo reactor

*BT1 pwr type reactors

obsidianites

USE tektites

obstetrics

USE gynecology

OCCIDENTAL FLASH PYROLYSIS PROCESS

INIS: 2000-04-12; ETDE: 1976-08-04

The ORC process consists of rapidly pyrolyzing particles at a temperature of less than 1400 degrees F in an entrained stream of hot char and a gas substantially free of oxidizing constituents. Char, liquid and gas are products, with a portion of the char being heated and returned to the pyrolysis reactor. (Prior to July 1976, this concept in ETDE was indexed by GARRETT PYROLYSIS PROCESS.)

UF garrett pyrolysis process

UF orc flash pyrolysis process

*BT1 coal gasification

*BT1 coal liquefaction

*BT1 waste processing

RT oil shales

RT pyrolysis

RT waste processing plants

occlusion complexes

USE clathrates

occultation

USE eclipse

OCCUPANTS

INIS: 1992-02-18; ETDE: 1978-04-05

UF passengers

RT automobiles

RT buildings

RT buses

RT elevators

RT human populations

RT motor vehicle operators

RT recreational vehicles

RT taxicabs

RT trains

RT trucks

RT vans

RT vehicles

OCCUPATION NUMBER

RT pauli principle

RT quantum mechanics

RT statistical mechanics

OCCUPATIONAL DISEASES

BT1 diseases

RT industrial medicine

RT occupational exposure

RT occupational safety

RT occupations

RT pneumoconioses

RT us occupational safety and health act

RT work

RT working conditions

OCCUPATIONAL EXPOSURE

INIS: 1985-04-23; ETDE: 1984-06-29

RT carcinogens

RT icrp critical group

RT ionizing radiations

RT mutagens

RT occupational diseases

RT occupational safety

RT occupations

RT radiation doses

OCCUPATIONAL SAFETY

INIS: 1981-02-27; ETDE: 1978-07-05

BT1 safety

RT drug abuse

RT health hazards

RT industrial medicine

RT occupational diseases

RT occupational exposure

RT occupations

RT personnel

RT working conditions

occupational safety and health act

INIS: 2000-04-12; ETDE: 1978-11-14

(Prior to February 1992 this was a valid ETDE descriptor.)

USE us occupational safety and health act

occupational safety and health administration

INIS: 1993-11-09; ETDE: 1978-06-14

USE us osha

OCCUPATIONS

1996-05-14

Nature of work performed.

UF caste (insects)

UF professions

RT craftsmen

RT employment

RT icrp critical group

RT manpower

RT occupational diseases

RT occupational exposure

RT occupational safety

RT personnel

RT personnel dosimetry

RT sociology

RT work

ocean currents

INIS: 2000-04-12; ETDE: 1977-04-12

USE water currents

ocean spreading center

INIS: 2000-04-12; ETDE: 1985-04-24

USE sea-floor spreading

OCEAN THERMAL ENERGY CONVERSION

INIS: 1991-12-11; ETDE: 1977-04-12

UF otec

*BT1 solar energy conversion

RT ocean thermal power plants

OCEAN THERMAL POWER PLANTS

INIS: 1991-12-11; ETDE: 1977-04-12

UF solar sea power plants

*BT1 solar power plants

*BT1 thermal power plants

RT lift cycles

RT ocean thermal energy conversion

OCEANIA

INIS: 1992-06-04; ETDE: 1978-12-11

Collective name for lands of the central and south Pacific Ocean, including Melanesia, Micronesia, and Polynesia; and sometimes including Australia, New Zealand, and the Malay Archipelago.

UF pacific islands

NT1 micronesia

NT2 kiribati

NT2 marshall islands

NT3 bikini

NT3 eniwetok

NT2 nauru

NT2 tuvalu

NT1 new caledonia

NT1 samoa

NT1 solomon islands

NT1 tonga

NT1 vanuatu

RT australia

RT islands

RT new zealand

OCEANIC CIRCULATION

INIS: 1992-01-20; ETDE: 1986-01-15

Large-scale movement of discrete water masses which can be treated by equations of motion.

RT box models

RT general circulation models

RT seas

RT upwelling

RT water currents

OCEANIC CRUST

INIS: 1986-12-18; ETDE: 1977-09-19

BT1 earth crust

RT continental crust

RT earth planet

OCEANOGRAPHY

RT bathymetry

RT buoys

RT earth planet

RT geography

RT limnology

RT seas

oceans

USE seas

OCONEE-1 REACTOR

Duke Energy Co., Seneca, South Carolina, USA.

*BT1 pwr type reactors

OCONEE-2 REACTOR

Duke Energy Co., Seneca, South Carolina, USA.

*BT1 pwr type reactors

OCONEE-3 REACTOR

Duke Energy Co., Seneca, South Carolina, USA.

*BT1 pwr type reactors

OCTADECANOIC ACID

UF stearic acid

*BT1 monocarboxylic acids

RT stearates

octadecyl glyceryl ether-alpha

1996-06-26

(Prior to June 1996 BATYL ALCOHOL was a valid ETDE descriptor.)

USE alcohols

USE ethers

OCTAL 82 FACILITY

1983-09-06

Neodymium glass laser facility at Limeil, France for laser fusion experiments.

RT neodymium lasers

OCTANE

*BT1 alkanes

octane number

2000-04-12

USE antiknock ratings

OCTANOIC ACID

UF caprylic acid

*BT1 monocarboxylic acids

OCTANOLS

UF octyl alcohols

*BT1 alcohols

OCTENES

2000-04-12

*BT1 alkenes

OCTET MODEL

UF eightfold way

*BT1 particle models

RT baryon octets

OCTUPOLAR CONFIGURATIONS

*BT1 multipolar configurations

octupole radiation

USE multipole radiation

OCTUPOLES

BT1 multipoles

octyl alcohols

USE octanols

OCTYL RADICALS

*BT1 alkyl radicals

ODD-EVEN NUCLEI

1996-06-17

Odd protons, even neutrons.

BT1 nuclei

NT1 actinium 207

NT1 actinium 209

NT1 actinium 211

NT1 actinium 213

NT1 actinium 215

NT1 actinium 217

NT1 actinium 219

NT1 actinium 221

NT1 actinium 223

NT1 actinium 225

NT1 actinium 227

NT1 actinium 229

NT1 actinium 231

NT1 actinium 233

NT1 actinium 235

NT1 aluminium 21

NT1 aluminium 23

NT1 aluminium 25

NT1 aluminium 27

NT1 aluminium 29

NT1 aluminium 31

NT1 aluminium 33

NT1 aluminium 35

NT1 aluminium 37

NT1 aluminium 39

NT1 aluminium 41

NT1 americium 231

NT1 americium 233

NT1 americium 235

NT1 americium 237

NT1 americium 239

NT1 americium 241

NT1 americium 243

NT1 americium 245

NT1 americium 247

NT1 americium 249

NT1 antimony 103

NT1 antimony 105

NT1 antimony 107

NT1 antimony 109

NT1 antimony 111

NT1 antimony 113

NT1 antimony 115

NT1 antimony 117

NT1 antimony 119

NT1 antimony 121

NT1 antimony 123

NT1 antimony 125

NT1 antimony 127

NT1 antimony 129

NT1 antimony 131

NT1 antimony 133

NT1 antimony 135

NT1 antimony 137

NT1 antimony 139

NT1 arsenic 61

NT1 arsenic 63

NT1 arsenic 65

NT1 arsenic 67

NT1 arsenic 69

NT1 arsenic 71

NT1 arsenic 73

NT1 arsenic 75

NT1 arsenic 77

NT1 arsenic 79

NT1 arsenic 81

NT1 arsenic 83

NT1 arsenic 85

NT1 arsenic 87

NT1 arsenic 89

NT1 arsenic 91

NT1 astatine 191

NT1 astatine 193

NT1 astatine 195

NT1 astatine 197

NT1 astatine 199

NT1 astatine 201

NT1 astatine 203

NT1 astatine 205

NT1 astatine 207

NT1 astatine 209

NT1 astatine 211

NT1 astatine 213

NT1 astatine 215

NT1 astatine 217

NT1 astatine 219

NT1 astatine 221

NT1 astatine 223

NT1 berkelium 235

NT1 berkelium 237

NT1 berkelium 239

NT1 berkelium 241

NT1 berkelium 243

NT1 berkelium 245

NT1 berkelium 247

NT1 berkelium 249

NT1 berkelium 251

NT1 berkelium 253

NT1 bismuth 185

NT1 bismuth 187

NT1 bismuth 189

NT1 bismuth 191

NT1 bismuth 193

NT1 bismuth 195

NT1 bismuth 197

NT1 bismuth 199

NT1 bismuth 201

NT1 bismuth 203

NT1 bismuth 205

NT1 bismuth 207

NT1 bismuth 209

NT1 bismuth 211

NT1 bismuth 213

NT1 bismuth 215

NT1 bismuth 217

NT1 bohrium 261

NT1 bohrium 263

NT1 bohrium 265

NT1 bohrium 267

NT1 bohrium 271

NT1 bohrium 273

NT1 bohrium 275

NT1 boron 11

NT1 boron 13

NT1 boron 15

NT1 boron 17

NT1 boron 19

NT1 boron 7

NT1 boron 9

NT1 bromine 67

NT1 bromine 69

NT1 bromine 71

NT1 bromine 73

NT1 bromine 75

NT1 bromine 77

NT1 bromine 79

NT1 bromine 81

NT1 bromine 83

NT1 bromine 85

NT1 bromine 87

NT1 bromine 89

NT1 bromine 91

NT1 bromine 93

NT1 bromine 95

NT1 bromine 97

NT1 cesium 113

NT1 cesium 115

NT1 cesium 117

NT1 cesium 119

NT1 cesium 121

NT1 cesium 123

NT1 cesium 125

NT1 cesium 127

NT1 cesium 129

NT1 cesium 131

NT1 cesium 133

NT1 cesium 135

NT1 cesium 137

NT1 cesium 139

NT1 cesium 141

NT1 cesium 143

NT1 cesium 145

NT1 cesium 147

NT1 cesium 149

NT1 cesium 151

NT1 chlorine 29

NT1 chlorine 31

NT1 chlorine 33

NT1 chlorine 35

NT1 chlorine 37

NT1 chlorine 39

NT1 chlorine 41

NT1 chlorine 43

NT1 chlorine 45

NT1 chlorine 47

NT1 chlorine 49

NT1 chlorine 51

NT1 cobalt 49

NT1 cobalt 51

NT1 cobalt 53

NT1 cobalt 55

NT1 cobalt 57

NT1 cobalt 59

NT1 cobalt 61

NT1 cobalt 63

NT1 cobalt 65

NT1 cobalt 67

NT1 cobalt 69

NT1 cobalt 71

NT1 cobalt 73

NT1 cobalt 75

NT1 copper 53

NT1 copper 55

NT1 copper 57

NT1 copper 59

NT1 copper 61

NT1 copper 63

NT1 copper 65

NT1 copper 67

NT1 copper 69

NT1 copper 71

NT1 copper 73

NT1 copper 75

NT1 copper 77

NT1 copper 79

NT1 dubnium 255

NT1 dubnium 257

NT1 dubnium 259

NT1 dubnium 261

NT1 dubnium 263

NT1 dubnium 265

NT1 dubnium 267
 NT1 dubnium 269
 NT1 einsteinium 241
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 NT1 einsteinium 255
 NT1 einsteinium 257
 NT1 europium 131
 NT1 europium 133
 NT1 europium 135
 NT1 europium 137
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 NT1 europium 149
 NT1 europium 151
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 NT1 europium 159
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 NT1 europium 167
 NT1 fluorine 15
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 NT1 fluorine 31
 NT1 francium 199
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 NT1 gallium 57
 NT1 gallium 59
 NT1 gallium 61
 NT1 gallium 63
 NT1 gallium 65
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 NT1 gallium 71
 NT1 gallium 73
 NT1 gallium 75
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 NT1 gold 169
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 NT1 gold 205
 NT1 holmium 141
 NT1 holmium 143
 NT1 holmium 145
 NT1 holmium 147
 NT1 holmium 149
 NT1 holmium 151
 NT1 holmium 153
 NT1 holmium 155
 NT1 holmium 157
 NT1 holmium 159
 NT1 holmium 161
 NT1 holmium 163
 NT1 holmium 165
 NT1 holmium 167
 NT1 holmium 169
 NT1 holmium 171
 NT1 holmium 173
 NT1 holmium 175
 NT1 hydrogen 1
 NT1 hydrogen 5
 NT1 hydrogen 7
 NT1 indium 101
 NT1 indium 103
 NT1 indium 105
 NT1 indium 107
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 NT1 iodine 109
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 NT1 iodine 113
 NT1 iodine 115
 NT1 iodine 117
 NT1 iodine 119
 NT1 iodine 121
 NT1 iodine 123
 NT1 iodine 125
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 NT1 iodine 129
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 NT1 lithium 3
 NT1 lithium 5
 NT1 lithium 7
 NT1 lithium 9
 NT1 lutetium 151
 NT1 lutetium 153
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 NT1 manganese 45
 NT1 manganese 47
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 NT1 manganese 69
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 NT1 nihonium 283
 NT1 nihonium 284
 NT1 niobium 101
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 NT1 nitrogen 11
 NT1 nitrogen 13
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 NT1 nitrogen 23
 NT1 nitrogen 25
 NT1 phosphorus 21
 NT1 phosphorus 25
 NT1 phosphorus 27
 NT1 phosphorus 29
 NT1 phosphorus 31
 NT1 phosphorus 33
 NT1 phosphorus 35
 NT1 phosphorus 37
 NT1 phosphorus 39
 NT1 phosphorus 41
 NT1 phosphorus 43
 NT1 phosphorus 45
 NT1 potassium 33
 NT1 potassium 35
 NT1 potassium 37
 NT1 potassium 39
 NT1 potassium 41
 NT1 potassium 43
 NT1 potassium 45
 NT1 potassium 47
 NT1 potassium 49
 NT1 potassium 51
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 NT1 potassium 55
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 NT1 rhenium 159
 NT1 rhenium 161
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 NT1 rubidium 75
 NT1 rubidium 77
 NT1 rubidium 79
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 NT1 rubidium 83
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 NT1 scandium 59
 NT1 scandium 61
 NT1 silver 101
 NT1 silver 103
 NT1 silver 105
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 NT1 tantalum 155
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 NT1 technetium 105
 NT1 technetium 107
 NT1 technetium 109
 NT1 technetium 111
 NT1 technetium 113
 NT1 technetium 115
 NT1 technetium 117
 NT1 technetium 85
 NT1 technetium 87
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 NT1 terbium 135
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 NT1 terbium 139
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 NT1 terbium 143
 NT1 terbium 145
 NT1 terbium 147
 NT1 terbium 149
 NT1 terbium 151
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 NT1 terbium 159
 NT1 terbium 161
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 NT1 terbium 167
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 NT1 terbium 171
 NT1 thallium 177
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 NT1 thulium 145
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 NT1 thulium 167
 NT1 thulium 169
 NT1 thulium 171
 NT1 thulium 173
 NT1 thulium 175
 NT1 thulium 177
 NT1 thulium 179
 NT1 tritium
 NT1 vanadium 41
 NT1 vanadium 43

NT1 vanadium 45
 NT1 vanadium 47
 NT1 vanadium 49
 NT1 vanadium 51
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 NT1 vanadium 57
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 NT1 vanadium 61
 NT1 vanadium 63
 NT1 vanadium 65
 NT1 yttrium 101
 NT1 yttrium 103
 NT1 yttrium 105
 NT1 yttrium 107
 NT1 yttrium 77
 NT1 yttrium 79
 NT1 yttrium 81
 NT1 yttrium 83
 NT1 yttrium 85
 NT1 yttrium 87
 NT1 yttrium 89
 NT1 yttrium 91
 NT1 yttrium 93
 NT1 yttrium 95
 NT1 yttrium 97
 NT1 yttrium 99
 RT nuclear structure

ODD-ODD NUCLEI

1997-06-05

Odd protons, odd neutrons.

BT1 nuclei
 NT1 actinium 206
 NT1 actinium 208
 NT1 actinium 210
 NT1 actinium 212
 NT1 actinium 214
 NT1 actinium 216
 NT1 actinium 218
 NT1 actinium 220
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 NT1 aluminium 22
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 NT1 aluminium 30
 NT1 aluminium 32
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 NT1 aluminium 36
 NT1 aluminium 38
 NT1 aluminium 40
 NT1 aluminium 42
 NT1 americium 232
 NT1 americium 234
 NT1 americium 236
 NT1 americium 238
 NT1 americium 240
 NT1 americium 242
 NT1 americium 244
 NT1 americium 246
 NT1 americium 248
 NT1 antimony 104
 NT1 antimony 106
 NT1 antimony 108
 NT1 antimony 110
 NT1 antimony 112
 NT1 antimony 114
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 NT1 antimony 122

NT1 antimony 124
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 NT1 antimony 134
 NT1 antimony 136
 NT1 antimony 138
 NT1 arsenic 60
 NT1 arsenic 62
 NT1 arsenic 64
 NT1 arsenic 66
 NT1 arsenic 68
 NT1 arsenic 70
 NT1 arsenic 72
 NT1 arsenic 74
 NT1 arsenic 76
 NT1 arsenic 78
 NT1 arsenic 80
 NT1 arsenic 82
 NT1 arsenic 84
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 NT1 arsenic 90
 NT1 arsenic 92
 NT1 astatine 192
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 NT1 berkelium 236
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 NT1 bismuth 184
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 NT1 bohrium 260
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 NT1 bohrium 272
 NT1 bohrium 274
 NT1 boron 10
 NT1 boron 12
 NT1 boron 14
 NT1 boron 16

NT1 boron 18
 NT1 boron 6
 NT1 boron 8
 NT1 bromine 68
 NT1 bromine 70
 NT1 bromine 72
 NT1 bromine 74
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 NT1 bromine 80
 NT1 bromine 82
 NT1 bromine 84
 NT1 bromine 86
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 NT1 cesium 112
 NT1 cesium 114
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 NT1 chlorine 28
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 NT1 cobalt 50
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 NT1 cobalt 56
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 NT1 cobalt 64
 NT1 cobalt 66
 NT1 cobalt 68
 NT1 cobalt 70
 NT1 cobalt 72
 NT1 cobalt 74
 NT1 copper 52
 NT1 copper 54
 NT1 copper 56
 NT1 copper 58
 NT1 copper 60
 NT1 copper 62
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 NT1 copper 80
 NT1 deuterium

NT1 dubnium 256
 NT1 dubnium 258
 NT1 dubnium 260
 NT1 dubnium 262
 NT1 dubnium 264
 NT1 dubnium 266
 NT1 dubnium 268
 NT1 einsteinium 240
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 NT1 europium 130
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 NT1 fluorine 14
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 NT1 francium 200
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 NT1 gallium 56
 NT1 gallium 58
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 NT1 gold 170

NT1 gold 172
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 NT1 gold 192
 NT1 gold 194
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 NT1 gold 198
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 NT1 gold 204
 NT1 holmium 140
 NT1 holmium 142
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 NT1 holmium 172
 NT1 holmium 174
 NT1 hydrogen 4
 NT1 hydrogen 6
 NT1 indium 100
 NT1 indium 102
 NT1 indium 104
 NT1 indium 106
 NT1 indium 108
 NT1 indium 110
 NT1 indium 112
 NT1 indium 114
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 NT1 iodine 108
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 NT1 iridium 164
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NT1 lawrencium 252
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NT1 lawrencium 264
NT1 lawrencium 266
NT1 lithium 10
NT1 lithium 12
NT1 lithium 4
NT1 lithium 6
NT1 lithium 8
NT1 lutetium 150
NT1 lutetium 152
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NT1 manganese 44
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NT1 manganese 70

NT1 meitnerium 266
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NT1 mendelevium 246
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NT1 neptunium 226
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NT1 nihonium 278
NT1 niobium 100
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NT1 nitrogen 10
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NT1 phosphorus 24
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NT1 potassium 56
NT1 praseodymium 122
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NT1 promethium 126
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NT1 protactinium 212
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NT1 rhenium 160
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NT1 rhodium 100
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NT1 rhodium 122
NT1 rhodium 90
NT1 rhodium 92
NT1 rhodium 94
NT1 rhodium 96
NT1 rhodium 98
NT1 roentgenium 272
NT1 roentgenium 274
NT1 roentgenium 280
NT1 rubidium 100
NT1 rubidium 102
NT1 rubidium 72
NT1 rubidium 74
NT1 rubidium 76
NT1 rubidium 78
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NT1 scandium 36
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NT1 silver 100
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NT1 silver 104
NT1 silver 106
NT1 silver 108
NT1 silver 110
NT1 silver 112
NT1 silver 114
NT1 silver 116
NT1 silver 118
NT1 silver 120
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NT1 sodium 18
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NT1 tantalum 156
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NT1 technetium 100
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NT1 vanadium 40
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NT1 yttrium 100
NT1 yttrium 102
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NT1 yttrium 76
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NT1 yttrium 98
RT nuclear structure

odocoileus

USE deer

ODOR

BT1 organoleptic properties
RT chemical attractants
RT chemoreceptors
RT odorization

ODORANT DISPENSERS

INIS: 2000-04-12; ETDE: 1981-06-13

BT1 equipment
RT odorization

ODORANTS

INIS: 2000-04-12; ETDE: 1981-06-13

Chemicals such as mercaptans and alkyl sulfides added to gases to aid in leak detection.

RT odorization

ODORIZATION

INIS: 2000-04-12; ETDE: 1977-03-04

UF gas odorization
BT1 processing
RT odor
RT odorant dispensers
RT odorants
RT odorometers

ODOROMETERS

INIS: 2000-04-12; ETDE: 1981-06-13

Instruments that measure the concentrations of odorants in gases.

BT1 measuring instruments
RT odorization

OECD

UF organization economic co-operation and development
BT1 international organizations
NT1 nea
RT australia
RT austria
RT belgium
RT canada
RT czech republic
RT denmark
RT federal republic of germany
RT finland

RT france
 RT greece
 RT hungary
 RT iceland
 RT international energy agency
 RT ireland
 RT italy
 RT japan
 RT luxembourg
 RT mexico
 RT netherlands
 RT new zealand
 RT norway
 RT poland
 RT portugal
 RT republic of korea
 RT spain
 RT sweden
 RT switzerland
 RT turkey
 RT united kingdom
 RT usa

OECD MCMSDRW

INIS: 1978-08-14; ETDE: 1978-10-19
Multilateral Consultation and surveillance Mechanism for Sea Dumping of Radioactive Waste, set up by the OECD Council on 22 July 1977.

UF consultation mechanism on sea dumping
 UF multilateral consultation mechanism, oecd
 *BT1 international regulations
 RT contamination
 RT lcpmpdpw
 RT marine disposal

oefzs

INIS: 1988-06-22; ETDE: 2002-04-17
 USE seibersdorf research centre

oer

USE oxygen enhancement ratio

OFF-GAS SYSTEMS

RT air cleaning systems
 RT gaseous wastes
 RT pollution control equipment
 RT scrubbing

OFF-HIGHWAY USE

INIS: 2000-04-12; ETDE: 1982-06-07
 RT fuel consumption
 RT taxes

OFF-PEAK ENERGY STORAGE

2000-04-19
 *BT1 energy storage
 RT electric batteries
 RT fuel cells
 RT load management
 RT peaking power plants
 RT pumped storage
 RT redox fuel cells

OFF-PEAK POWER

INIS: 1993-01-22; ETDE: 1977-06-02
 *BT1 electric power
 RT nuclear power
 RT peak-load pricing
 RT power demand
 RT power plants
 RT public utilities
 RT time-of-use pricing

OFFICE BUILDINGS

1993-03-24
 BT1 buildings
 RT commercial buildings
 RT government buildings

RT office furniture
 RT public buildings

OFFICE FURNITURE

INIS: 2000-04-12; ETDE: 1983-03-24
 RT equipment
 RT office buildings

office of technology assessment

INIS: 2000-04-12; ETDE: 1981-03-17
 USE us ota

OFFSHORE DRILLING

1992-01-08
 BT1 drilling
 BT1 offshore operations
 RT marine risers
 RT mwd systems
 RT offshore platforms
 RT offshore sites

OFFSHORE NUCLEAR POWER PLANTS

UF floating nuclear power plants
 UF platform mounted nuclear plant
 *BT1 nuclear power plants
 NT1 akademik lomonosov powership
 RT atlantic-1 reactor
 RT atlantic-2 reactor
 RT estuaries
 RT offshore sites
 RT reactor sites
 RT seas
 RT shores
 RT site selection

OFFSHORE OPERATIONS

INIS: 1992-05-18; ETDE: 1976-03-11
 NT1 offshore drilling
 RT buoys
 RT diving operations
 RT offshore platforms
 RT skimmers
 RT underwater facilities
 RT underwater operations

OFFSHORE PLATFORMS

INIS: 1992-04-09; ETDE: 1975-08-19
Includes gravity or fixed, floating, and towed platforms.
 UF drill ships
 UF drilling platforms
 NT1 semisubmersible platforms
 RT marine risers
 RT offshore drilling
 RT offshore operations
 RT offshore sites
 RT positioning

OFFSHORE SITES

RT coastal waters
 RT estuaries
 RT offshore drilling
 RT offshore nuclear power plants
 RT offshore platforms
 RT onshore sites
 RT reactor sites
 RT seas
 RT shores
 RT site selection

offshore surveys

INIS: 2000-01-24; ETDE: 1976-11-17
 USE marine surveys

offsprings

USE progeny

OGANESSON

2017-04-11
Prior to March 2017 ELEMENT 118 was used for this element.
 UF eka-radon
 UF element 118
 UF ununoctium
 *BT1 transactinide elements

OGANESSON 294

2017-04-11
Prior to March 2017 ELEMENT 118 294 was used for this concept.
 UF element 118 294
 *BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei

OGANESSON IONS

2018-01-24
 *BT1 ions

OGANESSON ISOTOPES

2017-04-11
Prior to March 2017 ELEMENT 118 ISOTOPES was used for this concept.
 UF element 118 isotopes
 BT1 isotopes

OGO SATELLITES

UF orbiting geophysical observatory
 BT1 satellites
 RT space flight

OGRA

*BT1 magnetic mirrors

ohi-3 reactor

INIS: 1990-02-28; ETDE: 1990-03-15
 USE oi-3 reactor

ohi-4 reactor

INIS: 1990-02-28; ETDE: 1990-03-15
 USE oi-4 reactor

OHIO

UF scioto river
 *BT1 usa
 NT1 cleveland
 RT battelle columbus laboratory
 RT chattanooga formation
 RT feed materials production center
 RT mound laboratory
 RT ohio river
 RT portsmouth centrifuge enrichment plant
 RT portsmouth gaseous diffusion plant

OHIO RIVER

*BT1 rivers
 RT illinois
 RT indiana
 RT kentucky
 RT ohio
 RT ohio valley region
 RT pennsylvania
 RT west virginia

ohio state university reactor

1999-06-25
 USE osur reactor

OHIO VALLEY REGION

INIS: 2000-04-12; ETDE: 1978-02-14
 RT ohio river

OHM LAW

RT electric conductivity

ohmic plasma heating

USE joule heating

ohmic plasma losses

USE energy losses

ohmic resistance

USE electric conductivity

OI-1 REACTOR

KEPCO, Oi, Fukui, Japan.

UF kepc oshima oi-1 reactor

UF oshima oi-1 reactor

*BT1 pwr type reactors

OI-2 REACTOR

KEPCO, Oi, Fukui, Japan.

UF kepc oshima oi-2 reactor

UF oshima oi-2 reactor

*BT1 pwr type reactors

OI-3 REACTOR

INIS: 1990-02-28; ETDE: 1990-03-15

KEPCO, Oi, Fukui, Japan.

UF ohi-3 reactor

*BT1 pwr type reactors

OI-4 REACTOR

INIS: 1990-02-28; ETDE: 1990-03-15

KEPCO, Oi, Fukui, Japan.

UF ohi-4 reactor

*BT1 pwr type reactors

OIL BURNERS

INIS: 1999-05-18; ETDE: 1979-05-09

BT1 burners

RT combustion

RT oil furnaces

OIL-EXPORTING COUNTRIES

INIS: 1999-03-15; ETDE: 1979-08-07

For very broad, general use only. If specific countries are discussed, use the specific country descriptors.

NT1 oapec

NT1 opec

RT developed countries

RT developing countries

OIL FIELDS

INIS: 1992-03-17; ETDE: 1976-03-11

Surface boundary of an area from which petroleum is obtained; may correspond to an oil pool or may be circumscribed by political or legal limits.

*BT1 petroleum deposits

NT1 weyburn field

RT associated gas

RT field production equipment

RT gas condensate fields

RT oil wells

RT reservoir fluids

RT reservoir rock

RT well injection equipment

RT well recovery equipment

RT well spacing

OIL-FILLED CABLES

INIS: 1999-10-13; ETDE: 1976-03-11

*BT1 electric cables

RT power transmission

RT power transmission lines

OIL FURNACES

INIS: 1992-05-13; ETDE: 1977-06-21

BT1 furnaces

RT oil burners

RT space heating

OIL-IMPORTING COUNTRIES

INIS: 2000-04-12; ETDE: 1977-04-14

Countries, industrial or developing, that import some of their oil supplies. For broad, general use only; if specific countries are discussed, use the specific country descriptor.

RT developing countries

RT imports

RT trade

OIL PALMS

INIS: 1975-09-16; ETDE: 1975-10-28

*BT1 liliopsida

*BT1 trees

RT palm oil

OIL POLLUTION CONTAINMENT

INIS: 1992-04-07; ETDE: 1978-01-23

*BT1 pollution control

RT oil retention booms

RT oil spills

RT water pollution control

oil residues

INIS: 1992-04-02; ETDE: 1977-10-20

USE petroleum residues

OIL RETENTION BOOMS

INIS: 1992-07-17; ETDE: 1978-01-23

*BT1 pollution control equipment

RT oil pollution containment

OIL SAND DEPOSITS

1997-06-19

BT1 geologic deposits

NT1 asphalt ridge deposit

NT1 athabasca deposit

NT1 circle cliffs deposit

NT1 cold lake deposit

NT1 edna deposit

NT1 lloydminster deposit

NT1 peace river deposit

NT1 pr springs deposit

NT1 santa rosa deposit

NT1 sunnyside deposit

NT1 tar sand triangle deposit

NT1 uvalde deposit

NT1 wabasca deposit

RT oil sands

RT reserves

OIL SAND INDUSTRY

1994-09-29

BT1 industry

RT mineral industry

RT oil sands

OIL SAND MINING

INIS: 1992-09-03; ETDE: 1980-10-28

BT1 mining

RT oil sands

RT surface mining

oil sand oils

2000-04-12

USE bitumens

USE oil sands

OIL SAND PROCESSING PLANTS

1993-12-30

BT1 industrial plants

RT oil sands

OIL SAND TAILINGS

1992-05-04

UF tar sand tailings

*BT1 tailings

OIL SANDS

1997-06-19

UF oil sand oils

UF tar sands

*BT1 bituminous materials

*BT1 fossil fuels

BT1 sand

RT asphalt ridge deposit

RT athabasca deposit

RT bitumens

RT circle cliffs deposit

RT cold lake deposit

RT cold-water processes

RT edna deposit

RT fluid injection processes

RT h-oil process

RT hot-water processes

RT oil sand deposits

RT oil sand industry

RT oil sand mining

RT oil sand processing plants

RT oil shales

RT peace river deposit

RT pr springs deposit

RT rope process

RT santa rosa deposit

RT steam soak processes

RT sunnyside deposit

RT tar sand triangle deposit

RT uvalde deposit

RT wabasca deposit

OIL SATURATION

INIS: 1992-07-10; ETDE: 1976-07-07

Degree of filling of reservoir pore structure by reservoir oil.

BT1 saturation

RT gas saturation

RT reservoir rock

RT water saturation

OIL SHALE DEPOSITS

1997-06-19

BT1 geologic deposits

*BT1 mineral resources

NT1 us naval oil shale reserves

RT chattanooga formation

RT geophysical surveys

RT green river formation

RT oil shales

RT piceance creek basin

RT reserves

RT rock springs sites

RT sand wash basin

RT uinta basin

RT uinta formation

RT washakie basin

OIL SHALE FINES

INIS: 2000-04-12; ETDE: 1976-11-01

RT oil shales

OIL SHALE INDUSTRY

1992-07-22

BT1 industry

RT mineral industry

RT oil shales

RT shale oil

OIL SHALE MINING

INIS: 1992-04-09; ETDE: 1976-11-17

UF shale mining

BT1 mining

RT mining engineering

RT surface mining

RT underground mining

OIL SHALE PROCESSING PLANTS

1997-06-17

BT1 industrial plants

NT1 anvil points research facility

NT1 glen davis facility

RT gas generators

RT oil shales

oil shale waste water

INIS: 2000-04-12; ETDE: 1976-03-25

USE oil shales

USE waste water

OIL SHALES

1997-06-17

UF holzheimer process

UF lungstrom process

UF oil shale waste water

SF fushun process

SF galoter process

*BT1 bituminous materials

*BT1 fossil fuels

*BT1 shales

NT1 black shales

RT anvil points research facility

RT bitumens

RT explosive stimulation

RT fischer assay

RT fluidized bed refuse gasification

RT gas combustion process

RT gas-flow processes

RT gasbuggy event

RT green river formation

RT h-oil process

RT hot-water processes

RT hydroretorting assay

RT hydrotorting process

RT ichthammol

RT in-situ processing

RT in-situ retorting

RT integrated in-situ process

RT kerogen

RT kiviter process

RT lofreco process

RT lurgi-ruhrgas process

RT mahogany zone

RT ntu process

RT occidental flash pyrolysis process

RT oil sands

RT oil shale deposits

RT oil shale fines

RT oil shale industry

RT oil shale processing plants

RT oxy modified in-situ process

RT parah process

RT petrosix process

RT retorting

RT rio blanco oil shale project

RT rise

RT rope process

RT shale gas

RT shale oil

RT shale oil fractions

RT shell pellet heat exchanger retorting

RT spent shales

RT superior process

RT t3 process

RT tosc process

RT uinta formation

RT union oil process

RT wasatch formation

RT white river shale project

oil skimmers

INIS: 1992-07-21; ETDE: 2002-04-17

USE skimmers

oil spill fingerprinting

INIS: 2000-04-12; ETDE: 1978-08-07

USE oil spills

USE pattern recognition

OIL SPILLS

1991-08-14

UF fingerprinting (oil spills)

UF oil spill fingerprinting

BT1 accidents

RT chemical spills

RT hazardous materials spills

RT natural attenuation

RT oil pollution containment

RT petroleum

RT rotating disk removal systems

RT skimmers

RT sorbent recovery systems

RT weir oil recovery systems

oil-water separators

INIS: 2000-04-12; ETDE: 1981-05-18

SEE separation equipment

OIL WELLS

INIS: 1991-08-14; ETDE: 1975-09-11

BT1 wells

RT abandoned wells

RT artificial lifts

RT blowout preventers

RT blowouts

RT carbon dioxide injection

RT drill stem testing

RT dry holes

RT exploratory wells

RT field production equipment

RT gas condensate wells

RT gas lifts

RT interstitial water

RT oil fields

RT petroleum

RT plugging

RT plugging agents

RT sand consolidation

RT water influx

RT well completion

RT well injection equipment

RT well recovery equipment

RT well servicing

RT well stimulation

RT wellhead prices

RT wellheads

OIL YIELDS

1993-07-21

BT1 yields

RT petroleum

RT productivity

OILS

*BT1 other organic compounds

NT1 coal tar oils

NT1 essential oils

NT1 fish oil

NT1 insulating oils

NT1 lipiodol

NT1 lubricating oils

NT1 pyrolytic oils

NT1 road oils

NT1 shale tar oils

NT1 tall oil

NT1 triolein

NT1 vegetable oils

NT2 castor oil

NT2 corn oil

NT2 cottonseed oil

NT2 linseed oil

NT2 olive oil

NT2 palm oil

NT2 peanut oil

NT2 sesame oil

NT2 soybean oil

NT2 sunflower oil

NT1 waste oils

NT1 wood oils

RT bromine number

RT coolants

RT distillates

RT fuel oils

RT greases

RT hydrocarbons

RT petroleum

RT petroleum products

RT terpenes

RT triglycerides

OINTMENTS

RT drugs

RT skin

oiyai

INIS: 1984-06-21; ETDE: 2002-04-17

USE jinr

OK-900A REACTORS

2019-06-24

*BT1 enriched uranium reactors

*BT1 ns 50 let pobedy

*BT1 pwr type reactors

*BT1 small modular reactors

RT ns yamal

OKG-1 REACTOR

UF oskarshamn-1 reactor

*BT1 bwr type reactors

OKG-2 REACTOR

UF oskarshamn-2 reactor

*BT1 bwr type reactors

OKG-3 REACTOR

UF oskarshamn-3 reactor

*BT1 bwr type reactors

OKG-4 REACTOR

UF oskarshamn-4 reactor

*BT1 power reactors

OKINAWA

INIS: 1992-06-04; ETDE: 1980-08-25

BT1 islands

RT japan

OKLAHOMA

*BT1 usa

RT chattanooga formation

RT permian basin

RT sequoyah uf6 production plant

OKLO PHENOMENON

INIS: 1976-01-28; ETDE: 1976-03-12

UF natural reactor oklo

BT1 natural nuclear reactors

RT chain reactions

RT criticality

RT gabon

RT spontaneous fission

RT uranium deposits

RT uranium ores

oktemberian-1 reactor

INIS: 1984-08-23; ETDE: 2002-04-17

USE armenian-1 reactor

oktemberian-2 reactor

INIS: 1984-08-23; ETDE: 1984-09-20

USE armenian-2 reactor

OKTEMBERYAN-2 REACTOR

2000-04-12

*BT1 pwr type reactors

OKUBO MASS FORMULA

BT1 mass formulae

RT particle multiplets

OLADE

2006-10-11

UF latin american energy organization

UF organizacion latinoamericana de energia

BT1 international organizations

old faithful geyser

2000-04-12

(Prior to February 1995, this was a valid ETDE descriptor.)

USE geysers

OLDBURY-A REACTOR*Oldbury on Severn, Gloucestershire, United Kingdom. OLDBURY A-1 and A-2 are permanently shut down since 2012 and 2011.*

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 thermal reactors

OLDBURY-B REACTOR*Oldbury on Severn, Gloucestershire, United Kingdom.*

*BT1 carbon dioxide cooled reactors

*BT1 enriched uranium reactors

*BT1 power reactors

*BT1 thermal reactors

olefins

USE alkenes

OLEIC ACID

*BT1 monocarboxylic acids

RT triolein

olein

USE triolein

OLEORESINS

INIS: 2000-04-12; ETDE: 1979-05-31

Plant products containing chiefly essential oil and resin; obtained from plants such as pine trees.

RT aromatics

RT biomass

OLFACTORY BULBS

*BT1 brain

RT sense organs

oligocene epoch

INIS: 2000-04-12; ETDE: 1977-10-20

USE tertiary period

OLIGONUCLEOTIDES

1994-04-12

Chemically synthesized polynucleotides, generally shorter than 100 nucleotides. (Until April 1994 this concept was indexed to NUCLEOTIDES.)

*BT1 dna

RT dna-cloning

RT dna hybridization

RT nucleotides

RT recombinant dna

OLIGOPHENYLENES

*BT1 aromatics

OLIGOSACCHARIDES

*BT1 saccharides

NT1 disaccharides

NT2 cellobiose

NT2 lactose

NT2 maltose

NT2 saccharose

NT1 raffinose

OLIVE OIL

UF florence oil

UF luccu oil

*BT1 triglycerides

*BT1 vegetable oils

RT olives

OLIVE TREES

INIS: 1975-12-17; ETDE: 1976-01-26

*BT1 magnoliopsida

*BT1 trees

OLIVES

*BT1 fruits

RT dacus oleae

RT olive oil

OLIVINE

(Prior to August 1980 OLIVINES was a valid ETDE descriptor.)

*BT1 silicate minerals

RT anorthosites

RT basalt

RT dielectric track detectors

RT iron silicates

RT kimberlites

RT magnesium silicates

RT peridotites

olkiluoto (halmholmen)-1 reactor

INIS: 1993-11-09; ETDE: 2002-04-17

USE olkiluoto-1 reactor

olkiluoto (halmholmen)-2 reactor

INIS: 1993-11-09; ETDE: 2002-04-17

USE olkiluoto-2 reactor

olkiluoto (halmholmen)-3 reactor

2005-09-08

USE olkiluoto-3 reactor

OLKILUOTO-1 REACTOR

INIS: 1997-06-19; ETDE: 1997-09-08

TVO, Olkiluoto (Halmholmen), Finland.

(From August 1976 till June 1997

(INIS)/September 1997 (ETDE) the descriptor

TVO-1 REACTOR was used for this reactor.

OLKILUOTO REACTOR was also a valid ETDE descriptor till January 1995.)

UF olkiluoto (halmholmen)-1 reactor

UF olkiluoto reactor

UF teollisuuden voima oy-1 reactor

UF tvo-1 reactor

*BT1 bwr type reactors

OLKILUOTO-2 REACTOR

INIS: 1997-06-19; ETDE: 1997-09-08

TVO, Olkiluoto (Halmholmen), Finland.

(From August 1976 till June 1997

(INIS)/September 1997 (ETDE) the descriptor

TVO-2 REACTOR was used for this reactor.

OLKILUOTO REACTOR was also a valid ETDE descriptor till January 1995.)

UF olkiluoto (halmholmen)-2 reactor

UF teollisuuden voima oy-2 reactor

UF tvo-2 reactor

*BT1 bwr type reactors

OLKILUOTO-3 REACTOR

2005-09-08

TVO, Olkiluoto (Halmholmen), Finland. The

Framatome APN/Siemens AG European

Pressurized Water Reactor (EPR.

UF olkiluoto (halmholmen)-3 reactor

UF teollisuuden voima oy-3 reactor

UF tvo-3 reactor

*BT1 pwr type reactors

olkiluoto reactor

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor. TVO-1 REACTOR was a valid ETDE descriptor from August 1976 till September 1997.)

USE olkiluoto-1 reactor

OLYMPIC DAM MINE

INIS: 1990-04-19; ETDE: 1990-05-16

*BT1 uranium mines

RT roxby downs deposit

RT south australia

omaha veterans triga-mk-1

USE triga-veterans reactor

OMAN

INIS: 1981-09-17; ETDE: 1976-10-13

BT1 arab countries

BT1 asia

BT1 developing countries

BT1 middle east

OMEGA-1420 MESONS

1995-07-17

*BT1 vector mesons

OMEGA-1600 MESONS

1995-07-17

*BT1 vector mesons

omega-1675 resonances

INIS: 1987-12-21; ETDE: 1977-03-04

(Prior to December 1987 this was a valid descriptor.)

USE omega3-1670 mesons

omega-1778 resonances

INIS: 1988-03-08; ETDE: 1977-11-10

(Prior to December 1987 this was a valid descriptor.)

USE mesons

OMEGA-2250 BARYONS

1995-07-17

*BT1 omega baryons

OMEGA-782 MESONS

1995-08-07

(Until December 1987 this concept was indexed by OMEGA-784RESONANCES; from then until July 1995 it was indexed by OMEGA-783 MESONS.)

UF omega-783 mesons

UF omega-784 resonances

*BT1 vector mesons

omega-783 mesons

INIS: 1995-08-07; ETDE: 1988-01-25

(From December 1987 until July 1995 this was a valid term.)

USE omega-782 mesons

omega-784 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE omega-782 mesons

OMEGA BARYONS

INIS: 1995-07-17; ETDE: 1988-02-26

*BT1 hyperons

NT1 omega-2250 baryons

NT1 omega particles

NT2 antiomega particles

NT2 omega minus particles

OMEGA C NEUTRAL BARYONS

INIS: 1987-12-21; ETDE: 1988-02-26

*BT1 charmed baryons

OMEGA FACILITY

INIS: 1984-05-28; ETDE: 1979-05-25

Large Nd laser facility at University of Rochester to be used for laser fusion experiments.

RT gdl facility

RT laser fusion reactors

RT neodymium lasers

omega minus

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE omega particles

OMEGA MINUS PARTICLES

1995-07-17

(Until July 1995 this concept was indexed to OMEGA PARTICLES.)

*BT1 omega particles

omega particle beams

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE hyperon beams

OMEGA PARTICLES

1995-07-17

UF omega minus

*BT1 omega baryons

NT1 antiomega particles

NT1 omega minus particles

omega west reactor

USE owr reactor

OMEGA3-1670 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by OMEGA-1675 RESONANCES.)

UF omega-1675 resonances

*BT1 tensor mesons

omentum

USE mesentery

OMNES-MUSKHELISHVILI METHOD

BT1 calculation methods

RT partial waves

omnitrone

1996-06-28

(Until June 1996 this was a valid descriptor.)

USE synchrotrons

OMR TYPE REACTORS

UF organic cooled and moderated reactor

*BT1 organic cooled reactors

*BT1 organic moderated reactors

NT1 arbus reactor

NT1 omre reactor

NT1 pnpf reactor

RT power reactors

OMRE REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1963.

UF organic moderated reactor experiment

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 mixed spectrum reactors

*BT1 omr type reactors

ON-HIGHWAY USE

INIS: 2000-04-12; ETDE: 1982-06-07

RT fuel consumption

RT taxes

on-line computers

USE computers

USE on-line systems

ON-LINE CONTROL SYSTEMS

BT1 control systems

BT1 on-line systems

NT1 computerized control systems

NT2 adaptive systems

RT camac system

RT computer-aided manufacturing

RT fastbus system

RT nuclear instrument modules

RT process computers

RT reactor control systems

RT real time systems

RT remote multiplexing systems

ON-LINE MEASUREMENT SYSTEMS

BT1 on-line systems

RT digitizers

RT fastbus system

RT measuring instruments

RT reactor monitoring systems

ON-LINE SYSTEMS

UF on-line computers

NT1 on-line control systems

NT2 computerized control systems

NT3 adaptive systems

NT1 on-line measurement systems

RT computer networks

RT mwd systems

RT real time systems

ON-SITE INSPECTION

INIS: 1999-01-27; ETDE: 1988-05-23

BT1 inspection

RT in-country detection

RT verification

ON-SITE POWER GENERATION

INIS: 1986-04-03; ETDE: 1980-10-07

Production of power at location of use instead of purchase of power from a utility.

BT1 power generation

RT dispersed storage and generation

RT electric power

RT power plants

RT reactor sites

ONAGAWA-1 REACTOR

Tohoku Electric Power Co., Onagawa, Miyagi, Japan.

UF tohoku-1 reactor

*BT1 bwr type reactors

ONAGAWA-2 REACTOR

INIS: 1989-11-24; ETDE: 1989-12-08

Tohoku Electric Power Co., Onagawa, Miyagi, Japan.

*BT1 bwr type reactors

ONAGAWA-3 REACTOR

INIS: 2000-04-25; ETDE: 2000-05-03

Tohoku Electric Power Co., Onagawa, Miyagi, Japan.

*BT1 bwr type reactors

ONCE-THROUGH COOLING SYSTEMS

1993-03-23

*BT1 cooling systems

RT cooling

ONCOGENES

INIS: 1987-04-28; ETDE: 1985-11-19

Genes whose expression may lead to cancer.

The genes maybe normal components of the genome or be derived from oncogenic viruses.

BT1 genes

RT carcinogenesis

RT growth factors

RT gtp-ases

RT oncogenic transformations

RT oncogenic viruses

ONCOGENIC TRANSFORMATIONS

INIS: 1999-04-21; ETDE: 1979-07-18

The chemical alterations induced in a cell by exposure to carcinogens and leading ultimately to the development of a neoplastic condition.

UF transformations (oncogenic)

BT1 cell transformations

RT carcinogenesis

RT carcinogens

RT oncogenes

ONCOGENIC VIRUSES

INIS: 1976-03-17; ETDE: 1975-08-19

UF epstein-barr virus

UF rous sarcoma virus

UF sv40 virus

UF tumor viruses

*BT1 viruses

NT1 adenovirus

NT1 leukemia viruses

NT1 polyoma virus

RT carcinogenesis

RT leukemia

RT oncogenes

ONCOVIN

INIS: 1976-05-07; ETDE: 1976-08-04

UF vincristine sulfate

*BT1 alkaloids

*BT1 antimetabolic drugs

ONDULATOR RADIATION

*BT1 bremsstrahlung

one-boson-exchange model

USE obe model

ONE-DIMENSIONAL CALCULATIONS

UF 1-dimensional calculations

UF calculations (1-dimensional)

RT adjoint difference method

RT mathematics

ONE-GROUP THEORY

*BT1 neutron transport theory

ONE-NUCLEON TRANSFER REACTIONS

*BT1 transfer reactions

ONIKOBE GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1975-11-28

BT1 geothermal fields

RT japan

ONIONS

1999-08-10

*BT1 liliopsida

*BT1 vegetables

NT1 allium cepa

RT bulbs

RT hylemya antiqua

RT sprout inhibition

onsager principle

USE onsager relations

ONSAGER RELATIONS

UF onsager principle

UF onsager symmetry relations

RT irreversible processes

RT pressure gradients

RT temperature gradients

RT thermodynamics

onsager symmetry relations

USE onsager relations

ONSHORE SITES

INIS: 1992-10-05; ETDE: 1979-12-10

To be used only in conjunction with offshore sites if the paper discusses both.

RT offshore sites

ONSLow BAY

INIS: 2000-04-12; ETDE: 1977-06-02

*BT1 atlantic ocean

*BT1 bays

RT north carolina

RT south atlantic bight

ONTARIO

*BT1 canada
NT1 chalk river
NT1 deep river
NT1 elliot lake
RT ottawa river
RT st lawrence river

ontario phwr pickering-1 reactor

2000-04-12
 USE pickering-1 reactor

ontario phwr pickering-2 reactor

2000-04-12
 USE pickering-2 reactor

ontario phwr pickering-3 reactor

2000-04-12
 USE pickering-3 reactor

ontario phwr pickering-4 reactor

2000-04-12
 USE pickering-4 reactor

ontario phwr pickering-5 reactor

INIS: 1977-11-21; ETDE: 2002-04-17
 USE pickering-5 reactor

ontario phwr pickering-6 reactor

INIS: 1977-11-21; ETDE: 2002-04-17
 USE pickering-6 reactor

ontario phwr pickering-7 reactor

INIS: 1977-11-21; ETDE: 2002-04-17
 USE pickering-7 reactor

ontario phwr pickering-8 reactor

INIS: 1977-11-21; ETDE: 2002-04-17
 USE pickering-8 reactor

ONTOGENESIS

1996-04-30
UF embryonic development
RT animal growth
RT apoptosis
RT cell differentiation
RT embryos
RT fetuses
RT genotype
RT growth factors
RT metamorphosis
RT morphogenesis
RT phenotype
RT zygotes

ONUMA GEOTHERMAL FIELD

2000-04-12
BT1 geothermal fields
RT hachimantai
RT japan

OOCYTES

BT1 germ cells
RT ova

OOGENESIS

BT1 gametogenesis
RT oogonia
RT ova
RT ovaries
RT reproduction

OOGONIA

INIS: 1975-11-07; ETDE: 1975-12-16
BT1 germ cells
RT oogenesis

OPACITY

UF optical density
UF transparency
SF absorptivity (optical)
 *BT1 optical properties

RT attenuation
RT light transmission
RT schlieren method
RT transmission
RT visibility
RT visible radiation

OPAL REACTOR

2005-07-22
Open Pool Australian Light water reactor, ANSTO, Lucas Heights site, Sydney, Australia.
UF australian replacement research reactor
 *BT1 enriched uranium reactors
 *BT1 experimental reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 thermal reactors

OPALINUS CLAY

2009-01-29
 *BT1 clays
RT radioactive waste disposal
RT underground disposal

OPALS

INIS: 1999-03-03; ETDE: 1980-03-04
An amorphous form of silica containing a varying portion of water occuring in nearly all colors.
 *BT1 silica

OPE MODEL

UF pion-exchange model
 *BT1 obe model
NT1 electric born model
RT ope potential

OPE POTENTIAL

BT1 potentials
NT1 gammel-thaler potential
RT nucleon-nucleon potential
RT nucleons
RT ope model

OPEC

INIS: 1997-01-06; ETDE: 1975-08-19
Organization of Oil Exporting Countries.
BT1 international organizations
BT1 oil-exporting countries
RT algeria
RT cartels
RT ecuador
RT gabon
RT indonesia
RT iran
RT iraq
RT kuwait
RT libyan arab jamahiriya
RT middle east
RT nigeria
RT oapec
RT petroleum
RT qatar
RT saudi arabia
RT united arab emirates
RT venezuela

open-circuit voltage

2006-01-19
 USE electric potential

OPEN CONFIGURATIONS

UF magnetic traps (open)
BT1 magnetic field configurations
NT1 baseball seam configurations
NT1 cusped geometries
NT1 magnetic mirror configurations
NT2 tlm configurations
NT1 minimum-b configurations
RT open plasma devices

OPEN-CYCLE COOLING SYSTEMS

1977-09-06
UF wet-type cooling towers
 *BT1 cooling systems
RT coolant loops
RT cooling towers
RT open-cycle systems
RT reactor cooling systems

OPEN-CYCLE MHD GENERATORS

*BT1 mhd generators
RT closed-cycle mhd generators

OPEN-CYCLE SYSTEMS

INIS: 2000-04-12; ETDE: 1975-12-16
RT lift cycles
RT open-cycle cooling systems

open-flow collectors

INIS: 2000-04-12; ETDE: 1978-09-11
 USE trickle-type collectors

OPEN FUEL CYCLE

2018-03-05
Nuclear fuel cycle where the spent fuel is not reprocessed.
BT1 fuel cycle
RT closed fuel cycle

OPEN-LOOP CONTROL

INIS: 1976-09-06; ETDE: 1976-11-01
Without feedback.
BT1 control

open pit mining

INIS: 1975-11-07; ETDE: 2002-02-27
 USE surface mining

OPEN PLASMA DEVICES

BT1 thermonuclear devices
NT1 baseball devices
NT1 gdt device
NT1 linear pinch devices
NT2 linear hard core pinch devices
NT2 linear screw pinch devices
NT2 linear theta pinch devices
NT3 isar devices
NT3 scylla devices
NT2 linear z pinch devices
NT1 magnetic mirrors
NT2 2x devices
NT2 alicé
NT2 beta ii devices
NT2 bumpy tori
NT3 elmo bumpy torus
NT2 burnout devices
NT2 circe devices
NT2 deca devices
NT2 elmo devices
NT3 elmo bumpy torus
NT2 gdt device
NT2 gol-3 device
NT2 imp device
NT2 mftf devices
NT2 ogra
NT2 phoenix devices
NT2 pleiade device
NT2 reversed-field mirrors
NT2 tandem mirrors
NT3 gamma 10 devices
NT3 phaedrus mirror devices
NT3 tara devices
NT3 tmx devices
NT1 plasma focus devices
NT2 pf-1000 device
NT2 pf-3 device
NT1 q devices
NT2 helios devices
NT2 qp devices
RT open configurations

OPENINGS

- NT1 apertures
- NT1 doors
- NT2 storm doors
- NT1 orifices
- NT1 stomata
- NT1 windows
- NT2 storm windows
- RT boreholes
- RT caves
- RT cavities
- RT craters
- RT ducts
- RT mine shafts
- RT shutters
- RT vents

OPERATING COST

- INIS: 1982-12-03; ETDE: 1979-02-23
- BT1 cost
- RT capitalized cost
- RT economic analysis

OPERATING LICENSES

- INIS: 1976-12-08; ETDE: 1978-03-08
- BT1 licenses
- RT licensing procedures
- RT licensing regulations

operating systems (computer)

- INIS: 1988-11-16; ETDE: 2002-04-17
- USE executive codes

OPERATION

- NT1 reactor operation
- NT2 reactor maintenance
- RT maintenance
- RT motor vehicle operators
- RT standby mode
- RT start-up

operation (fission reactor)

- INIS: 1982-11-30; ETDE: 2002-04-17
- USE reactor operation

operation (reactor)

- 2000-04-12
- USE reactor operation

OPERATIONAL AMPLIFIERS

- *BT1 amplifiers

operations offices

- INIS: 2000-04-12; ETDE: 1983-03-24
- USE us doe field offices

operations research

- INIS: 1986-07-09; ETDE: 1982-09-10
- (Prior to March 1997 this was a valid ETDE descriptor.)
- SEE decision making
- SEE input-output analysis
- SEE management
- SEE mathematical models
- SEE optimization

OPERATOR PRODUCT EXPANSION

- INIS: 1988-11-16; ETDE: 1988-12-05
- BT1 series expansion
- RT gauge invariance
- RT quantum operators

operators (mathematical)

- USE mathematical operators

operators (nuclear facilities)

- INIS: 1976-12-08; ETDE: 2002-04-17
- USE nuclear operators

operators (quantum field theory)

- INIS: 1993-11-09; ETDE: 2002-04-17
- USE quantum operators

operators (quantum mechanical)

- USE quantum operators

OPHTHALMOLOGY

- BT1 medicine
- RT eyes
- RT sense organs diseases

opiates

- INIS: 2000-04-12; ETDE: 1981-04-20
- USE narcotics

OPIUM

- INIS: 2000-04-12; ETDE: 1979-03-29
- *BT1 analgesics
- *BT1 narcotics
- NT1 morphine
- NT2 thebaine
- RT papaver somniferum

opix process

- INIS: 2000-04-12; ETDE: 1980-03-29
- Separation of trivalent actinides and rare earths from other fission products in HLW by oxalate precipitation followed by ion exchange.*
- (Prior to April 1994, this was a valid ETDE descriptor.)
- USE radioactive waste processing

opossum

- USE marsupials

OPPENHEIMER-PHILLIPS**PROCESS**

- RT direct reactions
- RT nuclear reactions
- RT stripping

OPTICAL ACTIVITY

- INIS: 1977-06-13; ETDE: 1976-02-19
- The ability to rotate the plane of vibration of polarized light.*
- UF activity (optical)
- *BT1 optical properties
- RT crystal structure
- RT molecular structure
- RT polarization
- RT stereochemistry

optical antipodes

- INIS: 1994-06-27; ETDE: 1976-02-23
- USE enantiomorphs

optical computers

- INIS: 2000-04-12; ETDE: 1986-02-21
- (Prior to March 1997 this was a valid ETDE descriptor.)
- USE computers

optical density

- USE opacity

OPTICAL DEPTH CURVE

- INIS: 1975-08-22; ETDE: 1976-08-24
- *BT1 diagrams
- NT1 spectroscopic curve of growth
- RT absorption spectra
- RT cosmic gases
- RT line broadening
- RT optical properties
- RT oscillator strengths

OPTICAL DISPERSION

- RT diffraction
- RT optics
- RT refraction
- RT refractive index

OPTICAL EQUIPMENT

- 1975-11-07
- UF optical scanners

- UF scanners (optical)
- BT1 equipment
- NT1 optoelectronic devices
- RT antireflection coatings
- RT fiber optics
- RT optical fibers
- RT parametric oscillators

OPTICAL FIBERS

- INIS: 1982-09-21; ETDE: 1982-03-10
- Long, thin threads of transparent materials used to transmit light.*
- UF light guides
- BT1 fibers
- RT fiber optics
- RT optical equipment
- RT optical systems

OPTICAL FILTERS

- BT1 filters
- RT optical systems

optical isomers

- 1994-06-27
- USE enantiomorphs

OPTICAL MICROSCOPES

- BT1 microscopes

OPTICAL MICROSCOPY

- BT1 microscopy
- NT1 scanning light microscopy

OPTICAL MODELS

- 1996-01-24
- UF feshbach-porter-weisskopf model
- UF kisslinger model
- UF models (optical)
- BT1 mathematical models
- RT atomic models
- RT cloudy crystal ball model
- RT fsc approximation
- RT nuclear models
- RT nuclear potential
- RT particle models
- RT perey-buck model
- RT woods-saxon potential

OPTICAL MODES

- UF modes (optical)
- BT1 oscillation modes

OPTICAL PROPERTIES

- BT1 physical properties
- NT1 brightness
- NT1 color
- NT1 emissivity
- NT1 luminosity
- NT1 opacity
- NT1 optical activity
- NT1 reflectivity
- NT1 refractive index
- NT1 spectral reflectance
- RT absorptivity
- RT birefringence
- RT dichroism
- RT diffraction
- RT electro-optical effects
- RT fiber optics
- RT geometrical aberrations
- RT light scattering
- RT light transmission
- RT magneto-optical effects
- RT mirrors
- RT optical depth curve
- RT optical systems
- RT optics
- RT reflective coatings
- RT refraction
- RT spectroscopic curve of growth
- RT visibility

OPTICAL PUMPING

2000-03-28

- UF *pumping (laser)*
- BT1 *pumping*
- RT *double resonance methods*
- RT *electrical pumping*
- RT *excitation*
- RT *lasers*
- RT *nuclear pumping*
- RT *stimulated emission*

OPTICAL PYROMETERS

- *BT1 *pyrometers*
- RT *temperature measurement*

OPTICAL RADAR

INIS: 1992-04-13; ETDE: 1979-01-30

- UF *lidar*
- *BT1 *radar*
- RT *laser radiation*
- RT *lasers*
- RT *optical systems*
- RT *remote sensing*

OPTICAL REFLECTION

1994-09-08

- BT1 *reflection*
- RT *optics*

optical scanners

INIS: 2000-04-12; ETDE: 1977-04-12

Single-unit combinations of a light source and phototube for scanning moving strips of paper or other materials in photoelectric side-register control systems.

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE *image scanners*
- USE *optical equipment*

OPTICAL SPECTROMETERS

- *BT1 *spectrometers*

OPTICAL SYSTEMS

- NT1 *periscopes*
- RT *antireflection coatings*
- RT *beam optics*
- RT *diffraction gratings*
- RT *fiber optics*
- RT *lenses*
- RT *lighting systems*
- RT *mirrors*
- RT *optical fibers*
- RT *optical filters*
- RT *optical properties*
- RT *optical radar*
- RT *optics*
- RT *remote viewing equipment*
- RT *shutters*
- RT *solar reflectors*
- RT *telescopes*

OPTICAL THEOREM

- RT *small angle scattering*

OPTICALLY THICK PLASMA

- BT1 *plasma*

OPTICALLY THIN PLASMA

- BT1 *plasma*

OPTICS

INIS: 1978-01-13; ETDE: 1976-04-19

- NT1 *fiber optics*
- NT1 *nonlinear optics*
- NT1 *quantum optics*
- RT *beam optics*
- RT *illuminance*
- RT *incidence angle*
- RT *optical dispersion*
- RT *optical properties*
- RT *optical reflection*

- RT *optical systems*
- RT *optoelectronic devices*
- RT *quantum electronics*

OPTIMAL CONTROL

INIS: 1976-09-06; ETDE: 1976-11-01

- BT1 *control*
- RT *optimization*

OPTIMIZATION

(From September 1982 till March 1997 OPERATIONS RESEARCH was a valid ETDE descriptor.)

- SF *operations research*
- NT1 *minimization*
- RT *alara*
- RT *augmentation*
- RT *control*
- RT *control systems*
- RT *control theory*
- RT *dynamic programming*
- RT *econometrics*
- RT *genetic algorithms*
- RT *linear programming*
- RT *mitigation*
- RT *modifications*
- RT *nonlinear programming*
- RT *optimal control*
- RT *parametric analysis*
- RT *planning*
- RT *variational methods*

optoacoustic cells

INIS: 1978-02-23; ETDE: 1978-05-01

- USE *photoacoustic spectrometers*

OPTOELECTRONIC DEVICES

2015-02-24

Electrical devices that convert electrical signals to photons or photons to electrical signals

- *BT1 *electronic equipment*
- *BT1 *optical equipment*
- BT1 *transducers*
- RT *fiber optics*
- RT *light transmission*
- RT *optics*
- RT *quantum electronics*
- RT *semiconductor devices*
- RT *visible radiation*

OR-CEF REACTOR

ORNL, Oak Ridge, Tennessee, USA.

- UF *cef-or reactor*
- UF *critical experiments facility oak ridge*
- UF *oak ridge critical experiments facility*
- *BT1 *zero power reactors*

ORAL ADMINISTRATION

- UF *gastric administration*
- BT1 *intake*
- RT *ingestion*
- RT *intestinal absorption*
- RT *radionuclide administration*

ORAL CAVITY

- UF *lips*
- UF *mouth*
- BT1 *digestive system*
- NT1 *teeth*
- NT1 *tongue*
- RT *face*
- RT *head*
- RT *ingestion*
- RT *pharynx*
- RT *salivary glands*

orange event

INIS: 1994-10-14; ETDE: 1976-03-12

A test made during PROJECT HARDTACK. (Prior to September 1994, this was a valid ETDE descriptor.)

- USE *atmospheric explosions*
- USE *nuclear explosions*

orange-type spectrometers

- USE *flat magnetic spectrometers*

ORANGES

- *BT1 *fruits*
- RT *citrus*

ORAU

- UF *oak ridge associated universities*
- *BT1 *us organizations*

ORBIT STABILITY

- BT1 *stability*
- RT *beam dynamics*

ORBITAL ANGULAR MOMENTUM

- BT1 *angular momentum*
- RT *fractional-parentage coefficients*
- RT *j-j coupling*
- RT *l-s coupling*
- RT *spin*

ORBITAL MOMENTUM OPERATORS

- *BT1 *angular momentum operators*

ORBITAL SOLAR POWER PLANTS

1993-02-18

- UF *satellite power system*
- UF *satellite solar power stations*
- *BT1 *solar power plants*
- RT *orbital solar reflectors*
- RT *satellites*

ORBITAL SOLAR REFLECTORS

INIS: 2000-04-12; ETDE: 1980-02-11

For providing concentrated solar radiation to ground-based solar power plants.

- *BT1 *solar reflectors*
- RT *orbital solar power plants*
- RT *solar power plants*

orbiting geophysical observatory

INIS: 1993-11-09; ETDE: 2002-04-17

- USE *ogo satellites*

ORBITING SOLAR OBSERVATORIES

- BT1 *satellites*
- RT *space flight*
- RT *sun*

ORBITS

For electron orbits in atoms use ELECTRONIC STRUCTURE.

- RT *beam dynamics*
- RT *limit cycle*
- RT *precession*
- RT *trajectories*

orc flash pyrolysis process

INIS: 2000-04-12; ETDE: 1977-06-02

- USE *occidental flash pyrolysis process*

ORDER-DISORDER MODEL

INIS: 1977-09-15; ETDE: 1977-11-10

- *BT1 *nuclear models*
- RT *fission*

ORDER-DISORDER TRANSFORMATIONS

- BT1 *phase transformations*
- RT *crystal-phase transformations*
- RT *ising model*
- RT *superlattices*

ORDER PARAMETERS

- BT1 dimensionless numbers
 RT crystal structure
 RT wilson loop

ORDERS

INIS: 2000-04-12; ETDE: 1997-03-31
 (From December 1979 till March 1997
 CONSENT ORDERS was a valid ETDE
 descriptor.)

- UF consent orders
 BT1 administrative procedures

ordnance

INIS: 2000-04-12; ETDE: 1975-08-19
 (Prior to March 1997 this was a valid ETDE
 descriptor.)
 USE military equipment

ORDOVICIAN PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19
 *BT1 paleozoic era

ORE COMPOSITION

- UF abundance (mineral)
 RT abundance
 RT availability
 RT mining
 RT natural occurrence
 RT ores

ORE CONCENTRATES

- UF concentrates (ore)
 UF enriched materials (ores)
 NT1 uranium concentrates
 RT ore enrichment

ORE ENRICHMENT

1996-07-08
 UF enrichment (ores)
 BT1 enrichment
 *BT1 ore processing
 BT1 separation processes
 RT flotation
 RT leaching
 RT ore concentrates

ORE PROCESSING

2000-02-01
 UF processing (ores)
 BT1 processing
 NT1 ore enrichment
 NT1 retorting
 NT2 in-situ retorting
 RT crushing
 RT flotation
 RT in-situ processing
 RT leaching
 RT mill tailings
 RT ores
 RT process control
 RT radiometric sorting
 RT refining
 RT slurries
 RT tailings
 RT thiobacillus oxidans
 RT uranium concentrates

ore reserves

*Index by coordination of RESERVES with
 ORES or with the descriptor for a specific type
 of ore.*
 USE reserves

OREGON

1997-06-17
 *BT1 usa
 NT1 mt hood
 RT cascade mountains
 RT columbia river basin
 RT klamath falls

- RT snake river plain
 RT us west coast

oregon state triga reactor

- USE ostr reactor

ORELA

Oak Ridge Electron Linear Accelerator.
 *BT1 linear accelerators

ORES

1996-07-23
 (Prior to March 1997 RHENIUM ORES and
 SELENIUM ORES were valid ETDE
 descriptors.)

- UF rhenium ores
 UF selenium ores
 NT1 aluminium ores
 NT2 bauxite
 NT1 bismuth ores
 NT1 chromium ores
 NT1 cobalt ores
 NT1 copper ores
 NT1 gold ores
 NT1 iron ores
 NT2 hematite
 NT2 limonite
 NT2 magnetite
 NT2 siderite
 NT1 lead ores
 NT1 manganese ores
 NT1 molybdenum ores
 NT1 nickel ores
 NT1 niobium ores
 NT1 polymetallic ores
 NT1 silver ores
 NT1 sulfur ores
 NT1 tantalum ores
 NT1 tellurium ores
 NT1 thorium ores
 NT1 tin ores
 NT1 titanium ores
 NT1 tungsten ores
 NT1 uranium ores
 NT2 caldasite
 NT2 uranium concentrates
 NT1 vanadium ores
 NT1 yttrium ores
 NT1 zinc ores
 NT1 zirconium ores
 RT environmental materials
 RT geologic deposits
 RT minerals
 RT ore composition
 RT ore processing

organ cultures

- USE tissue cultures

organelles

INIS: 2000-04-12; ETDE: 1985-10-10
 USE cell constituents

ORGANIC ACIDS

1996-06-26
 Not for the concepts covered by NUCLEIC
 ACIDS and NUCLEOTIDES.

- UF acids (organic)
 UF cacodylic acid
 UF sulfinic acids
 BT1 organic compounds
 NT1 arsonic acids
 NT2 arsenazo
 NT1 boronic acids
 NT1 carboxylic acids
 NT2 amino acids
 NT3 alanines
 NT4 alanine-alpha
 NT5 alanine-l
 NT4 alanine-beta
 NT3 aminobutyric acid

- NT3 aminolevulinic acid
 NT3 anthranilic acid
 NT3 arginine
 NT3 asparagine
 NT3 aspartic acid
 NT3 betaine
 NT3 carnitine
 NT3 cda
 NT3 citrulline
 NT3 creatine
 NT3 cysteine
 NT3 cystine
 NT3 dcta
 NT3 diiodotyrosine
 NT3 dopa
 NT3 dtpa
 NT3 eddha
 NT3 edta
 NT3 ethionine
 NT3 folic acid
 NT3 glutamic acid
 NT4 pyridoxylideneglutamate
 NT3 glutamine
 NT3 glycine
 NT3 glycyglycine
 NT3 hedta
 NT3 heida
 NT3 hippuric acid
 NT3 histidine
 NT3 homocysteine
 NT3 hydroxyproline
 NT3 hydroxytryptophan
 NT3 kynurenine
 NT3 leucine
 NT3 lysine
 NT3 methionine
 NT3 methyl red
 NT3 methyl tyrosine
 NT3 mimosine
 NT3 mpg
 NT3 nta
 NT3 ornithine
 NT3 paba
 NT3 pantothenic acid
 NT3 penicillamine
 NT3 phenylalanine
 NT3 phosphocreatine
 NT3 proline
 NT3 sarcosine
 NT3 serine
 NT3 tetaha
 NT3 threonine
 NT3 thyronine
 NT3 thyroxine
 NT3 tryptophan
 NT3 tyrosine
 NT3 valine
 NT2 bile acids
 NT3 cholic acid
 NT2 carminic acid
 NT2 dicarboxylic acids
 NT3 adipic acid
 NT3 fumaric acid
 NT3 glutaric acid
 NT3 itaconic acid
 NT3 maleic acid
 NT3 malonic acid
 NT3 oxalic acid
 NT3 phthalic acid
 NT3 sebacic acid
 NT3 succinic acid
 NT3 terephthalic acid
 NT2 egta
 NT2 glyoxylic acid
 NT2 heterocyclic acids
 NT3 bilirubin
 NT3 biotin
 NT3 histidine
 NT3 hydroxyproline

NT3 lysergic acid
 NT3 nicotinic acid
 NT3 orotic acid
 NT3 picolinic acid
 NT3 porphyrins
 NT4 chlorins
 NT4 chlorophyll
 NT4 hematoporphyrins
 NT4 heme
 NT4 hemoglobin
 NT5 methemoglobin
 NT4 hemosiderin
 NT4 myoglobin
 NT4 protoporphyrins
 NT3 proline
 NT3 rhodamines
 NT3 thioctic acid
 NT3 tryptophan
 NT3 urocanic acid
 NT2 hydroxy acids
 NT3 acetylsalicylic acid
 NT3 benzoic acid
 NT3 carnitine
 NT3 citric acid
 NT3 diiodotyrosine
 NT3 dopa
 NT3 eddha
 NT3 eosin
 NT3 fluorescein
 NT4 erythrosine
 NT3 galacturonic acid
 NT3 gallic acid
 NT3 gibberellic acid
 NT3 gluconic acid
 NT3 glucuronic acid
 NT3 glyceric acid
 NT3 glycolic acid
 NT3 hedta
 NT3 heida
 NT3 hydroxyproline
 NT3 hydroxytryptophan
 NT3 lactic acid
 NT3 malic acid
 NT3 mandelic acid
 NT3 methyl tyrosine
 NT3 mevalonic acid
 NT3 pantothenic acid
 NT3 rose bengal
 NT3 salicylic acid
 NT3 serine
 NT3 shikimic acid
 NT3 tartaric acid
 NT3 threonine
 NT3 thyronine
 NT3 tyrosine
 NT2 keto acids
 NT3 acetoacetic acid
 NT3 kynurenine
 NT3 levulinic acid
 NT3 pyruvic acid
 NT2 mellitic acid
 NT2 monocarboxylic acids
 NT3 abscisic acid
 NT3 acetic acid
 NT3 acrylic acid
 NT3 arachidonic acid
 NT3 benzoic acid
 NT3 butyric acid
 NT3 chlorambucil
 NT3 cinnamic acid
 NT3 crotonic acid
 NT3 decanoic acid
 NT3 dodecanoic acid
 NT3 eicosanoic acid
 NT3 formic acid
 NT3 glycolic acid
 NT3 heptanoic acid
 NT3 hexadecanoic acid
 NT3 hexanoic acid

NT3 isobutyric acid
 NT3 isovaleric acid
 NT3 linoleic acid
 NT3 linolenic acid
 NT3 methacrylic acid
 NT3 nicotinic acid
 NT3 nonanoic acid
 NT3 octadecanoic acid
 NT3 octanoic acid
 NT3 oleic acid
 NT3 pethidine
 NT3 pivalic acid
 NT3 propionic acid
 NT3 sorbic acid
 NT3 tetradecanoic acid
 NT3 trichloroacetic acid
 NT3 uronic acids
 NT3 valeric acid
 NT2 tannic acid
 NT1 coal tar acids
 NT1 fulvic acids
 NT1 humic acids
 NT1 mdpa
 NT1 phosphinic acids
 NT1 phosphonic acids
 NT1 phytic acid
 NT1 shale tar acids
 NT1 sulfonic acids
 NT2 arsenazo
 NT2 bromosulphophthalein
 NT2 chromotropic acid
 NT2 eriochrome dyes
 NT2 evans blue
 NT2 ferron
 NT2 methyl orange
 NT2 nitroso-r salt
 NT2 sulfanilic acid
 NT2 taurine
 NT2 thorin
 NT2 tiron
 NT2 trypan blue
 NT2 unithiol
 NT1 thioic acids
 RT acidification
 RT anhydrides
 RT chloranilic acid
 RT hydrazides
 RT hydroxamic acids
 RT nucleotides
 RT ph value
 RT picric acid
 RT rhodizonic acid
 RT sialic acid
 RT soaps
 RT uric acid

ORGANIC ARSENIC COMPOUNDS

1999-06-18

UF arsonates
 BT1 organic compounds
 NT1 arsonic acids
 NT2 arsenazo
 RT arsenic compounds

ORGANIC BORON COMPOUNDS

BT1 organic compounds
 NT1 carboranes
 RT boron compounds

ORGANIC BROMINE COMPOUNDS

UF bromamines
 UF brominated alicyclic hydrocarbons
 UF brominated hydrocarbons
 *BT1 organic halogen compounds
 NT1 brominated aliphatic hydrocarbons
 NT2 bromoform
 NT2 methyl bromide
 NT1 brominated aromatic hydrocarbons
 NT1 bromosulphophthalein
 NT1 bromouracils

NT2 budr
 NT1 eosin
 RT bromine compounds

ORGANIC CHLORINE COMPOUNDS

1996-10-23

UF chlorinated hydrocarbons
 UF iodochloroquine
 UF thiophosgene
 *BT1 organic halogen compounds
 NT1 chloral
 NT1 chlorambucil
 NT1 chloramines
 NT1 chloranil
 NT1 chlorinated alicyclic hydrocarbons
 NT2 lindane
 NT1 chlorinated aliphatic hydrocarbons
 NT2 carbon tetrachloride
 NT2 chloroform
 NT2 methyl chloride
 NT2 pvc
 NT2 trichloroacetic acid
 NT2 vinyl chloride
 NT1 chlorinated aromatic hydrocarbons
 NT2 aldrin
 NT2 polychlorinated biphenyls
 NT1 chlorofluorocarbons
 NT1 chlorouracils
 NT1 chlorpromazine
 NT1 ddt
 NT1 kel-f
 NT1 methylene chloride
 NT1 neoprene
 NT1 nitrogen mustard
 NT1 phosgene
 NT1 rose bengal
 RT atrazine
 RT chlorine compounds
 RT kepone

ORGANIC COMPOUNDS

UF compounds (organic)
 UF voc
 SF chemicals
 SF renewable resources
 NT1 aldehydes
 NT2 acetaldehyde
 NT2 acrolein
 NT2 aldosterone
 NT2 arabinose
 NT2 benzaldehyde
 NT2 chloral
 NT2 deoxyribose
 NT2 formaldehyde
 NT2 furfural
 NT2 galactose
 NT2 galacturonic acid
 NT2 glucose
 NT2 glucuronic acid
 NT2 glyoxal
 NT2 glyoxylic acid
 NT2 mannose
 NT2 pyridoxal
 NT2 ribose
 NT2 xylose
 NT1 alkaloids
 NT2 atropine
 NT2 cocaine
 NT2 codeine
 NT2 colchicine
 NT2 ephedrine
 NT2 ergotamine
 NT2 eserine
 NT2 lysergic acid
 NT2 morphine
 NT3 thebaine
 NT2 nicotine
 NT2 oncovin
 NT2 pilocarpine

- NT2 quinine
 NT2 reserpine
 NT2 strychnine
 NT2 vinblastine
 NT1 amines
 NT2 acridine orange
 NT2 adenines
 NT3 kinetin
 NT2 aminopterin
 NT2 amphetamines
 NT3 benzedrine
 NT2 aniline
 NT2 benzidine
 NT2 beta-aminoethyl isothiouraea
 NT2 bph
 NT2 cadaverine
 NT2 catecholamines
 NT2 chlorambucil
 NT2 chloramines
 NT2 chlorpromazine
 NT2 cupferron
 NT2 cystamine
 NT2 cystaphos
 NT2 cysteamine
 NT2 cytosine
 NT2 deferoxamine
 NT2 dopamine
 NT2 ephedrine
 NT2 flavines
 NT3 acriflavine
 NT3 proflavine
 NT2 gammaphos
 NT2 guanine
 NT2 hexosamines
 NT3 glucosamine
 NT2 histamine
 NT2 hydroxamic acids
 NT3 benzohydroxamic acid
 NT2 hydroxylamine
 NT2 imipramine
 NT2 luminol
 NT2 melamine
 NT2 methyl orange
 NT2 methyl violet
 NT2 methylamine
 NT2 methylene blue
 NT2 morpholines
 NT2 mucopolysaccharides
 NT3 chitin
 NT3 chondroitin
 NT3 heparin
 NT3 hyaluronic acid
 NT2 nitrogen mustard
 NT2 nitrosamines
 NT2 oximes
 NT3 benzoinoxime
 NT3 dimethylglyoxime
 NT2 piperidines
 NT3 dipyrindamole
 NT3 pethidine
 NT3 triacetoneamine-n-oxyl
 NT2 polycyclic aromatic amines
 NT2 primene
 NT2 putrescine
 NT2 pyrrolidines
 NT3 hydroxyproline
 NT3 nicotine
 NT3 proline
 NT2 rhodamines
 NT2 spermidine
 NT2 spermine
 NT2 sulfanilic acid
 NT2 taurine
 NT2 tda
 NT2 teta
 NT2 tetryl
 NT2 thiamine
 NT2 thionine
 NT2 toluidines
 NT2 tridodecylamine
 NT2 trioctylamine
 NT2 trypan blue
 NT2 tryptamines
 NT3 melatonin
 NT3 serotonin
 NT4 bufotenine
 NT2 tyramine
 NT2 urotropin
 NT1 antibiotics
 NT2 actinomycin
 NT2 bleomycin
 NT2 chloramphenicol
 NT2 cycloheximide
 NT2 doxorubicin
 NT2 erythromycin
 NT2 mitomycin
 NT2 neocarcinostatin
 NT2 neomycin
 NT2 penicillin
 NT2 puromycin
 NT2 streptomycin
 NT2 streptozocin
 NT2 tetracyclines
 NT3 oxytetracycline
 NT2 valinomycin
 NT1 carbohydrates
 NT2 glycosides
 NT3 cardiac glycosides
 NT4 digitalis glycosides
 NT5 digitoxin
 NT5 digoxin
 NT4 strophanthins
 NT5 ouabain
 NT3 saponins
 NT3 strophantin
 NT3 uridine diphosphoglucose
 NT2 saccharides
 NT3 glycolipids
 NT4 cerebrosides
 NT4 gangliosides
 NT3 glycoproteins
 NT4 avidin
 NT4 glucoproteins
 NT5 lactoferrin
 NT5 ovalbumin
 NT4 luteinizing hormone
 NT3 monosaccharides
 NT4 erythritol
 NT4 hexoses
 NT5 fructose
 NT5 galactose
 NT5 glucose
 NT5 hexosamines
 NT6 glucosamine
 NT5 mannose
 NT5 sorbose
 NT4 inositols
 NT5 inositol
 NT4 pentoses
 NT5 arabinose
 NT5 deoxyribose
 NT5 ribose
 NT5 ribulose
 NT5 xylose
 NT4 sorbitol
 NT3 oligosaccharides
 NT4 disaccharides
 NT5 cellobiose
 NT5 lactose
 NT5 maltose
 NT5 saccharose
 NT4 raffinose
 NT3 polysaccharides
 NT4 agar
 NT4 alginic acid
 NT4 cellophane
 NT4 cellulose
 NT4 dextran
 NT4 dextrin
 NT4 glycogen
 NT4 gum acacia
 NT4 hemicellulose
 NT5 xylans
 NT4 inulin
 NT4 lignin
 NT4 lipopolysaccharides
 NT4 mucopolysaccharides
 NT5 chitin
 NT5 chondroitin
 NT5 heparin
 NT5 hyaluronic acid
 NT4 mucoproteins
 NT5 haptoglobins
 NT5 intrinsic factor
 NT5 phytohemagglutinin
 NT4 nitrocellulose
 NT4 pectins
 NT4 rayon
 NT4 starch
 NT4 viscose
 NT4 xanthan gum
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 NT2 carbamates
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 NT3 urethane
 NT2 carbazides
 NT2 carbazones
 NT3 dithizone
 NT2 cyanamides
 NT2 cyanates
 NT2 dpca
 NT2 guanidines
 NT3 mibg
 NT2 isocyanates
 NT2 isonitriles
 NT2 isothiocyanates
 NT2 mercaptoethylguanidine
 NT2 methyl nitrosourea
 NT2 phosgene
 NT2 semicarbazides
 NT2 semicarbazones
 NT2 thiocyanates
 NT3 ammonium thiocyanates
 NT2 thioureas
 NT3 beta-aminoethyl isothiouraea
 NT3 thiourea
 NT2 urea
 NT1 coal tar bases
 NT1 esters
 NT2 acetylcholine
 NT2 carbonic acid esters
 NT2 carboxylic acid esters
 NT3 acetic acid esters
 NT4 methyl acetate
 NT4 polyvinyl acetate
 NT4 vinyl acetate
 NT3 acetoacetic acid esters
 NT3 acrylic acid esters
 NT3 bromosulphophthalein
 NT3 carbamic acid esters
 NT3 citric acid esters
 NT3 glucoheptonate
 NT3 malathion
 NT3 methacrylic acid esters
 NT3 oxalic acid esters
 NT3 phenolphthalein
 NT3 retinoic acid
 NT2 cellulose esters
 NT3 nitrocellulose
 NT2 isocyanic acid esters
 NT2 lactones
 NT3 coumarin
 NT3 gibberellic acid
 NT2 nitric acid esters
 NT3 nitrocellulose
 NT3 nitroglycerin
 NT3 peroxyacetyl nitrate

NT3 petn
 NT2 nitrous acid esters
 NT2 phorbol esters
 NT2 phosphinic acid esters
 NT2 phospholipids
 NT3 cardiolipin
 NT3 lecithins
 NT3 sphingomyelins
 NT2 phosphonic acid esters
 NT3 damp
 NT3 dhdecmp
 NT2 phosphoric acid esters
 NT3 butyl phosphates
 NT4 dbp
 NT4 mbp
 NT4 tbp
 NT3 hdehp
 NT3 mdpa
 NT3 phytic acid
 NT3 tcp
 NT2 phthalic acid esters
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 NT3 lucite
 NT3 perspex
 NT3 plexiglas
 NT3 pmma
 NT2 polyesters
 NT3 polyethylene terephthalate
 NT4 dacron
 NT4 homalite
 NT4 mylar
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 NT3 alkyl benzenesulfonates
 NT3 ethyl methanesulfonate
 NT3 methyl methanesulfonate
 NT3 petroleum sulfonates
 NT2 sulfuric acid esters
 NT2 thiophosphoric acid esters
 NT3 cystaphos
 NT3 gammaphos
 NT3 parathion
 NT2 triglycerides
 NT3 corn oil
 NT3 linseed oil
 NT3 olive oil
 NT3 peanut oil
 NT3 soybean oil
 NT3 triolein
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 NT2 azaarenes
 NT3 acridines
 NT4 acridine orange
 NT4 flavines
 NT5 acriflavine
 NT5 proflavine
 NT3 carbazoles
 NT3 indoles
 NT4 indigo
 NT4 indocyanine green
 NT4 lysergic acid
 NT4 reserpine
 NT4 strychnine
 NT4 tryptamines
 NT5 melatonin
 NT5 serotonin
 NT6 bufotenine
 NT4 tryptophan
 NT4 vinblastine
 NT3 phenanthrolines
 NT4 ferroin
 NT4 phenanthroline-ortho
 NT3 pteridines
 NT4 aminopterin
 NT4 folic acid
 NT3 purines
 NT4 adenines
 NT5 kinetin
 NT4 guanine
 NT4 guanosine

NT4 hypoxanthine
 NT4 inosine
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 NT4 xanthines
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 NT5 theophylline
 NT5 uric acid
 NT3 quinolines
 NT4 ferron
 NT4 oxine
 NT4 quinaldine
 NT2 azines
 NT3 phenothiazines
 NT4 chlorpromazine
 NT4 methylene blue
 NT3 pyrazines
 NT4 phenazine
 NT4 piperazines
 NT3 pyridazines
 NT4 phthalazines
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 NT3 pyridines
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 NT5 acridine orange
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 NT6 proflavine
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 NT4 nicotinic acid
 NT4 picolines
 NT5 picolinic acid
 NT4 piperidines
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 NT5 triacetoneamine-n-oxyl
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 NT4 pyridinium compounds
 NT4 pyridoxal
 NT4 pyridoxine
 NT4 pyridoxylideneglutamate
 NT4 pyridylazonaphthol
 NT4 pyridylazoresorcinol
 NT4 quinolines
 NT5 ferron
 NT5 oxine
 NT5 quinaldine
 NT3 pyrimidines
 NT4 alloxan
 NT4 barbiturates
 NT5 nembutal
 NT5 phenobarbital
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 NT4 cytosine
 NT4 deoxycytidine
 NT4 thiamine
 NT4 thymidine
 NT5 fluorothymidine
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 NT5 bromouracils
 NT6 budr
 NT5 chlorouracils
 NT5 deoxyuridine
 NT5 fluorouracils
 NT6 fudr
 NT5 iodouracils
 NT6 iododeoxyuridine
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 NT5 thymine
 NT5 uridine
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 NT4 cyanurates
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 NT3 carbazoles
 NT3 imidazoles

NT4 allantoin
 NT4 benzimidazoles
 NT4 biotin
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 NT4 histamine
 NT4 histidine
 NT4 hydantoins
 NT4 metronidazole
 NT4 misonidazole
 NT4 urocanic acid
 NT3 oxadiazoles
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 NT3 pyrazoles
 NT4 indazoles
 NT4 pyrazolines
 NT5 antipyrine
 NT3 pyrroles
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 NT4 indoles
 NT5 indigo
 NT5 indocyanine green
 NT5 lysergic acid
 NT5 reserpine
 NT5 strychnine
 NT5 tryptamines
 NT6 melatonin
 NT6 serotonin
 NT7 bufotenine
 NT5 tryptophan
 NT5 vinblastine
 NT4 pyrrolidines
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 NT5 nicotine
 NT5 proline
 NT4 pyrrolidones
 NT5 pvp
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 NT3 thiadiazoles
 NT3 thiazoles
 NT4 benzothiazoles
 NT4 saccharin
 NT4 thiamine
 NT3 triazoles
 NT2 bedt-ttf
 NT2 dioxane
 NT2 dioxin
 NT2 furans
 NT3 benzofurans
 NT3 furfural
 NT3 tetrahydrofuran
 NT4 mthf
 NT2 heterocyclic acids
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 NT3 biotin
 NT3 histidine
 NT3 hydroxyproline
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 NT3 nicotinic acid
 NT3 orotic acid
 NT3 picolinic acid
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 NT4 chlorins
 NT4 chlorophyll
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 NT4 hemoglobin
 NT5 methemoglobin
 NT4 hemosiderin
 NT4 myoglobin
 NT4 protoporphyrins
 NT3 proline
 NT3 rhodamines
 NT3 thioctic acid
 NT3 tryptophan
 NT3 urocanic acid
 NT2 heterocyclic oxygen compounds

- NT3** pyrans
NT4 coumarin
NT4 hematoxylin
NT4 pyrones
NT4 quercetin
NT4 tetrahydropyran
NT2 imipramine
NT2 isoalloxazines
NT3 diaphorase
NT2 lactones
NT3 coumarin
NT3 gibberellic acid
NT2 morpholines
NT2 phthalocyanines
NT2 polycyclic sulfur heterocycles
NT2 psoralen
NT2 tetrathiafulvalene
NT2 thionaphthenes
NT2 thionine
NT2 thiophene
NT2 tmts
NT2 trioxanes
NT2 tta
NT2 ttf-tcnq
NT1 hydroaromatics
NT2 tetralin
NT1 hydrocarbons
NT2 alkanes
NT3 2-2-dimethylpropane
NT3 2-methylbutane
NT3 2-methylpropane
NT3 butane
NT3 cycloalkanes
NT4 cyclohexane
NT4 decalin
NT3 decane
NT3 dodecane
NT3 ethane
NT3 heptane
NT3 hexadecane
NT3 hexane
NT3 methane
NT3 octane
NT3 paraffin
NT3 pentane
NT3 propane
NT3 squalane
NT2 alkenes
NT3 2-methylpropene
NT3 butenes
NT3 cycloalkenes
NT4 cyclopentadiene
NT4 norbornadiene
NT4 quadricyclene
NT3 ethylene
NT3 heptenes
NT3 hexenes
NT3 octenes
NT3 pentenes
NT3 propylene
NT2 alkynes
NT3 acetylene
NT3 cycloalkynes
NT3 propyne
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NT3 acetophenone
NT3 alkylated aromatics
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NT4 cymene
NT4 durene
NT4 mesitylene
NT4 methyl-naphthalenes
NT4 styrene
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NT4 xylenes
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NT6 theobromine
NT6 theophylline
NT6 uric acid
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NT5 oxine
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NT3 biphenyl
NT3 ddt
NT3 divinylbenzene
NT3 halogenated aromatic hydrocarbons
NT4 brominated aromatic hydrocarbons
NT4 chlorinated aromatic hydrocarbons
NT5 aldrin
NT5 polychlorinated biphenyls
NT4 fluorinated aromatic hydrocarbons
NT4 iodinated aromatic hydrocarbons
NT3 indan
NT3 methyl tyrosine
NT3 oligophenylenes
NT3 pethidine
NT3 phenols
NT4 cresols
NT4 dinitrophenol
NT4 eriochrome dyes
NT4 hydroxypropiophenone
NT4 naphthols
NT5 1-nitroso-2-naphthol
NT5 nitroso-r salt
NT5 pyridylazonaphthol
NT5 thorin
NT5 trypan blue
NT4 nitrophenol
NT4 phenol
NT4 phenolphthalein
NT4 picric acid
NT4 polyphenols
NT5 arsenazo
NT5 bromosulfophthalein
NT5 catecholamines
NT5 curcumin
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NT5 fluorescein
NT6 erythrosine
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NT5 morin
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NT5 pyrocatechol
NT5 pyrogallol
NT5 quercetin
NT5 resorcinol
NT5 stilbestrol
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NT4 xylenols
NT3 phenylalanine
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NT4 acenaphthene
NT4 anthracene
NT4 azulene
NT4 benzanthracene
NT4 benzopyrene
NT4 calixarenes
NT4 cholanthrene
NT4 chrysene
NT4 dimethylbenzanthracene
NT4 fluorene
NT4 indene
NT4 indocyanine green
NT4 methyl-naphthalenes
NT4 naphthalene
NT4 pentacene
NT4 perylene
NT4 phenanthrene
NT4 polyphenyls
NT5 terphenyls
NT6 terphenyl-ortho
NT6 terphenyl-para
NT4 pyrene
NT4 quaterphenyls
NT4 tetracene
NT4 triphenylene
NT3 quinones
NT4 anthraquinones
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NT5 carminic acid
NT5 quinizarin
NT4 benzoquinones
NT5 chloranil
NT5 chloranilic acid
NT5 plastoquinone
NT5 ubiquinone
NT4 rhodizonic acid
NT4 vitamin k
NT3 stilbene
NT3 tetralin
NT3 tolan
NT3 triphenylmethane dyes
NT4 methyl violet
NT4 methylthymol blue
NT2 carotenoids
NT2 polyenes
NT3 dienes
NT4 allene
NT4 butadiene
NT4 cyclopentadiene
NT4 ferrocene
NT4 isoprene
NT4 pentadienes
NT3 polyacetylenes
NT3 squalene
NT1 hydroxy compounds
NT2 alcohols

NT3 2-methylpropanol
 NT3 benzhydrol
 NT3 benzyl alcohol
 NT3 butanols
 NT3 choline
 NT3 cyclohexanol
 NT3 decanols
 NT3 enols
 NT3 erythritol
 NT3 ethanol
 NT4 bioethanol
 NT5 cellulosic ethanol
 NT3 glycerol
 NT3 glycols
 NT4 butanediols
 NT4 cellosolves
 NT4 egta
 NT4 ethylene glycols
 NT5 polyethylene glycols
 NT6 carbowax
 NT6 pluronics
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 NT3 methanol
 NT3 metronidazole
 NT3 misonidazole
 NT3 octanols
 NT3 pentanols
 NT3 propanols
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 NT4 dexamethasone
 NT4 hydrocortisone
 NT4 prednisolone
 NT4 prednisone
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 NT2 estriol
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NT3 picric acid
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 NT4 cholic acid
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 NT3 sitosterol
 NT2 testosterone
 NT2 thiamine
 NT2 uracils
 NT3 bromouracils
 NT4 budr
 NT3 chlorouracils
 NT3 deoxyuridine
 NT3 fluorouracils
 NT4 fudr
 NT3 iodouracils
 NT4 iododeoxyuridine
 NT3 orotic acid
 NT3 thiouracil
 NT3 thymine
 NT3 uridine
 NT1 isoenzymes
 NT1 ketones
 NT2 2-3-pentanediol
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 NT4 prednisone
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 NT4 aldosterone
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 NT2 hydroxypropiofenone
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 NT2 sorbose

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 NT3 ribosomal rna
 NT3 transfer rna
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 NT2 cytidylic acid
 NT2 guanylic acid
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 NT2 nadh2
 NT2 nadp
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 NT3 fudr
 NT3 guanosine
 NT3 inosine
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 NT4 fluorothymidine
 NT3 uridine
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 NT2 uridine diphosphoglucose
 NT2 uridylic acid
 NT2 utp
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 NT2 arsonic acids
 NT3 arsenazo
 NT2 boronic acids
 NT2 carboxylic acids
 NT3 amino acids
 NT4 alanines
 NT5 alanine-alpha
 NT6 alanine-l
 NT5 alanine-beta
 NT4 aminobutyric acid
 NT4 aminolevulinic acid
 NT4 anthranilic acid
 NT4 arginine
 NT4 asparagine
 NT4 aspartic acid
 NT4 betaine
 NT4 carnitine

- NT4** cdta
NT4 citrulline
NT4 creatine
NT4 cysteine
NT4 cystine
NT4 dcta
NT4 diiodotyrosine
NT4 dopa
NT4 dtpa
NT4 eddha
NT4 edta
NT4 ethionine
NT4 folic acid
NT4 glutamic acid
NT5 pyridoxylideneglutamate
NT4 glutamine
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NT4 glycyglycine
NT4 hedta
NT4 heida
NT4 hippuric acid
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NT4 hydroxytryptophan
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NT4 leucine
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NT4 methyl tyrosine
NT4 mimosine
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NT4 ornithine
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NT4 serine
NT4 tetaha
NT4 threonine
NT4 thyronine
NT4 thyroxine
NT4 tryptophan
NT4 tyrosine
NT4 valine
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NT4 cholic acid
NT3 carminic acid
NT3 dicarboxylic acids
NT4 adipic acid
NT4 fumaric acid
NT4 glutaric acid
NT4 itaconic acid
NT4 maleic acid
NT4 malonic acid
NT4 oxalic acid
NT4 phthalic acid
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NT4 succinic acid
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NT4 hydroxyproline
NT4 lysergic acid
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NT4 orotic acid
NT4 picolinic acid
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NT5 chlorophyll
- NT5** hematoporphyrins
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NT5 hemoglobin
NT6 methemoglobin
NT5 hemosiderin
NT5 myoglobin
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NT4 citric acid
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NT4 dopa
NT4 eddha
NT4 eosin
NT4 fluorescein
NT5 erythrosine
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NT4 gibberellic acid
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NT4 hydroxyproline
NT4 hydroxytryptophan
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NT4 rose bengal
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NT4 serine
NT4 shikimic acid
NT4 tartaric acid
NT4 threonine
NT4 thyronine
NT4 tyrosine
NT3 keto acids
NT4 acetoacetic acid
NT4 kynurenine
NT4 levulinic acid
NT4 pyruvic acid
NT3 mellitic acid
NT3 monocarboxylic acids
NT4 abscisic acid
NT4 acetic acid
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NT4 arachidonic acid
NT4 benzoic acid
NT4 butyric acid
NT4 chlorambucil
NT4 cinnamic acid
NT4 crotonic acid
NT4 decanoic acid
NT4 dodecanoic acid
NT4 eicosanoic acid
NT4 formic acid
NT4 glycolic acid
NT4 heptanoic acid
NT4 hexadecanoic acid
NT4 hexanoic acid
NT4 isobutyric acid
NT4 isovaleric acid
NT4 linoleic acid
NT4 linolenic acid
NT4 methacrylic acid
NT4 nicotinic acid
NT4 nonanoic acid
- NT4** octadecanoic acid
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NT4 oleic acid
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NT4 pivalic acid
NT4 propionic acid
NT4 sorbic acid
NT4 tetradecanoic acid
NT4 trichloroacetic acid
NT4 uronic acids
NT4 valeric acid
NT3 tannic acid
NT2 coal tar acids
NT2 fulvic acids
NT2 humic acids
NT2 mdpa
NT2 phosphinic acids
NT2 phosphonic acids
NT2 phytic acid
NT2 shale tar acids
NT2 sulfonic acids
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NT3 chromotropic acid
NT3 eriochrome dyes
NT3 evans blue
NT3 ferron
NT3 methyl orange
NT3 nitroso-r salt
NT3 sulfanilic acid
NT3 taurine
NT3 thorin
NT3 tiron
NT3 trypan blue
NT3 unithiol
NT2 thioic acids
NT1 organic arsenic compounds
NT2 arsonic acids
NT3 arsenazo
NT1 organic boron compounds
NT2 carboranes
NT1 organic halogen compounds
NT2 halogenated alicyclic hydrocarbons
NT3 chlorinated alicyclic hydrocarbons
NT4 lindane
NT3 fluorinated alicyclic hydrocarbons
NT3 iodinated alicyclic hydrocarbons
NT2 halogenated aliphatic hydrocarbons
NT3 brominated aliphatic hydrocarbons
NT4 bromoform
NT4 methyl bromide
NT3 chlorinated aliphatic hydrocarbons
NT4 carbon tetrachloride
NT4 chloroform
NT4 methyl chloride
NT4 pvc
NT4 trichloroacetic acid
NT4 vinyl chloride
NT3 fluorinated aliphatic hydrocarbons
NT4 carbon tetrafluoride
NT4 fluoroform
NT4 methyl fluoride
NT4 polytetrafluoroethylene
NT5 teflon
NT4 tedlar
NT3 freons
NT3 iodinated aliphatic hydrocarbons
NT4 iodoform
NT4 methyl iodide
NT2 halogenated aromatic hydrocarbons
NT3 brominated aromatic hydrocarbons
NT3 chlorinated aromatic hydrocarbons
NT4 aldrin
NT4 polychlorinated biphenyls

- NT3** fluorinated aromatic hydrocarbons
NT3 iodinated aromatic hydrocarbons
NT2 organic bromine compounds
NT3 brominated aliphatic hydrocarbons
NT4 bromoform
NT4 methyl bromide
NT3 brominated aromatic hydrocarbons
NT3 bromosulphophthalein
NT3 bromouracils
NT4 budr
NT3 eosin
NT2 organic chlorine compounds
NT3 chloral
NT3 chlorambucil
NT3 chloramines
NT3 chloranil
NT3 chlorinated alicyclic hydrocarbons
NT4 lindane
NT3 chlorinated aliphatic hydrocarbons
NT4 carbon tetrachloride
NT4 chloroform
NT4 methyl chloride
NT4 pvc
NT4 trichloroacetic acid
NT4 vinyl chloride
NT3 chlorinated aromatic hydrocarbons
NT4 aldrin
NT4 polychlorinated biphenyls
NT3 chlorofluorocarbons
NT3 chlorouracils
NT3 chlorpromazine
NT3 ddt
NT3 kel-f
NT3 methylene chloride
NT3 neoprene
NT3 nitrogen mustard
NT3 phosgene
NT3 rose bengal
NT2 organic fluorine compounds
NT3 chlorofluorocarbons
NT3 fluorinated alicyclic hydrocarbons
NT3 fluorinated aliphatic hydrocarbons
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NT4 fluoroform
NT4 methyl fluoride
NT4 polytetrafluoroethylene
NT5 teflon
NT4 tedlar
NT3 fluorinated aromatic hydrocarbons
NT3 fluoroestradiol
NT3 fluorothymidine
NT3 fluorouracils
NT4 fudr
NT3 kel-f
NT3 tta
NT2 organic iodine compounds
NT3 diiodotyrosine
NT3 erythrosine
NT3 ferron
NT3 iodinated alicyclic hydrocarbons
NT3 iodinated aliphatic hydrocarbons
NT4 iodoform
NT4 methyl iodide
NT3 iodinated aromatic hydrocarbons
NT3 iodouracils
NT4 iododeoxyuridine
NT3 lipiodol
NT3 mibg
NT3 pbi
NT3 rose bengal
NT3 thyroxine
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NT2 methylmercury
NT1 organic nitrogen compounds
NT2 amides
NT3 acetamide
NT3 acrylamide
NT3 asparagine
NT3 dimethylformamide
NT3 formamide
NT3 glutamine
NT3 hydroxyurea
NT3 lactams
NT4 pyrrolidones
NT5 pvp
NT3 metrizamide
NT3 nicotinamide
NT3 sulfenamides
NT3 sulfonamides
NT3 thionalide
NT3 urea
NT2 amidines
NT2 azaarenes
NT3 acridines
NT4 acridine orange
NT4 flavines
NT5 acriflavine
NT5 proflavine
NT3 carbazoles
NT3 indoles
NT4 indigo
NT4 indocyanine green
NT4 lysergic acid
NT4 reserpine
NT4 strychnine
NT4 tryptamines
NT5 melatonin
NT5 serotonin
NT6 bufotenine
NT4 tryptophan
NT4 vinblastine
NT3 phenanthrolines
NT4 ferroin
NT4 phenanthroline-ortho
NT3 pteridines
NT4 aminopterin
NT4 folic acid
NT3 purines
NT4 adenines
NT5 kinetin
NT4 guanine
NT4 guanosine
NT4 hypoxanthine
NT4 inosine
NT4 mercaptopurine
NT4 xanthines
NT5 caffeine
NT5 theobromine
NT5 theophylline
NT5 uric acid
NT3 quinolines
NT4 ferron
NT4 oxine
NT4 quinaldine
NT2 azido compounds
NT2 azines
NT3 phenothiazines
NT4 chlorpromazine
NT4 methylene blue
NT3 pyrazines
NT4 phenazine
NT4 piperazines
NT3 pyridazines
NT4 phthalazines
NT5 luminol
NT3 pyridines
NT4 acridines
NT5 acridine orange
NT5 flavines
NT6 acriflavine
NT6 proflavine
NT4 bipyridines
NT4 nicotinamide
NT4 nicotine
NT4 nicotinic acid
NT4 picolines
NT5 picolinic acid
NT4 piperidines
NT5 dipyrindamole
NT5 pethidine
NT5 triacetoneamine-n-oxyl
NT4 pyridine
NT4 pyridinium compounds
NT4 pyridoxal
NT4 pyridoxine
NT4 pyridoxylideneglutamate
NT4 pyridylazonaphthol
NT4 pyridylazoresorcinol
NT4 quinolines
NT5 ferron
NT5 oxine
NT5 quinaldine
NT3 pyrimidines
NT4 alloxan
NT4 barbiturates
NT5 nembital
NT5 phenobarbital
NT4 cytidine
NT4 cytosine
NT4 deoxycytidine
NT4 thiamine
NT4 thymidine
NT5 fluorothymidine
NT4 uracils
NT5 bromouracils
NT6 budr
NT5 chlorouracils
NT5 deoxyuridine
NT5 fluorouracils
NT6 fudr
NT5 iodouracils
NT6 iododeoxyuridine
NT5 orotic acid
NT5 thiouracil
NT5 thymine
NT5 uridine
NT3 triazines
NT4 cyanurates
NT4 melamine
NT2 azo compounds
NT3 arsenazo
NT3 azo dyes
NT4 eriochrome dyes
NT4 evans blue
NT4 methyl orange
NT4 methyl red
NT4 toluidine blue
NT4 trypan blue
NT2 azoles
NT3 carbazoles
NT3 imidazoles
NT4 allantoin
NT4 benzimidazoles
NT4 biotin
NT4 creatinine
NT4 histamine
NT4 histidine
NT4 hydantoins
NT4 metronidazole
NT4 misonidazole
NT4 urocanic acid
NT3 oxadiazoles
NT3 oxazoles
NT4 benzoxazoles
NT4 popop
NT3 pyrazoles
NT4 indazoles
NT4 pyrazolines
NT5 antipyrine
NT3 pyrroles

- NT4** bilirubin
NT4 indoles
NT5 indigo
NT5 indocyanine green
NT5 lysergic acid
NT5 reserpine
NT5 strychnine
NT5 tryptamines
NT6 melatonin
NT6 serotonin
NT7 bufotenine
NT5 tryptophan
NT5 vinblastine
NT4 pyrrolidines
NT5 hydroxyproline
NT5 nicotine
NT5 proline
NT4 pyrrolidones
NT5 pvp
NT3 tetrazoles
NT4 tetrazolium
NT3 thiadiazoles
NT3 thiazoles
NT4 benzothiazoles
NT4 saccharin
NT4 thiamine
NT3 triazoles
NT2 carbamates
NT3 dedtc
NT3 urethane
NT2 carbazides
NT2 carbazones
NT3 dithizone
NT2 cyanamides
NT2 diazo compounds
NT3 pyridylazonaphthol
NT3 pyridylazoresorcinol
NT3 thorin
NT2 dpca
NT2 gangliosides
NT2 guanidines
NT3 mibg
NT2 hydrazides
NT3 isoniazid
NT2 hydrazones
NT2 imides
NT3 nem
NT2 imines
NT3 creatinine
NT3 schiff bases
NT2 imipramine
NT2 isoalloxazines
NT3 diaphorase
NT2 melanin
NT2 morpholines
NT2 nitriles
NT3 acetonitrile
NT3 acrylonitrile
NT3 propiolonitrile
NT3 ttf-tcnq
NT2 nitro compounds
NT3 dinitrophenol
NT3 dpqh
NT3 metronidazole
NT3 misonidazole
NT3 nitrobenzene
NT3 nitromethane
NT3 nitrophenol
NT3 picric acid
NT3 polycyclic nitro compounds
NT3 tetryl
NT3 tnt
NT2 nitroso compounds
NT3 1-nitroso-2-naphthol
NT3 methyl nitrosourea
NT3 nitrosamines
NT3 nitroso-r salt
NT3 nitrosoureas
NT2 oximes
NT3 benzoinoxime
NT3 dimethylglyoxime
NT2 parathion
NT2 porphyrins
NT3 chlorins
NT3 chlorophyll
NT3 hematoporphyrins
NT3 heme
NT3 hemoglobin
NT4 methemoglobin
NT3 hemosiderin
NT3 myoglobin
NT3 protoporphyrins
NT2 semicarbazides
NT2 semicarbazones
NT2 tamoxifen
NT2 thionine
NT1 organic oxygen compounds
NT2 allantoin
NT2 alloxan
NT2 barbiturates
NT3 nembutal
NT3 phenobarbital
NT2 benzoyl peroxide
NT2 cyanurates
NT2 cytosine
NT2 dioxane
NT2 dioxin
NT2 epoxides
NT3 araldite
NT2 ethers
NT3 acetals
NT4 acetal
NT3 anisole
NT3 butyl ether
NT3 cellosolves
NT3 crown ethers
NT3 curcumin
NT3 dme
NT3 ethyl ether
NT3 isopropyl ether
NT3 methyl ether
NT3 methylal
NT3 mexamine
NT3 morpholines
NT3 phenyl ether
NT2 flavonoids
NT3 flavones
NT4 morin
NT4 quercetin
NT2 furans
NT3 benzofurans
NT3 furfural
NT3 tetrahydrofuran
NT4 mthf
NT2 heterocyclic oxygen compounds
NT3 pyrans
NT4 coumarin
NT4 hematoxylin
NT4 pyrones
NT4 quercetin
NT4 tetrahydropyran
NT2 isoalloxazines
NT3 diaphorase
NT2 ketenes
NT2 malathion
NT2 oxadiazoles
NT2 oxazoles
NT3 benzoxazoles
NT3 popop
NT2 psoralen
NT2 pyridoxal
NT2 quinones
NT3 anthraquinones
NT4 alizarin
NT4 carminic acid
NT4 quinizarin
NT3 benzoquinones
NT4 chloranil
NT4 chloranilic acid
NT4 plastoquinone
NT4 ubiquinone
NT3 rhodizonic acid
NT3 vitamin k
NT2 rhodamines
NT2 saccharin
NT2 semicarbazides
NT2 triacetoneamine-n-oxyl
NT2 trioxanes
NT2 xanthines
NT3 caffeine
NT3 theobromine
NT3 theophylline
NT3 uric acid
NT1 organic phosphorus compounds
NT2 casein
NT2 cmpo
NT2 cystaphos
NT2 malathion
NT2 parathion
NT2 phosphinic acid esters
NT2 phosphinic acids
NT2 phosphocreatine
NT2 phospholipids
NT3 cardiolipin
NT3 lecithins
NT3 sphingomyelins
NT2 phosphonates
NT2 phosphonic acid esters
NT3 damp
NT3 dhdecmp
NT2 phosphonic acids
NT2 phosphoric acid esters
NT3 butyl phosphates
NT4 dbp
NT4 mbp
NT4 tbp
NT3 hdehp
NT3 mdpa
NT3 phytic acid
NT3 tcp
NT2 tributylphosphine oxide
NT2 trioctylphosphine oxide
NT2 trioctylphosphine sulfide
NT2 triphenylphosphine
NT2 triphenylphosphine oxide
NT2 uridine diphosphoglucose
NT1 organic polymers
NT2 araldite
NT2 copolymers
NT2 graft polymers
NT2 neoprene
NT2 plastic foams
NT2 plastics
NT3 aramids
NT3 bakelite
NT3 formvar
NT3 lucite
NT3 mylar
NT3 nylon
NT3 perspex
NT3 plexiglas
NT3 polystyrene
NT3 polyurethanes
NT4 halthane
NT3 reinforced plastics
NT3 tedlar
NT3 teflon
NT3 thermoplastics
NT2 polyacetals
NT3 formvar
NT3 polyoxymethylenes
NT2 polyacetylenes
NT2 polyamides
NT3 nylon
NT3 polyurethanes
NT4 halthane
NT2 polycarbonates

- NT2 polyesters
 NT3 polyethylene terephthalate
 NT4 dacron
 NT4 homalite
 NT4 mylar
 NT2 polyethylene glycols
 NT3 carbowax
 NT3 pluronics
 NT2 polyisoprene
 NT2 polyolefins
 NT3 polyethylenes
 NT4 kel-f
 NT4 polytetrafluoroethylene
 NT5 teflon
 NT3 polypropylene
 NT3 polystyrene
 NT3 polystyrene-dvb
 NT2 polyvinyls
 NT3 polyacrylates
 NT4 lucite
 NT4 perspex
 NT4 plexiglas
 NT4 pmma
 NT3 polystyrene
 NT3 polyvinyl acetate
 NT3 pva
 NT3 pvc
 NT3 pvp
 NT3 tedlar
 NT2 resins
 NT2 rubbers
 NT3 buna
 NT3 latex
 NT3 natural rubber
 NT3 silastic
 NT3 viton
 NT2 textolite
 NT1 organic silicon compounds
 NT2 silanes
 NT2 siloxanes
 NT3 silicones
 NT4 silastic
 NT1 organic sulfur compounds
 NT2 bedt-ttf
 NT2 biotin
 NT2 cystamine
 NT2 dedtc
 NT2 dimethyl sulfide
 NT2 disulfides
 NT3 cystine
 NT3 thioctic acid
 NT2 dithizone
 NT2 ethionine
 NT2 heparin
 NT2 isothiocyantes
 NT2 methionine
 NT2 phenothiazines
 NT3 chlorpromazine
 NT3 methylene blue
 NT2 polycyclic sulfur heterocycles
 NT2 sulfenamides
 NT2 sulfonamides
 NT2 sulfonates
 NT3 indocyanine green
 NT3 petroleum sulfonates
 NT2 sulfones
 NT2 sulfonic acid esters
 NT3 alkyl benzenesulfonates
 NT3 ethyl methanesulfonate
 NT3 methyl methanesulfonate
 NT3 petroleum sulfonates
 NT2 sulfonic acids
 NT3 arsenazo
 NT3 bromosulphophthalein
 NT3 chromotropic acid
 NT3 eriochrome dyes
 NT3 evans blue
 NT3 ferron
 NT3 methyl orange
 NT3 nitroso-r salt
 NT3 sulfanilic acid
 NT3 taurine
 NT3 thorin
 NT3 tiron
 NT3 trypan blue
 NT3 unithiol
 NT2 sulfoxides
 NT3 dmsa
 NT3 dpso
 NT2 sulfuric acid esters
 NT2 tetrathiafulvalene
 NT2 thiadiazoles
 NT2 thiazoles
 NT3 benzothiazoles
 NT3 saccharin
 NT3 thiamine
 NT2 thiocyanates
 NT3 ammonium thiocyanates
 NT2 thioic acids
 NT2 thiols
 NT3 cysteamine
 NT3 cysteine
 NT3 dithiols
 NT4 dimercaprol
 NT4 unithiol
 NT3 malathion
 NT3 mercaptoethylguanidine
 NT3 mercaptopurine
 NT3 mpg
 NT3 penicillamine
 NT3 thionalide
 NT3 thiouracil
 NT2 thionaphthenes
 NT2 thionates
 NT2 thionine
 NT2 thionyl halides
 NT3 thionyl chlorides
 NT2 thiophene
 NT2 thiophenols
 NT2 thioureas
 NT3 beta-aminoethyl isothiurea
 NT3 thiourea
 NT2 trioctylphosphine sulfide
 NT2 tta
 NT2 ttf-tcnq
 NT2 xanthates
 NT3 viscose
 NT1 organometallic compounds
 NT2 grignard reagents
 NT2 lactoferrin
 NT2 tetraethyl lead
 NT1 other organic compounds
 NT2 amber
 NT2 asphaltite
 NT2 oils
 NT3 coal tar oils
 NT3 essential oils
 NT3 fish oil
 NT3 insulating oils
 NT3 lipiodol
 NT3 lubricating oils
 NT3 pyrolytic oils
 NT3 road oils
 NT3 shale tar oils
 NT3 tall oil
 NT3 triolein
 NT3 vegetable oils
 NT4 castor oil
 NT4 corn oil
 NT4 cottonseed oil
 NT4 linseed oil
 NT4 olive oil
 NT4 palm oil
 NT4 peanut oil
 NT4 sesame oil
 NT4 soybean oil
 NT4 sunflower oil
 NT3 waste oils
 NT3 wood oils
 NT2 pitches
 NT2 soaps
 NT2 tar
 NT3 bitumens
 NT4 asphalts
 NT4 coal tar
 NT4 thucholite
 NT3 shale tar
 NT2 waxes
 NT3 carbowax
 NT3 paraffin
 NT1 proteins
 NT2 actin
 NT2 albumins
 NT3 luciferin
 NT2 blood coagulation factors
 NT3 fibrin
 NT3 fibrinogen
 NT3 kallikrein
 NT3 plasminogen
 NT3 prothrombin
 NT3 thrombin
 NT3 thromboplastin
 NT3 urokinase
 NT2 calmodulin
 NT2 casein
 NT2 chlorophyll-binding proteins
 NT2 complement
 NT2 cytochromes
 NT2 enzymes
 NT3 dna helicases
 NT3 gene recombination proteins
 NT3 hydrolases
 NT4 acid anhydases
 NT5 gtp-ases
 NT5 phosphohydrolases
 NT6 atp-ase
 NT4 esterases
 NT5 carboxylesterases
 NT6 cholinesterase
 NT6 lipases
 NT5 phosphatases
 NT6 acid phosphatase
 NT6 alkaline phosphatase
 NT6 nucleotidases
 NT5 phosphodiesterases
 NT6 nucleases
 NT7 dna-ase
 NT8 endonucleases
 NT7 rna-ase
 NT4 glycosyl hydrolases
 NT5 o-glycosyl hydrolases
 NT6 amylase
 NT6 cellulase
 NT6 galactosidase
 NT6 glucosidase
 NT6 glucuronidase
 NT6 hyaluronidase
 NT6 lysozyme
 NT6 xylanase
 NT4 non-peptide c-n hydrolases
 NT5 amidases
 NT6 arginase
 NT6 urease
 NT5 amidinases
 NT4 peptide hydrolases
 NT5 acid proteinases
 NT6 pepsin
 NT5 aminopeptidases
 NT5 carboxypeptidases
 NT5 nonspecific peptidases
 NT6 renin
 NT6 urokinase
 NT5 serine proteinases
 NT6 chymotrypsin
 NT6 fibrinolysin
 NT6 kallikrein
 NT6 thrombin

NT6 trypsin
 NT5 sh-proteinases
 NT6 cathepsins
 NT6 papain
 NT6 streptococcal proteinase
 NT3 isomerases
 NT3 ligases
 NT3 lyases
 NT4 carbon-carbon lyases
 NT5 aldehyde-lyases
 NT5 aldolases
 NT5 carboxy-lyases
 NT6 carboxylase
 NT6 decarboxylases
 NT6 ribulose diphosphate carboxylase
 NT4 carbon-oxygen lyases
 NT5 hyaluronidase
 NT5 hydro-lyases
 NT6 carbonic anhydrase
 NT4 cyclases
 NT4 dna methylases
 NT3 oxidoreductases
 NT4 amine oxidases
 NT4 aryl 4-monooxygenase
 NT4 diaphorase
 NT4 hemiacetal dehydrogenases
 NT5 alcohol dehydrogenase
 NT5 lactate dehydrogenase
 NT4 hydrogenases
 NT4 hydroxylases
 NT5 tyrosinase
 NT4 nitro-group dehydrogenases
 NT5 nitrogenase
 NT4 oxidases
 NT5 cytochrome oxidase
 NT5 luciferase
 NT4 oxygenases
 NT5 mixed-function oxidases
 NT4 peroxidases
 NT5 catalase
 NT4 superoxide dismutase
 NT3 transferases
 NT4 carbon-group transferases
 NT5 methyl transferases
 NT4 glycosyl transferases
 NT5 hexosyl transferases
 NT5 pentosyl transferases
 NT6 hypoxanthine phosphoribosyltransferase
 NT4 nitrogen transferases
 NT5 aminotransferases
 NT4 phosphorus-group transferases
 NT5 nucleotidyltransferases
 NT6 polymerases
 NT7 dna polymerases
 NT7 rna polymerases
 NT5 phosphotransferases
 NT6 hexokinase
 NT2 gelatin
 NT2 globins
 NT3 hemoglobin
 NT4 methemoglobin
 NT3 myoglobin
 NT2 globulins
 NT3 angiotensin
 NT3 fibrinogen
 NT3 globulins-alpha
 NT4 ceruloplasmin
 NT4 haptoglobins
 NT3 globulins-beta
 NT4 transferrin
 NT3 globulins-gamma
 NT3 immunoglobulins
 NT3 lactoferrin
 NT3 myosin
 NT3 thyroglobulin
 NT2 glycoproteins
 NT3 avidin

NT3 glucoproteins
 NT4 lactoferrin
 NT4 ovalbumin
 NT3 luteinizing hormone
 NT2 growth factors
 NT3 lymphokines
 NT4 interferon
 NT2 heat-shock proteins
 NT2 histones
 NT2 lipoproteins
 NT3 apolipoproteins
 NT3 myelin
 NT2 membrane proteins
 NT3 porins
 NT3 receptors
 NT3 thylakoid membrane proteins
 NT4 phycobiliproteins
 NT5 phycocyanin
 NT2 metalloproteins
 NT3 ceruloplasmin
 NT3 ferredoxin
 NT3 ferritin
 NT3 hemocyanin
 NT3 hemosiderin
 NT3 lactoferrin
 NT3 metallothionein
 NT3 rubredoxin
 NT3 transferrin
 NT2 mucoproteins
 NT3 haptoglobins
 NT3 intrinsic factor
 NT3 phytohemagglutinin
 NT2 nucleoproteins
 NT2 pbi
 NT2 peptide hormones
 NT3 calcitonin
 NT3 erythropoietin
 NT3 gastrin
 NT3 glucagon
 NT3 insulin
 NT3 leptin
 NT3 parathormone
 NT3 pituitary hormones
 NT4 acth
 NT4 gonadotropins
 NT5 fsh
 NT5 hcg
 NT5 lth
 NT5 luteinizing hormone
 NT4 liberins
 NT5 lh-rh
 NT4 oxytocin
 NT4 sth
 NT4 tsh
 NT4 vasopressin
 NT3 secretin
 NT3 thyroid hormones
 NT4 diiodothyronine
 NT4 thyrocalcitonin
 NT4 thyroxine
 NT4 triiodothyronine
 NT3 thyronine
 NT3 trh
 NT2 peptides
 NT3 cyclosporine
 NT3 glycylglycine
 NT3 polypeptides
 NT4 calcitonin
 NT4 endorphins
 NT5 enkephalins
 NT4 endothelins
 NT4 gastrin
 NT4 glucagon
 NT4 glutathione
 NT4 kinins
 NT5 bradykinin
 NT4 leptin
 NT2 peptone
 NT2 phosphoproteins

NT2 phytochromes
 NT3 chlorophyll
 NT2 protamines
 NT2 rhodopsin
 NT2 scleroproteins
 NT3 collagen
 NT3 fibrin
 NT3 gluten
 NT3 keratin
 NT2 transcription factors
 NT2 tropomyosin
 NT2 zein
 NT1 shale tar bases
 NT1 steroids
 NT2 androstanes
 NT3 androgens
 NT4 androstenedione
 NT4 androsterone
 NT4 hydroxyandrostenone
 NT4 testosterone
 NT2 estranes
 NT3 estradiol
 NT4 fluoroestradiol
 NT3 estriol
 NT3 estrone
 NT2 pregnanes
 NT3 corticosteroids
 NT4 glucocorticoids
 NT5 corticosterone
 NT5 cortisone
 NT5 dexamethasone
 NT5 hydrocortisone
 NT5 prednisolone
 NT5 prednisone
 NT4 mineralocorticoids
 NT5 aldosterone
 NT3 hydroxypregnenone
 NT3 progesterone
 NT2 sterols
 NT3 bile acids
 NT4 cholic acid
 NT3 cholesterol
 NT3 ergosterol
 NT3 sitosterol
 NT1 terpenes
 NT2 camphor
 NT2 carotenoids
 NT2 squalene
 NT2 turpentine
 RT chemical feedstocks
 RT clathrates
 RT organic semiconductors
 RT organic superconductors
 RT polar compounds
 RT translocation

ORGANIC COOLANTS

BT1 coolants
 RT aromatics
 RT organic cooled reactors
 RT polyphenyls
 RT refrigerants

organic cooled and heavy water moderated chalk river reactor

INIS: 1993-11-09; ETDE: 2002-04-17
 USE zed-2 reactor

organic cooled and moderated reactor

1993-11-09
 USE omr type reactors

organic cooled heavy water moderated chalk river reactor

2000-04-12
 USE zed-2 reactor

ORGANIC COOLED REACTORS

BT1 reactors

NT1 eco reactor
 NT1 eocr reactor
 NT1 essor reactor
 NT1 lwor type reactors
 NT1 omr type reactors
 NT2 arbus reactor
 NT2 omre reactor
 NT2 pnpf reactor
 NT1 wr-1 reactor
 NT1 zed-2 reactor
 RT organic coolants

ORGANIC CRYSTAL PHOSPHORS

BT1 phosphors
 RT anthracene
 RT solid scintillation detectors
 RT stilbene

ORGANIC FLUORINE COMPOUNDS

UF fluorinated hydrocarbons
 *BT1 organic halogen compounds
 NT1 chlorofluorocarbons
 NT1 fluorinated alicyclic hydrocarbons
 NT1 fluorinated aliphatic hydrocarbons
 NT2 carbon tetrafluoride
 NT2 fluoroform
 NT2 methyl fluoride
 NT2 polytetrafluoroethylene
 NT3 teflon
 NT2 tedlar
 NT1 fluorinated aromatic hydrocarbons
 NT1 fluoroestradiol
 NT1 fluorothymidine
 NT1 fluorouracils
 NT2 fudr
 NT1 kel-f
 NT1 tta
 RT fluorine compounds

ORGANIC HALOGEN COMPOUNDS

UF halogenated hydrocarbons
 BT1 organic compounds
 NT1 halogenated alicyclic hydrocarbons
 NT2 chlorinated alicyclic hydrocarbons
 NT3 lindane
 NT2 fluorinated alicyclic hydrocarbons
 NT2 iodinated alicyclic hydrocarbons
 NT1 halogenated aliphatic hydrocarbons
 NT2 brominated aliphatic hydrocarbons
 NT3 bromoform
 NT3 methyl bromide
 NT2 chlorinated aliphatic hydrocarbons
 NT3 carbon tetrachloride
 NT3 chloroform
 NT3 methyl chloride
 NT3 pvc
 NT3 trichloroacetic acid
 NT3 vinyl chloride
 NT2 fluorinated aliphatic hydrocarbons
 NT2 carbon tetrafluoride
 NT3 fluoroform
 NT3 methyl fluoride
 NT3 polytetrafluoroethylene
 NT4 teflon
 NT3 tedlar
 NT2 freons
 NT2 iodinated aliphatic hydrocarbons
 NT3 iodoform
 NT3 methyl iodide
 NT1 halogenated aromatic hydrocarbons
 NT2 brominated aromatic hydrocarbons
 NT2 chlorinated aromatic hydrocarbons
 NT3 aldrin
 NT3 polychlorinated biphenyls
 NT2 fluorinated aromatic hydrocarbons
 NT2 iodinated aromatic hydrocarbons
 NT1 organic bromine compounds
 NT2 brominated aliphatic hydrocarbons
 NT3 bromoform
 NT3 methyl bromide

NT2 brominated aromatic hydrocarbons
 NT2 bromosulfophthalein
 NT2 bromouracils
 NT3 budr
 NT2 eosin
 NT1 organic chlorine compounds
 NT2 chloral
 NT2 chlorambucil
 NT2 chloramines
 NT2 chloranil
 NT2 chlorinated alicyclic hydrocarbons
 NT3 lindane
 NT2 chlorinated aliphatic hydrocarbons
 NT3 carbon tetrachloride
 NT3 chloroform
 NT3 methyl chloride
 NT3 pvc
 NT3 trichloroacetic acid
 NT3 vinyl chloride
 NT2 chlorinated aromatic hydrocarbons
 NT3 aldrin
 NT3 polychlorinated biphenyls
 NT2 chlorofluorocarbons
 NT2 chlorouracils
 NT2 chlorpromazine
 NT2 ddt
 NT2 kel-f
 NT2 methylene chloride
 NT2 neoprene
 NT2 nitrogen mustard
 NT2 phosgene
 NT2 rose bengal
 NT1 organic fluorine compounds
 NT2 chlorofluorocarbons
 NT2 fluorinated alicyclic hydrocarbons
 NT2 fluorinated aliphatic hydrocarbons
 NT3 carbon tetrafluoride
 NT3 fluoroform
 NT3 methyl fluoride
 NT3 polytetrafluoroethylene
 NT4 teflon
 NT3 tedlar
 NT2 fluorinated aromatic hydrocarbons
 NT2 fluoroestradiol
 NT2 fluorothymidine
 NT2 fluorouracils
 NT3 fudr
 NT2 kel-f
 NT2 tta
 NT1 organic iodine compounds
 NT2 diiodotyrosine
 NT2 erythrosine
 NT2 ferron
 NT2 iodinated alicyclic hydrocarbons
 NT2 iodinated aliphatic hydrocarbons
 NT3 iodoform
 NT3 methyl iodide
 NT2 iodinated aromatic hydrocarbons
 NT2 iodouracils
 NT3 iododeoxyuridine
 NT2 lipiodol
 NT2 mibg
 NT2 pbi
 NT2 rose bengal
 NT2 thyroxine
 RT halogen compounds
 RT refrigerants

ORGANIC INSULATORS

RT dielectric materials
 RT electrical insulation
 RT electrical insulators

ORGANIC IODINE COMPOUNDS

1996-10-23
 UF diodrast
 UF hypaque
 UF iodinated hydrocarbons
 UF iodochloroquine
 UF iodopyracet

UF ioglycamic acid
 UF risa
 *BT1 organic halogen compounds
 NT1 diiodotyrosine
 NT1 erythrosine
 NT1 ferron
 NT1 iodinated alicyclic hydrocarbons
 NT1 iodinated aliphatic hydrocarbons
 NT2 iodoform
 NT2 methyl iodide
 NT1 iodinated aromatic hydrocarbons
 NT1 iodouracils
 NT2 iododeoxyuridine
 NT1 lipiodol
 NT1 mibg
 NT1 pbi
 NT1 rose bengal
 NT1 thyroxine
 RT iodine compounds

ORGANIC ION EXCHANGERS

UF amberlite
 UF dowex
 UF permutit (organic)
 *BT1 ion exchange materials
 NT1 polystyrene-dvb

ORGANIC MATTER

INIS: 1982-07-22; ETDE: 1980-10-27
 Only for unspecified materials containing chain and ring compounds of carbon; if specific organic compounds are studied, use descriptors for the compounds.

BT1 matter
 NT1 kerogen
 NT1 peat
 RT acid neutralizing capacity
 RT carbonaceous materials
 RT geochemistry

ORGANIC MERCURY COMPOUNDS

1999-03-03
 BT1 organic compounds
 NT1 methylmercury
 RT mercury compounds

organic moderated reactor experiment

1993-11-09
 USE omre reactor

organic moderated reactor piqua

2000-04-12
 USE pnpf reactor

ORGANIC MODERATED REACTORS

BT1 reactors
 NT1 akr-1 reactor
 NT1 eocr reactor
 NT1 omr type reactors
 NT2 arbus reactor
 NT2 omre reactor
 NT2 pnpf reactor
 NT1 rospo reactor
 NT1 sur-100 series reactor
 NT1 viper reactor
 NT1 zerlina reactor
 RT organic moderators

ORGANIC MODERATORS

BT1 moderators
 RT aromatics
 RT organic moderated reactors
 RT polyphenyls

ORGANIC NITROGEN COMPOUNDS

1996-10-23
 Excluding those concepts included under the descriptors: PROTEINS, AMINES,

ALKALOIDS, AMINO ACIDS, NUCLEIC ACIDS, and NUCLEOTIDES.

UF guanethidine

UF imidines

BT1 organic compounds

NT1 amides

NT2 acetamide

NT2 acrylamide

NT2 asparagine

NT2 dimethylformamide

NT2 formamide

NT2 glutamine

NT2 hydroxyurea

NT2 lactams

NT3 pyrrolidones

NT4 pvp

NT2 metrizamide

NT2 nicotinamide

NT2 sulfenamides

NT2 sulfonamides

NT2 thionalide

NT2 urea

NT1 amidines

NT1 azaarenes

NT2 acridines

NT3 acridine orange

NT3 flavines

NT4 acriflavine

NT4 proflavine

NT2 carbazoles

NT2 indoles

NT3 indigo

NT3 indocyanine green

NT3 lysergic acid

NT3 reserpine

NT3 strychnine

NT3 tryptamines

NT4 melatonin

NT4 serotonin

NT5 bufotenine

NT3 tryptophan

NT3 vinblastine

NT2 phenanthrolines

NT3 ferroin

NT3 phenanthroline-ortho

NT2 pteridines

NT3 aminopterin

NT3 folic acid

NT2 purines

NT3 adenines

NT4 kinetin

NT3 guanine

NT3 guanosine

NT3 hypoxanthine

NT3 inosine

NT3 mercaptopurine

NT3 xanthines

NT4 caffeine

NT4 theobromine

NT4 theophylline

NT4 uric acid

NT2 quinolines

NT3 ferron

NT3 oxine

NT3 quinaldine

NT1 azido compounds

NT1 azines

NT2 phenothiazines

NT3 chlorpromazine

NT3 methylene blue

NT2 pyrazines

NT3 phenazine

NT3 piperazines

NT2 pyridazines

NT3 phthalazines

NT4 luminol

NT2 pyridines

NT3 acridines

NT4 acridine orange

NT4 flavines

NT5 acriflavine

NT5 proflavine

NT3 bipyridines

NT3 nicotinamide

NT3 nicotine

NT3 nicotinic acid

NT3 picolines

NT4 picolinic acid

NT3 piperidines

NT4 dipyridamole

NT4 pethidine

NT4 triacetoneamine-n-oxyl

NT3 pyridine

NT3 pyridinium compounds

NT3 pyridoxal

NT3 pyridoxine

NT3 pyridoxylideneglutamate

NT3 pyridylazonaphthol

NT3 pyridylazoresorcinol

NT3 quinolines

NT4 ferron

NT4 oxine

NT4 quinaldine

NT2 pyrimidines

NT3 alloxan

NT3 barbiturates

NT4 nembutal

NT4 phenobarbital

NT3 cytidine

NT3 cytosine

NT3 deoxycytidine

NT3 thiamine

NT3 thymidine

NT4 fluorothymidine

NT3 uracils

NT4 bromouracils

NT5 budr

NT4 chlorouracils

NT4 deoxyuridine

NT4 fluorouracils

NT5 fudr

NT4 iodouracils

NT5 iododeoxyuridine

NT4 orotic acid

NT4 thiouracil

NT4 thymine

NT4 uridine

NT2 triazines

NT3 cyanurates

NT3 melamine

NT1 azo compounds

NT2 arsenazo

NT2 azo dyes

NT3 eriochrome dyes

NT3 evans blue

NT3 methyl orange

NT3 methyl red

NT3 toluidine blue

NT3 trypan blue

NT1 azoles

NT2 carbazoles

NT2 imidazoles

NT3 allantoin

NT3 benzimidazoles

NT3 biotin

NT3 creatinine

NT3 histamine

NT3 histidine

NT3 hydantoins

NT3 metronidazole

NT3 misonidazole

NT3 urocanic acid

NT2 oxadiazoles

NT2 oxazoles

NT3 benzoxazoles

NT3 popop

NT2 pyrazoles

NT3 indazoles

NT3 pyrazolines

NT4 antipyrine

NT2 pyrroles

NT3 bilirubin

NT3 indoles

NT4 indigo

NT4 indocyanine green

NT4 lysergic acid

NT4 reserpine

NT4 strychnine

NT4 tryptamines

NT5 melatonin

NT5 serotonin

NT6 bufotenine

NT4 tryptophan

NT4 vinblastine

NT3 pyrrolidines

NT4 hydroxyproline

NT4 nicotine

NT4 proline

NT3 pyrrolidones

NT4 pvp

NT2 tetrazoles

NT3 tetrazolium

NT2 thiadiazoles

NT2 thiazoles

NT3 benzothiazoles

NT3 saccharin

NT3 thiamine

NT2 triazoles

NT1 carbamates

NT2 dedtc

NT2 urethane

NT1 carbazides

NT1 carbazones

NT2 dithizone

NT1 cyanamides

NT1 diazo compounds

NT2 pyridylazonaphthol

NT2 pyridylazoresorcinol

NT2 thorin

NT1 dpca

NT1 gangliosides

NT1 guanidines

NT2 mibg

NT1 hydrazides

NT2 isoniazid

NT1 hydrazones

NT1 imides

NT2 nem

NT1 imines

NT2 creatinine

NT2 schiff bases

NT1 imipramine

NT1 isoalloxazines

NT2 diaphorase

NT1 melanin

NT1 morpholines

NT1 nitriles

NT2 acetoneitrile

NT2 acrylonitrile

NT2 propiolonitrile

NT2 ttf-tcnq

NT1 nitro compounds

NT2 dinitrophenol

NT2 dpqh

NT2 metronidazole

NT2 misonidazole

NT2 nitrobenzene

NT2 nitromethane

NT2 nitrophenol

NT2 picric acid

NT2 polycyclic nitro compounds

NT2 tetryl

NT2 tnt

NT1 nitroso compounds

NT2 1-nitroso-2-naphthol

NT2 methyl nitrosoourea

NT2 nitrosamines

NT2 nitroso-r salt
 NT2 nitrosoureas
 NT1 oximes
 NT2 benzoinoxime
 NT2 dimethylglyoxime
 NT1 parathion
 NT1 porphyrins
 NT2 chlorins
 NT2 chlorophyll
 NT2 hematoporphyrins
 NT2 heme
 NT2 hemoglobin
 NT3 methemoglobin
 NT2 hemosiderin
 NT2 myoglobin
 NT2 protoporphyrins
 NT1 semicarbazides
 NT1 semicarbazones
 NT1 tamoxifen
 NT1 thionine
 RT diazotization
 RT nitrogen compounds
 RT squarylium dyes

ORGANIC OXYGEN COMPOUNDS

1996-07-18

Excluding those concepts included under the descriptors: HYDROXY COMPOUNDS, CARBONIC ACID DERIVATIVES, LIPIDS, ORGANIC ACIDS, ALDEHYDES, KETONES, and ESTERS.

UF murexide
 UF parabanic acid
 UF purpuric acid
 UF tmpn
 BT1 organic compounds
 NT1 allantoin
 NT1 alloxan
 NT1 barbiturates
 NT2 nembutal
 NT2 phenobarbital
 NT1 benzoyl peroxide
 NT1 cyanurates
 NT1 cytosine
 NT1 dioxane
 NT1 dioxin
 NT1 epoxides
 NT2 araldite
 NT1 ethers
 NT2 acetals
 NT3 acetal
 NT2 anisole
 NT2 butyl ether
 NT2 cellosolves
 NT2 crown ethers
 NT2 curcumin
 NT2 dme
 NT2 ethyl ether
 NT2 isopropyl ether
 NT2 methyl ether
 NT2 methylal
 NT2 mexamine
 NT2 morpholines
 NT2 phenyl ether
 NT1 flavonoids
 NT2 flavones
 NT3 morin
 NT3 quercetin
 NT1 furans
 NT2 benzofurans
 NT2 furfural
 NT2 tetrahydrofuran
 NT3 mthf
 NT1 heterocyclic oxygen compounds
 NT2 pyrans
 NT3 coumarin
 NT3 hematoxylin
 NT3 pyrones
 NT3 quercetin

NT3 tetrahydropyran
 NT1 isoalloxazines
 NT2 diaphorase
 NT1 ketenes
 NT1 malathion
 NT1 oxadiazoles
 NT1 oxazoles
 NT2 benzoxazoles
 NT2 popop
 NT1 psoralen
 NT1 pyridoxal
 NT1 quinones
 NT2 anthraquinones
 NT3 alizarin
 NT3 carminic acid
 NT3 quinizarin
 NT2 benzoquinones
 NT3 chloranil
 NT3 chloranilic acid
 NT3 plastoquinone
 NT3 ubiquinone
 NT2 rhodizonic acid
 NT2 vitamin k
 NT1 rhodamines
 NT1 saccharin
 NT1 semicarbazides
 NT1 triacetoneamine-n-oxyl
 NT1 trioxanes
 NT1 xanthines
 NT2 caffeine
 NT2 theobromine
 NT2 theophylline
 NT2 uric acid
 RT oxygen compounds

ORGANIC PHOSPHORUS COMPOUNDS

Excluding those concepts covered by NUCLEIC ACIDS and NUCLEOTIDES.

UF diphenylphosphine oxide
 UF dpo
 BT1 organic compounds
 NT1 casein
 NT1 cmpo
 NT1 cystaphos
 NT1 malathion
 NT1 parathion
 NT1 phosphinic acid esters
 NT1 phosphinic acids
 NT1 phosphocreatine
 NT1 phospholipids
 NT2 cardiolipin
 NT2 lecithins
 NT2 sphingomyelins
 NT1 phosphonates
 NT1 phosphonic acid esters
 NT2 dampa
 NT2 dhdecmp
 NT1 phosphonic acids
 NT1 phosphoric acid esters
 NT2 butyl phosphates
 NT3 dbp
 NT3 mbp
 NT3 tbp
 NT2 hdehp
 NT2 mdpa
 NT2 phytic acid
 NT2 tcp
 NT1 tributylphosphine oxide
 NT1 trioctylphosphine oxide
 NT1 trioctylphosphine sulfide
 NT1 triphenylphosphine
 NT1 triphenylphosphine oxide
 NT1 uridine diphosphoglucose
 RT phosphine oxides
 RT phosphines
 RT phosphorus compounds
 RT thiophosphoric acid esters

ORGANIC POLYMERS

UF poly(isobutylene oxide)
 UF polyacrylonitrile
 UF polytetraoxane
 BT1 organic compounds
 BT1 polymers
 NT1 araldite
 NT1 copolymers
 NT1 graft polymers
 NT1 neoprene
 NT1 plastic foams
 NT1 plastics
 NT2 aramids
 NT2 bakelite
 NT2 formvar
 NT2 lucite
 NT2 mylar
 NT2 nylon
 NT2 perspex
 NT2 plexiglas
 NT2 polystyrene
 NT2 polyurethanes
 NT3 halthane
 NT2 reinforced plastics
 NT2 tedlar
 NT2 teflon
 NT2 thermoplastics
 NT1 polyacetals
 NT2 formvar
 NT2 polyoxymethylenes
 NT1 polyacetylenes
 NT1 polyamides
 NT2 nylon
 NT2 polyurethanes
 NT3 halthane
 NT1 polycarbonates
 NT1 polyesters
 NT2 polyethylene terephthalate
 NT3 dacron
 NT3 homalite
 NT3 mylar
 NT1 polyethylene glycols
 NT2 carbowax
 NT2 pluronics
 NT1 polyisoprene
 NT1 polyolefins
 NT2 polyethylenes
 NT3 kel-f
 NT3 polytetrafluoroethylene
 NT4 teflon
 NT2 polypropylene
 NT2 polystyrene
 NT2 polystyrene-dvb
 NT1 polyvinyls
 NT2 polyacrylates
 NT3 lucite
 NT3 perspex
 NT3 plexiglas
 NT3 pmma
 NT2 polystyrene
 NT2 polyvinyl acetate
 NT2 pva
 NT2 pvc
 NT2 pvp
 NT2 tedlar
 NT1 resins
 NT1 rubbers
 NT2 buna
 NT2 latex
 NT2 natural rubber
 NT2 silastic
 NT2 viton
 NT1 textolite
 RT acrylonitrile
 RT benzofurans
 RT butadiene
 RT concrete-plastic composites
 RT fiberglass
 RT melamine

RT plasticizers
 RT polyphenyls
 RT wood-plastic composites
 RT xenobiotics

ORGANIC SEMICONDUCTORS

1992-05-29

*BT1 semiconductor materials
 RT organic compounds
 RT organic solar cells
 RT organic superconductors

ORGANIC SILICON COMPOUNDS

INIS: 1986-07-09; ETDE: 1984-05-09

UF silicic acid esters
 BT1 organic compounds
 NT1 silanes
 NT1 siloxanes
 NT2 silicones
 NT3 silastic
 RT silicon compounds

ORGANIC SOLAR CELLS

INIS: 1997-06-19; ETDE: 1979-05-02

*BT1 solar cells
 RT dyes
 RT organic semiconductors
 RT photovoltaic conversion
 RT pis solar cells
 RT ps solar cells

ORGANIC SOLVENTS

1996-10-22

(AMSCO and CARBITOLS have been valid
 ETDE descriptors.)

UF amsco
 UF carbitols
 UF diglycol monoalkyl ethers
 *BT1 nonaqueous solvents
 NT1 cellosolves
 NT1 solvesso
 NT1 turpentine
 RT butyl ether
 RT carbon tetrachloride
 RT chloroform
 RT dhdecmp
 RT dimethylformamide
 RT dme
 RT ethyl ether
 RT isopropyl ether
 RT methyl ether
 RT solutions
 RT trioxanes

ORGANIC SULFUR COMPOUNDS

1996-10-23

UF ethyrone
 UF ethyroneethyl phosphinate
 UF pentothal
 UF sulfinic acids
 UF thio compounds
 UF thioethers
 UF thiopental
 UF thiophosgene
 BT1 organic compounds
 NT1 bedt-ttf
 NT1 biotin
 NT1 cystamine
 NT1 dedtc
 NT1 dimethyl sulfide
 NT1 disulfides
 NT2 cystine
 NT2 thioctic acid
 NT1 dithizone
 NT1 ethionine
 NT1 heparin
 NT1 isothiocyantes
 NT1 methionine
 NT1 phenothiazines
 NT2 chlorpromazine
 NT2 methylene blue

NT1 polycyclic sulfur heterocycles
 NT1 sulfenamides
 NT1 sulfonamides
 NT1 sulfonates
 NT2 indocyanine green
 NT2 petroleum sulfonates
 NT1 sulfones
 NT1 sulfonic acid esters
 NT2 alkyl benzenesulfonates
 NT2 ethyl methanesulfonate
 NT2 methyl methanesulfonate
 NT2 petroleum sulfonates
 NT1 sulfonic acids
 NT2 arsenazo
 NT2 bromosulfophthalein
 NT2 chromotropic acid
 NT2 eriochrome dyes
 NT2 evans blue
 NT2 ferron
 NT2 methyl orange
 NT2 nitroso-r salt
 NT2 sulfanilic acid
 NT2 taurine
 NT2 thiorin
 NT2 tiron
 NT2 trypan blue
 NT2 unithiol
 NT1 sulfoxides
 NT2 dmsa
 NT2 dpso
 NT1 sulfuric acid esters
 NT1 tetrathiafulvalene
 NT1 thiadiazoles
 NT1 thiazoles
 NT2 benzothiazoles
 NT2 saccharin
 NT2 thiamine
 NT1 thiocyanates
 NT2 ammonium thiocyanates
 NT1 thioic acids
 NT1 thiols
 NT2 cysteamine
 NT2 cysteine
 NT2 dithiols
 NT3 dimercaprol
 NT3 unithiol
 NT2 malathion
 NT2 mercaptoethylguanidine
 NT2 mercaptopurine
 NT2 mpg
 NT2 penicillamine
 NT2 thionalide
 NT2 thiouracil
 NT1 thionaphthenes
 NT1 thionates
 NT1 thionine
 NT1 thionyl halides
 NT2 thionyl chlorides
 NT1 thiophene
 NT1 thiophenols
 NT1 thioureas
 NT2 beta-aminoethyl isothiouraea
 NT2 thiourea
 NT1 triocetylphosphine sulfide
 NT1 tta
 NT1 ttf-tcnq
 NT1 xanthates
 NT2 viscose
 RT sulfur compounds
 RT thiophosphoric acid esters

ORGANIC SUPERCONDUCTORS

INIS: 2000-05-02; ETDE: 1991-02-22

BT1 superconductors
 NT1 bedt-ttf
 NT1 tmtsf
 NT1 ttf-tcnq
 RT organic compounds
 RT organic semiconductors

ORGANIC WASTES

INIS: 1991-12-11; ETDE: 1975-09-11

BT1 wastes
 NT1 agricultural wastes
 NT2 bagasse
 NT2 manures
 NT1 compost
 NT1 stillage
 NT1 wood wastes
 RT biological wastes
 RT industrial wastes
 RT liquid wastes
 RT sewage
 RT solid wastes

organizacion latinoamericana de energia

2006-10-11

USE olade

organization economic co-operation and development

1993-11-09

USE oecd

organization of american states

INIS: 2000-04-12; ETDE: 1978-03-03

USE international organizations

ORGANIZATIONAL MODELS

INIS: 1975-11-07; ETDE: 1975-12-16

UF models (organizational)
 RT management
 RT organizing
 RT planning

ORGANIZING

RT organizational models
 RT planning
 RT schedules

organoids

1994-08-22

(Until August 1994 this was a valid
 descriptor.)

USE golgi complexes

ORGANOLEPTIC PROPERTIES

NT1 color
 NT1 flavor
 NT1 odor
 RT food
 RT preservation
 RT sense organs

ORGANOMETALLIC COMPOUNDS

For compounds of metals and semimetals with
 organic compounds, but only when the metal
 or semimetal is directly bound to carbon.

BT1 organic compounds
 NT1 grignard reagents
 NT1 lactoferrin
 NT1 tetraethyl lead

organophosphinic acids

1992-01-10

(Prior to January 1992, this was a valid ETDE
 descriptor.)

USE phosphinic acids

ORGANS

1996-04-30

BT1 body
 NT1 blood vessels
 NT2 arteries
 NT3 aorta
 NT3 carotid arteries
 NT3 cerebral arteries
 NT3 coronaries
 NT2 capillaries
 NT2 veins

NT3 portal system
 NT1 bone marrow
 NT1 brain
 NT2 cerebellum
 NT2 cerebrum
 NT3 cerebral cortex
 NT2 hippocampus
 NT2 hypothalamus
 NT2 olfactory bulbs
 NT2 thalamus
 NT1 critical organs
 NT1 diaphragm
 NT1 esophagus
 NT1 female genitals
 NT2 ovaries
 NT2 uterus
 NT1 glands
 NT2 endocrine glands
 NT3 adrenal glands
 NT3 pancreas
 NT3 parathyroid glands
 NT3 pituitary gland
 NT3 thyroid
 NT2 liver
 NT2 mammary glands
 NT2 pineal gland
 NT2 prostate
 NT2 salivary glands
 NT1 heart
 NT2 myocardium
 NT2 pericardium
 NT1 intestines
 NT2 large intestine
 NT3 rectum
 NT2 small intestine
 NT1 kidneys
 NT2 glomeruli
 NT2 tubules
 NT1 lungs
 NT1 male genitals
 NT2 prostate
 NT2 testes
 NT1 perfused organs
 NT1 pharynx
 NT1 sense organs
 NT2 auditory organs
 NT2 eyes
 NT3 conjunctiva
 NT3 cornea
 NT3 crystalline lens
 NT3 lacrimal ducts
 NT3 retina
 NT3 uvea
 NT2 taste buds
 NT2 vestibular apparatus
 NT1 skeleton
 NT2 bone joints
 NT2 exoskeleton
 NT2 femur
 NT2 skull
 NT3 jaw
 NT2 tibia
 NT2 vertebrae
 NT1 skin
 NT2 epidermis
 NT2 hair
 NT2 hair follicles
 NT2 nails
 NT1 spleen
 NT1 stomach
 NT1 thymus
 NT1 tongue
 NT1 urinary tract
 NT2 bladder
 NT2 ureters
 RT animal tissues
 RT artificial organs
 RT biological regeneration
 RT biology

RT blood flow
 RT cardiovascular system
 RT digestive system
 RT homogenates
 RT in vivo
 RT lymphatic system
 RT morphogenesis
 RT nervous system
 RT respiratory system
 RT retention

ORGDP

UF *k-25 plant*
 UF *oak ridge gaseous diffusion plant*
 *BT1 gaseous diffusion plants
 *BT1 us doe
 *BT1 us erda
 RT gaseous diffusion process
 RT oak ridge
 RT oak ridge reservation
 RT tennessee

orgel reactor

USE essor reactor

ORIENTAL AMERICANS

INIS: 2000-04-12; ETDE: 1982-01-21

UF *american orientals*
 *BT1 minority groups
 RT sociology

ORIENTATION

(From December 1975 till February 1997
 AZIMUTH was a valid ETDE descriptor.)

UF *attitude control*
 SF *azimuth*
 NT1 grain orientation
 NT1 spin orientation
 RT anisotropy
 RT asymmetry
 RT configuration
 RT incidence angle
 RT isotropy
 RT symmetry
 RT tilt mechanisms

orientation (grain)

2000-04-12
 USE grain orientation

ORIENTED NUCLEI

UF *polarized nuclei*
 BT1 nuclei
 RT nuclear alignment
 RT polarization

ORIFICES

BT1 openings
 RT apertures
 RT flowmeters
 RT nozzles
 RT pipe fittings

ORIGIN

UF *earthquake foci*
 UF *genesis*
 RT catagenesis
 RT cosmology
 RT diagenesis
 RT nucleosynthesis
 RT orogenesis
 RT petrogenesis
 RT protostars
 RT star evolution
 RT white holes

ORINS

INIS: 2000-04-12; ETDE: 1984-12-26
 UF *oak ridge institute of nuclear studies*
 *BT1 us organizations

orion computers

2000-04-12
 (Prior to February 1996 this was a valid ETDE
 descriptor.)
 USE computers

ORMAK DEVICES

*BT1 tokamak devices

ORNAMENTAL PLANTS

BT1 plants
 RT aesthetics

ORNITHINE

UF *2,5-diaminovaleric acid*
 *BT1 amino acids

ORNL

UF *oak ridge national laboratory*
 *BT1 us aec
 *BT1 us doe
 *BT1 us erda
 RT oak ridge
 RT oak ridge reservation
 RT tennessee

ORNL ISOCHRONOUS CYCLOTRON

*BT1 isochronous cyclotrons
 RT hhif accelerator

ORNL-PCA REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut
 down in 1991.

UF *pca-ornl reactor*
 UF *pool critical assembly ornl*
 *BT1 zero power reactors

ornl research reactor

USE orr reactor

ornl x-10 area graphite reactor

USE x-10 reactor

OROGENESIS

The process of mountain making, especially by
 folding of the earth's crust.

RT mountains
 RT origin
 RT petrogenesis
 RT rocks

OROTIC ACID

UF *6-carboxyuracil*
 UF *uracil-6-carboxylic acid*
 *BT1 heterocyclic acids
 *BT1 uracils

ORPHEE REACTOR

1979-11-02
 High flux reactor at Saclay Nuclear Research
 Centre, Gif-sur-Yvette, France.

*BT1 research reactors
 *BT1 tank type reactors
 *BT1 test reactors
 *BT1 water cooled reactors

ORR REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut
 down in 1987.

UF *oak ridge research reactor*
 UF *ornl research reactor*
 *BT1 enriched uranium reactors
 *BT1 tank type reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors

orsat apparatus

2000-04-12
 (Prior to March 1996 this was a valid ETDE
 descriptor.)
 SEE gas analysis

orsay alice cyclotron

USE alice cyclotron

ORSAY CYCLOTRON

*BT1 isochronous cyclotrons

ORSAY LINAC

*BT1 linear accelerators

ORSAY STORAGE RINGS

2005-01-25

(Prior to January 2005 ACO was used for this concept.)

UF *aco (anneau de collisions d'orsay)*UF *anneau de collisions d'orsay*

BT1 storage rings

ORSAY SYNCHROCYCLOTRON

INIS: 1984-10-23; ETDE: 1990-11-20

*BT1 synchrocyclotrons

ORSAY TANDEM ACCELERATOR

INIS: 1977-01-25; ETDE: 1977-04-13

*BT1 tandem electrostatic accelerators

*BT1 van de graaff accelerators

orthicons

1996-07-08

(Until June 1996 this was a valid descriptor.)

USE camera tubes

orthite

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE allanite

ORTHOCLASE

INIS: 2000-04-12; ETDE: 1983-06-20

A white to pale yellow, red, or transparent mineral of the feldspar group, monoclinic in form.

*BT1 feldspars

RT aluminium silicates

orthogonal pinch devices (linear)

USE linear theta pinch devices

ORTHOGONAL TRANSFORMATIONS

BT1 transformations

NT1 moshinsky transformation

orthoiodohippurate

INIS: 1975-10-23; ETDE: 2002-04-17

USE hippuran

ORTHONOL

2000-04-12

*BT1 iron alloys

*BT1 nickel alloys

ORTHOPTERA

INIS: 1993-07-15; ETDE: 1981-06-16

*BT1 insects

NT1 grasshoppers

NT2 locusts

ORTHORHOMBIC LATTICES

*BT1 three-dimensional lattices

oryza

USE rice

OSAMU UTSUMI MINE

INIS: 1993-02-09; ETDE: 1992-11-20

*BT1 uranium mines

RT brazil

OSCILLATION MODESUF *modes (oscillation)*UF *vibration modes*

NT1 bernstein mode

NT1 optical modes

NT1 single-particle modes

RT harmonics

RT lattice vibrations

RT mode control

RT mode conversion

RT mode selection

RT oscillations

RT plasma waves

oscillation techniques (pile)

USE pile oscillation techniques

OSCILLATIONS

(From February 1976 till March 1997 pendulums was a valid ETDE descriptor.)

SF *pendulums*

NT1 betatron oscillations

NT1 harmonics

NT2 cyclotron harmonics

NT1 phase oscillations

NT1 sawtooth oscillations

NT1 synchrotron oscillations

RT amplitudes

RT disturbances

RT mechanical vibrations

RT nyquist diagrams

RT oscillation modes

RT periodicity

RT pulsations

RT samarium oscillations

RT variations

RT xenon oscillations

oscillations (plasma)

USE plasma waves

OSCILLATOR STRENGTHS

RT einstein coefficients

RT energy-level transitions

RT optical depth curve

RT spectroscopic curve of growth

RT strength functions

OSCILLATORS

*BT1 electronic equipment

NT1 blocking oscillators

NT1 parametric oscillators

NT1 transistor oscillators

RT electronic circuits

RT pulse techniques

RT reactor oscillators

RT resonators

RT semiconductor devices

oscillators (reactor)

USE reactor oscillators

OSCILLOGRAPHS

*BT1 electronic equipment

RT cathode ray tubes

OSEEN METHOD

BT1 calculation methods

RT fluid flow

osha

INIS: 2000-04-12; ETDE: 1978-06-14

USE us osha

oshima oi-1 reactor

USE oi-1 reactor

oshima oi-2 reactor

USE oi-2 reactor

OSIRIS REACTOR

CEA/CEN de Saclay, Gif-sur-Yvette, France.

shut down since 2015. Under decommissioning.

*BT1 enriched uranium reactors

*BT1 materials testing reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

oskarshamn-1 reactor

USE okg-1 reactor

oskarshamn-2 reactor

USE okg-2 reactor

oskarshamn-3 reactor

USE okg-3 reactor

oskarshamn-4 reactor

USE okg-4 reactor

OSLO CYCLOTRON

INIS: 1980-07-24; ETDE: 1980-08-12

*BT1 isochronous cyclotrons

OSMIUM

*BT1 platinum metals

*BT1 refractory metals

OSMIUM 161

2009-08-28

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 microseconds living radioisotopes

*BT1 osmium isotopes

OSMIUM 162

INIS: 1989-07-19; ETDE: 1989-08-01

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 osmium isotopes

OSMIUM 163

INIS: 1986-05-08; ETDE: 1986-07-03

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 osmium isotopes

OSMIUM 164

INIS: 1986-05-08; ETDE: 1986-07-03

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 osmium isotopes

OSMIUM 165

INIS: 1978-11-24; ETDE: 1978-12-20

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 osmium isotopes

OSMIUM 166

INIS: 1978-02-23; ETDE: 1978-05-01

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 osmium isotopes

OSMIUM 167

INIS: 1978-02-23; ETDE: 1978-05-01

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 osmium isotopes

OSMIUM 168*INIS: 1978-02-23; ETDE: 1979-04-12*

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes

OSMIUM 169*INIS: 1982-08-27; ETDE: 1979-09-26*

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes

OSMIUM 170

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes

OSMIUM 171

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes

OSMIUM 172

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes

OSMIUM 173

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes

OSMIUM 174

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes

OSMIUM 175

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 176

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 177

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 178

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 179

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 180

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 181

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 182

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 osmium isotopes

OSMIUM 183

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 osmium isotopes

OSMIUM 184

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 osmium isotopes
- *BT1 stable isotopes

OSMIUM 184 TARGET*ETDE: 1976-07-09*

- BT1 targets

OSMIUM 185

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 osmium isotopes

OSMIUM 186

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 osmium isotopes
- *BT1 stable isotopes
- *BT1 years living radioisotopes

OSMIUM 186 TARGET*ETDE: 1976-07-09*

- BT1 targets

OSMIUM 187

- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 osmium isotopes
- *BT1 stable isotopes

OSMIUM 187 TARGET*ETDE: 1976-07-09*

- BT1 targets

OSMIUM 188

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 osmium isotopes
- *BT1 stable isotopes

OSMIUM 188 TARGET*ETDE: 1976-07-09*

- BT1 targets

OSMIUM 189

- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 osmium isotopes
- *BT1 stable isotopes

OSMIUM 189 TARGET*ETDE: 1976-07-09*

- BT1 targets

OSMIUM 190

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes
- *BT1 stable isotopes

OSMIUM 190 TARGET*ETDE: 1976-07-09*

- BT1 targets

OSMIUM 191

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 osmium isotopes

OSMIUM 191 TARGET*INIS: 1979-04-27; ETDE: 1979-05-25*

- BT1 targets

OSMIUM 192

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 isomeric transition isotopes
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes
- *BT1 stable isotopes

OSMIUM 192 TARGET*ETDE: 1976-07-09*

- BT1 targets

OSMIUM 193

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 osmium isotopes

OSMIUM 193 TARGET*INIS: 1992-09-23; ETDE: 1982-03-29*

- BT1 targets

OSMIUM 194

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 osmium isotopes
- *BT1 years living radioisotopes

OSMIUM 195

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 196

INIS: 1977-01-26; ETDE: 1976-10-13

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 197

2006-10-13

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 osmium isotopes

OSMIUM 199

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes

OSMIUM 200

2010-03-02

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 osmium isotopes
- *BT1 seconds living radioisotopes

OSMIUM ADDITIONS

Alloys containing not more than 1% Os are listed here.

- *BT1 osmium alloys

OSMIUM ALLOYS

Alloys containing more than 1% Os.

- *BT1 platinum metal alloys
- NT1 osmium additions
- NT1 osmium base alloys

OSMIUM BASE ALLOYS

- *BT1 osmium alloys

OSMIUM BORIDES

INIS: 1976-02-05; ETDE: 1975-12-16

- *BT1 borides
- *BT1 osmium compounds

OSMIUM CARBIDES

INIS: 1991-09-16; ETDE: 1976-01-23

- *BT1 carbides
- *BT1 osmium compounds

OSMIUM CHLORIDES

- *BT1 chlorides
- *BT1 osmium halides

OSMIUM COMPLEXES

- *BT1 transition element complexes

OSMIUM COMPOUNDS

1997-06-18

- BT1 refractory metal compounds
- BT1 transition element compounds
- NT1 osmium borides

NT1 osmium carbides

NT1 osmium halides

NT2 osmium chlorides

NT2 osmium fluorides

NT1 osmium nitrides

NT1 osmium oxides

NT1 osmium phosphides

NT1 osmium sulfates

NT1 osmium sulfides

OSMIUM FLUORIDES

*BT1 fluorides

*BT1 osmium halides

OSMIUM HALIDES

2012-07-20

*BT1 halides

*BT1 osmium compounds

NT1 osmium chlorides

NT1 osmium fluorides

OSMIUM IONS

*BT1 ions

OSMIUM ISOTOPES

1999-07-16

BT1 isotopes

NT1 osmium 161

NT1 osmium 162

NT1 osmium 163

NT1 osmium 164

NT1 osmium 165

NT1 osmium 166

NT1 osmium 167

NT1 osmium 168

NT1 osmium 169

NT1 osmium 170

NT1 osmium 171

NT1 osmium 172

NT1 osmium 173

NT1 osmium 174

NT1 osmium 175

NT1 osmium 176

NT1 osmium 177

NT1 osmium 178

NT1 osmium 179

NT1 osmium 180

NT1 osmium 181

NT1 osmium 182

NT1 osmium 183

NT1 osmium 184

NT1 osmium 185

NT1 osmium 186

NT1 osmium 187

NT1 osmium 188

NT1 osmium 189

NT1 osmium 190

NT1 osmium 191

NT1 osmium 192

NT1 osmium 193

NT1 osmium 194

NT1 osmium 195

NT1 osmium 196

NT1 osmium 197

NT1 osmium 199

NT1 osmium 200

OSMIUM NITRIDES

2010-02-24

*BT1 nitrides

*BT1 osmium compounds

OSMIUM OXIDES

*BT1 osmium compounds

*BT1 oxides

OSMIUM PHOSPHIDES

INIS: 2000-04-12; ETDE: 1984-06-14

*BT1 osmium compounds

*BT1 phosphides

OSMIUM SULFATES

INIS: 1996-07-08; ETDE: 1977-04-12

(From June 1996 to November 2007

OSMIUM COMPOUNDS + SULFATES was used for this concept.)

*BT1 osmium compounds

*BT1 sulfates

OSMIUM SULFIDES

INIS: 2000-04-12; ETDE: 1977-03-04

*BT1 osmium compounds

*BT1 sulfides

OSMOSIS

UF reverse osmosis

BT1 diffusion

RT advection

RT donnan theory

RT hypertonic solutions

RT isotonic solutions

RT mass transfer

RT membrane transport

RT membranes

RT molecular weight

RT permeability

osmotic power plants

INIS: 2000-04-12; ETDE: 1977-09-19

USE salinity gradient power plants

osteitis (radioinduced)

USE osteoradionecrosis

osteoblasts

USE connective tissue cells

osteocytes

USE bone cells

OSTEODENSITOMETRY

*BT1 biomedical radiography

RT bone mineral density

RT bone tissues

RT osteoporosis

RT scintiscanning

OSTEOMYELITIS

*BT1 skeletal diseases

RT bone tissues

OSTEOPOROSIS

*BT1 skeletal diseases

RT bone mineral density

RT bone tissues

RT osteodensitometry

OSTEORADIONECROSIS

UF osteitis (radioinduced)

*BT1 local radiation effects

*BT1 necrosis

*BT1 radiation injuries

*BT1 skeletal diseases

RT bone tissues

OSTEOSARCOMAS

*BT1 sarcomas

*BT1 skeletal diseases

RT bone tissues

OSTR REACTOR

Oregon State Univ., Corvallis, Oregon, USA.

UF oregon state triga reactor

*BT1 isotope production reactors

*BT1 pulsed reactors

*BT1 training reactors

*BT1 triga type reactors

OSUR REACTOR

Ohio State Univ., Columbus, Ohio, USA.

UF ohio state university reactor

*BT1 pool type reactors

*BT1 training reactors

oswesoo nuclear power plant

USE nine mile point-2 reactor

OTAKE GEOTHERMAL FIELD

2000-04-12

BT1 geothermal fields

RT geothermal hot-water systems

RT japan

otec

INIS: 1991-12-11; ETDE: 1981-01-27

USE ocean thermal energy conversion

otec foam-lift cycle

INIS: 2000-04-12; ETDE: 1980-08-12

USE lift cycles

otec lift cycles

INIS: 2000-04-12; ETDE: 1980-08-12

USE lift cycles

otec mist-lift cycle

INIS: 2000-04-12; ETDE: 1980-08-12

USE mist-lift cycles

OTHER ORGANIC COMPOUNDS

For organic materials, usually naturally occurring, composed of undetermined or mixed organic compounds.

BT1 organic compounds

NT1 amber

NT1 asphaltite

NT1 oils

NT2 coal tar oils

NT2 essential oils

NT2 fish oil

NT2 insulating oils

NT2 lipiodol

NT2 lubricating oils

NT2 pyrolytic oils

NT2 road oils

NT2 shale tar oils

NT2 tall oil

NT2 triolein

NT2 vegetable oils

NT3 castor oil

NT3 corn oil

NT3 cottonseed oil

NT3 linseed oil

NT3 olive oil

NT3 palm oil

NT3 peanut oil

NT3 sesame oil

NT3 soybean oil

NT3 sunflower oil

NT2 waste oils

NT2 wood oils

NT1 pitches

NT1 soaps

NT1 tar

NT2 bitumens

NT3 asphalts

NT3 coal tar

NT3 thucholite

NT2 shale tar

NT1 waxes

NT2 carbowax

NT2 paraffin

OTISCA PROCESS

INIS: 2000-04-12; ETDE: 1981-06-13

Heavy media separation process using chlorofluoromethanes.

*BT1 heavy media separation

OTTAWA RIVER

*BT1 rivers

RT ontario

RT quebec

ottawa slowpoke reactor

INIS: 1984-06-21; ETDE: 2002-04-17

USE slowpoke-ottawa reactor

OTTERS

INIS: 1993-05-04; ETDE: 1984-05-08

*BT1 mammals

RT aquatic ecosystems

RT aquatic organisms

OTTO CYCLE

2000-04-12

BT1 thermodynamic cycles

otto hahn (nuclear ship)

USE ns otto hahn

OTTO HAHN REACTOR

UF fdr reactor

UF nuclear ship otto hahn reactor

*BT1 pwr type reactors

*BT1 ship propulsion reactors

RT ns otto hahn

OTTO PROCESS

2000-04-12

Process for removal of hydrogen sulfide from coal gas.

*BT1 desulfurization

RT sulfur

OTTO RUMMEL SLAG BATH PROCESS

INIS: 2000-04-12; ETDE: 1977-05-07

Slag bath gasification using either steam or oxygen-steam; steam blown system requires a dual shaft, which permits the separation of the combustor function from the gasification function, thereby permitting synthesis gas generation with low nitrogen content.

*BT1 coal gasification

OUABAIN

*BT1 strophanthins

OUNCE METAL

2000-04-12

*BT1 copper base alloys

*BT1 lead alloys

*BT1 nickel additions

*BT1 tin alloys

*BT1 zinc alloys

RT brass

OUTAGES

INIS: 1995-03-27; ETDE: 1979-07-18

Accidental or planned shutdowns or significant reductions of all or part of an electrical or thermal power system.

UF blackouts

UF brownouts

RT accidents

RT availability

RT capacity

RT failures

RT maintenance

RT power losses

RT power plants

RT power supplies

RT power systems

RT power transmission

RT reliability

RT shutdown

OUTDOORS

INIS: 2004-05-14; ETDE: 2004-11-02

Only for documents where this concept is significant. Consider also more specific descriptors such as ARCTIC REGIONS or one indicating the temperature range.

RT ambient temperature

RT climates

RT indoors

outer continental shelf

INIS: 2000-04-12; ETDE: 1979-11-23

USE continental shelf

outgassing

USE degassing

OUTLET STRUCTURES

INIS: 2000-04-12; ETDE: 1979-05-31

BT1 mechanical structures

output

INIS: 2000-04-12; ETDE: 1980-05-06

USE production

OVA

*BT1 gametes

RT eggs

RT fertilization

RT life cycle

RT oocytes

RT oogenesis

RT ovulation

OVALBUMIN

*BT1 glucoproteins

OVARIES

*BT1 female genitals

BT1 gonads

RT estrogens

RT oogenesis

RT ovulation

RT progesterone

OVEN COKE

INIS: 2000-04-12; ETDE: 1979-09-27

BT1 coke

OVENS

INIS: 1999-12-31; ETDE: 1982-08-11

*BT1 appliances

NT1 microwave ovens

RT electric appliances

RT gas appliances

RT stoves

RT wood burning appliances

OVERBURDEN

1990-12-07

The loose soil, silt, sand, gravel, or other unconsolidated material overlying bedrock, either transported or formed in place.

SF regolith

RT dusts

RT earth mantle

RT mining

RT rock mechanics

RT rocks

RT soil mechanics

OVERCURRENT

1986-04-03

*BT1 electric currents

RT surges

RT transients

OVERHAUSER EFFECT

1980-07-24

RT electron spin resonance

RT nuclear magnetic resonance

RT nuclei

RT polarization

OVERHEAD POWER TRANSMISSION

INIS: 1992-06-04; ETDE: 1976-08-04

BT1 power transmission

RT power transmission towers

OVERPRESSURE

2018-02-16

- RT bombs
- RT explosions
- RT nuclear weapons
- RT pressure dependence
- RT pressure vessels

overthrust belt

INIS: 2000-04-12; ETDE: 1982-07-27

- USE western us overthrust belt

OVERVOLTAGE

1999-06-30

- RT breakdown
- RT electric potential
- RT electrical transients
- RT surges
- RT transients
- RT var control systems

OVULATION

- RT estrous cycle
- RT fertilization
- RT menstrual cycle
- RT ova
- RT ovaries
- RT reproduction

OWNERSHIP

INIS: 1978-11-24; ETDE: 1977-07-23

(From December 1977 until March 1996
MULTINATIONAL OWNERSHIP was a
valid ETDE descriptor.)

- UF multinational ownership
- NT1 land ownership
- RT legal aspects
- RT mineral rights
- RT property rights
- RT public enterprises
- RT solar rights

OWR REACTOR

Univ. of California, LANL, Los Alamos, New
Mexico, USA.

- UF los alamos omega west reactor
- UF omega west reactor
- *BT1 enriched uranium reactors
- *BT1 research reactors
- *BT1 tank type reactors
- *BT1 test reactors
- *BT1 thermal reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors

OXADIAZOLES

Compounds that contain a five-membered
heterocyclic ring containing one oxygen and
two nitrogen atoms.

- *BT1 azoles
- *BT1 organic oxygen compounds

oxalaldehyde

- USE glyoxal

OXALATES

- BT1 carboxylic acid salts
- RT oxalic acid esters

OXALIC ACID

- *BT1 dicarboxylic acids

OXALIC ACID ESTERS

- *BT1 carboxylic acid esters
- RT oxalates

OXAZOLES

1996-01-24

Compounds that contain a five-membered
heterocyclic ring containing one nitrogen and
one oxygen atom.

- *BT1 azoles

- *BT1 organic oxygen compounds

NT1 benzoxazoles

NT1 popop

oxetane

INIS: 2000-04-12; ETDE: 1980-12-08

- USE ethers
- USE heterocyclic oxygen compounds

oxidants

INIS: 1983-02-04; ETDE: 1977-01-10

- USE oxidizers

OXIDASES

1996-11-13

- *BT1 oxidoreductases
- NT1 cytochrome oxidase
- NT1 luciferase

OXIDATION

- UF disproportionation
- BT1 chemical reactions
- NT1 combustion
- NT2 cocombustion
- NT2 fluidized-bed combustion
- NT2 in-situ combustion
- NT2 oxyfuel combustion process
- NT2 pulse combustion
- NT2 reverse combustion
- NT2 spontaneous combustion
- NT2 staged combustion
- NT1 roasting
- RT anoxia
- RT antioxidants
- RT bioreactors
- RT corrosion
- RT corrosion products
- RT oxidizers
- RT oxidoreductases
- RT redox potential
- RT redox reactions
- RT reduction
- RT sesame process
- RT sulfation
- RT thiobacillus ferrooxidans
- RT thiobacillus oxidans
- RT wet oxidation processes

oxidation-reduction

2016-05-03

- USE redox reactions

oxidation state

INIS: 2000-04-12; ETDE: 1980-10-27

- USE valence

OXIDE MINERALS

INIS: 1996-11-13; ETDE: 1982-05-12

(The UF terms below have been valid ETDE
descriptors.)

- UF aeschynite
- UF cerianite
- UF coesite
- UF curite
- UF davidite
- UF demesmaekerite
- UF francevillite
- UF gummite
- UF hatchettolite
- UF iriginite
- UF masuyite
- UF moluranite
- UF strelkinite
- UF umohoite
- UF uranothorianite
- UF wulfenite
- UF zeunerite
- BT1 minerals
- NT1 baddeleyite
- NT1 bastnaesite
- NT1 becquerelite
- NT1 billietite
- NT1 brannerite
- NT1 chrysoberyl
- NT1 clarkeite
- NT1 compregnacite
- NT1 corundum
- NT2 ruby
- NT2 sapphire
- NT1 corvusite
- NT1 cristobalite
- NT1 ellsworthite
- NT1 ferghanite
- NT1 ferrite garnets
- NT1 gibbsite
- NT1 goethite
- NT1 guileminite
- NT1 hallimondite
- NT1 heinrichite
- NT1 hematite
- NT1 hollandite
- NT1 ianthinite
- NT1 ilmenite
- NT1 kahlerite
- NT1 kaolin
- NT1 kirchheimerite
- NT1 limonite
- NT1 lodochnikite
- NT1 lyndochite
- NT1 magnetite
- NT1 marignacite
- NT1 melanovanadite
- NT1 moctezumite
- NT1 mullite
- NT1 naegite
- NT1 nogizawalite
- NT1 nordstrandite
- NT1 novacekite
- NT1 para-schoepite
- NT1 pascoite
- NT1 perovskite
- NT1 quartz
- NT1 rauvite
- NT1 rutile
- NT1 schoepite
- NT1 sengierite
- NT1 silica
- NT2 opals
- NT1 spinels
- NT1 stishovite
- NT1 tantalite
- NT1 tapiolite
- NT1 thorianite
- NT1 tyuyamunitite
- NT1 uraninites
- NT2 broeggerite
- NT2 pitchblende
- NT1 uranium black
- NT1 wolframite
- NT1 zirconolite
- RT aluminium oxides
- RT arsenic oxides
- RT barium oxides
- RT calcium oxides
- RT cerium oxides
- RT cobalt oxides
- RT copper oxides
- RT hafnium oxides
- RT iron oxides
- RT kimberlites
- RT lead oxides
- RT magnesium oxides
- RT manganese oxides
- RT molybdenum oxides
- RT niobium oxides
- RT perovskites
- RT potassium oxides
- RT selenium oxides
- RT shales
- RT silicon oxides

RT sodium oxides
 RT tantalum oxides
 RT tellurium oxides
 RT thorium oxides
 RT titanium oxides
 RT tungsten oxides
 RT uranium oxides
 RT vanadium oxides
 RT zirconium oxides

OXIDES

1997-06-19

BT1 chalcogenides
 BT1 oxygen compounds
 NT1 actinium oxides
 NT1 aluminium oxides
 NT1 americium oxides
 NT1 antimony oxides
 NT1 argon oxides
 NT1 arsenic oxides
 NT1 barium oxides
 NT1 berkelium oxides
 NT1 beryllium oxides
 NT1 bismuth oxides
 NT1 boron oxides
 NT1 bromine oxides
 NT1 cadmium oxides
 NT1 calcium oxides
 NT1 californium oxides
 NT1 carbon oxides
 NT2 carbon dioxide
 NT2 carbon monoxide
 NT1 cerium oxides
 NT1 cesium oxides
 NT1 chlorine oxides
 NT1 chromium oxides
 NT1 cobalt oxides
 NT1 copper oxides
 NT1 curium oxides
 NT1 dysprosium oxides
 NT1 einsteinium oxides
 NT1 erbium oxides
 NT1 europium oxides
 NT1 fermium oxides
 NT1 fluorine oxides
 NT1 gadolinium oxides
 NT1 gallium oxides
 NT1 germanium oxides
 NT1 gold oxides
 NT1 hafnium oxides
 NT1 helium oxides
 NT1 holmium oxides
 NT1 indium oxides
 NT1 iodine oxides
 NT1 iridium oxides
 NT1 iron oxides
 NT1 krypton oxides
 NT1 lanthanum oxides
 NT1 lead oxides
 NT1 lithium oxides
 NT1 lutetium oxides
 NT1 magnesium oxides
 NT1 manganese oxides
 NT1 mendelevium oxides
 NT1 mercury oxides
 NT1 molybdenum oxides
 NT2 molybdenum blue
 NT1 neodymium oxides
 NT1 neon oxides
 NT1 neptunium oxides
 NT1 nickel oxides
 NT1 niobium oxides
 NT1 nitrogen oxides
 NT2 nitric oxide
 NT2 nitrogen dioxide
 NT2 nitrous oxide
 NT1 nobelium oxides
 NT1 osmium oxides
 NT1 palladium oxides
 NT1 phosphorus oxides
 NT1 platinum oxides
 NT1 plutonium oxides
 NT2 plutonium dioxide
 NT1 polonium oxides
 NT1 potassium oxides
 NT1 praseodymium oxides
 NT1 promethium oxides
 NT1 protactinium oxides
 NT1 radium oxides
 NT1 radon oxides
 NT1 rhenium oxides
 NT1 rhodium oxides
 NT1 rubidium oxides
 NT1 ruthenium oxides
 NT1 samarium oxides
 NT1 scandium oxides
 NT1 selenium oxides
 NT1 silicon oxides
 NT1 silver oxides
 NT1 sodium oxides
 NT2 sodium tungsten bronze
 NT1 strontium oxides
 NT1 sulfur oxides
 NT2 sulfur dioxide
 NT2 sulfur trioxide
 NT1 tantalum oxides
 NT1 technetium oxides
 NT1 tellurium oxides
 NT1 terbium oxides
 NT1 thallium oxides
 NT1 thorium oxides
 NT2 thorotrast
 NT1 thulium oxides
 NT1 tin oxides
 NT1 titanium oxides
 NT1 tritium oxides
 NT1 tungsten oxides
 NT2 sodium tungsten bronze
 NT1 uranium oxides
 NT2 uranium dioxide
 NT2 uranium oxides u3o8
 NT2 uranium trioxide
 NT1 vanadium oxides
 NT1 xenon oxides
 NT1 ytterbium oxides
 NT1 yttrium oxides
 NT2 alloy-in-853
 NT1 zinc oxides
 NT1 zirconium oxides
 RT ceramics
 RT corrosion products
 RT oxybromides
 RT oxycarbides
 RT oxychlorides
 RT oxyfluorides
 RT oxygen additions
 RT oxyiodides
 RT oxynitrates
 RT oxyselenides
 RT oxysulfides
 RT oxytellurides

OXIDIZERS

INIS: 1983-02-04; ETDE: 1977-01-10

UF oxidants
 UF oxidizing agents
 RT antioxidants
 RT oxidation

oxidizing agents

INIS: 1983-02-04; ETDE: 1977-01-10

USE oxidizers

OXIDOREDUCTASES

1997-06-17

Code number 1.

(DEHYDROGENASES, HAEM DEHYDROGENASES, and NUCLEOTIDE

DEHYDROGENASES have been valid descriptors.)

UF dehydrogenases
 UF haem dehydrogenases
 UF nucleotide dehydrogenases
 UF reductases
 *BT1 enzymes
 NT1 amine oxidases
 NT1 aryl 4-monooxygenase
 NT1 diaphorase
 NT1 hemiacetal dehydrogenases
 NT2 alcohol dehydrogenase
 NT2 lactate dehydrogenase
 NT1 hydrogenases
 NT1 hydroxylases
 NT2 tyrosinase
 NT1 nitro-group dehydrogenases
 NT2 nitrogenase
 NT1 oxidases
 NT2 cytochrome oxidase
 NT2 luciferase
 NT1 oxygenases
 NT2 mixed-function oxidases
 NT1 peroxidases
 NT2 catalase
 NT1 superoxide dismutase
 RT oxidation
 RT redox process
 RT reduction
 RT respiration

OXIMES

1996-10-23

UF furildioxime
 *BT1 amines
 *BT1 hydroxy compounds
 *BT1 organic nitrogen compounds
 NT1 benzoinoxime
 NT1 dimethylglyoxime
 RT aldehydes
 RT hydroxylamine
 RT ketones

OXINE

1980-07-24

UF 8-hydroxyquinoline
 UF 8-quinolinol
 *BT1 hydroxy compounds
 *BT1 quinolines

oxirans

USE epoxides

oxoacetic acid

USE glyoxylic acid

oxocarboxylic acids

USE keto acids

OXONIUM IONS

UF hydronium ions
 *BT1 molecular ions
 RT hydrogen ions 1 plus
 RT radiation chemistry

oxopropane

USE acetone

OXY MODIFIED IN-SITU PROCESS

INIS: 2000-04-12; ETDE: 1977-03-08

Before March 1977 GARRETT PROCESS was used for this process.

UF garrett process
 BT1 modified in-situ processes
 RT oil shales

OXYBROMIDES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- *BT1 bromine compounds
- *BT1 oxyhalides
- RT bromides
- RT bromine oxides
- RT oxides

OXYCARBIDES

INIS: 1984-08-23; ETDE: 1976-06-07
Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- BT1 carbon compounds
- BT1 oxygen compounds
- RT carbides
- RT carbon oxides
- RT oxides

OXYCHLORIDES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- *BT1 chlorine compounds
- *BT1 oxyhalides
- RT chlorides
- RT chlorine oxides
- RT oxides

OXYFLUORIDES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- *BT1 fluorine compounds
- *BT1 oxyhalides
- RT fluorides
- RT fluorine oxides
- RT oxides

OXYFUEL COMBUSTION PROCESS

2007-09-07

Combustion of a fuel with pure oxygen instead of air.

- *BT1 combustion
- RT air pollution abatement
- RT carbon sequestration
- RT combustion control

OXYGEN

- UF dissolved oxygen
- UF oxygen effect (radiobiology)
- *BT1 nonmetals
- RT anoxia
- RT biochemical oxygen demand
- RT chemical oxygen demand
- RT cryogenic fluids
- RT ozone

OXYGEN 12

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes

OXYGEN 13

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 oxygen isotopes

OXYGEN 14

- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 minutes living radioisotopes

- *BT1 oxygen isotopes

OXYGEN 14 REACTIONS

1992-02-18

- *BT1 heavy ion reactions

OXYGEN 14 TARGET

1998-01-27

- BT1 targets

OXYGEN 15

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 minutes living radioisotopes
- *BT1 oxygen isotopes

OXYGEN 15 TARGET

INIS: 1976-04-03; ETDE: 1976-07-12

- BT1 targets

OXYGEN 16

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes
- *BT1 stable isotopes
- RT oxygen 16 beams
- RT oxygen 16 reactions

OXYGEN 16 BEAMS

- *BT1 ion beams
- RT oxygen 16

OXYGEN 16 EMISSION DECAY

INIS: 1991-07-29; ETDE: 1991-09-13

- *BT1 heavy ion emission decay

OXYGEN 16 REACTIONS

- *BT1 heavy ion reactions
- RT oxygen 16

OXYGEN 16 TARGET

ETDE: 1976-07-09

- BT1 targets

OXYGEN 17

- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes
- *BT1 stable isotopes
- RT oxygen 17 reactions

OXYGEN 17 REACTIONS

- *BT1 heavy ion reactions
- RT oxygen 17

OXYGEN 17 TARGET

ETDE: 1976-07-09

- BT1 targets

OXYGEN 18

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes
- *BT1 stable isotopes
- RT oxygen 18 beams
- RT oxygen 18 reactions

OXYGEN 18 BEAMS

- *BT1 ion beams
- RT oxygen 18

OXYGEN 18 REACTIONS

- *BT1 heavy ion reactions
- RT oxygen 18

OXYGEN 18 TARGET

ETDE: 1976-07-09

- BT1 targets

OXYGEN 19

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes

- *BT1 seconds living radioisotopes

OXYGEN 20

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes
- *BT1 seconds living radioisotopes

OXYGEN 21

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes
- *BT1 seconds living radioisotopes

OXYGEN 22

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes
- *BT1 seconds living radioisotopes

OXYGEN 23

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes

OXYGEN 24

INIS: 1978-02-23; ETDE: 1978-05-01

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 oxygen isotopes

OXYGEN 25

2007-03-12

- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 oxygen isotopes

OXYGEN 26

2007-03-12

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 oxygen isotopes

OXYGEN 27

2007-03-12

- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 oxygen isotopes

OXYGEN 28

INIS: 1979-02-21; ETDE: 1979-03-28

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 oxygen isotopes

OXYGEN ADDITIONS

- RT oxides

OXYGEN COMPLEXES

- BT1 complexes

OXYGEN COMPOUNDS

1996-07-16

- UF aurates
- UF chlorites
- UF polythionates
- UF polythionic acids
- NT1 aluminates
- NT1 antimonates
- NT1 arsenates
- NT1 borates
- NT2 borax
- NT1 boric acid
- NT1 bromates

NT1	bromic acid	NT2	cerium hydroxides	NT2	bismuth nitrates
NT1	carbonates	NT2	cesium hydroxides	NT2	cadmium nitrates
NT2	americium carbonates	NT2	chromium hydroxides	NT2	calcium nitrates
NT2	ammonium carbonates	NT2	cobalt hydroxides	NT2	californium nitrates
NT3	auc	NT2	copper hydroxides	NT2	cerium nitrates
NT2	barium carbonates	NT2	curium hydroxides	NT2	cesium nitrates
NT2	beryllium carbonates	NT2	dysprosium hydroxides	NT2	chlorine nitrates
NT2	bismuth carbonates	NT2	erbium hydroxides	NT2	chromium nitrates
NT2	cadmium carbonates	NT2	europium hydroxides	NT2	cobalt nitrates
NT2	calcium carbonates	NT2	gadolinium hydroxides	NT2	copper nitrates
NT2	cerium carbonates	NT2	gallium hydroxides	NT2	curium nitrates
NT2	cesium carbonates	NT2	germanium hydroxides	NT2	dysprosium nitrates
NT2	cobalt carbonates	NT2	hafnium hydroxides	NT2	einsteinium nitrates
NT2	copper carbonates	NT2	helium hydroxides	NT2	erbium nitrates
NT2	curium carbonates	NT2	holmium hydroxides	NT2	europium nitrates
NT2	erbium carbonates	NT2	indium hydroxides	NT2	gadolinium nitrates
NT2	europium carbonates	NT2	iron hydroxides	NT2	gallium nitrates
NT2	gadolinium carbonates	NT2	lanthanum hydroxides	NT2	hafnium nitrates
NT2	holmium carbonates	NT2	lead hydroxides	NT2	holmium nitrates
NT2	iron carbonates	NT2	lithium hydroxides	NT2	hydrogen nitrates
NT2	lanthanum carbonates	NT2	lutetium hydroxides	NT2	indium nitrates
NT2	lead carbonates	NT2	magnesium hydroxides	NT2	iron nitrates
NT2	lithium carbonates	NT2	manganese hydroxides	NT2	lanthanum nitrates
NT2	lutetium carbonates	NT2	molybdenum hydroxides	NT2	lead nitrates
NT2	magnesium carbonates	NT2	neodymium hydroxides	NT2	lithium nitrates
NT2	manganese carbonates	NT2	neptunium hydroxides	NT2	lutetium nitrates
NT2	molybdenum carbonates	NT2	nickel hydroxides	NT2	magnesium nitrates
NT2	neodymium carbonates	NT2	niobium hydroxides	NT2	manganese nitrates
NT2	neptunium carbonates	NT2	palladium hydroxides	NT2	mercury nitrates
NT2	nickel carbonates	NT2	platinum hydroxides	NT2	molybdenum nitrates
NT2	plutonium carbonates	NT2	plutonium hydroxides	NT2	neodymium nitrates
NT2	polycarbonates	NT2	potassium hydroxides	NT2	neptunium nitrates
NT2	potassium carbonates	NT2	praseodymium hydroxides	NT2	nickel nitrates
NT2	praseodymium carbonates	NT2	promethium hydroxides	NT2	niobium nitrates
NT2	radium carbonates	NT2	protactinium hydroxides	NT2	palladium nitrates
NT2	rhodium carbonates	NT2	rhodium hydroxides	NT2	peroxyacetyl nitrate
NT2	rubidium carbonates	NT2	rubidium hydroxides	NT2	petn
NT2	samarium carbonates	NT2	ruthenium hydroxides	NT2	plutonium nitrates
NT2	scandium carbonates	NT2	samarium hydroxides	NT2	polonium nitrates
NT2	silver carbonates	NT2	scandium hydroxides	NT2	potassium nitrates
NT2	sodium carbonates	NT2	silicon hydroxides	NT2	praseodymium nitrates
NT2	strontium carbonates	NT2	silver hydroxides	NT2	promethium nitrates
NT2	terbium carbonates	NT2	sodium hydroxides	NT2	protactinium nitrates
NT2	thallium carbonates	NT2	strontium hydroxides	NT2	radium nitrates
NT2	thorium carbonates	NT2	tantalum hydroxides	NT2	rhodium nitrates
NT2	uranium carbonates	NT2	tellurium hydroxides	NT2	rubidium nitrates
NT2	uranyl carbonates	NT2	terbium hydroxides	NT2	ruthenium nitrates
NT2	ytterbium carbonates	NT2	thallium hydroxides	NT2	samarium nitrates
NT2	yttrium carbonates	NT2	thorium hydroxides	NT2	scandium nitrates
NT2	zinc carbonates	NT2	thulium hydroxides	NT2	silver nitrates
NT2	zirconium carbonates	NT2	tin hydroxides	NT2	sodium nitrates
NT1	carbonic acid	NT2	titanium hydroxides	NT2	strontium nitrates
NT1	chlorates	NT2	tungsten hydroxides	NT2	tellurium nitrates
NT1	chloric acid	NT2	uranium hydroxides	NT2	terbium nitrates
NT1	chlorous acid	NT2	vanadium hydroxides	NT2	thallium nitrates
NT1	chromates	NT2	ytterbium hydroxides	NT2	thorium nitrates
NT1	chromic acid	NT2	yttrium hydroxides	NT2	thulium nitrates
NT1	chromites	NT2	zinc hydroxides	NT2	titanium nitrates
NT1	cuprates	NT2	zirconium hydroxides	NT2	uranium nitrates
NT1	dichromates	NT1	hypochlorous acid	NT2	uranyl nitrates
NT1	ferrates	NT1	hypofluorous acid	NT3	unh
NT1	ferrites	NT1	hypiodous acid	NT2	vanadium nitrates
NT1	fluorates	NT1	hypophosphorous acid	NT2	ytterbium nitrates
NT1	germanates	NT1	iodates	NT2	yttrium nitrates
NT2	bismuth germanates	NT1	iodic acid	NT2	zinc nitrates
NT2	lead germanates	NT1	manganates	NT2	zirconium nitrates
NT1	hafnates	NT1	molybdates	NT1	nitric acid
NT1	hydroxides	NT1	molybdophosphates	NT1	nitrites
NT2	actinium hydroxides	NT1	molybdophosphoric acid	NT1	nitrous acid
NT2	aluminium hydroxides	NT1	nickelates	NT1	oxides
NT2	americium hydroxides	NT1	niobates	NT2	actinium oxides
NT2	ammonium hydroxides	NT1	nitrates	NT2	aluminium oxides
NT2	antimony hydroxides	NT2	aluminium nitrates	NT2	americium oxides
NT2	barium hydroxides	NT2	americium nitrates	NT2	antimony oxides
NT2	beryllium hydroxides	NT2	ammonium nitrates	NT2	argon oxides
NT2	bismuth hydroxides	NT2	barium nitrates	NT2	arsenic oxides
NT2	boron hydroxides	NT2	berkelium nitrates	NT2	barium oxides
NT2	cadmium hydroxides	NT2	beryllium nitrates	NT2	berkelium oxides
NT2	calcium hydroxides			NT2	beryllium oxides

NT2 bismuth oxides
 NT2 boron oxides
 NT2 bromine oxides
 NT2 cadmium oxides
 NT2 calcium oxides
 NT2 californium oxides
 NT2 carbon oxides
 NT3 carbon dioxide
 NT3 carbon monoxide
 NT2 cerium oxides
 NT2 cesium oxides
 NT2 chlorine oxides
 NT2 chromium oxides
 NT2 cobalt oxides
 NT2 copper oxides
 NT2 curium oxides
 NT2 dysprosium oxides
 NT2 einsteinium oxides
 NT2 erbium oxides
 NT2 europium oxides
 NT2 fermium oxides
 NT2 fluorine oxides
 NT2 gadolinium oxides
 NT2 gallium oxides
 NT2 germanium oxides
 NT2 gold oxides
 NT2 hafnium oxides
 NT2 helium oxides
 NT2 holmium oxides
 NT2 indium oxides
 NT2 iodine oxides
 NT2 iridium oxides
 NT2 iron oxides
 NT2 krypton oxides
 NT2 lanthanum oxides
 NT2 lead oxides
 NT2 lithium oxides
 NT2 lutetium oxides
 NT2 magnesium oxides
 NT2 manganese oxides
 NT2 mendelevium oxides
 NT2 mercury oxides
 NT2 molybdenum oxides
 NT3 molybdenum blue
 NT2 neodymium oxides
 NT2 neon oxides
 NT2 neptunium oxides
 NT2 nickel oxides
 NT2 niobium oxides
 NT2 nitrogen oxides
 NT3 nitric oxide
 NT3 nitrogen dioxide
 NT3 nitrous oxide
 NT2 nobelium oxides
 NT2 osmium oxides
 NT2 palladium oxides
 NT2 phosphorus oxides
 NT2 platinum oxides
 NT2 plutonium oxides
 NT3 plutonium dioxide
 NT2 polonium oxides
 NT2 potassium oxides
 NT2 praseodymium oxides
 NT2 promethium oxides
 NT2 protactinium oxides
 NT2 radium oxides
 NT2 radon oxides
 NT2 rhenium oxides
 NT2 rhodium oxides
 NT2 rubidium oxides
 NT2 ruthenium oxides
 NT2 samarium oxides
 NT2 scandium oxides
 NT2 selenium oxides
 NT2 silicon oxides
 NT2 silver oxides
 NT2 sodium oxides
 NT3 sodium tungsten bronze
 NT2 strontium oxides

NT2 sulfur oxides
 NT3 sulfur dioxide
 NT3 sulfur trioxide
 NT2 tantalum oxides
 NT2 technetium oxides
 NT2 tellurium oxides
 NT2 terbium oxides
 NT2 thallium oxides
 NT2 thorium oxides
 NT3 thorotrast
 NT2 thulium oxides
 NT2 tin oxides
 NT2 titanium oxides
 NT2 tritium oxides
 NT2 tungsten oxides
 NT3 sodium tungsten bronze
 NT2 uranium oxides
 NT3 uranium dioxide
 NT3 uranium oxides u3o8
 NT3 uranium trioxide
 NT2 vanadium oxides
 NT2 xenon oxides
 NT2 ytterbium oxides
 NT2 yttrium oxides
 NT3 alloy-in-853
 NT2 zinc oxides
 NT2 zirconium oxides
 NT1 oxycarbides
 NT1 oxyhalides
 NT2 oxybromides
 NT2 oxychlorides
 NT2 oxyfluorides
 NT2 oxyiodides
 NT1 oxynitrates
 NT1 oxyselenides
 NT1 oxysulfides
 NT1 oxytellurides
 NT1 perbromates
 NT1 perchlorates
 NT2 aluminium perchlorates
 NT2 americium perchlorates
 NT2 ammonium perchlorates
 NT2 barium perchlorates
 NT2 cadmium perchlorates
 NT2 calcium perchlorates
 NT2 cerium perchlorates
 NT2 cesium perchlorates
 NT2 chromium perchlorates
 NT2 cobalt perchlorates
 NT2 copper perchlorates
 NT2 dysprosium perchlorates
 NT2 erbium perchlorates
 NT2 europium perchlorates
 NT2 gadolinium perchlorates
 NT2 hafnium perchlorates
 NT2 holmium perchlorates
 NT2 indium perchlorates
 NT2 iron perchlorates
 NT2 lanthanum perchlorates
 NT2 lead perchlorates
 NT2 lithium perchlorates
 NT2 lutetium perchlorates
 NT2 magnesium perchlorates
 NT2 manganese perchlorates
 NT2 mercury perchlorates
 NT2 neodymium perchlorates
 NT2 neptunium perchlorates
 NT2 plutonium perchlorates
 NT2 potassium perchlorates
 NT2 praseodymium perchlorates
 NT2 rubidium perchlorates
 NT2 samarium perchlorates
 NT2 scandium perchlorates
 NT2 silver perchlorates
 NT2 sodium perchlorates
 NT2 strontium perchlorates
 NT2 terbium perchlorates
 NT2 thallium perchlorates
 NT2 thorium perchlorates

NT2 thulium perchlorates
 NT2 uranium perchlorates
 NT2 uranyl perchlorates
 NT2 ytterbium perchlorates
 NT2 yttrium perchlorates
 NT2 zinc perchlorates
 NT2 zirconium perchlorates
 NT1 perchloric acid
 NT1 periodates
 NT1 periodic acid
 NT1 permanganates
 NT1 peroxides
 NT2 benzoyl peroxide
 NT2 hydrogen peroxide
 NT2 plutonium peroxide
 NT2 uranium peroxide
 NT1 perrenates
 NT1 persulfates
 NT1 persulfuric acid
 NT1 pertechnetates
 NT1 phosphates
 NT2 aluminium phosphates
 NT2 americium phosphates
 NT2 ammonium phosphates
 NT2 barium phosphates
 NT2 berkelium phosphates
 NT2 beryllium phosphates
 NT2 bismuth phosphates
 NT2 boron phosphates
 NT2 cadmium phosphates
 NT2 calcium phosphates
 NT2 cerium phosphates
 NT2 cesium phosphates
 NT2 chromium phosphates
 NT2 cobalt phosphates
 NT2 copper phosphates
 NT2 dysprosium phosphates
 NT2 erbium phosphates
 NT2 europium phosphates
 NT2 gadolinium phosphates
 NT2 gallium phosphates
 NT2 germanium phosphates
 NT2 hafnium phosphates
 NT2 holmium phosphates
 NT2 hydrogen phosphates
 NT2 indium phosphates
 NT2 iron phosphates
 NT2 lanthanum phosphates
 NT2 lead phosphates
 NT2 lithium phosphates
 NT2 lutetium phosphates
 NT2 magnesium phosphates
 NT2 manganese phosphates
 NT2 molybdenum phosphates
 NT2 neodymium phosphates
 NT2 neptunium phosphates
 NT2 nickel phosphates
 NT2 niobium phosphates
 NT2 plutonium phosphates
 NT2 potassium phosphates
 NT2 praseodymium phosphates
 NT2 promethium phosphates
 NT2 protactinium phosphates
 NT2 rubidium phosphates
 NT2 samarium phosphates
 NT2 scandium phosphates
 NT2 silicon phosphates
 NT2 silver phosphates
 NT2 sodium phosphates
 NT2 strontium phosphates
 NT2 superphosphates
 NT2 tantalum phosphates
 NT2 technetium phosphates
 NT2 terbium phosphates
 NT2 thallium phosphates
 NT2 thorium phosphates
 NT2 thulium phosphates
 NT2 tin phosphates
 NT2 titanium phosphates

NT2	uranium phosphates	NT2	ammonium sulfates	NT1	tungstates
NT2	uranyl phosphates	NT2	antimony sulfates	NT2	aluminium tungstates
NT2	vanadium phosphates	NT2	barium sulfates	NT2	ammonium tungstates
NT2	ytterbium phosphates	NT2	berkelium sulfates	NT2	barium tungstates
NT2	yttrium phosphates	NT2	beryllium sulfates	NT2	bismuth tungstates
NT2	zinc phosphates	NT2	bismuth sulfates	NT2	cadmium tungstates
NT2	zirconium phosphates	NT2	cadmium sulfates	NT2	calcium tungstates
NT1	phosphine oxides	NT2	calcium sulfates	NT2	cerium tungstates
NT2	cmpp	NT2	cerium sulfates	NT2	cesium tungstates
NT2	tributylphosphine oxide	NT2	cesium sulfates	NT2	cobalt tungstates
NT2	trioctylphosphine oxide	NT2	chromium sulfates	NT2	copper tungstates
NT2	triphenylphosphine oxide	NT2	cobalt sulfates	NT2	dysprosium tungstates
NT1	phosphoric acid	NT2	copper sulfates	NT2	erbium tungstates
NT1	phosphorous acid	NT2	dysprosium sulfates	NT2	gadolinium tungstates
NT1	plumbates	NT2	erbium sulfates	NT2	hafnium tungstates
NT1	pyrophosphates	NT2	europium sulfates	NT2	indium tungstates
NT1	rhénates	NT2	gadolinium sulfates	NT2	iron tungstates
NT1	selenates	NT2	gallium sulfates	NT2	lanthanum tungstates
NT1	selenites	NT2	hafnium sulfates	NT2	lead tungstates
NT1	silicates	NT2	holmium sulfates	NT2	lithium tungstates
NT2	aluminium silicates	NT2	hydrogen sulfates	NT2	lutetium tungstates
NT2	americium silicates	NT2	indium sulfates	NT2	manganese tungstates
NT2	barium silicates	NT2	iridium sulfates	NT2	neodymium tungstates
NT2	beryllium silicates	NT2	iron sulfates	NT2	nickel tungstates
NT2	boron silicates	NT2	lanthanum sulfates	NT2	potassium tungstates
NT2	cadmium silicates	NT2	lead sulfates	NT2	praseodymium tungstates
NT2	calcium silicates	NT2	lithium sulfates	NT2	rubidium tungstates
NT2	cerium silicates	NT2	lutetium sulfates	NT2	samarium tungstates
NT2	cesium silicates	NT2	magnesium sulfates	NT2	scandium tungstates
NT2	chromium silicates	NT2	manganese sulfates	NT2	silver tungstates
NT2	cobalt silicates	NT2	mercury sulfates	NT2	sodium tungstates
NT2	copper silicates	NT2	molybdenum sulfates	NT2	strontium tungstates
NT2	curium silicates	NT2	neodymium sulfates	NT2	tantalum tungstates
NT2	dysprosium silicates	NT2	neptunium sulfates	NT2	thallium tungstates
NT2	europium silicates	NT2	nickel sulfates	NT2	thorium tungstates
NT2	germanium silicates	NT2	niobium sulfates	NT2	tin tungstates
NT2	hafnium silicates	NT2	osmium sulfates	NT2	titanium tungstates
NT2	holmium silicates	NT2	platinum sulfates	NT2	uranium tungstates
NT2	hydrogen silicates	NT2	plutonium sulfates	NT2	uranyl tungstates
NT2	indium silicates	NT2	potassium sulfates	NT2	vanadium tungstates
NT2	iron silicates	NT2	praseodymium sulfates	NT2	ytterbium tungstates
NT2	lanthanum silicates	NT2	protactinium sulfates	NT2	yttrium tungstates
NT2	lead silicates	NT2	radium sulfates	NT2	zinc tungstates
NT2	lithium silicates	NT2	rhénium sulfates	NT2	zirconium tungstates
NT2	lutetium silicates	NT2	rubidium sulfates	NT1	tungstophosphates
NT2	magnesium silicates	NT2	ruthenium sulfates	NT1	tungstophosphoric acid
NT2	manganese silicates	NT2	samarium sulfates	NT1	uranates
NT2	molybdenum silicates	NT2	scandium sulfates	NT2	ammonium uranates
NT2	neodymium silicates	NT2	silver sulfates	NT3	adu
NT2	nickel silicates	NT2	sodium sulfates	NT2	bismuth uranates
NT2	niobium silicates	NT2	strontium sulfates	NT2	cesium uranates
NT2	plutonium silicates	NT2	tantalum sulfates	NT2	lithium uranates
NT2	potassium silicates	NT2	terbium sulfates	NT2	potassium uranates
NT2	praseodymium silicates	NT2	thallium sulfates	NT2	rubidium uranates
NT2	radium silicates	NT2	thorium sulfates	NT2	sodium uranates
NT2	rubidium silicates	NT2	thulium sulfates	NT2	strontium uranates
NT2	samarium silicates	NT2	tin sulfates	NT2	thallium uranates
NT2	scandium silicates	NT2	titanium sulfates	NT1	vanadates
NT2	sodium silicates	NT2	uranium sulfates	NT2	potassium vanadates
NT2	strontium silicates	NT2	uranyl sulfates	NT2	uranium vanadates
NT2	tantalum silicates	NT2	vanadium sulfates	NT1	water
NT2	thorium silicates	NT2	ytterbium sulfates	NT2	drinking water
NT2	thulium silicates	NT2	yttrium sulfates	NT2	feedwater
NT2	titanium silicates	NT2	zinc sulfates	NT2	fresh water
NT2	uranium silicates	NT2	zirconium sulfates	NT2	ground water
NT2	uranyl silicates	NT1	sulfites	NT3	interstitial water
NT2	vanadium silicates	NT2	acid sulfites	NT3	magmatic water
NT2	ytterbium silicates	NT1	sulfuric acid	NT2	heavy water
NT2	yttrium silicates	NT1	sulfurous acid	NT2	hot water
NT2	zinc silicates	NT1	tantalates	NT2	rain water
NT2	zirconium silicates	NT1	technetates	NT3	throughfall
NT1	silicic acid	NT1	tellurates	NT2	seawater
NT1	stannates	NT1	telluric acid	NT2	tritium oxides
NT2	cadmium stannates	NT1	titanates	NT2	waste water
NT1	sulfates	NT2	cadmium titanates	NT3	shale tar water
NT2	acid sulfates	NT2	lithium titanates	NT1	zirconates
NT2	actinium sulfates	NT2	plzt	NT2	plzt
NT2	aluminium sulfates	NT2	pzt	NT2	pzt
NT2	americium sulfates	NT2	strontium titanates	RT	cyanates

RT hydroxyl radicals
 RT isocyanates
 RT organic oxygen compounds
 RT ozone

oxygen effect (radiobiology)

USE oxygen
 USE response modifying factors

OXYGEN ENHANCEMENT RATIO

UF oer
 BT1 dimensionless numbers
 RT aerobic conditions
 RT anaerobic conditions
 RT biological radiation effects
 RT let
 RT quality factor
 RT rbe
 RT response modifying factors

OXYGEN ENRICHMENT

INIS: 2000-04-12; ETDE: 1979-07-24
 BT1 enrichment
 RT fuel-air ratio
 RT fuel systems

oxygen fluorides

USE fluorine oxides

oxygen hydrides

USE water

OXYGEN IONS

*BT1 ions

OXYGEN ISOTOPES

1999-07-16
 BT1 isotopes
 NT1 oxygen 12
 NT1 oxygen 13
 NT1 oxygen 14
 NT1 oxygen 15
 NT1 oxygen 16
 NT1 oxygen 17
 NT1 oxygen 18
 NT1 oxygen 19
 NT1 oxygen 20
 NT1 oxygen 21
 NT1 oxygen 22
 NT1 oxygen 23
 NT1 oxygen 24
 NT1 oxygen 25
 NT1 oxygen 26
 NT1 oxygen 27
 NT1 oxygen 28

oxygen logs

INIS: 2000-04-12; ETDE: 1979-03-27
 USE neutron-gamma logging

OXYGEN METERS

*BT1 meters
 RT chemical analysis

OXYGEN PLANTS

INIS: 2000-04-12; ETDE: 1981-03-17
Large capacity plants for liquefying air and separating oxygen, e.g., for coal gasification.
 BT1 industrial plants
 RT moltox oxygen process

OXYGEN POTENTIAL

1981-04-03
Partial molar free enthalpy of oxygen in an oxide phase.
 *BT1 free enthalpy

oxygen reduction reactions

2016-05-03
 USE redox reactions

OXYGENASES

INIS: 1996-11-13; ETDE: 1981-01-12
 Code number 1.13.
 (From 1974 till March 1997 TRYPTOPHAN OXYGENASE was a valid ETDE descriptor.)
 UF pyrrolase (tryptophan)
 UF tryptophan oxygenase
 *BT1 oxidoreductases
 NT1 mixed-function oxidases

OXYGENATED FUELS

2013-07-19
 *BT1 liquid fuels
 RT automotive fuels

OXYHALIDES

INIS: 1989-11-24; ETDE: 1989-12-08
 BT1 halogen compounds
 BT1 oxygen compounds
 NT1 oxybromides
 NT1 oxychlorides
 NT1 oxyfluorides
 NT1 oxyiodides

OXYIODIDES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.
 *BT1 iodine compounds
 *BT1 oxyhalides
 RT iodides
 RT iodine oxides
 RT oxides

oxymethylene

USE formaldehyde

OXYNITRATES

2000-04-12
 BT1 nitrogen compounds
 BT1 oxygen compounds
 RT nitrates
 RT oxides

OXYSELENIDES

2000-04-12
 BT1 oxygen compounds
 BT1 selenium compounds
 RT oxides
 RT selenides

OXYSULFIDES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.
 BT1 oxygen compounds
 BT1 sulfur compounds
 RT oxides
 RT sulfides
 RT sulfur oxides

OXYTELLURIDES

2000-04-12
 BT1 oxygen compounds
 BT1 tellurium compounds
 RT oxides
 RT tellurides

OXYTETRACYCLINE

UF terramycin
 *BT1 tetracyclines

OXYTOCIN

*BT1 pituitary hormones
 RT parturition
 RT uterus

OYSTER CREEK-1 REACTOR

AmerGen Energy Co., LLC, Forked River, New Jersey, USA.
 *BT1 bwr type reactors

oyster creek-2 reactor

USE forked river-1 reactor

OYSTERS

*BT1 molluscs
 RT seafood

ozark region

INIS: 2000-04-12; ETDE: 1978-03-09
Use the specific states if known; otherwise, use the descriptor below.
 (Prior to May 1996 this was a valid ETDE descriptor.)
 USE usa

OZONE

RT atmospheric chemistry
 RT oxygen
 RT oxygen compounds
 RT ozonization

OZONE LAYER

INIS: 1983-02-03; ETDE: 1979-05-03
 BT1 layers
 RT chlorofluorocarbons
 RT climatic change
 RT stratosphere

OZONIZATION

INIS: 1992-04-13; ETDE: 1980-07-09
 BT1 chemical reactions
 RT ozone

p-branes

2007-08-13
 USE branes

P CODES

BT1 computer codes

P INVARIANCE

UF parity nonconservation
 UF space reflection
 BT1 invariance principles
 RT lee-yang theory
 RT parity

p-n counters

USE junction detectors

P-N JUNCTIONS

1977-01-26
 BT1 semiconductor junctions
 RT n-type conductors
 RT p-type conductors
 RT semiconductor materials

P REACTOR

Savannah River Plant, Aiken, South Carolina, USA. Reactor in surveillance and maintenance mode.
 UF savannah river plant p reactor
 *BT1 heavy water moderated reactors
 *BT1 special production reactors

P STATES

BT1 energy levels

P-TYPE CONDUCTORS

*BT1 semiconductor materials
 RT p-n junctions

P WAVES

For seismic waves use SEISMIC P WAVES.
 BT1 partial waves
 RT angular momentum
 RT quantum mechanics

p waves (seismic)

USE seismic p waves

P1-APPROXIMATION

*BT1 spherical harmonics method

RT boltzmann equation

RT perturbation theory

P2-APPROXIMATION

*BT1 spherical harmonics method

RT boltzmann equation

RT perturbation theory

P3-APPROXIMATION

*BT1 spherical harmonics method

RT boltzmann equation

RT perturbation theory

PABA

UF aminobenzoic acid-para

UF para-aminobenzoic acid

UF vitamin h-1

*BT1 amino acids

RT folic acid

RT vitamin b group

pacemakers

USE cardiac pacemakers

pacific gas diablo canyon-1 reactor

1993-11-09

USE diablo canyon-1 reactor

pacific gas diablo canyon-2 reactor

1993-11-09

USE diablo canyon-2 reactor

pacific islands

INIS: 1992-06-04; ETDE: 1978-12-11

USE oceania

pacific northwest laboratories

INIS: 2000-04-12; ETDE: 1982-09-10

USE battelle pacific northwest laboratories

pacific northwest region

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to June 1982 this was a valid ETDE descriptor.)

USE usa

PACIFIC OCEAN

1996-07-18

UF humboldt bay

*BT1 seas

NT1 bering sea

NT1 china sea

NT1 gulf of alaska

NT1 gulf of california

NT1 puget sound

NT1 san francisco bay

NT1 santa barbara channel

NT1 sequim bay

NT1 tasman sea

RT aleutian islands

RT american samoa

RT fiji

RT hawaii

RT indonesia

RT kiribati

RT kurile islands

RT marshall islands

RT micronesia

RT nauru

RT new guinea

RT new hebrides islands

RT new zealand

RT philippines

RT samoa

RT singapore

RT southern oscillation

RT tasmania

RT tonga

RT trust territory of the pacific islands

RT tuvalu

RT us west coast

RT vanuatu

PACKAGE REACTORS*Compact power reactors specially designed to simplify shipping and assembly.*

*BT1 power reactors

*BT1 transportable reactors

PACKAGING

RT containers

RT packaging rules

RT transport

PACKAGING RULES

INIS: 1976-12-08; ETDE: 1978-03-08

Including labelling.

UF labelling (packages)

*BT1 regulations

RT packaging

RT transport

PACKED BEDS

INIS: 1992-03-02; ETDE: 1992-04-01

(Prior to April 1992 PACKED BED was a valid ETDE descriptor.)

UF fixed beds

RT ebullated bed

RT fluidized beds

packing

INIS: 2000-04-12; ETDE: 1979-06-06

USE stowing

packing (column)

INIS: 1984-04-04; ETDE: 2002-04-26

USE column packing

PACKINGS

2000-04-12

UF cooling tower packing grids

NT1 column packing

RT cooling towers

PAD DISTRICTS

INIS: 2000-04-12; ETDE: 1979-09-27

UF petroleum administration for defense districts

RT petroleum

RT usa

PADE APPROXIMATION

*BT1 approximations

RT series expansion

PADUCAH PLANT

*BT1 gaseous diffusion plants

*BT1 us aec

*BT1 us doe

*BT1 us erda

RT kentucky

paec

INIS: 1977-09-06; ETDE: 1977-10-19

USE philippine atomic energy commission

pah

INIS: 2000-04-12; ETDE: 1976-08-24

USE polycyclic aromatic hydrocarbons

pahr

INIS: 1984-06-21; ETDE: 2002-04-26

Post-accident heat removal.

USE after-heat removal

PAIN

BT1 symptoms

RT analgesics

RT anesthesia

RT nervous system

paintings

INIS: 1984-04-04; ETDE: 2002-04-26

USE cultural objects

PAINTS

BT1 coatings

NT1 luminous paints

RT corrosion protection

RT pigments

pair conversion

INIS: 1985-01-17; ETDE: 2000-10-23

USE internal pair production

PAIR PRODUCTION*For production of particle pairs only; ion pairs should be indexed to IONIZATION and ION PAIRS.*

UF production (pair)

BT1 interactions

BT1 particle production

NT1 internal pair production

RT bethe-heitler theory

RT electron pairs

RT muon pairs

PAIR SPECTROMETERS

*BT1 gamma spectrometers

PAIRING ENERGY

*BT1 binding energy

PAIRING INTERACTIONS

BT1 interactions

RT generator-coordinate method

PAKHRA SYNCHROTRON

*BT1 synchrotrons

PAKISTAN

BT1 asia

BT1 developing countries

pakistan (east)

INIS: 2000-04-12; ETDE: 1976-05-17

USE bangladesh

pakistan atomic research reactor

2000-04-12

USE parr-1 reactor

pakistan miniature neutron source reactor

2004-03-15

USE parr-2 reactor

PAKISTANI ORGANIZATIONS

2004-03-31

BT1 national organizations

PAKS-1 REACTOR*Paks, Tolna, Hungary.*

UF hungarian paks-1 reactor

*BT1 wwer type reactors

PAKS-2 REACTOR*Paks, Tolna, Hungary.*

UF hungarian paks-2 reactor

*BT1 wwer type reactors

PAKS-3 REACTOR

INIS: 1980-07-24; ETDE: 1980-08-12

Paks, Tolna, Hungary.

UF hungarian paks-3 reactor

*BT1 wwer type reactors

PAKS-4 REACTOR

INIS: 1980-07-24; ETDE: 1980-08-12

Paks, Tolna, Hungary.

UF hungarian paks-4 reactor

*BT1 wwer type reactors

palanquin event

2000-04-12

(Prior to July 1996 this was a valid ETDE descriptor.)

- USE cratering explosions
- USE underground explosions

PALAU

2000-04-12

Alloy made of 80% gold and 20% palladium.

- *BT1 gold base alloys
- *BT1 palladium alloys

palau islands

INIS: 2000-04-12; ETDE: 1983-05-21

- USE trust territory of the pacific islands

paleocene epoch

INIS: 2000-04-12; ETDE: 1977-10-20

- USE tertiary period

PALEOCLIMATOLOGY

INIS: 1993-01-28; ETDE: 1986-07-25

The study of climates in the geologic past, involving fossil, glacial, isotopic, or other data.

- BT1 paleontology
- RT climate models
- RT climates
- RT climatic change
- RT fossils
- RT little ice age

paleogene period

INIS: 2000-04-12; ETDE: 1977-10-20

- USE tertiary period

PALEOMAGNETISM

INIS: 1999-05-19; ETDE: 1979-07-24

- BT1 magnetism
- RT geologic ages
- RT geomagnetic field
- RT plate tectonics

PALEONTOLOGY

- NT1 paleoclimatology
- RT age estimation
- RT biological evolution
- RT biological extinction
- RT fossils
- RT paleotemperature
- RT palynology

PALEOTEMPERATURE

INIS: 2000-04-12; ETDE: 1985-11-19

- RT paleontology
- RT temperature measurement

PALEOZOIC ERA

INIS: 1992-04-14; ETDE: 1977-10-19

- BT1 geologic ages
- NT1 cambrian period
- NT1 carboniferous period
- NT1 devonian period
- NT1 ordovician period
- NT1 permian period
- NT1 silurian period

PALIMPINON GEOTHERMAL FIELD

INIS: 1992-06-04; ETDE: 1984-02-23

- UF southern negros geothermal field
- BT1 geothermal fields
- RT philippines

PALISADES-1 REACTOR*Nuclear Management Co., LLC, South Haven, Michigan, USA.*

- UF consumers michigan palisades reactor
- UF south haven michigan reactor
- *BT1 pwr type reactors

PALLADIUM

- *BT1 platinum metals

PALLADIUM 100

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes

PALLADIUM 101

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes

PALLADIUM 102

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 stable isotopes

PALLADIUM 102 TARGET

ETDE: 1976-07-09

- BT1 targets

PALLADIUM 103

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes

PALLADIUM 104

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 stable isotopes

PALLADIUM 104 TARGET

ETDE: 1976-07-09

- BT1 targets

PALLADIUM 105

- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 stable isotopes

PALLADIUM 105 TARGET

ETDE: 1976-07-09

- BT1 targets

PALLADIUM 106

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 stable isotopes

PALLADIUM 106 TARGET

ETDE: 1976-07-09

- BT1 targets

PALLADIUM 107

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 palladium isotopes
- *BT1 seconds living radioisotopes
- *BT1 years living radioisotopes

PALLADIUM 107 TARGET

INIS: 1978-07-03; ETDE: 1977-11-28

- BT1 targets

PALLADIUM 108

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 stable isotopes

PALLADIUM 108 TARGET

ETDE: 1976-07-09

- BT1 targets

PALLADIUM 109

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 110

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 stable isotopes

PALLADIUM 110 REACTIONS

1992-02-04

- *BT1 heavy ion reactions

PALLADIUM 110 TARGET

ETDE: 1976-07-09

- BT1 targets

PALLADIUM 111

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 112

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 palladium isotopes

PALLADIUM 113

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 114

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 115

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 seconds living radioisotopes

PALLADIUM 116

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 seconds living radioisotopes

PALLADIUM 117

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 palladium isotopes
- *BT1 seconds living radioisotopes

PALLADIUM 118

1976-07-06

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 seconds living radioisotopes

PALLADIUM 118 REACTIONS

INIS: 1979-12-20; ETDE: 1979-07-18

- *BT1 heavy ion reactions

PALLADIUM 118 TARGET

INIS: 1979-12-20; ETDE: 1979-07-18

- BT1 targets

PALLADIUM 119

INIS: 1991-03-22; ETDE: 1991-04-09

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 120

INIS: 1993-04-13; ETDE: 1993-07-06

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 121

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes

PALLADIUM 122

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes

PALLADIUM 123

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes

PALLADIUM 124

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes

PALLADIUM 91

2007-11-22

- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes

PALLADIUM 92

2007-11-22

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 93

2001-11-30

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 seconds living radioisotopes

PALLADIUM 94

1996-02-14

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 seconds living radioisotopes

PALLADIUM 95

1981-09-17

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 palladium isotopes
- *BT1 seconds living radioisotopes

PALLADIUM 96

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 97

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 98

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 palladium isotopes

PALLADIUM 99

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 palladium isotopes

PALLADIUM ADDITIONS

Alloys containing not more than 1% Pd are listed here.

- RT palladium alloys

PALLADIUM ALLOYS

Alloys containing more than 1% Pd.

- *BT1 platinum metal alloys
- NT1 palau
- NT1 palladium base alloys
- RT palladium additions

PALLADIUM ARSENIDES

INIS: 1991-09-16; ETDE: 1976-07-07

- *BT1 arsenides
- *BT1 palladium compounds

PALLADIUM BASE ALLOYS

- *BT1 palladium alloys

PALLADIUM BORIDES

1991-09-16

- *BT1 borides
- *BT1 palladium compounds

PALLADIUM BROMIDES

INIS: 1979-05-28; ETDE: 1979-03-05

- *BT1 bromides
- *BT1 palladium halides

PALLADIUM CARBIDES

- *BT1 carbides
- *BT1 palladium compounds

PALLADIUM CHLORIDES

- *BT1 chlorides
- *BT1 palladium halides

PALLADIUM COMPLEXES

- *BT1 transition element complexes

PALLADIUM COMPOUNDS

1997-06-19

- BT1 transition element compounds
- NT1 palladium arsenides
- NT1 palladium borides
- NT1 palladium carbides
- NT1 palladium halides
- NT2 palladium bromides
- NT2 palladium chlorides
- NT2 palladium fluorides
- NT2 palladium iodides
- NT1 palladium hydrides
- NT1 palladium hydroxides
- NT1 palladium nitrates
- NT1 palladium nitrides
- NT1 palladium oxides
- NT1 palladium phosphides
- NT1 palladium selenides
- NT1 palladium silicides
- NT1 palladium sulfides
- NT1 palladium tellurides

PALLADIUM FLUORIDES

- *BT1 fluorides
- *BT1 palladium halides

PALLADIUM HALIDES

2012-07-25

- *BT1 halides
- *BT1 palladium compounds
- NT1 palladium bromides
- NT1 palladium chlorides
- NT1 palladium fluorides
- NT1 palladium iodides

PALLADIUM HYDRIDES

- *BT1 hydrides
- *BT1 palladium compounds

PALLADIUM HYDROXIDES

INIS: 1996-07-08; ETDE: 1979-05-25

(From June 1996 to November 2007

PALLADIUM COMPOUNDS +

HYDROXIDES was used for this concept.)

- *BT1 hydroxides
- *BT1 palladium compounds

PALLADIUM IODIDES

- *BT1 iodides
- *BT1 palladium halides

PALLADIUM IONS

- *BT1 ions

PALLADIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 palladium 100
- NT1 palladium 101
- NT1 palladium 102
- NT1 palladium 103
- NT1 palladium 104
- NT1 palladium 105
- NT1 palladium 106
- NT1 palladium 107
- NT1 palladium 108
- NT1 palladium 109
- NT1 palladium 110
- NT1 palladium 111
- NT1 palladium 112
- NT1 palladium 113
- NT1 palladium 114
- NT1 palladium 115
- NT1 palladium 116
- NT1 palladium 117

NT1 palladium 118
 NT1 palladium 119
 NT1 palladium 120
 NT1 palladium 121
 NT1 palladium 122
 NT1 palladium 123
 NT1 palladium 124
 NT1 palladium 91
 NT1 palladium 92
 NT1 palladium 93
 NT1 palladium 94
 NT1 palladium 95
 NT1 palladium 96
 NT1 palladium 97
 NT1 palladium 98
 NT1 palladium 99

PALLADIUM NITRATES

INIS: 1994-08-22; ETDE: 1978-10-20

(From January 1993 to November 2007

PALLADIUM COMPOUNDS + NITRATES was used for this concept.)

*BT1 nitrates

*BT1 palladium compounds

PALLADIUM NITRIDES

INIS: 2000-04-12; ETDE: 1975-12-16

(From January 1995 to November 2007

PALLADIUM COMPOUNDS + NITRIDES was used for this concept.)

*BT1 nitrides

*BT1 palladium compounds

PALLADIUM OXIDES

*BT1 oxides

*BT1 palladium compounds

PALLADIUM PHOSPHIDES

INIS: 2000-04-12; ETDE: 1975-10-01

*BT1 palladium compounds

*BT1 phosphides

PALLADIUM SELENIDES

INIS: 2000-04-12; ETDE: 1976-03-11

*BT1 palladium compounds

*BT1 selenides

PALLADIUM SILICIDES

INIS: 1976-10-29; ETDE: 1976-02-19

*BT1 palladium compounds

*BT1 silicides

PALLADIUM SULFIDES

1976-10-07

*BT1 palladium compounds

*BT1 sulfides

PALLADIUM TELLURIDES

INIS: 1978-02-23; ETDE: 1976-06-07

*BT1 palladium compounds

*BT1 tellurides

PALM OIL

INIS: 2001-06-19; ETDE: 2001-11-30

*BT1 vegetable oils

RT oil palms

palmitic acid

USE hexadecanoic acid

PALO DURO BASIN

INIS: 2000-04-12; ETDE: 1984-02-10

BT1 permian basin

RT radioactive waste disposal

RT texas

PALO VERDE-1 REACTOR

Arizona Public Service Co., Wintersburg, Arizona, USA.

*BT1 pwr type reactors

RT ce standard reactor

PALO VERDE-2 REACTOR

Arizona Public Service Co., Wintersburg, Arizona, USA.

*BT1 pwr type reactors

RT ce standard reactor

PALO VERDE-3 REACTOR

Arizona Public Service Co., Wintersburg, Arizona, USA.

*BT1 pwr type reactors

RT ce standard reactor

PALO VERDE-4 REACTOR

INIS: 1978-07-31; ETDE: 1978-06-14

Arizona Public Service Co., Wintersburg, Arizona, USA. Canceled in 1979 before construction began.

*BT1 pwr type reactors

RT ce standard reactor

PALO VERDE-5 REACTOR

INIS: 1978-07-31; ETDE: 1978-06-14

Arizona Public Service Co., Wintersburg, Arizona, USA. Canceled in 1979 before construction began.

*BT1 pwr type reactors

RT ce standard reactor

PALUEL-1 REACTOR

INIS: 1981-05-11; ETDE: 1981-06-13

Electricite de France, Cany Barville, Seine-Maritime, France

*BT1 pwr type reactors

PALUEL-2 REACTOR

INIS: 1981-07-13; ETDE: 1981-08-04

Electricite de France, Cany Barville, Seine-Maritime, France

*BT1 pwr type reactors

PALUEL-3 REACTOR

INIS: 1981-07-13; ETDE: 1981-08-04

Electricite de France, Cany Barville, Seine-Maritime, France

*BT1 pwr type reactors

PALUEL-4 REACTOR

INIS: 1981-07-13; ETDE: 1981-08-04

Electricite de France, Cany Barville, Seine-Maritime, France

*BT1 pwr type reactors

PALYNOLOGY

INIS: 2000-04-12; ETDE: 1986-01-15

The study of pollen and spores of plants, including their dispersal and applications in stratigraphy and paleoecology.

RT paleontology

RT pollen

RT stratigraphy

PAMCO PROCESS

2000-04-12

Spencer chemical company process for direct catalytic conversion of coal to synthetic crude oil by hydrogenation during and after solvent extraction.

*BT1 coal liquefaction

PAMELA PLANT

1988-02-02

Vitrification plant for high-level radioactive wastes in Mol, Belgium.

*BT1 radioactive waste facilities

RT high-level radioactive wastes

RT pilot plants

RT radioactive waste processing

RT vitrification

PAMPUS STORAGE RING

INIS: 1977-09-15; ETDE: 1977-11-10

Photons for Atomic and Molecular Processes and Universal Studies storage ring facility in Amsterdam.

BT1 storage rings

pan (pyridylazonaphthol)

ETDE: 2005-02-01

(Prior to January 2005 PAN was a valid descriptor.)

USE pyridylazonaphthol

PANAMA

*BT1 central america

BT1 developing countries

PANAMA CANAL

1996-07-08

*BT1 inland waterways

panama canal zone

1996-07-08

(Until June 1996 this was a valid descriptor.)

USE central america

PANCREAS

BT1 digestive system

*BT1 endocrine glands

RT amylase

RT chymotrypsin

RT glucagon

RT insulin

RT trypsin

PANDA DETECTOR

2017-11-01

Antiproton annihilation at Darmstadt

UF panda experiment

*BT1 radiation detectors

RT fair accelerator complex

panda experiment

2017-11-01

USE panda detector

PANELS

INIS: 1999-05-26; ETDE: 1985-04-09

RT underground mining

RT walls

panindco process

2000-04-12

Pulverized coal is fed into center of cylinder and surrounded by oxygen-steam or air-steam mixtures. Synthesis gas of 210 or 125 btu/scf is produced.

(Prior to July 1993, this was a valid ETDE descriptor.)

USE coal gasification

PANOFISKY RATIO

Charge exchange to capture ratio.

BT1 dimensionless numbers

RT capture

RT photoproduction

PANSTOWA AGENCJA ATOMISTYKI

INIS: 1992-01-28; ETDE: 1992-02-14

*BT1 polish organizations

PANTEX PLANT

INIS: 1977-09-06; ETDE: 1976-11-17

*BT1 us doe

*BT1 us erda

RT texas

PANTOTHENIC ACID

UF vitamin b-5

*BT1 amino acids

*BT1 hydroxy acids

*BT1 vitamin b group
RT alanine-beta

PAPAIN

Code number 3.4.22.2.

*BT1 sh-proteinases

PAPAYER SOMNIFERUM

*BT1 magnoliopsida
*BT1 medicinal plants
RT morphine
RT opium

PAPAYAS

*BT1 fruits

PAPER

RT dielectric materials
RT paper industry

paper chromatography

USE chromatography

PAPER INDUSTRY

INIS: 1992-03-10; ETDE: 1977-01-31

*BT1 wood products industry
RT forestry
RT paper
RT printing and publishing industry
RT wood

papp

1996-07-18

Aminopropiophenone-para.

(Until July 1996 this was a valid descriptor.)

USE amines
USE ketones

paprika

INIS: 1984-04-04; ETDE: 2001-01-23

USE peppers

papua

INIS: 1992-06-04; ETDE: 1978-10-25

USE papua new guinea

PAPUA NEW GUINEA

INIS: 1992-02-21; ETDE: 1978-10-25

(Prior to February 1992, this was indexed by NEW GUINEA.)

UF papua
*BT1 new guinea

para-aminobenzoic acid

USE paba

PARA-SCHOEPITE

2000-04-12

*BT1 oxide minerals
*BT1 uranium minerals
RT uranium oxides

parabanic acid

USE imidazoles
USE organic oxygen compounds

PARABIOSIS

BT1 mosaicism
RT blood circulation

PARABOLAS

2000-04-12

BT1 shape

PARABOLIC COLLECTORS

INIS: 1992-03-11; ETDE: 1977-06-21

*BT1 concentrating collectors
NT1 parabolic dish collectors
NT1 parabolic trough collectors
RT parabolic reflectors

PARABOLIC DISH COLLECTORS

INIS: 1992-03-30; ETDE: 1978-10-25

UF circular point collectors

UF parabolic point collectors

*BT1 parabolic collectors
RT parabolic dish reflectors

PARABOLIC DISH REFLECTORS

INIS: 2000-04-12; ETDE: 1981-04-17

*BT1 parabolic reflectors
RT parabolic dish collectors

parabolic point collectors

INIS: 1992-03-30; ETDE: 1978-10-25

USE parabolic dish collectors

PARABOLIC REFLECTORS

2000-04-12

*BT1 solar reflectors
NT1 parabolic dish reflectors
NT1 parabolic trough reflectors
RT cassegrainian concentrators
RT compound parabolic concentrators
RT mirrors
RT parabolic collectors
RT parabolic trough collectors
RT reflection

PARABOLIC TROUGH COLLECTORS

INIS: 1992-03-11; ETDE: 1978-10-25

UF cylindrical parabolic collectors
*BT1 parabolic collectors
RT parabolic reflectors
RT parabolic trough reflectors

PARABOLIC TROUGH REFLECTORS

INIS: 2000-04-12; ETDE: 1981-04-17

*BT1 parabolic reflectors
RT parabolic trough collectors

paracharge

INIS: 1996-07-18; ETDE: 1976-11-01

(Until July 1996 this was a valid descriptor.)

USE particle properties

PARACHUTES

2000-04-12

RT aerodynamics
RT reentry

PARADISE STEAM PLANT

INIS: 2000-04-12; ETDE: 1978-09-13

*BT1 fossil-fuel power plants
RT tennessee valley authority

PARADOX BASIN

INIS: 1986-07-09; ETDE: 1984-03-19

An area of about 10, 000 square miles in southeastern Utah and southwestern Colorado underlain by a series of salt-core anticlines.

RT colorado
RT radioactive waste disposal
RT utah

PARAELECTRIC RESONANCE

Resonant rotation of electric dipoles in ionic crystals.

UF per (paraelectric resonance)
*BT1 electric resonance

PARAFFIN

*BT1 alkanes
*BT1 waxes
RT shielding materials

paraffin removal

INIS: 2000-04-12; ETDE: 1984-10-24

USE dewaxing

paraffins

USE alkanes

paragenes

INIS: 1982-01-13; ETDE: 1977-12-22

USE plasmids

paragenesis

INIS: 2000-04-12; ETDE: 1981-08-21

A characteristic association of minerals connoting contemporaneous formation. (Prior to March 1997 this was a valid ETDE descriptor.)

SEE geologic deposits
SEE petrogenesis

paragonite

INIS: 2000-04-12; ETDE: 1976-01-26

A yellowish or greenish mineral of the mica group.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE mica

PARAGUAY

1982-02-09

BT1 developing countries
*BT1 south america

PARAGUAYAN CNEA

2005-07-06

Comision Nacional de Energia Atomica.

UF cnea (paraguay)
*BT1 paraguay organizations

PARAGUAYAN ORGANIZATIONS

2005-07-06

BT1 national organizations
NT1 paraguay cnea

PARAHO PROCESS

2000-04-12

An oil shale processing method in which heat transfer during the vertical-kiln retorting process is effected by internal combustion of spent shale carbon residue. An alternative method makes use of hot recycle gas with no combustion in the retort.

RT oil shales

PARALLEL PROCESSING

INIS: 1997-06-17; ETDE: 1984-01-27

The concurrent or simultaneous execution of more than one program, or the handling of input for more than one operation at the same time.

UF multiprocessing
BT1 programming
RT algorithms
RT cedar computers
RT computers
RT memory management
RT task scheduling
RT vector processing

paramagnetic resonance (electron acoustic)

INIS: 1993-11-09; ETDE: 2002-04-26

USE acoustic esr

paramagnetic resonance (electron)

USE electron spin resonance

paramagnetic resonance (nuclear acoustic)

INIS: 1993-11-09; ETDE: 2002-04-26

USE acoustic nmr

paramagnetic resonance (nuclear)

USE nuclear magnetic resonance

PARAMAGNETISM

BT1 magnetism
RT van vleck theory

PARAMECIUM

*BT1 ciliata

parameter computers

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE digital computers

PARAMETRIC AMPLIFIERS

*BT1 amplifiers

RT frequency converters

PARAMETRIC ANALYSIS

INIS: 1992-03-09; ETDE: 1980-03-04

Experimental or theoretical study of the changes in the characteristics of a system due to changes in design or operating parameters.

NT1 prony method

RT mathematical models

RT multi-parameter analysis

RT optimization

RT response functions

RT sensitivity analysis

RT systems analysis

PARAMETRIC INSTABILITIES

UF non-linear plasma instabilities

UF nonlinear plasma instabilities

*BT1 plasma macroinstabilities

RT alternating current

RT electric fields

PARAMETRIC OSCILLATORS

INIS: 1994-06-27; ETDE: 1978-12-11

*BT1 oscillators

RT optical equipment

PARASITES

1996-07-18

UF claviceps

SF helminths

NT1 ascaridae

NT2 ascaris

NT1 cestodes

NT1 dictyocaulus

NT1 fusarium

NT1 hookworm

NT1 mildew

NT1 sporozoa

NT2 babesidae

NT2 plasmodium

NT1 trematodes

NT2 fasciola

NT2 schistosoma

NT1 trichinella

NT1 trypanosoma

NT1 ustilago

NT1 viruses

NT2 aids virus

NT2 bacteriophages

NT2 influenza viruses

NT2 measles virus

NT2 oncogenic viruses

NT3 adenovirus

NT3 leukemia viruses

NT3 polyoma virus

NT2 polio virus

NT2 simian virus

NT2 tobacco mosaic virus

NT2 vaccinia virus

NT2 zika virus

RT disease vectors

RT filariasis

RT fungi

RT hydatidosis

RT insects

RT invertebrates

RT microorganisms

RT mites

RT nematodes

RT parasitic diseases

RT pest control

RT pest eradication

RT pesticides

RT plant diseases

RT protozoa

RT screwworm fly

RT sterile male technique

RT trypanosomes

PARASITIC DISEASES

INIS: 1982-12-08; ETDE: 1981-01-12

*BT1 infectious diseases

NT1 fascioliasis

NT1 filariasis

NT1 hydatidosis

NT1 malaria

NT1 schistosomiasis

NT1 trichinosis

NT1 trypanosomiasis

RT dictyocaulus

RT hookworm

RT host

RT parasites

PARASTATISTICS

INIS: 1977-01-26; ETDE: 1977-04-13

RT bose-einstein statistics

RT fermi statistics

RT field algebra

RT statistical mechanics

parasympathetic nervous system

USE autonomic nervous system

PARASYMPATHOLYTICS

*BT1 autonomic nervous system agents

NT1 atropine

NT1 nicotine

RT autonomic nervous system

RT neuroregulators

RT parasympathomimetics

RT sympatholytics

RT sympathomimetics

PARASYMPATHOMIMETICS

*BT1 autonomic nervous system agents

NT1 acetylcholine

NT1 eserine

NT1 nicotine

NT1 pilocarpine

RT autonomic nervous system

RT neuroregulators

RT parasympatholytics

RT sympatholytics

RT sympathomimetics

RT vagus

PARATHION

INIS: 1976-05-07; ETDE: 1976-08-04

*BT1 insecticides

*BT1 organic nitrogen compounds

*BT1 organic phosphorus compounds

*BT1 thiophosphoric acid esters

PARATHORMONE

*BT1 peptide hormones

RT bone tissues

RT calcium

RT parathyroid glands

PARATHYROID GLANDS

*BT1 endocrine glands

RT calcitonin

RT hyperparathyroidism

RT neck

RT parathormone

RT thyroid

PARATUNKA GEOTHERMAL FIELD

2000-04-12

BT1 geothermal fields

paratyphoid

1996-07-18

(Until July 1996 this was a valid descriptor.)

USE bacterial diseases

PARIS AGREEMENT

2016-04-20

An agreement within the framework of the United Nations Framework Convention on Climate Change (UNFCCC) governing carbon dioxide reduction measures from 2020.

UF paris climate change agreement

*BT1 multilateral agreements

RT carbon dioxide

RT carbon footprint

RT climatic change

RT emissions tax

RT emissions trading

RT environmental protection

RT greenhouse gases

RT kyoto protocol

RT pollution laws

RT unfccc

paris climate change agreement

2016-04-20

USE paris agreement

paris convention-third party liability

USE pcotpl

PARITY

1996-06-28

(Prior to July 1996 MINAMI AMBIGUITY was a valid ETDE descriptor.)

SF minami ambiguity

BT1 particle properties

RT morrison rule

RT p invariance

RT quantum numbers

parity nonconservation

USE p invariance

PARKA REACTOR

INIS: 1979-02-21; ETDE: 1976-12-16

LANL, Los Alamos, New Mexico, USA. Shut down in 1987.

UF lasl critical assembly

*BT1 zero power reactors

parks

INIS: 2000-04-12; ETDE: 1981-01-09

SEE everglades national park

SEE public lands

SEE recreational areas

SEE yellowstone national park

parks (energy)

INIS: 2000-04-12; ETDE: 1981-01-09

USE energy parks

parks (nuclear)

INIS: 2000-04-12; ETDE: 1981-01-09

USE nuclear parks

paroxypropione

INIS: 2005-01-31; ETDE: 2005-02-01

USE hydroxypropioiphenone

PARR-1 REACTOR

2004-03-15

Pakistan Atomic Energy Commission, Islamabad, Pakistan.

(Prior to March 2004 the descriptor PARR REACTOR was used for this reactor.)

UF islamabad reactor pakistan

UF pakistan atomic research reactor

UF parr reactor

UF rawalpindi research reactor

*BT1 enriched uranium reactors

- *BT1 pool type reactors
- *BT1 research reactors

PARR-2 REACTOR

2004-03-15

Pakistan Atomic Energy Commission,
Islamabad, Pakistan.

- UF pakistan miniature neutron source reactor

- *BT1 mnsr type reactors

parr carolinas cvtr reactor

- USE cvtr reactor

parr reactor

(Prior to March 2004 this was a valid descriptor.)

- USE parr-1 reactor

parsonsite

INIS: 1996-07-08; ETDE: 2002-04-26

(Until June 1996 this was a valid descriptor.)

- USE phosphate minerals
- USE uranium minerals

part-time work schedules

INIS: 2000-04-12; ETDE: 1984-05-08

- USE alternative work schedules

parthenium argentatum

INIS: 2000-04-12; ETDE: 1980-01-15

- USE guayule

parthenogenesis

- USE reproduction

PARTIAL BODY IRRADIATION

- UF shielded organs

- *BT1 external irradiation

- RT abscopal radiation effects

- RT local irradiation

- RT spatial dose distributions

partial conservation axial currents

1993-11-09

- USE pcac theory

partial conservation vector current

1993-11-09

- USE pcvc theory

PARTIAL DIFFERENTIAL EQUATIONS

INIS: 1982-12-07; ETDE: 1980-11-25

- *BT1 differential equations

- NT1 boltzmann equation

- NT1 boltzmann-vlasov equation

- NT2 plasma fluid equations

- NT1 continuity equations

- NT1 diffusion equations

- NT2 neutron diffusion equation

- NT1 equations of motion

- NT1 fokker-planck equation

- NT1 fourier heat equation

- NT1 grad-shafranov equation

- NT1 hamilton-jacobi equations

- NT1 korteweg-de vries equation

- NT1 lagrange equations

- NT1 laplace equation

- NT1 maxwell equations

- NT1 navier-stokes equations

- NT1 poisson equation

- NT1 proca equations

- NT1 wave equations

- NT2 dirac equation

- NT3 dirac spinors

- NT2 klein-gordon equation

- NT2 majorana equation

- NT2 schroedinger equation

- RT cauchy problem

- RT dirichlet problem

PARTIAL MOLAL VOLUME

INIS: 2000-04-12; ETDE: 1975-09-11

Partial molal volume is the change in volume of a solution which would be brought about by the addition of one mole of solute to such a large amount of solution that the composition of the solution remains essentially unchanged.

- RT thermodynamic properties

PARTIAL OXIDATION PROCESSES

2000-04-12

- BT1 chemical reactions

- BT1 thermochemical processes

- RT autothermal reformer processes

- RT hydrocarbons

- RT hydrogen production

- RT shell gasification process

PARTIAL PRESSURE

INIS: 1985-07-23; ETDE: 1981-11-10

The pressure that would be exerted by one component of a mixture of gases if it were present alone in a container.

- *BT1 thermodynamic properties

- RT dissolved gases

PARTIAL WAVES

- NT1 d waves

- NT1 f waves

- NT1 p waves

- NT1 s waves

- RT angular momentum

- RT cdd poles

- RT dispersion relations

- RT linear absorption models

- RT n-d method

- RT omnes-muskhelishvili method

- RT phase shift

- RT quantum mechanics

- RT scattering

- RT scattering amplitudes

PARTICLE BEAM FUSION ACCELERATOR

INIS: 1999-01-20; ETDE: 1980-03-04

- UF pbfa

- BT1 accelerators

- RT electron beam fusion accelerator

- RT inertial confinement

- RT ion beam fusion reactors

particle-beam weapons

INIS: 2000-04-12; ETDE: 1981-08-21

- USE directed-energy weapons

PARTICLE BEAMS

- BT1 beams

- NT1 hyperon beams

- NT2 lambda particle beams

- NT2 sigma particle beams

- NT1 lepton beams

- NT2 electron beams

- NT2 muon beams

- NT2 neutrino beams

- NT3 antineutrino beams

- NT2 positron beams

- NT1 meson beams

- NT2 eta meson beams

- NT2 kaon beams

- NT2 pion beams

- NT1 nucleon beams

- NT2 neutron beams

- NT2 proton beams

- RT beam neutralization

- RT directed-energy weapons

- RT ion beams

- RT photon beams

- RT pomeranchuk theorem

- RT q-shift

PARTICLE BOOSTERS

First stage of a multistage accelerator.

- UF boosters (particle)

- RT accelerators

- RT beam injection

PARTICLE-CORE COUPLING MODEL

INIS: 1977-01-26; ETDE: 1977-04-13

- UF particle-core model

- UF particle-rotor model

- *BT1 nuclear models

- RT coupling

- RT nuclear structure

particle-core model

1984-04-04

(Prior to July 1985, this was a valid ETDE descriptor.)

- USE particle-core coupling model

PARTICLE DECAY

- SF disintegration (nuclear particles)

- BT1 decay

- NT1 electromagnetic particle decay

- NT1 hadronic particle decay

- NT1 radiative decay

- NT1 weak particle decay

- NT2 leptonic decay

- NT2 semileptonic decay

- NT2 weak hadronic decay

- RT multiple production

- RT particle production

PARTICLE DISCRIMINATION

Particle or radiation discrimination in a mixed field.

- BT1 particle identification

- RT measuring methods

- RT radiation detection

- RT resolution

PARTICLE ELECTRIC POLARIZABILITY

2015-01-29

- UF polarizability (particle electric)

- *BT1 particle polarizability

- RT electric dipole moments

PARTICLE-HOLE MODEL

- *BT1 nuclear models

- RT aligned coupling scheme

- RT weak-coupling model

PARTICLE IDENTIFICATION

- NT1 particle discrimination

particle-induced x-ray emission analysis

INIS: 2000-04-12; ETDE: 1978-08-07

- USE x-ray emission analysis

PARTICLE INFLUX

1995-07-03

- UF influx (particles)

- RT particle losses

- RT plasma impurities

- RT thermonuclear fuels

- RT wall effects

PARTICLE INTERACTIONS

- BT1 interactions

- NT1 annihilation

- NT1 charged-current interactions

- NT1 coherent production

- NT1 electron-quark interactions

- NT1 electroproduction

- NT1 exclusive interactions

- NT2 semi-exclusive interactions

- NT1 gluon-gluon interactions

- NT1 hadron-hadron interactions

NT2 baryon-baryon interactions
NT3 hyperon-hyperon interactions
NT3 nucleon-antinucleon interactions
NT4 antiproton-neutron interactions
NT4 neutron-antineutron interactions
NT4 proton-antineutron interactions
NT4 proton-antiproton interactions
NT3 nucleon-deuteron interactions
NT4 proton-deuteron interactions
NT3 nucleon-hyperon interactions
NT3 nucleon-nucleon interactions
NT4 neutron-neutron interactions
NT4 proton-nucleon interactions
NT5 proton-neutron interactions
NT5 proton-proton interactions
NT2 meson-baryon interactions
NT3 meson-hyperon interactions
NT4 kaon-hyperon interactions
NT4 pion-hyperon interactions
NT3 meson-nucleon interactions
NT4 kaon-nucleon interactions
NT5 kaon-neutron interactions
NT6 kaon minus-neutron interactions
NT6 kaon neutral-neutron interactions
NT6 kaon plus-neutron interactions
NT5 kaon-proton interactions
NT6 kaon minus-proton interactions
NT6 kaon neutral-proton interactions
NT6 kaon plus-proton interactions
NT4 pion-nucleon interactions
NT5 pion-neutron interactions
NT6 pion minus-neutron interactions
NT6 pion plus-neutron interactions
NT5 pion-proton interactions
NT6 pion minus-proton interactions
NT6 pion plus-proton interactions
NT2 meson-meson interactions
NT3 kaon-kaon interactions
NT3 pion-kaon interactions
NT3 pion-pion interactions
NT1 inclusive interactions
NT2 semi-inclusive interactions
NT1 incoherent production
NT1 lepton-hadron interactions
NT2 lepton-baryon interactions
NT3 lepton-nucleon interactions
NT4 deep inelastic scattering
NT4 electron-nucleon interactions
NT5 electron-neutron interactions
NT5 electron-proton interactions
NT4 lepton-neutron interactions
NT5 antilepton-neutron interactions
NT6 antineutrino-neutron interactions
NT4 lepton-proton interactions
NT5 antilepton-proton interactions
NT6 antineutrino-proton interactions
NT4 muon-nucleon interactions
NT5 muon-neutron interactions
NT5 muon-proton interactions
NT4 neutrino-nucleon interactions
NT5 antineutrino-nucleon interactions
NT6 antineutrino-neutron interactions
NT6 antineutrino-proton interactions
NT5 neutrino-neutron interactions

NT6 antineutrino-neutron interactions
NT5 neutrino-proton interactions
NT6 antineutrino-proton interactions
NT2 lepton-meson interactions
NT3 electron-meson interactions
NT4 electron-pion interactions
NT3 muon-meson interactions
NT3 neutrino-meson interactions
NT1 lepton-lepton interactions
NT2 electron-electron interactions
NT2 electron-muon interactions
NT2 electron-positron interactions
NT2 muon-muon interactions
NT2 neutrino-electron interactions
NT3 antineutrino-electron interactions
NT2 neutrino-muon interactions
NT2 neutrino-neutrino interactions
NT2 positron-positron interactions
NT1 neutral-current interactions
NT1 photon-hadron interactions
NT2 photon-baryon interactions
NT3 photon-hyperon interactions
NT3 photon-nucleon interactions
NT4 photon-neutron interactions
NT4 photon-proton interactions
NT2 photon-meson interactions
NT1 photon-lepton interactions
NT2 photon-electron interactions
NT2 photon-muon interactions
NT2 photon-neutrino interactions
NT1 photon-photon interactions
NT1 photoproduction
NT2 primakoff effect
NT1 quark-antiquark interactions
NT1 quark-gluon interactions
NT1 quark-hadron interactions
NT1 quark-quark interactions
RT centauro-type events
RT coherent tube model
RT four momentum transfer
RT longitudinal momentum
RT m-theory
RT morrison rule
RT multiple production
RT particle kinematics
RT particle production
RT polarized products
RT s channel
RT straight-line path approximation
RT string models
RT t channel
RT transverse energy
RT transverse momentum
RT u channel

PARTICLE KINEMATICS

UF *kinematics (particle)*
RT angular correlation
RT collisions
RT conservation laws
RT decay
RT distribution
RT equations of motion
RT particle interactions
RT particle rapidity

PARTICLE LOSSES

INIS: 1995-07-03; ETDE: 1983-03-24

BT1 losses
RT energy losses
RT particle influx
RT plasma confinement
RT plasma disruption

PARTICLE MAGNETIC POLARIZABILITY

2015-01-29

UF *polarizability (particle magnetic)*

***BT1** particle polarizability
RT magnetic dipole moments

PARTICLE MOBILITY

BT1 mobility
NT1 electron mobility
NT1 ion mobility

PARTICLE MODELS

UF *models (particle)*
BT1 mathematical models
NT1 coherent tube model
NT1 composite models
NT2 bootstrap model
NT2 cim model
NT2 quark model
NT3 bag model
NT3 color model
NT3 flavor model
NT3 string models
NT4 superstring models
NT1 correlated-particle models
NT1 diffraction models
NT1 dual absorption model
NT1 extended particle model
NT2 bag model
NT2 string models
NT3 superstring models
NT1 feynman gas model
NT1 fireball model
NT1 gluon model
NT1 hard collision models
NT1 higgs model
NT1 isobar model
NT1 jet model
NT1 lee model
NT1 linear absorption models
NT1 nova model
NT1 octet model
NT1 peripheral models
NT2 baryon-exchange models
NT2 boson-exchange models
NT3 obe model
NT4 ope model
NT5 electric born model
NT3 sigma model
NT2 multiperipheral model
NT3 cluster emission model
NT4 space-time model
NT1 strong-coupling model
NT1 tensor dominance model
NT1 thermodynamic model
NT2 hydrodynamic model
NT1 uncorrelated-particle model
NT1 unified gauge models
NT2 grand unified theory
NT3 standard model
NT2 weinberg-salam gauge model
NT1 van hove model
NT1 vector dominance model
NT1 veneziano model
NT2 dual resonance model
RT branes
RT harmonic oscillator models
RT leading particles
RT limiting fragmentation
RT m-theory
RT optical models
RT particle multiplets
RT particle structure
RT statistical models
RT structure functions

PARTICLE MULTIPLETS

BT1 multiplets
NT1 baryon decuplets
NT1 baryon octets
NT1 meson nonets
NT1 meson octets
RT okubo mass formula

RT particle models
RT spectra

PARTICLE POLARIZABILITY

2015-01-29

BT1 particle properties
NT1 particle electric polarizability
NT1 particle magnetic polarizability

PARTICLE PRODUCTION

UF cumulative effect
UF diffractive dissociation
UF production (particle)
UF production mechanisms (particle)
NT1 coherent production
NT1 electroproduction
NT1 incoherent production
NT1 multiple production
NT2 pionization
NT1 pair production
NT2 internal pair production
NT1 photoproduction
NT2 primakoff effect
RT blakenbecker-sugar equations
RT hydrodynamic model
RT leading particles
RT mixing ratio
RT particle decay
RT particle interactions
RT regeneration

PARTICLE PROPERTIES

1996-07-18

Use only for data compilations or papers of a similar broad nature; otherwise use the specific terms listed below.

UF paracharge
NT1 chirality
NT1 form factors
NT2 dirac form factors
NT2 electromagnetic form factors
NT2 pauli form factors
NT1 g parity
NT1 helicity
NT1 hypercharge
NT1 isospin
NT1 mass difference
NT1 parity
NT1 particle polarizability
NT2 particle electric polarizability
NT2 particle magnetic polarizability
NT1 particle radii
NT1 particle rapidity
NT1 particle widths
NT1 spin
NT1 strangeness
RT lifetime
RT limiting values
RT quantum numbers
RT spin orientation

PARTICLE RADII

For quantum objects only; otherwise use PARTICLE SIZE.

UF charge radius (particle)
UF mass radius (particle)
BT1 particle properties
RT nuclear radii
RT particle structure

PARTICLE RAPIDITY

Defined as $(1/2)\ln((E+pc)/(E-pc))$, where p is the longitudinal momentum; widely used in high energy physics.

UF rapidity
BT1 particle properties
RT kinetic energy
RT longitudinal momentum
RT particle kinematics
RT scale invariance

PARTICLE RESUSPENSION

INIS: 1977-09-06; ETDE: 1976-07-07

UF resuspension
UF resuspension (particles)
RT aerodynamics
RT aerosols
RT air pollution
RT chemical effluents
RT diffusion
RT dispersions
RT dusts
RT earth crust
RT fallout
RT radioactive aerosols
RT radioactive effluents
RT radionuclide migration
RT surface air
RT wind

particle-rotor model

INIS: 1984-04-04; ETDE: 2002-04-26

USE particle-core coupling model

PARTICLE SIZE

For quantum objects see PARTICLE RADII.

BT1 size
RT aerosols
RT agglomeration
RT ceramography
RT colloids
RT dispersions
RT droplets
RT dusts
RT elutriation
RT microspheres
RT particle size classifiers
RT particles
RT powders

PARTICLE SIZE CLASSIFIERS

INIS: 1999-09-08; ETDE: 1977-03-08

BT1 equipment
RT classification
RT particle size
RT screens
RT separation processes
RT sorting
RT trommels

PARTICLE SOURCES

BT1 radiation sources
NT1 alpha sources
NT1 antiproton sources
NT1 beta sources
NT1 deuteron sources
NT1 electron sources
NT2 pierce electron guns
NT1 neutron sources
NT2 neutron generators
NT1 positron sources
NT1 proton sources
RT ion sources

PARTICLE STRUCTURE

1996-06-26

(Prior to June 1996 BACH-TAMAID THEORY was a valid ETDE descriptor.)

SF bach-tamaid theory
RT emc effect
RT landau quasi particles
RT particle models
RT particle radii
RT string models
RT structure functions
RT superstring models

PARTICLE TRACKS

UF prongs
UF tracks
NT1 fission tracks
RT dielectric track detectors

RT etching
RT image scanners
RT particles
RT pattern recognition
RT trajectories

PARTICLE WIDTHS

BT1 particle properties
RT lifetime

PARTICLES

When appropriate, see the more specific descriptors listed under CHARGED PARTICLES, ELEMENTARY PARTICLES, and QUASIPARTICLES.

UF fallout particulates
UF fragments (particles)
UF radioactive particulates
NT1 coarse particles
NT1 droplets
NT1 fine particles
NT1 interstellar grains
NT1 nanoparticles
NT1 particulates
NT2 soot
NT2 total suspended particulates
NT1 soot
RT aerosols
RT colloids
RT condensation nuclei
RT dispersions
RT dusts
RT elutriation
RT granular materials
RT micellar systems
RT particle size
RT particle tracks
RT powders
RT sedimentation
RT stokes number
RT virial theorem
RT viruses

particles (fuel)

USE fuel particles

PARTICULATES

INIS: 1991-08-14; ETDE: 1981-09-08

(Prior to August 1991, this concept was indexed to AEROSOLS and PARTICLES.)

UF airborne particles
UF airborne particulates
UF waterborne particles
UF waterborne particulates
SF inhalable particles
BT1 particles
NT1 soot
NT1 total suspended particulates
RT aerosols
RT air pollution
RT air pollution abatement
RT air pollution monitoring
RT ashes
RT dispersions
RT dusts
RT fly ash
RT water pollution

PARTITION

Not to be used in connection with ion exchange or ion exchange chromatography.

RT arrhenius equation
RT equilibrium
RT gas chromatography
RT solvent extraction

partition chromatography

USE chromatography

PARTITION FUNCTIONS

BT1 functions

RT statistical mechanics
RT thermodynamics

parton model

(This was a valid descriptor untill March 2006.)

SEE gluon model
 SEE quark model

partons

INIS: 2000-02-26; *ETDE*: 1980-03-29

(This was a valid descriptor from February 1980 to March 2006.)

SEE gluons
 SEE quarks

PARTURITION

UF birth
RT oxytocin
RT pregnancy
RT progeny

PASCAL

INIS: 2000-04-12; *ETDE*: 1985-12-11

BT1 programming languages

PASCHEN-BACK EFFECT

RT fine structure
RT zeeman effect

paschen curve

USE paschen law

PASCHEN LAW

UF paschen curve
UF paschen minimum
RT breakdown
RT electric discharges
RT electric potential
RT gases
RT spark gaps

PASCHEN LINES

RT spectra

paschen minimum

USE paschen law

PASCO BASIN

INIS: 1992-06-04; *ETDE*: 1984-08-20

*BT1 columbia river basin
RT hanford reservation
RT radioactive waste disposal
RT washington

PASCOITE

2000-04-12

*BT1 oxide minerals
 *BT1 radioactive minerals
RT calcium oxides
RT vanadium oxides

PASSAMAQUODDY POWER PLANT

INIS: 2000-04-12; *ETDE*: 1975-11-11

*BT1 tidal power plants

passengers

INIS: 2000-04-12; *ETDE*: 1978-04-05

USE occupants

PASSIVATION

RT corrosion protection

PASSIVE SOLAR COOLING SYSTEMS

INIS: 2000-04-12; *ETDE*: 1977-07-23

*BT1 solar cooling systems
 NT1 bead walls
 NT1 drum walls
 NT1 roof ponds
RT curtains
RT solar architecture

PASSIVE SOLAR HEATING SYSTEMS

INIS: 2000-05-08; *ETDE*: 1977-07-23

*BT1 solar heating systems
 NT1 bead walls
 NT1 direct gain systems
 NT1 drum walls
 NT1 roof ponds
 NT1 thermic diode solar panels
 NT1 trombe walls
 NT1 water walls
RT attached greenhouses
RT curtains
RT double envelope buildings
RT load collector ratio
RT solar air heaters
RT solar architecture

PASSIVE SOLAR WATER HEATERS

INIS: 2000-04-12; *ETDE*: 1981-01-09

*BT1 solar water heaters
 NT1 thermic diode solar panels
RT thermosyphon effect

PASSIVITY

RT corrosion
RT corrosion resistance

PASTEURIZATION

*BT1 food processing
 NT1 radication
RT preservation
RT sterilization

PASTURES

INIS: 1979-12-20; *ETDE*: 1979-05-31

RT cattle
RT forage
RT gramineae
RT rangelands

PAT REACTOR

2000-04-12

Land-based submarine prototype reactor.

Decommissioned.

UF prototype a terre
 *BT1 pwr type reactors
 *BT1 research reactors
 *BT1 test reactors

PATENT LAWS

INIS: 1990-12-15; *ETDE*: 1978-03-08

(Prior to December 1990, this descriptor was spelled PATENT LAW.)

BT1 laws

PATENTS

Use only for items about patents, not for items which are patents.

BT1 document types
RT inventions
RT legal aspects
RT licensing
RT specifications

patgas process

INIS: 2000-04-12; *ETDE*: 1976-10-13

Coal gasification process to produce a fuel gas containing 36% hydrogen and 64% carbon monoxide at 1000 psig and 100 degrees F.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE coal gasification

PATH INTEGRALS

2003-07-24

BT1 integrals
 NT1 feynman path integral

PATHE GEOTHERMAL FIELD

2000-04-12

BT1 geothermal fields
RT geothermal hot-water systems
RT mexico

PATHFINDER REACTOR

Northern States Power Co., Sioux Falls, South Dakota, USA. Decommissioned in 1967.

UF sioux falls pathfinder reactor
 *BT1 bwr type reactors

PATHOGENESIS

NT1 carcinogenesis
 NT2 leukemogenesis
RT aids
RT diseases
RT pathogens
RT pathological changes

PATHOGENS

INIS: 1981-05-11; *ETDE*: 1979-05-25

Disease-producing agents, usually refers to living organisms.

RT anti-infective agents
RT disease vectors
RT diseases
RT fungi
RT microorganisms
RT pathogenesis
RT pathological changes

PATHOLOGICAL CHANGES

NT1 abscesses
 NT1 allergy
 NT1 ascites
 NT1 atrophy
 NT1 biological shock
 NT1 calcinosis
 NT1 caries
 NT1 chlorosis
 NT1 cysts
 NT1 edema
 NT1 emphysema
 NT1 epilation
 NT1 fibrosis
 NT1 fistulae
 NT1 hemolysis
 NT1 hemorrhage
 NT1 hypertrophy
 NT1 inflammation
 NT1 jaundice
 NT1 malformations
 NT2 congenital malformations
 NT3 downs syndrome
 NT1 necrosis
 NT2 gangrene
 NT2 osteoradionecrosis
 NT1 splenomegaly
 NT1 ulcers
RT diseases
RT granulomas
RT leukopenia
RT pathogenesis
RT pathogens
RT pathology
RT symptoms

PATHOLOGY

RT autopsy
RT diseases
RT medicine
RT pathological changes

PATIENTS

RT drug delivery
RT human populations
RT man
RT medicine
RT therapy

PATTERN RECOGNITION

INIS: 1976-05-07; ETDE: 1975-12-16
Identification of shapes and patterns without active human participation.

UF fingerprinting (oil spills)
 UF oil spill fingerprinting
 RT cluster analysis
 RT data processing
 RT diagrams
 RT display devices
 RT fiducial markers
 RT identification systems
 RT image scanners
 RT image tubes
 RT images
 RT particle tracks
 RT visibility

PATTERSON METHOD

BT1 calculation methods
 RT crystallography
 RT diffraction methods

pauli exclusion principle

USE pauli principle

PAULI FORM FACTORS

*BT1 form factors

pauli matrices

USE pauli spin operators

PAULI PRINCIPLE

UF exclusion principle
 UF pauli exclusion principle
 RT occupation number
 RT quantum mechanics

PAULI SPIN OPERATORS

UF pauli matrices
 *BT1 angular momentum operators
 RT spin

PAZHETSK GEOTHERMAL FIELD

2000-04-12

BT1 geothermal fields
 RT geothermal hot-water systems

PAVEMENTS

INIS: 1992-05-18; ETDE: 1978-06-14

RT asphalts
 RT building materials
 RT concretes
 RT roads

pavia triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-04-26

USE triga-2-pavia reactor

pawling research reactor

USE prr reactor

PAYBACK PERIOD

INIS: 1986-04-03; ETDE: 1978-03-03
Time required for the cost savings from a new installation to equal the initial capital investment.

RT cost
 RT economics
 RT financial incentives
 RT investment
 RT life-cycle cost

PBF REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1992; decommissioned.

UF national reactor testing station burst facility
 UF power burst facility usaec
 *BT1 pulsed reactors
 *BT1 tank type reactors

pbfa

INIS: 1982-09-21; ETDE: 1980-03-04
 USE particle beam fusion accelerator

PBI

UF protein-bound iodine
 *BT1 organic iodine compounds
 *BT1 proteins
 RT blood chemistry
 RT blood-plasma clearance
 RT cpb
 RT hyperthyroidism
 RT hypothyroidism
 RT radiotherapy
 RT thyroid hormones

PBR REACTOR

NASA, Lewis Research Center, Plum Brook Station, Sandusky, Ohio, USA. Shut down in 1973.

UF nasa-test reactor
 UF nasa-tr reactor
 UF plum brook nasa-tr
 UF plum brook reactor facility
 *BT1 enriched uranium reactors
 *BT1 materials testing reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors

PBX DEVICES

INIS: 1988-11-16; ETDE: 1983-10-11
A modification of the PDX device with a rearrangement of the divertor coils.

UF princeton beta experiment
 *BT1 tokamak devices
 RT pdx devices
 RT poloidal field divertors

pca

USE polar-cap absorption

pca-lasl facility

INIS: 2000-04-12; ETDE: 1977-04-12

USE plasma core assembly

pca-ornl reactor

USE ornl-pca reactor

PCAC THEORY

UF partial conservation axial currents
 RT axial-vector currents
 RT current algebra

pcb

INIS: 2000-04-12; ETDE: 1980-11-12
Polychlorinated biphenyl.

USE polychlorinated biphenyls

pcb (polychlorinated biphenyl)

ETDE: 2002-04-26

USE polychlorinated biphenyls

pcm accidents

USE power-cooling-mismatch accidents

PCOTPL

Paris Convention on Third Party Liability.

UF liability conv on third party, paris
 UF paris convention-third party liability
 UF third party liability convention, paris
 *BT1 multilateral agreements
 RT bcstpc
 RT civil liability
 RT liabilities
 RT nuclear liability

pcr

1994-06-27

USE polymerase chain reaction

PCTR REACTOR

Battelle Memorial Institute, Richland, Washington, USA. Shut down in 1972.

UF physical constants test reactor
 UF richland physical constants test reactor
 *BT1 enriched uranium reactors
 *BT1 graphite moderated reactors
 *BT1 research reactors
 *BT1 thermal reactors

PCV SYSTEMS

INIS: 2000-04-12; ETDE: 1979-03-05

UF positive crankcase ventilation systems
 *BT1 pollution control equipment
 RT automobiles
 RT internal combustion engines

PCVC THEORY

UF partial conservation vector current
 RT current algebra
 RT vector currents

PDP COMPUTERS

*BT1 dec computers

PDP REACTOR

Savannah River Plant, Aiken, South Carolina, USA. Shut down in 1979.

UF process development pile
 UF savannah river process development reactor
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 zero power reactors
 RT enriched uranium reactors
 RT natural uranium reactors

pdu

INIS: 2000-04-12; ETDE: 1976-11-17

USE process development units

PDX DEVICES

INIS: 1978-07-03; ETDE: 1977-11-28

UF poloidal divertor experiment
 *BT1 tokamak devices
 RT pbx devices
 RT poloidal field divertors

pe-16

INIS: 1975-08-20; ETDE: 2002-04-26

USE alloy-ni43fe33cr16mo3

pea plant

USE pisum

PEACE RIVER

INIS: 1992-06-04; ETDE: 1975-11-28

*BT1 rivers
 RT alberta
 RT british columbia

PEACE RIVER DEPOSIT

1992-06-04

*BT1 oil sand deposits
 RT alberta
 RT canada
 RT oil sands

PEACH BOTTOM-1 REACTOR

Philadelphia Electric Co., Delta, Pennsylvania, USA. Shut down in 1974.

UF htgr peach bottom reactor
 *BT1 enriched uranium reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

PEACH BOTTOM-2 REACTOR

Exelon Generation Co., LLC, Delta, Pennsylvania, USA.

*BT1 bwr type reactors

PEACH BOTTOM-3 REACTOR

Exelon Generation Co., LLC, Delta, Pennsylvania, USA.

*BT1 bwr type reactors

PEACHES

*BT1 fruits

RT fruit trees

RT rosaceae

PEAK LOAD

INIS: 1982-12-03; ETDE: 1979-09-06

Maximum instantaneous load or maximum average load over a designated interval of time.

UF peak power

RT electric utilities

RT load analysis

RT load management

RT power demand

PEAK-LOAD PRICING

INIS: 1984-04-04; ETDE: 1976-03-22

BT1 prices

RT electric power

RT load management

RT off-peak power

RT power meters

RT public utilities

RT time-of-use pricing

peak power

INIS: 2000-04-12; ETDE: 1979-09-06

USE peak load

PEAKING POWER PLANTS

INIS: 1995-02-27; ETDE: 1979-02-27

BT1 power plants

NT1 compressed air storage power plants

NT1 pumped storage power plants

RT capacitive energy storage equipment

RT compressed air energy storage equipment

RT gas turbine power plants

RT hydroelectric power plants

RT load management

RT magnetic energy storage equipment

RT off-peak energy storage

RT thermal energy storage equipment

RT thermal power plants

PEAKS

NT1 escape peaks

RT pulse rise time

RT transients

PEANUT OIL

*BT1 triglycerides

*BT1 vegetable oils

PEANUTS

UF groundnuts

BT1 seeds

RT leguminosae

RT proteins

pearl pulsations

USE pulsations

pearl spar

INIS: 2000-04-12; ETDE: 1976-03-31

SEE ankerite

SEE dolomite

PEARLITE

An aggregate in steel of ferrite and cementite.

UF perlite (iron-carbon alloy)

RT cast iron

RT cementite

RT ferrite

RT steels

PEARS

*BT1 fruits

RT rosaceae

PEAS

BT1 seeds

*BT1 vegetables

RT pisum

PEAT

*BT1 fossil fuels

*BT1 organic matter

*BT1 solid fuels

RT coal

RT soils

PEATGAS PROCESS

INIS: 2000-04-12; ETDE: 1978-08-07

Dilute-phase, concurrent short-residence time hydrogasification and fluidized-bed nonslagging char gasification.

*BT1 coal gasification

BT1 sng processes

peatlands

INIS: 2000-04-12; ETDE: 1983-01-21

USE wetlands

PEBBLE BED REACTORS

*BT1 gas cooled reactors

*BT1 solid homogeneous reactors

NT1 avr reactor

NT1 thtr-300 reactor

NT1 vg-400 reactor

NT1 vgr-50 reactor

PEBBLE SPRINGS-1 REACTOR

Portland General Electric Co., Arlington, Oregon, USA. Canceled in 1982 before construction began.

*BT1 pwr type reactors

PEBBLE SPRINGS-2 REACTOR

Portland General Electric Co., Arlington, Oregon, USA. Canceled in 1982 before construction began.

*BT1 pwr type reactors

PEC BRASIMONE REACTOR

UF brasimone pec reactor

*BT1 fbr type reactors

*BT1 power reactors

PECAN TREES

INIS: 1992-01-10; ETDE: 1979-05-31

*BT1 magnoliopsida

*BT1 trees

PECTINS

*BT1 blood substitutes

*BT1 polysaccharides

RT galacturonic acid

RT glucuronic acid

peculiar a-stars

USE magnetic stars

PEDIATRICS

BT1 medicine

RT children

RT congenital malformations

peening

USE shot peening

pegase critical experiments

USE peggy reactor

PEGASE REACTOR

Cadarache Nuclear Research Center, France. Permanent shutdown since 1974

UF cadarache fuel element testing reactor

*BT1 enriched uranium reactors

*BT1 tank type reactors

*BT1 test reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

PEGGY REACTOR

Decommissioned since 1976.

UF pegase critical experiments

*BT1 enriched uranium reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

*BT1 zero power reactors

PEGMATITES

Exceptionally coarse grained igneous rocks, with interlocking crystals, usually found as irregular dikes, lenses, or veins, esp. at the margins of batholiths.

*BT1 plutonic rocks

RT feldspars

RT granites

RT mica

RT xenotime

PEIERLS METHOD

UF kapur-peierls method

UF wigner method

RT bremsstrahlung

RT compound nuclei

RT cross sections

RT photoneutrons

PEIERLS-NABARRO FORCE

RT crystal structure

RT dislocations

pelargonic acid

USE nonanoic acid

PELINDABA TREATY

1999-01-26

Treaty for the prohibition of nuclear weapons in Africa.

BT1 treaties

RT arms control

RT nuclear weapons

PELINDUNA REACTOR

decommissioned

*BT1 enriched uranium reactors

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 zero power reactors

PELLET INJECTION

1983-03-15

UF injection (pellets)

RT fuel feeding systems

RT fuel pellets

RT thermonuclear fuels

RT thermonuclear reactor fueling

PELLETIZING

INIS: 1981-02-27; ETDE: 1975-10-01

*BT1 molding

RT agglomeration

RT breeding pellets

RT briquetting

RT compacting

RT fuel pellets

RT moderator pellets

RT waste pellets

PELLETRON ACCELERATORS

INIS: 1979-12-20; ETDE: 1980-01-24

UF pelletrons
 *BT1 electrostatic accelerators
 NT1 5u pelletron accelerator

pelletrons

INIS: 2000-04-12; ETDE: 1979-08-09
 (Prior to December 1980, this was a valid ETDE descriptor.)
 USE pelletron accelerators

PELLETS

INIS: 2000-04-12; ETDE: 1976-10-13

UF wood pellets
 NT1 absorber pellets
 NT1 breeding pellets
 NT1 fuel pellets
 NT1 moderator pellets
 NT1 waste pellets

pellicularia

INIS: 2000-04-12; ETDE: 1979-08-07
Cellulase-producing fungus.
 (Prior to March 1997 this was a valid ETDE descriptor.)
 USE eumycota

PELVIS

1999-04-06
 BT1 body
 RT bladder
 RT female genitals
 RT gonads
 RT rectum

penalties

INIS: 2000-04-12; ETDE: 1979-07-24
 USE charges

pendulums

INIS: 2000-04-12; ETDE: 1976-02-19
 (Prior to March 1997 this was a valid ETDE descriptor.)
 SEE mechanical vibrations
 SEE oscillations
 SEE time measurement

PENELEC PROCESS

2000-04-12
A process for desulfurization of flue gas using V catalyst to oxidize sulfur dioxide to sulfur trioxide.
 *BT1 desulfurization
 RT sulfur

penetrant inspection (liquid)

USE liquid penetrant inspection

PENETRATION DEPTH

1978-11-24
May be used in any field; in particular in the field of superconductivity it is the depth to which an external magnetic field penetrates a superconductor.
 RT ginzburg-landau theory
 RT skin effect
 RT superconductivity

PENETRATORS

INIS: 2000-04-12; ETDE: 1975-10-01
 NT1 earth penetrators
 NT2 subterrene penetrators
 RT weapons

PENETROMETERS

1992-05-12
 BT1 measuring instruments

PENFOLD-LEISS METHOD

RT bremsstrahlung

PENICILLAMINE

UF mercaptoaminoisovaleric acid
 UF mercaptovaline
 *BT1 amino acids
 BT1 chelating agents
 *BT1 radioprotective substances
 *BT1 thiols

PENICILLIN

*BT1 antibiotics

PENICILLIUM

*BT1 eumycota

PENLY-1 REACTOR

INIS: 1984-07-23; ETDE: 1984-09-05
Electricite de France, Saint-Martin-en-Campagne / Penly, Seine-Maritime, France
 *BT1 pwr type reactors

PENLY-2 REACTOR

2010-08-17
Electricite de France, Saint-Martin-en-Campagne / Penly, Seine-Maritime, France
 *BT1 pwr type reactors

PENLY-3 REACTOR

2010-08-17
European Pressurised Reactor - EPR, Electricite de France, Saint-Martin-en-Campagne / Penly, Seine-Maritime, France; construction of Penly-3 will start in 2012.
 *BT1 pwr type reactors

penn state breazeale nuclear reactor

2010-10-14
Pennsylvania State Univ., University Park, Pennsylvania, USA.
 USE psbr reactor

PENNING DISCHARGES

UF pig discharges
 BT1 electric discharges
 RT penning ion sources
 RT sputter-ion pumps

PENNING EFFECT

RT ionization

penning gages

USE philips gages

PENNING ION SOURCES

UF pig ion sources
 *BT1 plasma ion sources
 RT penning discharges

PENNSYLVANIA

*BT1 usa
 NT1 pittsburgh
 RT allegheny river
 RT bettis
 RT delaware river
 RT monongahela river basin
 RT ohio river
 RT potomac river basin
 RT susquehanna river

pennsylvania state triga reactor

INIS: 1993-11-09; ETDE: 2002-04-26
 USE psbr reactor

pennsylvania state university research reactor

1993-11-09
 USE psbr reactor

pennsylvanian period

INIS: 1992-05-22; ETDE: 1977-10-19
 (Prior to April 1990 this was a valid ETDE descriptor.)
 USE carboniferous period

penrose twistor theory

INIS: 2000-04-12; ETDE: 1975-08-19
 USE twistor theory

PENSTOCKS

INIS: 1992-10-01; ETDE: 1976-03-11
 *BT1 pipes
 RT flow regulators
 RT hydraulic turbines
 RT hydraulics
 RT hydroelectric power plants

PENTACENE

INIS: 2000-04-12; ETDE: 1985-09-23
 UF 2,3,4,7-dibenzoanthracene
 *BT1 polycyclic aromatic hydrocarbons

pentacyn

INIS: 2000-04-12; ETDE: 1978-04-06
 (Prior to January 1995, this was a valid ETDE descriptor.)
 USE radioprotective substances

PENTADIENES

2000-05-04
 *BT1 dienes

pentaerythritol tetranitrate

USE petn

PENTAGONAL LATTICES

2002-09-23
 *BT1 three-dimensional lattices

PENTAGONAL SYSTEMS

2015-06-22
 *BT1 two-dimensional systems

pentamethylenediamine

USE cadaverine

pentamethyleneimines

USE piperidines

PENTANE

*BT1 alkanes

pentanedione (2,3)

ETDE: 2002-04-26
 USE 2-3-pentanedione

pentanoic acid

USE valeric acid

PENTANOLS

UF amyl alcohols
 UF pentyl alcohols
 *BT1 alcohols

PENTENES

*BT1 alkenes

pentobarbital

ETDE: 1981-04-20
 (Prior to October 1982, this was a valid ETDE descriptor.)
 USE nembutal

PENTOSE

*BT1 monosaccharides
 NT1 arabinose
 NT1 deoxyribose
 NT1 ribose
 NT1 ribulose
 NT1 xylose
 RT ribosides

PENTOSYL TRANSFERASES

INIS: 2000-04-12; ETDE: 1981-06-13
 Code number 2.4.2.
 *BT1 glycosyl transferases
 NT1 hypoxanthine phosphoribosyltransferase

pentothal

1996-10-23

(Prior to March 1997 THIOPENTAL was used for this concept in ETDE.)

USE barbiturates

USE organic sulfur compounds

pentyl alcohols

USE pentanols

PENTYL RADICALS

UF amyl radicals

*BT1 alkyl radicals

people

INIS: 2000-04-12; ETDE: 1981-06-16

USE human populations

peoples democratic republic of yemen

INIS: 2000-04-12; ETDE: 1980-08-12

(Prior to November 1991 this was a valid ETDE descriptor.)

USE yemen

peoples republic of china

INIS: 2000-04-12; ETDE: 1977-11-09

USE china

peos

INIS: 1986-01-21; ETDE: 2002-04-26

Plasma Erosion Opening Switches.

USE plasma switches

pep

INIS: 2000-04-12; ETDE: 1984-10-10

USE phosphoenolpyruvate

PEP STORAGE RINGS

UF positron-electron-proton storage ring

BT1 storage rings

NT1 epic storage ring

PEPPERSFruit of *Capsicum* plant.

UF paprika

UF red peppers

*BT1 vegetables

RT capsicum

RT spices

pepr devices

USE cathode ray tube digitizers

PEPSIN

Code numbers 3.4.23.1, 3.4.23.2, and 3.4.23.3.

*BT1 acid proteinases

RT digestion

RT stomach

PEPTIDE HORMONES

1995-07-03

BT1 hormones

*BT1 proteins

NT1 calcitonin

NT1 erythropoietin

NT1 gastrin

NT1 glucagon

NT1 insulin

NT1 leptin

NT1 parathormone

NT1 pituitary hormones

NT2 acth

NT2 gonadotropins

NT3 fsh

NT3 hcg

NT3 lth

NT3 luteinizing hormone

NT2 liberins

NT3 lh-rh

NT2 oxytocin

NT2 sth

NT2 tsh

NT2 vasopressin

NT1 secretin

NT1 thyroid hormones

NT2 diiodothyronine

NT2 thyrocalcitonin

NT2 thyroxine

NT2 triiodothyronine

NT1 thyronine

NT1 trh

RT growth factors

RT lactogens

PEPTIDE HYDROLASES

Code number 3.4.

*BT1 hydrolases

NT1 acid proteinases

NT2 pepsin

NT1 aminopeptidases

NT1 carboxypeptidases

NT1 nonspecific peptidases

NT2 renin

NT2 urokinase

NT1 serine proteinases

NT2 chymotrypsin

NT2 fibrinolysin

NT2 kallikrein

NT2 thrombin

NT2 trypsin

NT1 sh-proteinases

NT2 cathepsins

NT2 papain

NT2 streptococcal proteinase

RT proteolysis

PEPTIDES

*BT1 proteins

NT1 cyclosporine

NT1 glycylglycine

NT1 polypeptides

NT2 calcitonin

NT2 endorphins

NT3 enkephalins

NT2 endothelins

NT2 gastrin

NT2 glucagon

NT2 glutathione

NT2 kinins

NT3 bradykinin

NT2 leptin

RT pyrogens

PEPTONE

*BT1 proteins

per (paraelectric resonance)

USE paraelectric resonance

PER CAPITA VALUES

INIS: 2000-04-12; ETDE: 1981-12-21

RT economic analysis

RT energy consumption

peratization procedure

1996-07-18

(Prior to March 1997 FEINBERG-PAIS THEORY was used for this concept in ETDE.)

SEE leptons

SEE weak interactions

PERBROMATES

ETDE: 1975-09-11

Specific compounds should be indexed by coordination of a descriptor of the form (CAIION) COMPOUNDS and the above anion descriptor.

*BT1 bromine compounds

BT1 oxygen compounds

PERCHLORATES

1997-06-19

*BT1 chlorine compounds

BT1 oxygen compounds

NT1 aluminium perchlorates

NT1 americium perchlorates

NT1 ammonium perchlorates

NT1 barium perchlorates

NT1 cadmium perchlorates

NT1 calcium perchlorates

NT1 cerium perchlorates

NT1 cesium perchlorates

NT1 chromium perchlorates

NT1 cobalt perchlorates

NT1 copper perchlorates

NT1 dysprosium perchlorates

NT1 erbium perchlorates

NT1 europium perchlorates

NT1 gadolinium perchlorates

NT1 hafnium perchlorates

NT1 holmium perchlorates

NT1 indium perchlorates

NT1 iron perchlorates

NT1 lanthanum perchlorates

NT1 lead perchlorates

NT1 lithium perchlorates

NT1 lutetium perchlorates

NT1 magnesium perchlorates

NT1 manganese perchlorates

NT1 mercury perchlorates

NT1 neodymium perchlorates

NT1 neptunium perchlorates

NT1 plutonium perchlorates

NT1 potassium perchlorates

NT1 praseodymium perchlorates

NT1 rubidium perchlorates

NT1 samarium perchlorates

NT1 scandium perchlorates

NT1 silver perchlorates

NT1 sodium perchlorates

NT1 strontium perchlorates

NT1 terbium perchlorates

NT1 thallium perchlorates

NT1 thorium perchlorates

NT1 thulium perchlorates

NT1 uranium perchlorates

NT1 uranyl perchlorates

NT1 ytterbium perchlorates

NT1 yttrium perchlorates

NT1 zinc perchlorates

NT1 zirconium perchlorates

RT perchloric acid

PERCHLORIC ACID

*BT1 chlorine compounds

*BT1 inorganic acids

BT1 oxygen compounds

RT perchlorates

PERCUS-YEVICK EQUATION

BT1 equations

RT many-body problem

PERCUSSIVE DRILLS

INIS: 2000-04-12; ETDE: 1979-09-27

*BT1 drills

RT drill bits

PEREY-BUCK MODEL

UF perey-wilkins model

*BT1 nuclear models

RT nonlocal potential

RT optical models

perey-wilkins model

USE perey-buck model

perfect flow

INIS: 1992-03-21; ETDE: 1992-05-22

SEE incompressible flow

SEE steady flow

perforated pipe distributors

INIS: 2000-04-12; ETDE: 1979-09-06

USE spargers

PERFORATION

INIS: 1999-01-22; ETDE: 1981-05-18

RT natural gas wells

RT well completion

RT wells

PERFORMANCE

1997-06-17

UF figure of merit

RT coefficient of performance

RT cost effectiveness analysis

RT efficiency

RT errors

RT f-chart

RT feasibility studies

RT heat rate

RT performance testing

RT productivity

RT reliability

RT resolution

RT spectral response

RT uses

PERFORMANCE TESTING

BT1 testing

RT bioassay

RT certification

RT federal test procedure

RT inspection

RT performance

RT post-irradiation examination

RT quality control

PERFUSED ORGANS

*BT1 organs

RT perfused tissues

PERFUSED TISSUES

INIS: 1975-10-29; ETDE: 1975-12-16

*BT1 animal tissues

RT perfused organs

perhydroxyl radical

2000-04-12

HO{sub 2}.

USE hydroperoxy radicals

PERICARDIUM

INIS: 1980-09-12; ETDE: 1979-07-18

*BT1 heart

*BT1 serous membranes

PERIDOTITES

1983-09-01

*BT1 plutonic rocks

NT1 kimberlites

RT hornblende

RT olivine

RT silicate minerals

PERINATAL IRRADIATION

A combination of prenatal and postnatal irradiation.

BT1 irradiation

RT prenatal irradiation

period (reactor)

USE reactor period

PERIODATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

*BT1 iodine compounds

BT1 oxygen compounds

RT periodic acid

PERIODIC ACID

*BT1 inorganic acids

*BT1 iodine compounds

BT1 oxygen compounds

RT periodates

periodic functions

2002-09-12

USE functions

USE periodicity

periodic potentials

2002-09-12

USE periodicity

USE potentials

PERIODIC SYSTEM

UF mendeleev periodic system

RT atomic number

RT elements

PERIODICITY

UF periodic functions

UF periodic potentials

BT1 variations

RT functional analysis

RT group theory

RT measure theory

RT modulation

RT oscillations

RT pulsations

RT set theory

RT topology

periosteum

USE bone tissues

PERIPHERAL COLLISIONS

*BT1 strong interactions

RT impact parameter

PERIPHERAL MODELS

UF exchange models

*BT1 particle models

NT1 baryon-exchange models

NT1 boson-exchange models

NT2 obe model

NT3 ope model

NT4 electric born model

NT2 sigma model

NT1 multiperipheral model

NT2 cluster emission model

NT3 space-time model

periphyton

INIS: 1993-07-12; ETDE: 1977-04-12

USE aufwuchs

PERISCOPES

BT1 optical systems

RT hot cells

RT hot labs

RT remote handling

PERITONEUM

*BT1 serous membranes

RT abdomen

RT ascites

RT gastrointestinal tract

RT intraperitoneal injection

RT liver

RT mesentery

RT peritonitis

RT spleen

PERITONITIS

*BT1 digestive system diseases

RT peritoneum

RT symptoms

PERKINS-1 REACTOR

Duke Power Co., Mocksville, North Carolina, USA. Canceled in 1982 before construction began.

*BT1 pwr type reactors

PERKINS-2 REACTOR

Duke Power Co., Mocksville, North Carolina, USA. Canceled in 1982 before construction began.

*BT1 pwr type reactors

PERKINS-3 REACTOR

Duke Power Co., Mocksville, North Carolina, USA. Canceled in 1982 before construction began.

*BT1 pwr type reactors

PERLITE

INIS: 1999-03-05; ETDE: 1976-05-13

Volcanic glass that has a concentric shelly structure, appears as if composed of concretions, is usually grayish and sometime spherulitic, and when expanded by heat forms a lightweight aggregate used especially in concrete and plaster.

*BT1 volcanic rocks

RT glass

RT rhyolites

RT trachytes

perlite (iron-carbon alloy)

INIS: 1978-11-24; ETDE: 2001-01-23

USE pearlite

PERMAFROST

INIS: 1992-07-21; ETDE: 1976-01-23

Permanently frozen ground, occurring wherever the temperature remains below freezing for several years.

RT alaska oil pipeline

RT alaskan north slope

RT arctic regions

RT soils

PERMALLOY

1996-11-13

UF alloy-ni80fe16mo4

UF permalloy c

*BT1 iron alloys

*BT1 nickel alloys

permalloy c

INIS: 1996-11-13; ETDE: 2002-04-26

USE nickel base alloys

USE permalloy

PERMANENT MAGNETS

*BT1 magnets

RT magnetic properties

PERMANGANATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

UF potassium permanganates

*BT1 manganese compounds

BT1 oxygen compounds

RT manganese oxides

PERMEABILITY

UF collector properties

UF collector properties (rocks)

UF tight sands

BT1 physical properties

RT dialysis

RT membranes

RT osmosis

RT plugging

RT porosity

permeability (magnetic)

USE magnetic susceptibility

permeability coefficient (fluid mechanics)

INIS: 1993-11-09; ETDE: 1983-07-20

USE hydraulic conductivity

permeability damage

INIS: 2000-04-12; ETDE: 1983-01-21

USE formation damage

permeability reduction

INIS: 2000-04-12; ETDE: 1983-01-21

USE formation damage

PERMENDUR

1993-10-03

*BT1 alloy-co50fe50

PERMIAN BASIN

INIS: 2000-04-12; ETDE: 1984-02-10

That portion of western Texas, eastern New Mexico, western Oklahoma, southwestern Kansas, and southeastern Colorado that is underlain by bedded salt deposits of Permian age.

NT1 dalhart basin

NT1 palo duro basin

RT colorado

RT kansas

RT new mexico

RT oklahoma

RT radioactive waste disposal

RT texas

PERMIAN PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19

UF rotliegende epoch

SF appalachian orogeny

*BT1 paleozoic era

permit applications

INIS: 1996-02-12; ETDE: 1980-07-09

(Prior to February 1996 this was a valid ETDE descriptor.)

USE license applications

permits

INIS: 1984-04-04; ETDE: 1979-12-10

(Prior to February 1996 this was a valid ETDE descriptor.)

USE licenses

PERMITTIVITY

UF dielectric constant

*BT1 dielectric properties

permutit (inorganic)

USE inorganic ion exchangers

permutit (organic)

USE organic ion exchangers

pernicious anemia

USE anemias

PEROVSKITE

CaTiO/sub 3/.

*BT1 oxide minerals

*BT1 perovskites

RT calcium oxides

RT kimberlites

RT synroc process

RT titanium oxides

perovskite crystal structure

INIS: 1984-04-25; ETDE: 1984-05-23

USE cubic lattices

PEROVSKITES

INIS: 1994-07-14; ETDE: 1976-09-28

Minerals with a close-packed lattice and the general formula ABX/sub 3/ where A and B are metals and X is a nonmetal, usually O.

BT1 minerals

NT1 perovskite

RT ferrimagnetic materials

RT oxide minerals

RT sodium tungsten bronze

PEROX PROCESS

2000-04-12

Method for removal of hydrogen sulfide from waste gases.

*BT1 desulfurization

RT waste processing

PEROXIDASES

Code number 1.11.

*BT1 oxidoreductases

NT1 catalase

RT porphyrins

PEROXIDES

1996-11-13

BT1 oxygen compounds

NT1 benzoyl peroxide

NT1 hydrogen peroxide

NT1 plutonium peroxide

NT1 uranium peroxide

RT peroxyacetyl nitrate

PEROXY RADICALS

BT1 radicals

PEROXYACETYL NITRATE

INIS: 2000-04-12; ETDE: 1976-08-24

*BT1 nitrates

*BT1 nitric acid esters

RT peroxides

PERRHENATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 oxygen compounds

*BT1 rhenium compounds

RT rhenium oxides

PERRY-1 REACTOR

FirstEnergy Nuclear Operating Co., North Perry, Ohio, USA.

*BT1 bwr type reactors

PERRY-2 REACTOR

Cleveland Electric Illuminating Co., North Perry, Ohio, USA. Canceled in 1994 after construction began (1974).

*BT1 bwr type reactors

PERRYMAN-1 REACTOR

INIS: 1978-01-16; ETDE: 1977-09-19

Baltimore Gas and Electric Co., Perryman, Maryland, USA. Canceled in 1972 before construction began.

*BT1 enriched uranium reactors

*BT1 power reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

PERRYMAN-2 REACTOR

INIS: 1978-01-16; ETDE: 1977-09-19

Baltimore Gas and Electric Co., Perryman, Maryland, USA. Canceled in 1972 before construction began.

*BT1 enriched uranium reactors

*BT1 power reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

PERSIAN GULF

1992-06-04

*BT1 arabian sea

NT1 strait of hormuz

PERSONAL COMPUTERS

INIS: 1994-06-27; ETDE: 1985-04-09

(Until June 1994 this concept was indexed to MICROCOMPUTERS.)

*BT1 microcomputers

RT data processing

PERSONNEL

1996-05-14

Studies of groups of persons employed in a particular field of endeavor. For studies on individuals in a group see also MAN.

UF clerical personnel

UF employees

UF workers

SF labor

SF professional personnel

SF senior executive service

NT1 architects

NT1 astronauts

NT1 aviation personnel

NT1 builders

NT1 consultants

NT1 contractor personnel

NT1 craftsmen

NT1 dial painters

NT1 engineers

NT1 medical personnel

NT2 radiological personnel

NT1 military personnel

NT1 miners

NT2 coal miners

NT1 motor vehicle operators

NT1 public officials

NT2 state officials

NT1 reactor operators

NT1 scientific personnel

NT1 security personnel

RT alternative work schedules

RT human factors

RT human factors engineering

RT human populations

RT industrial medicine

RT labor relations

RT man

RT man-machine systems

RT management

RT manpower

RT medical surveillance

RT occupational safety

RT occupations

RT personnel dosimetry

RT personnel monitoring

RT safety

RT security violations

RT wages

RT work

RT working days

PERSONNEL DOSIMETRY

UF personnel film dosimetry

BT1 dosimetry

RT bubble dosimeters

RT external irradiation

RT occupations

RT personnel

RT personnel monitoring

RT thermoluminescent dosimetry

personnel film dosimetry

USE personnel dosimetry

PERSONNEL MANAGEMENT

INIS: 1992-08-12; ETDE: 1983-03-23

- UF accountability (personnel)
- SF accountability
- SF nepotism
- SF sick leave
- BT1 management

PERSONNEL MONITORING

To include medical surveillance of early and late radiation effects.

- UF excretion analysis
- *BT1 radiation monitoring
- RT albedo-neutron dosimeters
- RT ambient dose equivalents
- RT effective radiation doses
- RT medical surveillance
- RT personnel
- RT personnel dosimetry
- RT radiation doses
- RT radioactivity
- RT radionuclide kinetics
- RT whole-body counting

PERSPEX

- *BT1 plastics
- *BT1 polyacrylates

PERSULFATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- BT1 oxygen compounds
- BT1 sulfur compounds
- RT persulfuric acid

PERSULFURIC ACID

- BT1 oxygen compounds
- BT1 sulfur compounds
- RT persulfates
- RT sulfuric acid

PERT METHOD

Program Evaluation and Review Technique.

- UF cpm
- UF critical path method
- RT planning
- RT schedules

PERTECHNETATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- BT1 oxygen compounds
- *BT1 technetium compounds
- RT technetium oxides

PERTURBATION THEORY

1996-07-08

(Prior to August 1996 RITCHIE-ELDRIDGE THEORY was a valid ETDE descriptor.)

- UF reductive perturbation method
- SF ritchie-eldridge theory
- NT1 hsk procedure
- RT adjoint flux
- RT born approximation
- RT brinkman-kramers approximation
- RT mathematics
- RT neutron importance function
- RT neutron transport theory
- RT p1-approximation
- RT p2-approximation
- RT p3-approximation
- RT quantum mechanics
- RT quasilinear problems
- RT rayleigh-schroedinger formula
- RT reactor kinetics
- RT scattering

perturbations

- USE disturbances

PERTURBED ANGULAR CORRELATION

- *BT1 angular correlation
- NT1 differential pac
- NT1 integral pac
- RT nuclear electric moments
- RT nuclear magnetic moments

perturbed angular correlation (differential)

INIS: 1993-11-09; ETDE: 2002-04-26

- USE differential pac

perturbed angular correlation (integral)

INIS: 1993-11-09; ETDE: 2002-04-26

- USE integral pac

perturbed stationary states method

- USE pss method

PERU

- BT1 developing countries
- *BT1 south america
- RT amazon river
- RT andes

PERYLENE

- *BT1 polycyclic aromatic hydrocarbons

PEST CONTROL

1999-05-12

- BT1 control
- NT1 genetic control
- NT1 pest eradication
- RT agriculture
- RT chemical attractants
- RT insects
- RT mites
- RT parasites
- RT pesticides
- RT phosphines
- RT quarantine
- RT rodents
- RT sterile insect release
- RT sterile male technique

PEST ERADICATION

INIS: 1975-09-01; ETDE: 1975-10-01

- *BT1 pest control
- RT insects
- RT parasites

PESTICIDES

- NT1 algicides
- NT1 fumigants
- NT1 fungicides
- NT2 cycloheximide
- NT1 herbicides
- NT2 atrazine
- NT1 insecticides
- NT2 aldrin
- NT2 ddt
- NT2 dieldrin
- NT2 kepone
- NT2 lindane
- NT2 malathion
- NT2 parathion
- RT agriculture
- RT disinfectants
- RT disinfestation
- RT ecosystems
- RT grain disinfestation
- RT mutagens
- RT parasites
- RT pest control
- RT phosphines
- RT pollutants

- RT pollution

pet scanning

INIS: 1991-09-16; ETDE: 2001-01-23

- USE positron computed tomography

PETA BQ RANGE

2012-05-31

- BT1 radioactivity range

PETALITE

INIS: 2000-04-12; ETDE: 1983-01-21

A lithium aluminium silicate of unit formula occurring in pegmatites.

- *BT1 silicate minerals
- RT aluminium silicates
- RT lithium silicates

petawatt lasers

INIS: 2003-08-15; ETDE: 2002-10-02

- USE lasers
- USE petawatt power range

PETAWATT POWER RANGE

INIS: 2003-08-15; ETDE: 2002-09-17

From 10 exp 15 to 10 exp 18 W.

- UF petawatt lasers
- BT1 power range
- NT1 power range 01-10 pw
- NT1 power range 10-100 pw
- NT1 power range 100-1000 pw

petersburg nuclear physics institute

2016-07-28

- USE st petersburg institute of nuclear physics

PETHIDINE

- UF demerol
- UF dolantal
- UF meperidine
- *BT1 analgesics
- *BT1 aromatics
- *BT1 monocarboxylic acids
- *BT1 narcotics
- *BT1 piperidines

petit process

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

- USE desulfurization

PETN

- UF pentaerythritol tetranitrate
- *BT1 chemical explosives
- *BT1 nitrates
- *BT1 nitric acid esters

PETRA STORAGE RING

INIS: 1976-07-16; ETDE: 1976-09-15

Positron-Elektron-Tandem-Ringbeschleuniger Anlage.

- BT1 storage rings

petrochemical feedstocks

INIS: 2000-04-12; ETDE: 1979-03-27

- USE chemical feedstocks
- USE petrochemicals

PETROCHEMICAL PLANTS

INIS: 1992-03-17; ETDE: 1977-08-24

- *BT1 chemical plants
- RT petrochemicals
- RT petroleum refineries

PETROCHEMICALS

1999-03-15

- UF petrochemical feedstocks
- SF chemicals
- SF coal chemicals
- BT1 petroleum products
- NT1 plastics

NT2 aramids
NT2 bakelite
NT2 formvar
NT2 lucite
NT2 mylar
NT2 nylon
NT2 perspex
NT2 plexiglas
NT2 polystyrene
NT2 polyurethanes
NT3 halthane
NT2 reinforced plastics
NT2 tedlar
NT2 teflon
NT2 thermoplastics
NT1 resins
RT chemical feedstocks
RT chemical plants
RT petrochemical plants
RT synthetic materials

PETROCHEMISTRY

BT1 chemistry
RT cracking
RT mineralogy
RT natural gas
RT petroleum
RT petroleum products

PETROGENESIS

A branch of petrology that deals with the origin and formation of rocks, esp. igneous rocks.

(From August 1981 till March 1997 PARAGENESIS was a valid ETDE descriptor.)

SF paragenesis
***BT1** petrology
RT diagenesis
RT origin
RT orogenesis
RT rocks
RT tectonics

PETROGRAPHY

INIS: 1993-03-23; ETDE: 1976-12-15

BT1 geology
RT petrology

PETROLEUM

Limited to crude oil; see also COAL LIQUIDS, SHALE OIL, etc.

UF crude oil
UF heavy oils
SF mineral oil
SF petroleum marketing practices act
***BT1** fossil fuels
NT1 petroleum fractions
NT2 petroleum distillates
NT3 gas oils
NT4 diesel fuels
NT4 fuel oils
NT5 heating oils
NT5 residual fuels
NT4 kerosene
NT2 petroleum residues
NT2 refinery gases
NT1 residual petroleum
NT1 shale oil
NT2 shale oil fractions
NT1 sour crudes
RT alaska oil pipeline
RT deregulation
RT distillation
RT energy conservation and production act
RT floating roof tanks
RT fluidized bed hydrogenation process
RT gas injection
RT gas lifts

RT gas recycle hydrogenation process
RT hydraulic equipment
RT hydrocarbons
RT lightering
RT maturation
RT microemulsion flooding
RT miscible-phase displacement
RT oapec
RT oil spills
RT oil wells
RT oil yields
RT oils
RT opec
RT pad districts
RT petrochemistry
RT petroleum deposits
RT petroleum industry
RT petroleum refineries
RT primary recovery
RT road oils
RT shell gasification process
RT sng processes
RT strategic petroleum reserve
RT synthetic petroleum
RT tanker ships
RT waterflooding

petroleum administration for defense districts

INIS: 2000-04-12; ETDE: 1979-09-27
USE pad districts

petroleum coke

INIS: 1991-10-07; ETDE: 1979-05-03
USE coke
USE petroleum products

petroleum cooperatives

INIS: 2000-04-12; ETDE: 1993-07-09
USE cooperatives
USE petroleum industry

PETROLEUM DEPOSITS

1991-08-14
BT1 geologic deposits
***BT1** mineral resources
NT1 gas condensate fields
NT1 oil fields
NT2 weyburn field
NT1 us naval petroleum reserves
RT acidization
RT anticlines
RT associated gas
RT geologic traps
RT geophysical surveys
RT petroleum
RT petroleum geology
RT powder river basin
RT reserves
RT seeps
RT well logging equipment
RT western us overthrust belt
RT williston basin

PETROLEUM DISTILLATES

INIS: 1992-04-01; ETDE: 1976-05-19
Boiling point range 0-600 degrees c.
UF middle distillates
BT1 distillates
***BT1** petroleum fractions
NT1 gas oils
NT2 diesel fuels
NT2 fuel oils
NT3 heating oils
NT3 residual fuels
NT2 kerosene
RT petroleum products
RT road oils

petroleum ether

INIS: 2000-04-12; ETDE: 1975-12-16
USE ligroin

PETROLEUM FRACTIONS

INIS: 1992-04-01; ETDE: 1977-09-19
Hydrocarbon mixtures occurring in petroleum that can be characterized by specific physical properties such as boiling range, density and viscosity.

***BT1** petroleum
NT1 petroleum distillates
NT2 gas oils
NT3 diesel fuels
NT3 fuel oils
NT4 heating oils
NT4 residual fuels
NT3 kerosene
NT1 petroleum residues
NT1 refinery gases
RT petroleum products

PETROLEUM GEOLOGY

INIS: 1992-05-04; ETDE: 1979-03-28
BT1 geology
RT exploration
RT natural gas deposits
RT petroleum deposits

PETROLEUM INDUSTRY

1995-04-06
UF petroleum cooperatives
BT1 industry
NT1 lpg industry
RT horizontal divestiture
RT horizontal integration
RT mineral industry
RT petroleum
RT petroleum products
RT petroleum refineries
RT resource exploitation
RT vertical divestiture
RT vertical integration
RT windfall profits tax

petroleum marketing practices act

INIS: 2000-04-12; ETDE: 1979-12-10
(Prior to February 1995, this was a valid ETDE descriptor.)
SEE laws
SEE marketing
SEE petroleum

PETROLEUM PRODUCTS

UF finished oils
UF petroleum coke
NT1 gas oils
NT2 diesel fuels
NT2 fuel oils
NT3 heating oils
NT3 residual fuels
NT2 kerosene
NT1 gasoline
NT2 unleaded gasoline
NT1 ligroin
NT1 liquefied petroleum gases
NT1 lubricating oils
NT1 petrochemicals
NT2 plastics
NT3 aramids
NT3 bakelite
NT3 formvar
NT3 lucite
NT3 mylar
NT3 nylon
NT3 perspex
NT3 plexiglas
NT3 polystyrene
NT3 polyurethanes
NT4 halthane

- NT3 reinforced plastics
- NT3 tedlar
- NT3 teflon
- NT3 thermoplastics
- NT2 resins
- NT1 refinery gases
- NT1 unfinished oils
- RT naphtha
- RT oils
- RT petrochemistry
- RT petroleum distillates
- RT petroleum fractions
- RT petroleum industry
- RT petroleum refineries
- RT refining
- RT sng processes

PETROLEUM REFINERIES

- UF *bom refining districts*
- BT1 industrial plants
- RT activated sludge process
- RT distillation
- RT distillation equipment
- RT entitlements program
- RT petrochemical plants
- RT petroleum
- RT petroleum industry
- RT petroleum products
- RT refinery gases
- RT waste oil refineries

PETROLEUM RESIDUES

1992-04-01

Boiling point over 593 degrees c; includes oil residues, residua.

- UF liquid asphalt
- UF oil residues
- UF resid
- UF residual oils
- *BT1 petroleum fractions
- RT residual fuels
- RT road oils

petroleum stocks

INIS: 2000-04-12; ETDE: 1975-12-16

- USE inventories

PETROLEUM SULFONATES

INIS: 2000-04-12; ETDE: 1976-08-04

Mixtures of many surfactant compounds of the alkylaryl sulfonate type.

- *BT1 sulfonates
- *BT1 sulfonic acid esters

PETROLOGY

2000-01-21

That branch of geology dealing with the origin, occurrence, structure, and history of rocks, esp. igneous and metamorphic rocks.

- BT1 geology
- NT1 lithology
- NT1 petrogenesis
- RT coalification
- RT lithotypes
- RT macerals
- RT petrography
- RT rocks

PETROSIX PROCESS

2000-04-12

Process developed by Petrobras, Brazilian National Oil Company that is capable of handling oil shale fines; similar to gas combustion process except that an outside furnace is used for heating of recycle gas.

- RT oil shales

petrov-galerkin method

- USE galerkin-petrov method

pett

INIS: 2000-04-12; ETDE: 1980-06-06
 Positron Emission Transaxial Tomography.
 USE positron computed tomography

petten high flux reactor

- USE hfr reactor

petten low flux reactor

- USE lfr reactor

petten stek reactor

- USE stek reactor

PETULA TOKAMAK

INIS: 1975-11-11; ETDE: 1975-12-16
 *BT1 tokamak devices

PEV RANGE

INIS: 1977-01-26; ETDE: 1976-08-24
 From 10 exp 15 to 10 exp 18 eV.
 BT1 energy range

PEWEE-1 REACTOR

LASL, Los Alamos, New Mexico, USA.
 *BT1 hydrogen cooled reactors
 *BT1 space propulsion reactors

PEWEE-2 REACTOR

LASL, Los Alamos, New Mexico, USA.
 *BT1 hydrogen cooled reactors
 *BT1 space propulsion reactors

PEWEE-3 REACTOR

LASL, Los Alamos, New Mexico, USA.
 *BT1 hydrogen cooled reactors
 *BT1 space propulsion reactors

PEWEE-4 REACTOR

LASL, Los Alamos, New Mexico, USA.
 *BT1 hydrogen cooled reactors
 *BT1 space propulsion reactors

PF-1000 DEVICE

INIS: 1999-07-26; ETDE: 1999-09-03
 Plasma Focus Device, Andrzej Soltan Institute
 for Nuclear Studies, Poland.
 *BT1 plasma focus devices

PF-3 DEVICE

2016-07-28
 Plasma Focus Device, NRC Kurchatov
 Institute, Moscow, Russian Federation.
 *BT1 plasma focus devices

PFIRSCH-SCHLUETER REGIME

INIS: 1981-10-15; ETDE: 1979-01-30
 The transport regime in a tokamak plasma characterized by the mean free path shorter than the connection length. In this regime, the diffusion coefficient is $q/\sup 2/$ times the classical value, where $q \geq 1$ is the safety factor.

- RT collisional plasma
- RT neoclassical transport theory
- RT stellarators
- RT tokamak devices

PFR REACTOR

Permanent shutdown since 1994.
 UF downreay prototype fast reactor
 UF prototype fast reactor downreay
 *BT1 lmfr type reactors
 *BT1 power reactors
 *BT1 sodium cooled reactors
 RT enriched uranium reactors
 RT plutonium reactors

PH VALUE

- UF acidity
- UF neutralization (chemical)
- RT acid neutralizing capacity
- RT acid soils

- RT bases
- RT buffers
- RT inorganic acids
- RT liming
- RT nucleic acid denaturation
- RT organic acids
- RT protein denaturation

ph'chromosome

- USE philadelphia chromosome

PHAEDRUS MIRROR DEVICES

INIS: 1989-02-24; ETDE: 1989-03-20
 *BT1 tandem mirrors

PHAEDRUS-T TOKAMAK

INIS: 1995-06-30; ETDE: 1995-07-03
 Univ. of Wisconsin, Madison, Wisconsin, USA.
 *BT1 tokamak devices

phages

- USE bacteriophages

PHAGOCYTES

- *BT1 somatic cells
- NT1 macrophages
- RT leukocytes
- RT phagocytosis

PHAGOCYTOSIS

- RT amoeba
- RT cell constituents
- RT excretion
- RT immune reactions
- RT intracellular digestion
- RT macrophages
- RT phagocytes
- RT reticuloendothelial system

PHANEROCHAETE

INIS: 1991-12-16; ETDE: 1979-03-29
 Ligninolytic fungus.
 *BT1 eumycota

PHANTOMS

- *BT1 mockup
- RT biological models
- RT depth dose distributions
- RT functional models
- RT isodose curves
- RT radiotherapy
- RT tissue-equivalent materials

pharmaceuticals

- USE drugs

PHARMACOLOGY

- RT antiandrogens
- RT drugs

pharmacotherapy

- USE chemotherapy

PHARYNX

- UF nasopharynx
- UF throat
- UF tonsils
- BT1 digestive system
- *BT1 organs
- BT1 respiratory system
- RT neck
- RT oral cavity

PHASE CHANGE MATERIALS

INIS: 1992-02-18; ETDE: 1978-07-05
 Materials that undergo a phase change, e.g. from solid to liquid, at a temperature desired for heat storage.
 BT1 materials
 RT eutectics
 RT fusion heat
 RT latent heat storage
 RT phase transformations

RT transition heat

PHASE DIAGRAMS

UF *state diagrams*
 *BT1 diagrams
 RT allotropy
 RT alloy systems
 RT critical temperature
 RT eutectics
 RT eutectoids
 RT gases
 RT glass
 RT liquids
 RT melting points
 RT microstructure
 RT monotectics
 RT monotectoids
 RT phase rule
 RT phase studies
 RT phase transformations
 RT solid solutions
 RT solids
 RT thermal analysis
 RT triple point

phase factor

INIS: 2000-06-27; ETDE: 1977-09-19
 USE power factor

PHASE OSCILLATIONS

*BT1 beam dynamics
 BT1 oscillations

PHASE RULE

RT phase diagrams

PHASE SHIFT

RT aharonov-bohm effect
 RT argand diagrams
 RT partial waves
 RT scattering

PHASE SPACE

*BT1 mathematical space
 RT attractors
 RT dalitz plot
 RT ergodic hypothesis
 RT limit cycle
 RT liouville theorem
 RT mathematics
 RT prism plot

PHASE STABILITY

BT1 stability
 RT beam dynamics

PHASE STUDIES

RT phase diagrams
 RT phase transformations
 RT thermochemical diagrams
 RT thermodynamic activity

PHASE TRANSFORMATIONS

UF *transformations (phase)*
 UF *transitions (phase)*
 NT1 boiling
 NT2 film boiling
 NT2 nucleate boiling
 NT3 departure nucleate boiling
 NT2 pool boiling
 NT2 subcooled boiling
 NT2 transition boiling
 NT1 crystal-phase transformations
 NT1 crystallization
 NT1 evaporation
 NT2 flashing
 NT2 sublimation
 NT2 vacuum evaporation
 NT1 freezing
 NT1 melting
 NT2 electron beam melting
 NT2 vacuum melting

NT2 zone melting

NT1 order-disorder transformations
 NT1 solidification
 NT1 thawing
 RT allotropy
 RT bifurcation
 RT critical temperature
 RT dew point
 RT eutectics
 RT eutectoids
 RT glass
 RT guinier-preston zones
 RT habit planes
 RT kosterlitz-thouless theory
 RT microstructure
 RT phase change materials
 RT phase diagrams
 RT phase studies
 RT shape memory effect
 RT supercritical state
 RT thermal analysis
 RT transition heat
 RT transition temperature
 RT triple point
 RT widmanstaetten structure

PHASE VELOCITY

BT1 velocity
 RT wave propagation

PHASEOLUS

UF *bean plant*
 *BT1 leguminosae
 RT beans
 RT mungbeans
 RT phytohemagglutinin

phasotrons

USE synchrocyclotrons

PHEBUS FACILITY

INIS: 1992-08-18; ETDE: 1987-04-08
Neodymium glass laser facility at Limeil, France, for laser fusion experiments.
 RT neodymium lasers

PHEBUS REACTOR

INIS: 1990-05-17; ETDE: 1990-06-01
Nuclear Protection and Safety Institute, CEA St. Paul lez Durance, France. Under decommissioning.
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

phenacetin

(Prior to April 1981, this concept in ETDE was indexed to ANALGESICS and ANTIPYRETICS.)
 USE analgesics
 USE antipyretics

PHENANTHRENE

*BT1 polycyclic aromatic hydrocarbons

PHENANTHROLINE-ORTHO

*BT1 phenanthrolines
 BT1 reagents
 RT ferroin

PHENANTHROLINES

*BT1 azaarenes
 NT1 ferroin
 NT1 phenanthroline-ortho

PHENAZINE

*BT1 pyrazines

PHENETHYL RADICALS

*BT1 aryl radicals

PHENIX DETECTOR

2015-10-27
 UF *phenix experiment*
 *BT1 radiation detectors
 RT bnl
 RT brookhaven rhic

phenix experiment

2015-10-27
 USE phenix detector

PHENIX REACTOR

Marcoule, Gard, France. Permanent shutdown since 2010.
 UF *marcoule phenix reactor*
 *BT1 enriched uranium reactors
 *BT1 lmfr type reactors
 *BT1 plutonium reactors
 *BT1 power reactors
 *BT1 sodium cooled reactors

PHENOBARBITAL

UF *luminal*
 *BT1 anticonvulsants
 *BT1 barbiturates

PHENOL

UF *hydroxybenzene*
 *BT1 phenols

PHENOLATES

INIS: 1979-12-20; ETDE: 1976-11-17
 RT phenols

PHENOLOGY

INIS: 2000-04-12; ETDE: 1980-03-29
A branch of science dealing with the relations between climate and periodic biological phenomena.
 RT climates

PHENOLPHTHALEIN

*BT1 carboxylic acid esters
 BT1 indicators
 *BT1 phenols
 RT phthalic acid

PHENOLS

1996-07-16
 (Prior to June 1996 BAMBP was a valid ETDE descriptor.)
 UF *amidol*
 UF *bamp*
 UF *butyl-alpha-methylbenzylphenol*
 *BT1 aromatics
 *BT1 hydroxy compounds
 NT1 cresols
 NT1 dinitrophenol
 NT1 eriochrome dyes
 NT1 hydroxypropiophenone
 NT1 naphthols
 NT2 1-nitroso-2-naphthol
 NT2 nitroso-r salt
 NT2 pyridylazonaphthol
 NT2 thorin
 NT2 trypan blue
 NT1 nitrophenol
 NT1 phenol
 NT1 phenolphthalein
 NT1 picric acid
 NT1 polyphenols
 NT2 arsenazo
 NT2 bromosulphophthalein
 NT2 catecholamines
 NT2 curcumin
 NT2 dopamine
 NT2 fluorescein
 NT3 erythrosine
 NT2 hematoxylin
 NT2 morin
 NT2 pyridylazoresorcinol

NT2 pyrocatechol
 NT2 pyrogallol
 NT2 quercetin
 NT2 resorcinol
 NT2 stilbestrol
 NT2 tannic acid
 NT2 tiron

NT1 thymol
 NT1 tyramine
 NT1 xylenols
 RT alkoxides
 RT bakelite
 RT dephenolization
 RT phenolates
 RT phenosolvan process

PHENOSOLVAN PROCESS

INIS: 2000-04-12; ETDE: 1983-03-23

Proprietary process for extracting phenols from gas liquids by counter current contact with isopropyl ether solvent.

*BT1 solvent extraction
 RT phenols

PHENOTHIAZINES

*BT1 azines
 *BT1 organic sulfur compounds
 NT1 chlorpromazine
 NT1 methylene blue
 RT thionine
 RT tranquilizers

PHENOTYPE

RT genotype
 RT ontogenesis

PHENOXY RADICALS

BT1 radicals

PHENYL ETHER

2000-04-12
 UF dowtherm
 *BT1 ethers

phenyl methyl ether

USE anisole

PHENYL RADICALS

*BT1 aryl radicals

phenylacetylene

USE tolan

phenylacrylic acid-beta

USE cinnamic acid

PHENYLALANINE

UF aminophenylacetic acid-alpha
 *BT1 amino acids
 *BT1 aromatics
 RT dopa
 RT tyrosine

phenylamine

USE aniline

phenylcarbinol

1982-02-10
 USE benzyl alcohol

PHENYLENE RADICALS

BT1 radicals

phenylethylene

USE styrene

phenylhydroxylamine

USE cupferron

phenylisopropylamine

USE benzedrine

PEROMONE

BT1 chemical attractants

BT1 secretion
 RT insects
 RT sex
 RT yeasts

phi-1019 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE phi-1020 mesons

PHI-1020 MESONS

INIS: 1987-12-21; ETDE: 1988-01-25
 (Prior to December 1987 this concept was indexed by PHI-1019 RESONANCES.)
 UF phi-1019 resonances
 *BT1 phi mesons
 *BT1 vector mesons

PHI-1680 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01
 *BT1 phi mesons
 *BT1 vector mesons

phi j-1850 mesons

INIS: 1985-08-07; ETDE: 1988-02-01
 (Until July 1995 this was a valid term.)
 USE phi3-1850 mesons

PHI MESONS

2007-03-02
 *BT1 mesons
 NT1 phi-1020 mesons
 NT1 phi-1680 mesons
 NT1 phi3-1850 mesons

PHI3-1850 MESONS

1995-08-07
 (Until July 1995 this concept was indexed by PHI J-1850 MESONS.)
 UF phi j-1850 mesons
 *BT1 phi mesons
 *BT1 tensor mesons

PHI4-FIELD THEORY

INIS: 1978-02-23; ETDE: 1978-05-01
 *BT1 quantum field theory
 RT boundary conditions
 RT haag theorem
 RT heisenberg model
 RT ising model
 RT locality
 RT radiative corrections

PHILADELPHIA CHROMOSOME

UF ph'chromosome
 *BT1 human chromosomes
 RT myeloid leukemia

philadelphia electric power reactor-1

1993-11-09
 USE limerick-1 reactor

philadelphia electric power reactor-2

1993-11-09
 USE limerick-2 reactor

philco computers

2000-04-12
 (Prior to February 1996 this was a valid ETDE descriptor.)
 USE computers

PHILIPPINE ATOMIC ENERGY COMMISSION

INIS: 1977-09-06; ETDE: 1977-10-19
 Philippine Atomic Energy Commission, abolished in 1988 and replaced by the Philippine Nuclear Research Institute.
 UF paec
 *BT1 philippine nuclear research institute

PHILIPPINE ATOMIC RESEARCH CENTER

INIS: 1995-02-16; ETDE: 1977-10-19
 *BT1 philippine nuclear research institute

philippine nucl res inst

INIS: 1990-12-17; ETDE: 2002-04-26
 (From June to December 1990, this was a valid descriptor.)
 USE philippine nuclear research institute

philippine nuclear power plant-1

INIS: 1993-11-09; ETDE: 1982-07-08
 USE pnpp-1 reactor

PHILIPPINE NUCLEAR RESEARCH INSTITUTE

INIS: 1990-12-17; ETDE: 1990-10-09
 Philippine Nuclear Research Institute, created in 1988 and replacing the Philippine Atomic Energy Commission.
 UF philippine nucl res inst
 *BT1 philippine organizations
 NT1 philippine atomic energy commission
 NT1 philippine atomic research center

PHILIPPINE ORGANIZATIONS

INIS: 1977-09-06; ETDE: 1977-06-02
 BT1 national organizations
 NT1 philippine nuclear research institute
 NT2 philippine atomic energy commission
 NT2 philippine atomic research center

philippine research reactor-1

USE prr-1 reactor

PHILIPPINES

1997-06-19
 BT1 asia
 BT1 developing countries
 BT1 islands
 RT pacific ocean
 RT palimpon geothermal field
 RT tiwi geothermal field
 RT tongonan geothermal field

PHILIPPSBURG-1 REACTOR

Philippsburg, Federal Republic of Germany. Permanent shutdown since August 2011.
 UF kernkraftwerk philippsburg-1
 UF kkp-1 philippsburg reactor
 *BT1 bwr type reactors

PHILIPPSBURG-2 REACTOR

UF kernkraftwerk philippsburg-2
 UF kkp-2 philippsburg reactor
 *BT1 pwr type reactors

PHILIPS GAGES

UF penning gages
 *BT1 ionization gages
 RT sputter-ion pumps

PHIPPS BEND-1 REACTOR

INIS: 1978-01-16; ETDE: 1975-12-16
 TVA, Surgoinsville, Tennessee, USA. Canceled in 1982 before construction began.
 *BT1 bwr type reactors
 RT ge standard reactor

PHIPPS BEND-2 REACTOR

INIS: 1978-01-16; ETDE: 1975-12-16
 TVA, Surgoinsville, Tennessee, USA. Canceled in 1982 before construction began.
 *BT1 bwr type reactors
 RT ge standard reactor

phloredzin

1996-10-23

(Prior to March 1997 PHLORIZIN was used for this concept in ETDE.)

USE glycosides
USE ketones**phlorhizin**

1996-10-23

(Prior to March 1997 PHLORIZIN was used for this concept in ETDE.)

USE glycosides
USE ketones**phlorizin**

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE glycosides
USE ketones**PHOBOS DETECTOR**

2015-10-27

UF phobos experiment

*BT1 radiation detectors

RT bnl

RT brookhaven rhic

phobos experiment

2015-10-27

USE phobos detector

PHOEBUS-1A REACTOR

LASL, Los Alamos, New Mexico, USA.

UF rocket reactor experiment phoebus-1a

*BT1 hydrogen cooled reactors

*BT1 space propulsion reactors

PHOEBUS-1B REACTOR

LASL, Los Alamos, New Mexico, USA.

UF rocket reactor experiment phoebus-1b

*BT1 hydrogen cooled reactors

*BT1 space propulsion reactors

PHOEBUS-2A REACTOR

LASL, Los Alamos, New Mexico, USA.

UF rocket reactor experiment phoebus-2a

*BT1 hydrogen cooled reactors

*BT1 space propulsion reactors

PHOENIX DEVICES

*BT1 magnetic mirrors

PHONONS

BT1 quasi particles

RT acoustic esr

RT acoustic nmr

RT electron-phonon coupling

RT landau liquid helium theory

RT photoacoustic effect

RT quasiparticle-phonon model

RT solitons

RT umklapp processes

PHORBOL ESTERS

INIS: 1981-12-23; ETDE: 1980-05-06

*BT1 esters

RT carcinogens

PHOSAM PROCESS

INIS: 2000-04-12; ETDE: 1983-03-23

Absorber unit for recovering ammonia from the vapor phase with ammonium phosphate solution.

BT1 separation processes

RT ammonia

PHOSGENE

UF carbon oxychloride

UF carbonyl chloride

*BT1 carbonic acid derivatives

*BT1 organic chlorine compounds

PHOSPHATASES

Code number 3.1.3.

*BT1 esterases

NT1 acid phosphatase

NT1 alkaline phosphatase

NT1 nucleotidases

RT itp

PHOSPHATE GLASS

2000-04-04

Glass with phosphorus pentoxide as a major component.

BT1 glass

RT borophosphate glass

RT rpl dosimeters

PHOSPHATE MINERALS

INIS: 1996-11-13; ETDE: 1982-05-12

UF dumontite

UF florencite

UF lermontovite

UF parsonsite

UF phosphuranylite

UF steenstrupine

UF uranocircite

BT1 minerals

NT1 apatites

NT1 autunite

NT1 monazites

NT1 ningyoite

NT1 saleeite

NT1 torbernite

NT1 xenotime

RT aluminium phosphates

RT barium phosphates

RT cerium phosphates

RT copper phosphates

RT lead phosphates

RT magnesium phosphates

RT phosphate rocks

RT phosphorites

RT uranium phosphates

RT yttrium phosphates

phosphate process

INIS: 2000-04-12; ETDE: 1977-04-12

Buffered aqueous absorption process using sodium phosphate solution to absorb sulfur dioxide from flue gas.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

PHOSPHATE ROCKS

INIS: 1980-05-14; ETDE: 1976-10-13

*BT1 sedimentary rocks

NT1 phosphorites

RT calcium carbonates

RT calcium phosphates

RT phosphate minerals

PHOSPHATES

1997-06-17

For salts only; see also PHOSPHORIC ACID ESTERS.

UF acid phosphates

UF biphosphates

BT1 oxygen compounds

BT1 phosphorus compounds

NT1 aluminium phosphates

NT1 americium phosphates

NT1 ammonium phosphates

NT1 barium phosphates

NT1 berkelium phosphates

NT1 beryllium phosphates

NT1 bismuth phosphates

NT1 boron phosphates

NT1 cadmium phosphates

NT1 calcium phosphates

NT1 cerium phosphates

NT1 cesium phosphates

NT1 chromium phosphates

NT1 cobalt phosphates

NT1 copper phosphates

NT1 dysprosium phosphates

NT1 erbium phosphates

NT1 europium phosphates

NT1 gadolinium phosphates

NT1 gallium phosphates

NT1 germanium phosphates

NT1 hafnium phosphates

NT1 holmium phosphates

NT1 hydrogen phosphates

NT1 indium phosphates

NT1 iron phosphates

NT1 lanthanum phosphates

NT1 lead phosphates

NT1 lithium phosphates

NT1 lutetium phosphates

NT1 magnesium phosphates

NT1 manganese phosphates

NT1 molybdenum phosphates

NT1 neodymium phosphates

NT1 neptunium phosphates

NT1 nickel phosphates

NT1 niobium phosphates

NT1 plutonium phosphates

NT1 potassium phosphates

NT1 praseodymium phosphates

NT1 promethium phosphates

NT1 protactinium phosphates

NT1 rubidium phosphates

NT1 samarium phosphates

NT1 scandium phosphates

NT1 silicon phosphates

NT1 silver phosphates

NT1 sodium phosphates

NT1 strontium phosphates

NT1 superphosphates

NT1 tantalum phosphates

NT1 technetium phosphates

NT1 terbium phosphates

NT1 thallium phosphates

NT1 thorium phosphates

NT1 thulium phosphates

NT1 tin phosphates

NT1 titanium phosphates

NT1 uranium phosphates

NT1 uranyl phosphates

NT1 vanadium phosphates

NT1 ytterbium phosphates

NT1 yttrium phosphates

NT1 zinc phosphates

NT1 zirconium phosphates

RT molybdophosphates

RT phosphorites

phosphatides

USE phospholipids

phosphatidylcholine

INIS: 2000-04-12; ETDE: 1986-03-04

USE lecithins

PHOSPHIDES

1997-06-19

BT1 phosphorus compounds

BT1 pnictides

NT1 aluminium phosphides

NT1 americium phosphides

NT1 berkelium phosphides

NT1 beryllium phosphides

NT1 boron phosphides

NT1 cadmium phosphides

NT1 cerium phosphides

NT1 cobalt phosphides

NT1 copper phosphides

NT1 curium phosphides
NT1 dysprosium phosphides
NT1 erbium phosphides
NT1 europium phosphides
NT1 gadolinium phosphides
NT1 gallium phosphides
NT1 germanium phosphides
NT1 hafnium phosphides
NT1 holmium phosphides
NT1 indium phosphides
NT1 iron phosphides
NT1 lanthanum phosphides
NT1 lithium phosphides
NT1 manganese phosphides
NT1 molybdenum phosphides
NT1 neptunium phosphides
NT1 nickel phosphides
NT1 niobraz 50
NT1 niobium phosphides
NT1 osmium phosphides
NT1 palladium phosphides
NT1 platinum phosphides
NT1 plutonium phosphides
NT1 potassium phosphides
NT1 praseodymium phosphides
NT1 rhodium phosphides
NT1 ruthenium phosphides
NT1 samarium phosphides
NT1 scandium phosphides
NT1 silicon phosphides
NT1 sodium phosphides
NT1 tantalum phosphides
NT1 terbium phosphides
NT1 thorium phosphides
NT1 thulium phosphides
NT1 tin phosphides
NT1 titanium phosphides
NT1 tungsten phosphides
NT1 uranium phosphides
NT1 vanadium phosphides
NT1 ytterbium phosphides
NT1 yttrium phosphides
NT1 zinc phosphides
NT1 zirconium phosphides
RT phosphorus additions

PHOSPHINE OXIDES

INIS: 1992-01-07; ETDE: 1985-09-23

BT1 oxygen compounds
***BT1** phosphines
NT1 cmpo
NT1 tributylphosphine oxide
NT1 trioctylphosphine oxide
NT1 triphenylphosphine oxide
RT organic phosphorus compounds

PHOSPHINES

BT1 phosphorus compounds
NT1 phosphine oxides
NT2 cmpo
NT2 tributylphosphine oxide
NT2 trioctylphosphine oxide
NT2 triphenylphosphine oxide
NT1 triphenylphosphine
RT organic phosphorus compounds
RT pest control
RT pesticides
RT phosphorus hydrides

PHOSPHINIC ACID ESTERS

***BT1** esters
***BT1** organic phosphorus compounds
RT phosphinic acids

PHOSPHINIC ACIDS

1992-01-10

(Before 1992, this information was indexed to ORGANOPHOSPHINIC ACIDS.)

UF organophosphinic acids
***BT1** organic acids

***BT1** organic phosphorus compounds
RT phosphinic acid esters

phosphites

Specific phosphites should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and PHOSPHOROUS ACID.

USE phosphorous acid

PHOSPHOCREATINE

***BT1** amino acids
***BT1** organic phosphorus compounds
RT creatine

PHOSPHODIESTERASES

INIS: 1986-12-03; ETDE: 1981-01-12

Code number 3.1.4.

***BT1** esterases
NT1 nucleases
NT2 dna-ase
NT3 endonucleases
NT2 ma-ase

PHOSPHOENOLPYRUVATE

INIS: 2000-04-12; ETDE: 1984-10-10

An intermediate compound in both the C4 photosynthetic pathway and carbohydrate metabolism.

UF pep
RT biosynthesis
RT carbohydrates
RT carbon dioxide
RT chemical reactions
RT metabolism
RT photosynthesis
RT uptake

PHOSPHOHYDROLASES

INIS: 1985-09-09; ETDE: 1981-01-30

Code number 3.6.1.

***BT1** acid anhydrases
NT1 atp-ase

PHOSPHOLIPIDS

1996-10-22

UF cephalins
UF phosphatides
***BT1** esters
***BT1** lipids
***BT1** organic phosphorus compounds
NT1 cardiolipin
NT1 lecithins
NT1 sphingomyelins

phosphomolybdic acid

1980-05-14

USE molybdophosphoric acid

PHOSPHONATES

1976-02-05

For salts only; see also PHOSPHONIC ACID ESTERS.

***BT1** organic phosphorus compounds

PHOSPHONIC ACID ESTERS

SF dehpa
***BT1** esters
***BT1** organic phosphorus compounds
NT1 damp
NT1 dhdecmp

PHOSPHONIC ACIDS

1994-03-15

***BT1** organic acids
***BT1** organic phosphorus compounds

PHOSPHOPROTEINS

INIS: 2000-04-12; ETDE: 1987-04-24

Proteins which have phosphoric acid as a prosthetic group.

***BT1** proteins

RT cyclases
RT phosphotransferases
RT post-translation modification

PHOSPHORESCENCE

***BT1** luminescence
RT afterglow
RT phosphors

PHOSPHORIC ACID

Prior to August 2012 the concept "hydrogen phosphates" was indexed here.

***BT1** inorganic acids
BT1 oxygen compounds
BT1 phosphorus compounds
RT hydrogen phosphates
RT molybdophosphoric acid
RT tungstophosphoric acid

PHOSPHORIC ACID ESTERS

UF t2ehp
UF tri-2-ethylhexyl phosphate
***BT1** esters
***BT1** organic phosphorus compounds
NT1 butyl phosphates
NT2 dbp
NT2 mbp
NT2 tbp
NT1 hdehp
NT1 mdpa
NT1 phytic acid
NT1 tcp

PHOSPHORITES

Sedimentary rocks composed chiefly of phosphate.

***BT1** phosphate rocks
RT phosphate minerals
RT phosphates

PHOSPHOROUS ACID

UF phosphites
***BT1** inorganic acids
BT1 oxygen compounds
BT1 phosphorus compounds

PHOSPHORS

UF fluors
UF scintillators
NT1 glass scintillators
NT1 inorganic phosphors
NT2 cadmium sulfides
NT2 cadmium tungstates
NT2 calcium tungstates
NT2 cesium iodides
NT2 lithium iodides
NT2 potassium iodides
NT2 sodium iodides
NT2 zinc sulfides
NT1 liquid scintillators
NT1 organic crystal phosphors
NT1 plastic scintillators
RT luminescent chambers
RT luminescent concentrators
RT luminescent dosimeters
RT phosphorescence
RT scintillation counters

PHOSPHORUS

***BT1** nonmetals

PHOSPHORUS 21

***BT1** light nuclei
***BT1** odd-even nuclei
***BT1** phosphorus isotopes

PHOSPHORUS 24

INIS: 1978-02-23; ETDE: 1978-05-01

***BT1** light nuclei
***BT1** odd-odd nuclei
***BT1** phosphorus isotopes

PHOSPHORUS 25

2002-02-27

- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 phosphorus isotopes

PHOSPHORUS 26

INIS: 1983-09-01; ETDE: 1983-04-28

- *BT1 beta-plus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 phosphorus isotopes

PHOSPHORUS 27

1986-04-02

- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 phosphorus isotopes

PHOSPHORUS 28

- *BT1 beta-plus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 phosphorus isotopes

PHOSPHORUS 29

- *BT1 beta-plus decay radioisotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 phosphorus isotopes
- *BT1 seconds living radioisotopes

PHOSPHORUS 30

- *BT1 beta-plus decay radioisotopes
- *BT1 light nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 phosphorus isotopes

PHOSPHORUS 30 TARGETINIS: 1992-09-23; ETDE: 1984-11-29
BT1 targets**PHOSPHORUS 31**

- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 phosphorus isotopes
- *BT1 stable isotopes

PHOSPHORUS 31 BEAMS

1983-09-01

- *BT1 ion beams

PHOSPHORUS 31 REACTIONSINIS: 1978-04-21; ETDE: 1978-07-06
*BT1 heavy ion reactions**PHOSPHORUS 31 TARGET**ETDE: 1976-07-09
BT1 targets**PHOSPHORUS 32**

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 light nuclei
- *BT1 odd-odd nuclei
- *BT1 phosphorus isotopes

PHOSPHORUS 32 TARGETETDE: 1976-07-09
BT1 targets**PHOSPHORUS 33**

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 phosphorus isotopes

PHOSPHORUS 34

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 odd-odd nuclei
- *BT1 phosphorus isotopes
- *BT1 seconds living radioisotopes

PHOSPHORUS 35

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 phosphorus isotopes
- *BT1 seconds living radioisotopes

PHOSPHORUS 36

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 odd-odd nuclei
- *BT1 phosphorus isotopes
- *BT1 seconds living radioisotopes

PHOSPHORUS 37

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 phosphorus isotopes
- *BT1 seconds living radioisotopes

PHOSPHORUS 38

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 phosphorus isotopes

PHOSPHORUS 39INIS: 1977-10-17; ETDE: 1977-08-09
*BT1 light nuclei
*BT1 odd-even nuclei
*BT1 phosphorus isotopes**PHOSPHORUS 40**INIS: 1979-09-18; ETDE: 1979-10-23
*BT1 beta-minus decay radioisotopes
*BT1 light nuclei
*BT1 odd-odd nuclei
*BT1 phosphorus isotopes**PHOSPHORUS 41**INIS: 1980-07-24; ETDE: 1980-02-11
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 phosphorus isotopes**PHOSPHORUS 42**INIS: 1980-07-24; ETDE: 1980-02-11
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 phosphorus isotopes**PHOSPHORUS 43**INIS: 1989-09-14; ETDE: 1989-10-16
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 phosphorus isotopes**PHOSPHORUS 44**INIS: 1989-09-14; ETDE: 1989-10-16
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 phosphorus isotopes**PHOSPHORUS 45**INIS: 1990-04-19; ETDE: 1990-05-16
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 phosphorus isotopes**PHOSPHORUS 46**INIS: 1990-04-19; ETDE: 1990-11-20
*BT1 intermediate mass nuclei

- *BT1 odd-odd nuclei
- *BT1 phosphorus isotopes

PHOSPHORUS ADDITIONS

- BT1 alloys
- RT phosphides

PHOSPHORUS BROMIDES

- *BT1 bromides
- *BT1 phosphorus halides

PHOSPHORUS CHLORIDES

- *BT1 chlorides
- *BT1 phosphorus halides

PHOSPHORUS COMPLEXES

- BT1 complexes

PHOSPHORUS COMPOUNDS

- NT1 hypophosphorous acid
- NT1 molybdophosphates
- NT1 molybdophosphoric acid
- NT1 phosphates
- NT2 aluminium phosphates
- NT2 americium phosphates
- NT2 ammonium phosphates
- NT2 barium phosphates
- NT2 berkelium phosphates
- NT2 beryllium phosphates
- NT2 bismuth phosphates
- NT2 boron phosphates
- NT2 cadmium phosphates
- NT2 calcium phosphates
- NT2 cerium phosphates
- NT2 cesium phosphates
- NT2 chromium phosphates
- NT2 cobalt phosphates
- NT2 copper phosphates
- NT2 dysprosium phosphates
- NT2 erbium phosphates
- NT2 europium phosphates
- NT2 gadolinium phosphates
- NT2 gallium phosphates
- NT2 germanium phosphates
- NT2 hafnium phosphates
- NT2 holmium phosphates
- NT2 hydrogen phosphates
- NT2 indium phosphates
- NT2 iron phosphates
- NT2 lanthanum phosphates
- NT2 lead phosphates
- NT2 lithium phosphates
- NT2 lutetium phosphates
- NT2 magnesium phosphates
- NT2 manganese phosphates
- NT2 molybdenum phosphates
- NT2 neodymium phosphates
- NT2 neptunium phosphates
- NT2 nickel phosphates
- NT2 niobium phosphates
- NT2 plutonium phosphates
- NT2 potassium phosphates
- NT2 praseodymium phosphates
- NT2 promethium phosphates
- NT2 protactinium phosphates
- NT2 rubidium phosphates
- NT2 samarium phosphates
- NT2 scandium phosphates
- NT2 silicon phosphates
- NT2 silver phosphates
- NT2 sodium phosphates
- NT2 strontium phosphates
- NT2 superphosphates
- NT2 tantalum phosphates
- NT2 technetium phosphates
- NT2 terbium phosphates
- NT2 thallium phosphates
- NT2 thorium phosphates
- NT2 thulium phosphates
- NT2 tin phosphates
- NT2 titanium phosphates

NT2 uranium phosphates
 NT2 uranyl phosphates
 NT2 vanadium phosphates
 NT2 ytterbium phosphates
 NT2 yttrium phosphates
 NT2 zinc phosphates
 NT2 zirconium phosphates
 NT1 phosphides
 NT2 aluminium phosphides
 NT2 americium phosphides
 NT2 berkelium phosphides
 NT2 beryllium phosphides
 NT2 boron phosphides
 NT2 cadmium phosphides
 NT2 cerium phosphides
 NT2 cobalt phosphides
 NT2 copper phosphides
 NT2 curium phosphides
 NT2 dysprosium phosphides
 NT2 erbium phosphides
 NT2 europium phosphides
 NT2 gadolinium phosphides
 NT2 gallium phosphides
 NT2 germanium phosphides
 NT2 hafnium phosphides
 NT2 holmium phosphides
 NT2 indium phosphides
 NT2 iron phosphides
 NT2 lanthanum phosphides
 NT2 lithium phosphides
 NT2 manganese phosphides
 NT2 molybdenum phosphides
 NT2 neptunium phosphides
 NT2 nickel phosphides
 NT2 microbraz 50
 NT2 niobium phosphides
 NT2 osmium phosphides
 NT2 palladium phosphides
 NT2 platinum phosphides
 NT2 plutonium phosphides
 NT2 potassium phosphides
 NT2 praseodymium phosphides
 NT2 rhodium phosphides
 NT2 ruthenium phosphides
 NT2 samarium phosphides
 NT2 scandium phosphides
 NT2 silicon phosphides
 NT2 sodium phosphides
 NT2 tantalum phosphides
 NT2 terbium phosphides
 NT2 thorium phosphides
 NT2 thulium phosphides
 NT2 tin phosphides
 NT2 titanium phosphides
 NT2 tungsten phosphides
 NT2 uranium phosphides
 NT2 vanadium phosphides
 NT2 ytterbium phosphides
 NT2 yttrium phosphides
 NT2 zinc phosphides
 NT2 zirconium phosphides
 NT1 phosphines
 NT1 phosphine oxides
 NT3 cmpo
 NT3 tributylphosphine oxide
 NT3 trioctylphosphine oxide
 NT3 triphenylphosphine oxide
 NT2 triphenylphosphine
 NT1 phosphoric acid
 NT1 phosphorous acid
 NT1 phosphorus halides
 NT2 phosphorus bromides
 NT2 phosphorus chlorides
 NT2 phosphorus fluorides
 NT2 phosphorus iodides
 NT1 phosphorus hydrides
 NT1 phosphorus nitrides
 NT1 phosphorus oxides
 NT1 phosphorus sulfides

NT1 pyrophosphates
 NT1 tungstophosphates
 NT1 tungstophosphoric acid
 RT organic phosphorus compounds

PHOSPHORUS FLUORIDES

*BT1 fluorides
 *BT1 phosphorus halides

PHOSPHORUS-GROUP TRANSFERASES

INIS: 1986-12-03; ETDE: 1981-01-30
 Code number 2.7.

*BT1 transferases
 NT1 nucleotidyltransferases
 NT2 polymerases
 NT3 dna polymerases
 NT3 rna polymerases
 NT1 phosphotransferases
 NT2 hexokinase

PHOSPHORUS HALIDES

2012-07-25

*BT1 halides
 BT1 phosphorus compounds
 NT1 phosphorus bromides
 NT1 phosphorus chlorides
 NT1 phosphorus fluorides
 NT1 phosphorus iodides

PHOSPHORUS HYDRIDES

*BT1 hydrides
 BT1 phosphorus compounds
 RT phosphines

PHOSPHORUS IODIDES

*BT1 iodides
 *BT1 phosphorus halides

PHOSPHORUS IONS

*BT1 ions

PHOSPHORUS ISOTOPES

1999-07-16

BT1 isotopes
 NT1 phosphorus 21
 NT1 phosphorus 24
 NT1 phosphorus 25
 NT1 phosphorus 26
 NT1 phosphorus 27
 NT1 phosphorus 28
 NT1 phosphorus 29
 NT1 phosphorus 30
 NT1 phosphorus 31
 NT1 phosphorus 32
 NT1 phosphorus 33
 NT1 phosphorus 34
 NT1 phosphorus 35
 NT1 phosphorus 36
 NT1 phosphorus 37
 NT1 phosphorus 38
 NT1 phosphorus 39
 NT1 phosphorus 40
 NT1 phosphorus 41
 NT1 phosphorus 42
 NT1 phosphorus 43
 NT1 phosphorus 44
 NT1 phosphorus 45
 NT1 phosphorus 46

PHOSPHORUS NITRIDES

*BT1 nitrides
 BT1 phosphorus compounds

PHOSPHORUS OXIDES

*BT1 oxides
 BT1 phosphorus compounds

PHOSPHORUS SULFIDES

BT1 phosphorus compounds
 *BT1 sulfides

phosphorylases

USE phosphotransferases

PHOSPHORYLATION

BT1 chemical reactions

PHOSPHOTRANSFERASES

1996-11-13

Code numbers 2.7.1 to 2.7.6 and 2.7.8 to 2.7.9.

UF kinases
 UF kinases (phosphotransferases)
 UF phosphorylases
 UF streptidine kinase
 *BT1 phosphorus-group transferases
 NT1 hexokinase
 RT phosphoproteins

phosphotungstic acid

USE tungstophosphoric acid

phosphowolfram acid

USE tungstophosphoric acid

phosphuranylite

1996-07-08

(Until June 1996 this was a valid descriptor.)

USE phosphate minerals
 USE uranium minerals

PHOTIC ZONE

2014-01-02

Upper region of a body of water with
 sufficient sunlight to support photosynthesis
 RT photosynthesis
 RT surface waters

PHOTINOS

2013-08-26

*BT1 sparticles
 RT neutralinos
 RT photons

photo-induced transient spectroscopy

INIS: 2000-04-12; ETDE: 1983-03-23

A transport technique which detects the
 transient rise or decay of a photocurrent
 during chopped illumination.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE spectroscopy

PHOTOACOUSTIC EFFECT

INIS: 1980-09-12; ETDE: 1979-08-07

RT acoustics
 RT phonons
 RT photoacoustic spectrometers
 RT photoacoustic spectroscopy
 RT radiation effects

PHOTOACOUSTIC SPECTROMETERS

INIS: 1978-02-23; ETDE: 1978-05-01

UF optoacoustic cells
 UF spectrophones
 *BT1 infrared spectrometers
 RT absorption spectroscopy
 RT gas analysis
 RT photoacoustic effect
 RT photoacoustic spectroscopy

PHOTOACOUSTIC SPECTROSCOPY

INIS: 1986-04-03; ETDE: 1978-07-06

BT1 spectroscopy
 RT photoacoustic effect
 RT photoacoustic spectrometers

PHOTOANODES

INIS: 1992-02-22; ETDE: 1979-02-23

*BT1 anodes
 RT photocathodes

PHOTOCATALYSIS

2006-03-31

- BT1 catalysis
- RT catalysts

PHOTOCATHODES

INIS: 1980-11-07; ETDE: 1977-06-30

- *BT1 cathodes
- RT photoanodes
- RT photocurrents
- RT photoelectric effect
- RT photoemission
- RT quantum efficiency

photocells

- USE photoelectric cells

PHOTOCHEMICAL ENERGY STORAGE

INIS: 2000-04-12; ETDE: 1979-10-23

- *BT1 energy storage
- RT photochemical reactions
- RT photochemistry
- RT photoelectrochemical cells
- RT photosynthesis
- RT solar photochemistry

PHOTOCHEMICAL OXIDANTS

INIS: 2000-04-12; ETDE: 1976-02-19

- RT photochemistry
- RT smog

PHOTOCHEMICAL REACTIONS

INIS: 1992-03-18; ETDE: 1977-06-30

- BT1 chemical reactions
- NT1 photolysis
- NT2 biophotolysis
- NT1 photosynthesis
- RT atmospheric chemistry
- RT hydrogen transfer
- RT photochemical energy storage
- RT photochemistry
- RT photoelectrochemical cells
- RT photosynthetic membranes

PHOTOCHEMISTRY

- BT1 chemistry
- NT1 solar photochemistry
- RT atmospheric chemistry
- RT bioluminescence
- RT photochemical energy storage
- RT photochemical oxidants
- RT photochemical reactions
- RT photoelectrochemical cells
- RT photolysis
- RT photosynthesis
- RT radiation chemistry
- RT reaction intermediates

PHOTOCHROMIC MATERIALS

INIS: 2000-04-12; ETDE: 1976-04-19

Materials that change in color when exposed to visible or near-visible radiant energy.

- BT1 materials
- RT dyes

PHOTOCONDUCTIVE CELLS

- *BT1 photoelectric cells
- RT photoconductivity

PHOTOCONDUCTIVITY

- *BT1 electric conductivity
- RT photoconductive cells
- RT photoconductors
- RT photocurrents
- RT traps

PHOTOCONDUCTORS

- RT electric conductors
- RT photoconductivity
- RT photodetectors
- RT photoelectric cells

- RT semiconductor materials

PHOTOCOPYING

INIS: 2000-04-12; ETDE: 1980-08-12

- RT image processing
- RT photography

PHOTOCURRENTS

INIS: 1985-03-19; ETDE: 1981-12-14

- *BT1 electric currents
- RT photocathodes
- RT photoconductivity
- RT photoelectric cells
- RT photoelectric effect
- RT photoelectrochemical cells
- RT photovoltaic cells
- RT scanning light microscopy

PHOTODETECTORS

- RT dark current
- RT photoconductors
- RT photodiodes
- RT photoelectric cells
- RT photon counting
- RT phototransistors

PHOTODIODES

- *BT1 semiconductor diodes
- RT dark current
- RT photodetectors
- RT photoelectric cells
- RT phototransistors

photodisintegration

- USE photonuclear reactions

PHOTOELASTICITY

- *BT1 elasticity
- RT homalite
- RT materials testing
- RT stress analysis

PHOTOELECTRIC CELLS

- UF photocells
- BT1 direct energy converters
- NT1 photoconductive cells
- NT1 photovoltaic cells
- NT2 solar cells
- NT3 aluminium arsenide solar cells
- NT3 back contact solar cells
- NT3 cadmium arsenide solar cells
- NT3 cadmium selenide solar cells
- NT3 cadmium sulfide solar cells
- NT3 cadmium telluride solar cells
- NT3 cascade solar cells
- NT3 concentrator solar cells
- NT3 copper oxide solar cells
- NT3 copper selenide solar cells
- NT3 copper sulfide solar cells
- NT3 gallium arsenide solar cells
- NT3 gallium phosphide solar cells
- NT3 indium phosphide solar cells
- NT3 indium selenide solar cells
- NT3 mi solar cells
- NT3 mis solar cells
- NT3 mos solar cells
- NT3 ms solar cells
- NT3 organic solar cells
- NT3 pis solar cells
- NT3 ps solar cells
- NT3 schottky barrier solar cells
- NT3 selenium solar cells
- NT3 silicon arsenide solar cells
- NT3 silicon solar cells
- NT4 soc solar cells
- NT3 zinc sulphide solar cells
- NT3 zinc sulfide solar cells

- RT image tubes
- RT photoconductors
- RT photocurrents
- RT photodetectors

- RT photodiodes
- RT photomultipliers
- RT phototransistors
- RT phototubes
- RT semiconductor devices

PHOTOELECTRIC EFFECT

- UF photoelectromagnetic effect
- UF photomagnetolectric effect
- NT1 photoelectric emission
- NT1 photovoltaic effect
- RT fowler-nordheim theory
- RT photocathodes
- RT photocurrents

PHOTOELECTRIC EMISSION

- *BT1 electron emission
- BT1 photoelectric effect
- RT photoelectron counting
- RT quantum efficiency

PHOTOELECTROCHEMICAL CELLS

INIS: 1992-02-22; ETDE: 1979-03-05

- BT1 electrochemical cells
- NT1 photogalvanic cells
- RT electrochemistry
- RT photochemical energy storage
- RT photochemical reactions
- RT photochemistry
- RT photocurrents
- RT photovoltaic cells
- RT solar equipment

PHOTOELECTROLYSIS

INIS: 2000-04-12; ETDE: 1978-02-14

A room-temperature electrolytic decomposition of water that is powered by radiant energy.

- UF photoelectrolytic cells
- *BT1 electrolysis
- RT hydrogen production
- RT solar energy conversion

photoelectrolytic cells

INIS: 2000-04-12; ETDE: 1978-02-14

Electrolytic cells with photovoltage generating electrodes for photoelectrolysis of the electrolyte.

(Prior to March1997 this was a valid ETDE descriptor.)

- USE electrolytic cells
- USE photoelectrolysis

photoelectromagnetic effect

INIS: 1984-04-04; ETDE: 1981-05-18

(Prior to January 1995, this was a valid ETDE descriptor.)

- USE magnetic fields
- USE photoelectric effect

PHOTOELECTRON COUNTING

INIS: 1976-08-17; ETDE: 1976-11-01

- BT1 counting techniques
- RT photoelectric emission

PHOTOELECTRON SPECTROSCOPY

- UF photoemission spectroscopy
- *BT1 electron spectroscopy
- NT1 x-ray photoelectron spectroscopy
- RT electronic structure
- RT molecular structure

PHOTOEMISSION

Photon-induced emission.

- *BT1 secondary emission
- RT photocathodes

photoemission spectroscopy

2015-06-03

- USE photoelectron spectroscopy

PHOTOFISSION

- *BT1 fission
- *BT1 photonuclear reactions

PHOTO GALVANIC CELLS

- INIS: 2000-04-12; ETDE: 1975-09-11*
- *BT1 photoelectrochemical cells

PHOTOGRAPHIC EMULSIONS

- 1999-07-05
- *BT1 emulsions
 - RT latent images
 - RT photographic film doseimeters

PHOTOGRAPHIC FILM

- DETECTORS**
- UF track detectors (*photographic*)
 - *BT1 radiation detectors
 - RT neutron-photon converters
 - RT nuclear emulsions
 - RT photographic film doseimeters
 - RT photographic films

PHOTOGRAPHIC FILM

- DOSEMETERS**
- UF film badges
 - UF film doseimeters
 - *BT1 doseimeters
 - RT film dosimetry
 - RT nuclear emulsions
 - RT photographic emulsions
 - RT photographic film detectors

PHOTOGRAPHIC FILMS

- RT image scanners
- RT images
- RT latent images
- RT nuclear emulsions
- RT photographic film detectors

photographs

- USE images

PHOTOGRAPHY

- NT1 cinematography
- NT1 multispectral photography
- NT1 photomicrography
- NT1 schlieren method
- NT1 streak photography
- NT1 ultrahigh-speed photography
- RT cameras
- RT developers
- RT holography
- RT image processing
- RT photocopying
- RT xerography

PHOTOIONIZATION

- BT1 ionization

PHOTOLUMINESCENCE

- *BT1 luminescence
- RT scanning light microscopy

PHOTOLYSIS

- *BT1 decomposition
- *BT1 photochemical reactions
- NT1 biophotolysis
- RT bioconversion
- RT dissociation
- RT photochemistry
- RT radiolysis
- RT traps

photomagnetic effect

- INIS: 1982-04-14; ETDE: 1982-05-07*
- USE magnetic susceptibility
 - USE visible radiation

photomagnetolectric effect

- INIS: 1982-04-14; ETDE: 1982-05-07*
- USE magnetic fields

- USE photoelectric effect

PHOTOMETERS

- BT1 measuring instruments
- NT1 densitometers
- RT photometry
- RT pyranometers

PHOTOMETRY

- NT1 flame photometry
- RT densitometers
- RT photometers
- RT spectrophotometry
- RT spectroscopy

PHOTOMICROGRAPHY

- BT1 photography
- RT ceramography
- RT fractography
- RT metallography
- RT microscopy

PHOTOMULTIPLIERS

- BT1 phototubes
- RT electron multipliers
- RT photoelectric cells
- RT scintillation counters

PHOTON ACTIVATION ANALYSIS

- INIS: 1978-11-24; ETDE: 1979-02-27*
- UF analysis (*photon activation*)
 - *BT1 activation analysis

PHOTON-ATOM COLLISIONS

- *BT1 atom collisions
- *BT1 photon collisions

PHOTON-BARYON INTERACTIONS

- *BT1 photon-hadron interactions
- NT1 photon-hyperon interactions
- NT1 photon-nucleon interactions
- NT2 photon-neutron interactions
- NT2 photon-proton interactions

PHOTON BEAMS

- BT1 beams
- RT light sources
- RT particle beams
- RT photons
- RT visible radiation

PHOTON COLLISIONS

- BT1 collisions
- NT1 photon-atom collisions
- NT1 photon-electron collisions
- NT1 photon-ion collisions
- NT1 photon-molecule collisions
- NT1 photon-positron collisions

PHOTON COMPUTED TOMOGRAPHY

- INIS: 2000-04-12; ETDE: 1980-05-07*
- *BT1 computerized tomography
 - RT biomedical radiography
 - RT image scanners

PHOTON COUNTING

- 2017-03-28
- RT photodetectors
 - RT quantum efficiency

photon detection (gamma)

- INIS: 2000-04-12; ETDE: 1979-02-27*
- USE gamma detection

photon detection (x-ray)

- INIS: 2000-04-12; ETDE: 1979-02-27*
- USE x-ray detection

photon-deuteron interactions

- (Prior to March 1997 this was a valid ETDE descriptor.)
- USE photon-neutron interactions

- USE photon-proton interactions

PHOTON-ELECTRON COLLISIONS

- ETDE: 1989-02-10*
- *BT1 electron collisions
 - *BT1 photon collisions

PHOTON-ELECTRON INTERACTIONS

- *BT1 photon-lepton interactions

PHOTON EMISSION

- Emission of photons.*
- BT1 emission
 - NT1 luminescence
 - NT2 bioluminescence
 - NT2 cathodoluminescence
 - NT2 chemiluminescence
 - NT2 electroluminescence
 - NT2 fluorescence
 - NT3 resonance fluorescence
 - NT2 lyoluminescence
 - NT2 phosphorescence
 - NT2 photoluminescence
 - NT2 radioluminescence
 - NT3 radiothermoluminescence
 - NT2 thermoluminescence
 - NT3 radiothermoluminescence
 - NT1 superradiance
 - RT multi-photon processes
 - RT secondary emission

PHOTON EMISSION SCANNING

- INIS: 1986-04-03; ETDE: 1979-05-09*
- BT1 diagnostic techniques
 - NT1 ecat scanning
 - RT emission computed tomography
 - RT photons

PHOTON-HADRON INTERACTIONS

- *BT1 electromagnetic interactions
- *BT1 particle interactions
- NT1 photon-baryon interactions
- NT2 photon-hyperon interactions
- NT2 photon-nucleon interactions
- NT3 photon-neutron interactions
- NT3 photon-proton interactions
- NT1 photon-meson interactions

PHOTON-HYPERON INTERACTIONS

- *BT1 photon-baryon interactions

PHOTON-ION COLLISIONS

- *BT1 ion collisions
- *BT1 photon collisions

PHOTON-LEPTON INTERACTIONS

- *BT1 particle interactions
- NT1 photon-electron interactions
- NT1 photon-muon interactions
- NT1 photon-neutrino interactions
- RT electromagnetic interactions
- RT weak interactions

PHOTON-MESON INTERACTIONS

- *BT1 photon-hadron interactions

PHOTON-MOLECULE COLLISIONS

- *BT1 molecule collisions
- *BT1 photon collisions

PHOTON-MUON INTERACTIONS

- *BT1 photon-lepton interactions

PHOTON-NEUTRINO INTERACTIONS

- *BT1 photon-lepton interactions

PHOTON-NEUTRON INTERACTIONS

- UF photon-deuteron interactions
- *BT1 photon-nucleon interactions

PHOTON-NUCLEON INTERACTIONS

- *BT1 photon-baryon interactions
- NT1 photon-neutron interactions
- NT1 photon-proton interactions

photon-photon collisions

ETDE: 2002-04-26

- USE photon-photon interactions

PHOTON-PHOTON INTERACTIONS

- UF photon-photon collisions
- *BT1 electromagnetic interactions
- *BT1 particle interactions
- RT equivalent-photon approximation

PHOTON-POSITRON COLLISIONS

- *BT1 photon collisions
- *BT1 positron collisions

PHOTON-PROTON INTERACTIONS

- UF photon-deuteron interactions
- *BT1 photon-nucleon interactions

PHOTON TEMPERATURE

- UF temperature (photon)
- RT energy
- RT photons

PHOTON TRANSMISSION SCANNING

- UF gamma transmission scanning
- UF x-ray transmission scanning
- BT1 diagnostic techniques
- RT biomedical radiography
- RT single photon emission computed tomography

PHOTON TRANSPORT

- UF transport (gamma)
- UF transport (photon)
- *BT1 neutral-particle transport
- RT gamma transport theory

PHOTONEUTRONS

- *BT1 neutrons
- *BT1 photonucleons
- RT peierls method
- RT photonuclear reactions

PHOTONS

- BT1 bosons
- *BT1 massless particles
- NT1 cosmic photons
- RT delayed gamma radiation
- RT electromagnetic radiation
- RT gamma radiation
- RT photinos
- RT photon beams
- RT photon emission scanning
- RT photon temperature
- RT prompt gamma radiation
- RT tagged photon method
- RT x radiation

PHOTONUCLEAR REACTIONS

- UF gamma reactions
- UF photodisintegration
- BT1 nuclear reactions
- NT1 photofission
- RT giant resonance
- RT giant resonance model
- RT photoneutrons
- RT photonucleons
- RT photoproduction
- RT photoprotons

PHOTONUCLEONS

- *BT1 nucleons
- NT1 photoneutrons
- NT1 photoprotons
- RT photonuclear reactions

PHOTOPERIOD

INIS: 2000-04-12; ETDE: 1977-08-09

The number of daylight hours best suited to the growth and maturation of an organism.

- RT daily variations
- RT visible radiation

PHOTOPRODUCTION

- *BT1 electromagnetic interactions
- *BT1 particle interactions
- BT1 particle production
- NT1 primakoff effect
- RT drell model
- RT electric born model
- RT kroll-ruderman theorem
- RT levinger-bethe theory
- RT panofsky ratio
- RT photonuclear reactions

PHOTOPROTONS

- *BT1 photonucleons
- *BT1 protons
- RT photonuclear reactions

photoreactivating enzyme

2004-09-16

- USE enzymes
- USE photoreactivation

PHOTOREACTIVATION

- UF photoreactivating enzyme
- UF pre (photoreactivating enzyme)
- *BT1 biological repair
- RT microorganisms
- RT molecular structure
- RT nucleic acids
- RT radiation injuries
- RT ultrastructural changes
- RT ultraviolet radiation
- RT visible radiation

PHOTORESISTORS

- *BT1 resistors

PHOTOSENSITIVITY

- BT1 sensitivity

PHOTOSPHERE

- *BT1 solar atmosphere
- RT chromosphere
- RT faculae
- RT solar granulation
- RT sun
- RT sunspots

PHOTOSYNTHESIS

1997-06-19

(From August 1978 till February 1997 BIOMIMETIC PROCESSES was a valid

ETDE descriptor.)

- SF biomimetic processes
- *BT1 photochemical reactions
- BT1 synthesis
- RT biophotolysis
- RT biosynthesis
- RT c4 species
- RT calvin cycle species
- RT carbon cycle
- RT carbon dioxide fixation
- RT chlorophyll
- RT chloroplasts
- RT leaves
- RT phosphoenolpyruvate
- RT photic zone
- RT photochemical energy storage
- RT photochemistry
- RT photosynthetic bacteria
- RT photosynthetic membranes
- RT photosynthetic reaction centers
- RT phycobilisomes
- RT plastoquinone

- RT ribulose diphosphate carboxylase
- RT thylakoid membrane proteins

PHOTOSYNTHETIC BACTERIA

INIS: 1993-07-16; ETDE: 1978-04-06

- *BT1 bacteria
- NT1 rhodopseudomonas
- NT1 rhodospirillum
- RT photosynthesis

PHOTOSYNTHETIC MEMBRANES

INIS: 1993-08-05; ETDE: 1980-02-11

- BT1 membranes
- RT chlorophyll-binding proteins
- RT photochemical reactions
- RT photosynthesis
- RT photosynthetic reaction centers
- RT phycobiliproteins
- RT thylakoid membrane proteins

PHOTOSYNTHETIC REACTION CENTERS

INIS: 2000-04-12; ETDE: 1982-07-08

- NT1 chlorophyll-binding proteins
- RT chlorophyll
- RT cytochromes
- RT photosynthesis
- RT photosynthetic membranes
- RT phycobilins

PHOTOTRANSISTORS

- *BT1 transistors
- RT dark current
- RT photodetectors
- RT photodiodes
- RT photoelectric cells

PHOTOTUBES

- NT1 photomultipliers
- RT dark current
- RT electron tubes
- RT photoelectric cells

PHOTOVOLTAIC CELLS

- *BT1 photoelectric cells
- NT1 solar cells
- NT2 aluminium arsenide solar cells
- NT2 back contact solar cells
- NT2 cadmium arsenide solar cells
- NT2 cadmium selenide solar cells
- NT2 cadmium sulfide solar cells
- NT2 cadmium telluride solar cells
- NT2 cascade solar cells
- NT2 concentrator solar cells
- NT2 copper oxide solar cells
- NT2 copper selenide solar cells
- NT2 copper sulfide solar cells
- NT2 gallium arsenide solar cells
- NT2 gallium phosphide solar cells
- NT2 indium phosphide solar cells
- NT2 indium selenide solar cells
- NT2 mi solar cells
- NT2 mis solar cells
- NT2 mos solar cells
- NT2 ms solar cells
- NT2 organic solar cells
- NT2 pis solar cells
- NT2 ps solar cells
- NT2 schottky barrier solar cells
- NT2 selenium solar cells
- NT2 silicon arsenide solar cells
- NT2 silicon solar cells
- NT3 soc solar cells
- NT2 zinc phosphide solar cells
- NT2 zinc sulfide solar cells
- RT combined collectors
- RT photocurrents
- RT photoelectrochemical cells
- RT photovoltaic conversion
- RT photovoltaic effect
- RT semiconductor diodes

RT solar cell arrays
RT thermophotovoltaic converters

PHOTOVOLTAIC CONVERSION

1982-12-07

*BT1 direct energy conversion
RT organic solar cells
RT photovoltaic cells
RT thermophotovoltaic conversion

PHOTOVOLTAIC EFFECT

UF riehl-schon model
BT1 photoelectric effect
RT energy conversion
RT photovoltaic cells

PHOTOVOLTAIC POWER PLANTS

INIS: 1992-05-29; ETDE: 1975-09-11

*BT1 solar power plants
RT microgeneration
RT photovoltaic power supplies
RT solar cell arrays

PHOTOVOLTAIC POWER SUPPLIES

INIS: 1992-05-29; ETDE: 1979-03-27

Solar cells or arrays with associated circuitry for small-scale or dispersed applications.

*BT1 power supplies
*BT1 solar equipment
RT natural bridges national monument
RT photovoltaic power plants
RT solar cell arrays
RT solar cells

PHTHALATES

BT1 carboxylic acid salts
RT phthalic acid esters

PHTHALAZINES

*BT1 pyridazines
NT1 luminol

PHTHALIC ACID

UF benzenedicarboxylic acid-ortho
UF naphthalic acid
*BT1 dicarboxylic acids
RT bromosulfophthalein
RT eosin
RT fluorescein
RT phenolphthalein
RT rhodamines
RT rose bengal

PHTHALIC ACID ESTERS

*BT1 esters
RT phthalates

PHTHALOCYANINES

BT1 dyes
*BT1 heterocyclic compounds
RT copper complexes

PHWR TYPE REACTORS

UF pressurized heavy water cooled/moderated reactor
*BT1 heavy water cooled reactors
*BT1 heavy water moderated reactors
NT1 agesta reactor
NT1 atucha-1 reactor
NT1 atucha-2 reactor
NT1 bruce-1 reactor
NT1 bruce-2 reactor
NT1 bruce-3 reactor
NT1 bruce-4 reactor
NT1 bruce-5 reactor
NT1 bruce-6 reactor
NT1 bruce-7 reactor
NT1 bruce-8 reactor
NT1 cernavoda-1 reactor
NT1 cernavoda-2 reactor
NT1 cordoba reactor
NT1 cvtr reactor

NT1 darlington-1 reactor
NT1 darlington-2 reactor
NT1 darlington-3 reactor
NT1 darlington-4 reactor
NT1 douglas point ontario reactor
NT1 embalse reactor
NT1 gentilly-2 reactor
NT1 kaiga-1 reactor
NT1 kaiga-2 reactor
NT1 kaiga-3 reactor
NT1 kaiga-4 reactor
NT1 kakrapar-1 reactor
NT1 kakrapar-2 reactor
NT1 kalpakkam-1 reactor
NT1 kalpakkam-2 reactor
NT1 kanupp reactor
NT1 mzftr reactor
NT1 narora-1 reactor
NT1 narora-2 reactor
NT1 npd reactor
NT1 pickering-1 reactor
NT1 pickering-2 reactor
NT1 pickering-3 reactor
NT1 pickering-4 reactor
NT1 pickering-5 reactor
NT1 pickering-6 reactor
NT1 pickering-7 reactor
NT1 pickering-8 reactor
NT1 point lepreau-1 reactor
NT1 point lepreau-2 reactor
NT1 qinshan-3-1 reactor
NT1 qinshan-3-2 reactor
NT1 rajasthan-1 reactor
NT1 rajasthan-2 reactor
NT1 rajasthan-3 reactor
NT1 rajasthan-4 reactor
NT1 rajasthan-5 reactor
NT1 rajasthan-6 reactor
NT1 tarapur-3 reactor
NT1 tarapur-4 reactor
NT1 wolsung-1 reactor
NT1 wolsung-2 reactor
NT1 wolsung-3 reactor
NT1 wolsung-4 reactor
RT power reactors

PHYCOBILINS

INIS: 2000-04-12; ETDE: 1987-04-24

BT1 pigments
RT photosynthetic reaction centers
RT phycobiliproteins

PHYCOBILIPROTEINS

INIS: 1997-06-19; ETDE: 1987-04-10

*BT1 thylakoid membrane proteins
NT1 phycocyanin
RT photosynthetic membranes
RT phycobilins
RT phycobilisomes
RT pigments

PHYCOBILISOMES

INIS: 2000-04-12; ETDE: 1982-03-10

BT1 cell constituents
RT algae
RT photosynthesis
RT phycobiliproteins
RT phycocyanin
RT pigments

PHYCOCYANIN

1997-06-19

*BT1 phycobiliproteins
BT1 pigments
RT phycobilisomes

phycomyces

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE eumycota

PHYSARUM

*BT1 fungi

physical and technical research**reactor moscow**

2000-04-12

USE rpt reactor

PHYSICAL CHEMISTRY

1986-04-04

BT1 chemistry
NT1 plasma chemistry
RT chemical physics

physical constants test reactor

2000-04-12

USE pctr reactor

physical effort

USE exercise

PHYSICAL METALLURGY

INIS: 1977-07-05; ETDE: 1977-10-19

BT1 metallurgy
RT crystal structure
RT mechanical properties
RT mechanics
RT physical properties
RT thermodynamics

PHYSICAL PROPERTIES

UF properties (physical)

NT1 absorptivity
NT1 density
NT2 api gravity
NT2 bulk density
NT1 electrical properties
NT2 capacitance
NT2 dielectric properties
NT3 kerr effect
NT3 permittivity
NT2 electric conductivity
NT3 ionic conductivity
NT4 proton conductivity
NT3 magnetoresistance
NT3 photoconductivity
NT3 superconductivity
NT2 inductance
NT2 polarizability
NT2 thermoelectric properties
NT1 half-thickness
NT1 magnetic properties
NT2 magnetic susceptibility
NT2 magnetostriction
NT1 optical properties
NT2 brightness
NT2 color
NT2 emissivity
NT2 luminosity
NT2 opacity
NT2 optical activity
NT2 reflectivity
NT2 refractive index
NT2 spectral reflectance
NT1 permeability
NT1 specific surface area
NT1 thermodynamic properties
NT2 critical pressure
NT2 enthalpy
NT3 absorption heat
NT3 adsorption heat
NT3 mixing heat
NT3 reaction heat
NT4 combustion heat
NT4 dissociation heat
NT4 formation heat
NT3 solution heat
NT3 transition heat
NT4 fusion heat
NT4 sublimation heat

NT4 vaporization heat
 NT2 entropy
 NT2 free energy
 NT3 formation free energy
 NT3 surface energy
 NT2 free enthalpy
 NT3 formation free enthalpy
 NT3 oxygen potential
 NT2 partial pressure
 NT2 specific heat
 NT3 electronic specific heat
 NT3 magnetic specific heat
 NT3 nuclear specific heat
 NT2 stored energy
 NT2 thermal conductivity
 NT2 thermal diffusivity
 NT2 transition temperature
 NT3 boiling points
 NT3 critical temperature
 NT3 curie point
 NT3 dew point
 NT3 lambda point
 NT3 melting points
 NT3 neel temperature
 NT2 vapor pressure
 RT physical metallurgy
 RT surface properties
 RT thermal degradation

PHYSICAL PROTECTION

INIS: 1976-04-03; ETDE: 1978-03-08

RT biointrusion
 RT biometric authentication
 RT cppnm
 RT entry control systems
 RT human intrusion
 RT intrusion detection systems
 RT sabotage
 RT safeguards
 RT secrecy protection
 RT security
 RT security personnel

PHYSICAL PROTECTION DEVICES

UF locks (security)
 NT1 fences
 NT1 security seals
 RT entry control systems
 RT identification systems
 RT motion detection systems
 RT safeguards
 RT secrecy protection
 RT security
 RT theft

physical protection of nuclear material, convention

INIS: 1993-11-09; ETDE: 2002-04-26
 USE cppnm

PHYSICAL RADIATION EFFECTS

UF damage (radiation, physical)
 UF radiation damage (physical)
 BT1 radiation effects
 NT1 atomic displacements
 NT1 interstitial helium generation
 NT1 interstitial hydrogen generation
 NT1 radiation hardening
 RT amoeba effect
 RT damaging neutron fluence
 RT equivalent fission fluence
 RT fuel densification
 RT metamict state
 RT neutron sputtering
 RT neutronic damage functions

PHYSICAL VAPOR DEPOSITION

INIS: 1992-02-24; ETDE: 1989-10-11
 UF pvd
 *BT1 surface coating

RT cathode sputtering
 RT vacuum coating
 RT vacuum evaporation
 RT vapor deposited coatings
 RT vapor plating

PHYSICS

INIS: 1979-04-27; ETDE: 1976-09-28
 Use only for articles of very broad coverage, such as annual reviews, text books, etc.

NT1 astrophysics
 NT2 warm dense matter
 NT1 atomic physics
 NT1 biophysics
 NT1 chemical physics
 NT1 geophysics
 NT1 high energy physics
 NT1 neutron physics
 NT1 nuclear physics
 NT1 reactor physics
 NT1 solid state physics

PHYSIOLOGY

NT1 electrophysiology
 RT anatomy
 RT antiandrogens
 RT behavior
 RT biological functions
 RT biological stress
 RT blood-brain barrier
 RT blood circulation
 RT body temperature
 RT digestion
 RT excretion
 RT growth
 RT homeostasis
 RT hormones
 RT metabolism
 RT molecular biology
 RT reproduction
 RT respiration
 RT ripening
 RT sleep
 RT thermoregulation
 RT transpiration

physostigmine

ETDE: 1981-04-20
 USE eserine

PHYTIC ACID

*BT1 lipotropic factors
 *BT1 organic acids
 *BT1 phosphoric acid esters
 RT inositol

phytochrome

INIS: 1985-07-19; ETDE: 2002-04-26
 (Prior to August 1985 this was a valid descriptor.)
 USE phytochromes

PHYTOCHROMES

1985-07-19
 (Prior to August 1985 the singular form was used.)
 UF phytochrome
 BT1 pigments
 *BT1 proteins
 NT1 chlorophyll

PHYTOHEMAGGLUTININ

*BT1 hemagglutinins
 BT1 mitogens
 *BT1 mucoproteins
 RT cell proliferation
 RT lymphocytes
 RT mitosis
 RT phaseolus

PHYTOPLANKTON

INIS: 1993-01-29; ETDE: 1977-01-10
 (Until January 1993, this concept was indexed by PLANKTON.)
 *BT1 plankton
 BT1 plants
 RT algae
 RT diatoms

pi-1016 resonances

2000-04-12
 (Prior to August 1988 this was a valid ETDE descriptor.)
 USE mesons

PI-1300 MESONS

INIS: 1987-12-21; ETDE: 1988-01-29
 *BT1 pseudoscalar mesons

pi-1640 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE pi2-1670 mesons

PI-1770 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01
 *BT1 pseudoscalar mesons

pi condensate

INIS: 1978-08-14; ETDE: 2002-04-26
 USE pion condensation

PI-K ATOMS

INIS: 1985-11-19; ETDE: 1985-12-13
 A charged pion and an oppositely charged kaon in a Coulomb bound state.
 RT bound state
 RT kaons
 RT mesic atoms
 RT pions

PI-MU ATOMS

INIS: 1983-02-04; ETDE: 1982-05-24
 A charged pion and an oppositely charged muon in a Coulomb bound state.
 RT bound state
 RT mesic atoms
 RT muonic atoms
 RT muons
 RT pions

PI2-1670 MESONS

1995-08-07
 (Until December 1987 this concept was indexed by PI-1640 RESONANCES; from then until July 1995 it was indexed by PI2-1680 MESONS.)
 UF a3 resonances
 UF pi-1640 resonances
 UF pi2-1680 mesons
 *BT1 tensor mesons

pi2-1680 mesons

INIS: 1995-08-07; ETDE: 1988-02-01
 (From December 1987 until July 1995 this was a valid term.)
 USE pi2-1670 mesons

PI2-2100 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01
 *BT1 tensor mesons

piace devices

2000-04-12
 (Prior to January 1995, this was a valid ETDE descriptor.)
 USE linear theta pinch devices

PICEANCE CREEK

2000-04-12
 *BT1 rivers

RT colorado

PICEANCE CREEK BASIN

2000-04-12

BT1 watersheds
RT colorado
RT green river formation
RT oil shale deposits

PICKERING-1 REACTOR

Pickering, Ontario, Canada.

UF ontario phwr pickering-1 reactor
*BT1 candu type reactors
*BT1 natural uranium reactors
*BT1 phwr type reactors
RT pickering site

PICKERING-2 REACTOR

Pickering, Ontario, Canada. Permanent shutdown since 2007.

UF ontario phwr pickering-2 reactor
*BT1 candu type reactors
*BT1 natural uranium reactors
*BT1 phwr type reactors
RT pickering site

PICKERING-3 REACTOR

Pickering, Ontario, Canada. Permanent shutdown since 2008.

UF ontario phwr pickering-3 reactor
*BT1 candu type reactors
*BT1 natural uranium reactors
*BT1 phwr type reactors
RT pickering site

PICKERING-4 REACTOR

Pickering, Ontario, Canada.

UF ontario phwr pickering-4 reactor
*BT1 candu type reactors
*BT1 natural uranium reactors
*BT1 phwr type reactors
RT pickering site

PICKERING-5 REACTOR

1977-11-21

Pickering, Ontario, Canada.

UF ontario phwr pickering-5 reactor
*BT1 candu type reactors
*BT1 natural uranium reactors
*BT1 phwr type reactors
RT pickering site

PICKERING-6 REACTOR

1977-11-21

Pickering, Ontario, Canada.

UF ontario phwr pickering-6 reactor
*BT1 candu type reactors
*BT1 natural uranium reactors
*BT1 phwr type reactors
RT pickering site

PICKERING-7 REACTOR

1977-11-21

Pickering, Ontario, Canada.

UF ontario phwr pickering-7 reactor
*BT1 candu type reactors
*BT1 natural uranium reactors
*BT1 phwr type reactors
RT pickering site

PICKERING-8 REACTOR

1977-11-21

Pickering, Ontario, Canada.

UF ontario phwr pickering-8 reactor
*BT1 candu type reactors
*BT1 natural uranium reactors
*BT1 phwr type reactors
RT pickering site

PICKERING SITE

INIS: 1993-01-14; ETDE: 1993-05-06

Pickering, Ontario, Canada.

BT1 reactor sites
RT pickering-1 reactor
RT pickering-2 reactor
RT pickering-3 reactor
RT pickering-4 reactor
RT pickering-5 reactor
RT pickering-6 reactor
RT pickering-7 reactor
RT pickering-8 reactor

picket fence

USE cusped geometries

PICKLING

BT1 surface treatments
NT1 corrosion pickling

PICKUP REACTIONS

*BT1 transfer reactions

PICO AMP BEAM CURRENTS

From 10 exp -12 to 10 exp -9 amp.

*BT1 beam currents

PICOLINES

UF methyl pyridines
*BT1 pyridines
NT1 picolinic acid
RT pyridoxal

PICOLINIC ACID

UF 2-pyridinecarboxylic acid
*BT1 heterocyclic acids
*BT1 picolines

PICRIC ACID

UF picronitric acid
UF tnp
UF trinitrophenol
*BT1 chemical explosives
*BT1 nitro compounds
*BT1 phenols
RT organic acids

picronitric acid

USE picric acid

PICRYL RADICALS

BT1 radicals

PIERCE ELECTRON GUNS

BT1 electron guns
*BT1 electron sources

PIERCE INSTABILITY

1983-09-06

BT1 instability
RT beam-plasma systems
RT electron beams

pierrelatte (cea)

USE cea pierrelatte

PIES

INIS: 2000-04-12; ETDE: 1979-02-23

UF project independence evaluation system
BT1 energy models

PIEZOELECTRICITY

BT1 electricity

PIEZOMETRY

INIS: 1993-03-09; ETDE: 1975-10-01

BT1 pressure measurement
RT hydrology
RT pore pressure

pig discharges

USE penning discharges

pig ion sources

USE penning ion sources

pige analysis

INIS: 1981-12-23; ETDE: 1982-02-09

Proton-Induced Gamma Emission analysis.

USE nuclear reaction analysis
USE prompt gamma radiation
USE proton reactions

PIGEONS

*BT1 birds
RT fowl

pigment cells

USE animal cells
USE pigments

PIGMENTS

1997-06-19

(Prior to August 1996 ULTRAMARINE was a valid ETDE descriptor.)

UF biliverdin
UF india ink
UF pigment cells
UF ultramarine
UF urobilinogen
NT1 bilirubin
NT1 carotenoids
NT1 cytochromes
NT1 hematoporphyrins
NT1 heme
NT1 hemoglobin
NT2 methemoglobin
NT1 hemosiderin
NT1 melanin
NT1 molybdenum blue
NT1 myoglobin
NT1 phycobilins
NT1 phycocyanin
NT1 phytochromes
NT2 chlorophyll
NT1 protoporphyrins
NT1 rhodopsin
RT paints
RT phycobiliproteins
RT phycobilisomes
RT porphyrins

pigmi

INIS: 2000-04-12; ETDE: 1981-05-18

(Prior to October 1982, this was a valid ETDE descriptor.)

USE pigmi facilities

PIGMI FACILITIES

INIS: 1982-09-21; ETDE: 1982-10-20

UF pigmi
UF pion generator for medical irradiations
*BT1 meson factories
RT irradiation devices
RT linear accelerators
RT quadrupole linacs

pigs

USE swine

PIK PHYSICAL MODEL REACTOR

INIS: 2000-04-12; ETDE: 1999-09-21

Petersburg Nuclear Physics Institute, St. Petersburg, Russian Federation.

*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors

PIK REACTOR

INIS: 1999-09-24; ETDE: 1999-11-30
Petersburg Nuclear Physics Institute, St. Petersburg, Russian Federation.

- *BT1 enriched uranium reactors
- *BT1 heavy water cooled reactors
- *BT1 heavy water moderated reactors
- *BT1 research reactors
- *BT1 tank type reactors
- *BT1 thermal reactors

pikas

1996-07-08
 (Until June 1996 this was a valid descriptor.)
 USE mammals

PILE NEUTRONS

- *BT1 neutrons

PILE OSCILLATION TECHNIQUES

- UF oscillation techniques (pile)
- RT reactivity
- RT reactor oscillators

PILE REPLACEMENT TECHNIQUES

- UF substitution techniques
- RT reactivity

piles

INIS: 2000-04-12; ETDE: 1977-03-08
 USE foundations

PILGRIM-1 REACTOR

Entergy Nuclear Generation Co., Plymouth, Massachusetts, USA.

- UF pilgrim reactor
- UF plymouth pilgrim power reactor
- *BT1 bwr type reactors

PILGRIM-2 REACTOR

Boston Edison Co., Plymouth, Massachusetts, USA. Canceled in 1981 before construction began.

- *BT1 pwr type reactors

PILGRIM-3 REACTOR

Boston Edison Co., Plymouth, Massachusetts, USA. Canceled in 1974 before construction began.

- *BT1 pwr type reactors

pilgrim reactor

1990-12-07
 (Prior to December 1990, this was a valid descriptor.)
 USE pilgrim-1 reactor

PILOCARPINE

- *BT1 alkaloids
- *BT1 parasympathomimetics

PILOT PLANTS

- UF plants (pilot)
- BT1 functional models
- NT1 barstow solar pilot plant
- NT1 wipp
- RT demonstration plants
- RT hef
- RT industrial plants
- RT mockup
- RT pamela plant
- RT process development units

pimephales promelas

INIS: 1993-07-14; ETDE: 1984-08-20
 USE fathead minnow

pin stripe event

2000-04-12
A test made during OPERATION FLINTLOCK.
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE nuclear explosions
 USE underground explosions

PINACOL

- UF tetramethylethylene glycol
- *BT1 glycols

PINCH DEVICES

- UF grom devices
- UF tesi devices
- BT1 thermonuclear devices
- NT1 field-reversed theta pinch devices
- NT1 linear pinch devices
- NT2 linear hard core pinch devices
- NT2 linear screw pinch devices
- NT2 linear theta pinch devices
- NT3 isar devices
- NT3 scylla devices
- NT2 linear z pinch devices
- NT1 toroidal pinch devices
- NT2 reversed-field pinch devices
- NT3 artemis device
- NT3 extrap-t2 device
- NT3 hbtz devices
- NT3 mst device
- NT3 rfx device
- NT3 tpe-1rm15 device
- NT3 tpe-rx device
- NT3 zt-40 devices
- NT3 zt-p devices
- NT2 tlp devices
- NT3 zeta devices
- NT2 toroidal screw pinch devices
- NT3 stp-3m device
- NT3 tpe-2 device
- NT2 toroidal theta pinch devices
- NT3 scyllac devices
- RT limiters
- RT pinch effect

PINCH EFFECT

- NT1 hard core pinch
- NT1 longitudinal pinch
- NT2 belt pinch
- NT1 reverse-field pinch
- NT1 screw pinch
- NT1 theta pinch
- RT limiters
- RT magnetic compression
- RT magnetic field configurations
- RT pinch devices
- RT plasma
- RT plasma filament
- RT plasma focus

PINEAL GLAND

- UF epiphysis (pineal gland)
- *BT1 glands
- RT brain
- RT endocrine glands
- RT melatonin

PINEAPPLES

INIS: 1993-07-16; ETDE: 1981-04-17
 *BT1 fruits

PINELLAS PLANT

INIS: 1977-09-06; ETDE: 1976-11-17
 *BT1 us doe
 *BT1 us erda
 RT florida

PINES

- *BT1 conifers
- *BT1 trees

PINES-BOHM THEORY

- UF bohm-pines theory
- RT electron gas

pinning force

- USE magnetic flux

PINNIPEDS

INIS: 1993-05-04; ETDE: 1982-02-08
Fin-footed carnivores.
 UF seals (mammals)
 BT1 aquatic organisms
 *BT1 mammals

PINOPHYTA

INIS: 1992-02-05; ETDE: 1989-01-09
 UF gymnosperms
 BT1 plants
 NT1 conifers

- NT2 cedars
- NT2 firs
- NT2 hemlocks
- NT2 larches
- NT2 pines
- NT2 spruces

pins (fuel)

- USE fuel pins

PION BEAMS

- *BT1 meson beams

PION CONDENSATION

INIS: 1978-08-14; ETDE: 1977-06-21
 UF pi condensate
 RT bose-einstein condensation
 RT nuclear matter
 RT pions

PION DETECTION

- *BT1 radiation detection
- RT pion dosimetry

pion-deuteron interactions

Use the descriptors below or more specific NTs in their wordblocks.
 (Prior to May 1996 this was a valid ETDE descriptor.)

- USE pion-neutron interactions
- USE pion-proton interactions

PION DOSIMETRY

- BT1 dosimetry
- RT pion detection

pion-exchange model

- USE ope model

pion generator for medical irradiations

INIS: 1993-11-09; ETDE: 1981-05-18
 USE pigmi facilities

PION-HYPERON INTERACTIONS

- *BT1 meson-hyperon interactions

PION-KAON INTERACTIONS

- *BT1 meson-meson interactions

pion minus-deuteron interactions

2000-04-12
 (From February 1975 till May 1996 PION-DEUTERON INTERACTIONS was used for this concept in ETDE.)
 USE pion minus-neutron interactions
 USE pion minus-proton interactions

PION MINUS-NEUTRON INTERACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09
 UF pion minus-deuteron interactions
 *BT1 pion-neutron interactions

PION MINUS-PROTON INTERACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09

UF pion minus-deuteron interactions
*BT1 pion-proton interactions

PION MINUS REACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09

*BT1 pion reactions

PION-NEUTRON INTERACTIONS

(From February 1975 till May 1996 PION-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

UF pion-deuteron interactions
*BT1 pion-nucleon interactions
NT1 pion minus-neutron interactions
NT1 pion plus-neutron interactions

PION-NUCLEON INTERACTIONS

*BT1 meson-nucleon interactions
NT1 pion-neutron interactions
NT2 pion minus-neutron interactions
NT2 pion plus-neutron interactions
NT1 pion-proton interactions
NT2 pion minus-proton interactions
NT2 pion plus-proton interactions

PION-PION INTERACTIONS

*BT1 meson-meson interactions

pion plus-deuteron interactions

2000-04-12

(From February 1975 till May 1996 PION-DEUTERON INTERACTIONS was used for this concept in ETDE.)

USE pion plus-neutron interactions
USE pion plus-proton interactions

PION PLUS-NEUTRON INTERACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09

UF pion plus-deuteron interactions
*BT1 pion-neutron interactions

PION PLUS-PROTON INTERACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09

UF pion plus-deuteron interactions
*BT1 pion-proton interactions

PION PLUS REACTIONS

INIS: 1977-01-25; ETDE: 1976-07-09

*BT1 pion reactions

PION-PROTON INTERACTIONS

(From February 1975 till May 1996 PION-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

UF pion-deuteron interactions
*BT1 pion-nucleon interactions
NT1 pion minus-proton interactions
NT1 pion plus-proton interactions

PION REACTIONS

*BT1 meson reactions
NT1 pion minus reactions
NT1 pion plus reactions

PIONEER SPACE PROBES

*BT1 space vehicles

PIONIC ATOMS

*BT1 mesic atoms
RT pionium

PIONIUM

1985-11-19

Bound state of pions plus and pions minus.

RT bound state
RT kaonium
RT muonium
RT pionic atoms

RT pions minus
RT pions plus

PIONIZATION

*BT1 multiple production
RT cluster emission model

PIONS

UF muon-pion interactions
*BT1 pseudoscalar mesons
NT1 cosmic pions
NT1 pions minus
NT1 pions neutral
NT1 pions plus
RT abc effect
RT goldberger-treiman relation
RT pi-k atoms
RT pi-mu atoms
RT pion condensation

PIONS MINUS

*BT1 pions
RT pionium

PIONS NEUTRAL

*BT1 pions
RT primakoff effect

PIONS PLUS

*BT1 pions
RT pionium

PIPE FITTINGS

RT expansion joints
RT nozzles
RT orifices
RT pipelines
RT pipes
RT plumbing
RT pressure vessels
RT restraints
RT seals
RT valves
RT water faucets

PIPE JOINTS

BT1 joints
RT expansion joints
RT plumbing

pipe restraints

INIS: 1981-02-27; ETDE: 1981-03-16

USE restraints

PIPE WHIP

INIS: 1984-01-18; ETDE: 1991-03-08

Large amplitude mechanical motion of a pipe due to changes in the flow of the fluid in the pipe.

RT dynamic loads
RT pipes
RT steam lines

pipeline quality gas

2000-04-12

USE high btu gas

PIPELINES

(From April 1978 to February 1997 FREIGHT PIPELINES was a valid ETDE descriptor.)

UF freight pipelines
SF energy transport
SF transport (energy)
NT1 alaska gas pipeline
NT1 alaska oil pipeline
NT1 arctic gas pipelines
NT1 slurry pipelines
NT1 steam lines
RT gas hydrates
RT hydraulic transport
RT natural gas distribution systems
RT pipe fittings

RT pipes
RT pneumatic transport
RT polar gas project
RT positioning
RT rights-of-way
RT scrapers
RT transport

PIPERAZINES

*BT1 pyrazines
RT amines

PIPERIDINES

UF hexahydropyridines
UF pentamethyleneimines
UF tmpn
*BT1 amines
*BT1 pyridines
NT1 dipyridamole
NT1 pethidine
NT1 triacetoneamine-n-oxy

PIPES

UF tubes (conduits)
BT1 tubes
NT1 drill pipes
NT1 marine risers
NT1 penstocks
RT borescopes
RT cylinders
RT diffusers
RT ducts
RT heat pipes
RT pipe fittings
RT pipe whip
RT pipelines
RT plumbing
RT restraints
RT scrapers
RT well casings

PIPPARD THEORY

RT superconductivity

piqua nuclear power facility

USE pnpf reactor

piqua organic moderated reactor

USE pnpf reactor

PIRAN GAGES

*BT1 hot-wire gages
*BT1 vacuum gages

pircon-peck process

INIS: 2000-04-12; ETDE: 1980-11-08

Desulfurization process which uses 'activated' phosphate rock, ammonia, and sulfur dioxide from flue gas to produce ammoniated phosphate fertilizers.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

PIS SOLAR CELLS

INIS: 2000-04-12; ETDE: 1981-07-18

UF polymer-insulator-semiconductor solar cells
*BT1 solar cells
RT organic solar cells

PISTON EFFECT

2011-01-25

Forced air flow inside a tunnel caused by a moving vehicle.

BT1 mass transfer
RT compressed air
RT trains
RT tunnels

PISTONS

INIS: 1993-07-23; ETDE: 1976-01-07

- BT1 machine parts
- RT internal combustion engines

PISUM

- UF pea plant
- *BT1 leguminosae
- RT peas

pitch (reactor parameters)

- USE reactor lattice parameters

pitch angle

- USE inclination

PITCHBLEND

- *BT1 uraninites

PITCHES

The residues from the destructive distillation of tars.

- *BT1 other organic compounds
- RT tar

PITOT TUBES

- RT flowmeters

pits

INIS: 2000-04-12; ETDE: 1983-03-23

Photo-induced transient spectroscopy.

(Prior to March 1997 PHOTO-INDUCED TRANSIENT SPECTROSCOPY was used for this concept in ETDE.)

- USE spectroscopy

PITTING CORROSION

- *BT1 corrosion
- RT cathodic protection

pittsburg-midway solvent refined coal process

2000-04-12

- USE src process

PITTSBURGH

INIS: 1992-07-22; ETDE: 1976-09-14

- *BT1 pennsylvania
- BT1 urban areas

PITTSBURGH ENERGY TECHNOLOGY CENTER

INIS: 1995-02-16; ETDE: 1979-03-29

- *BT1 us doe

pittsburgh oxydesulfurization process

INIS: 2000-04-12; ETDE: 1978-10-23

The process, under development at the Pittsburgh Energy Technology Center, removes inorganic and organic sulfur from coal by bubbling air through a pulverized coal and water mixture at high temperature and pressure.

(Prior to March 1994, this was a valid ETDE descriptor.)

- USE desulfurization

PITUITARY GLAND

- UF hypophysis
- *BT1 endocrine glands
- RT acromegaly
- RT cushing syndrome
- RT homeostasis
- RT hypophysectomy
- RT hypothalamus
- RT lactogens
- RT pituitary hormones

PITUITARY HORMONES

- *BT1 peptide hormones
- NT1 acth
- NT1 gonadotropins

- NT2 fsh
- NT2 hcg
- NT2 lth
- NT2 luteinizing hormone
- NT1 liberins
- NT2 lh-rh
- NT1 oxytocin
- NT1 sth
- NT1 tsh
- NT1 vasopressin
- RT hypophysectomy
- RT pituitary gland

PIVALIC ACID

- UF dimethylpropionic acid
- UF trimethylacetic acid
- *BT1 monocarboxylic acids

PIXE ANALYSIS

INIS: 1980-09-12; ETDE: 1980-10-07

(Prior to October 1980, this concept in ETDE was indexed to X-RAY EMISSION ANALYSIS.)

- UF proton-induced x-ray emission analysis
- *BT1 x-ray emission analysis

PL-1 LANGUAGE

- BT1 programming languages

pl-11 language

1996-07-23

(Until July 1996 this was a valid descriptor.)

- USE programming languages

PLACENTA

- *BT1 fetal membranes
- RT hpl
- RT lactogens
- RT pregnancy

PLACERS

- BT1 geologic deposits
- RT alluvial deposits

PLACZEC FUNCTION

- UF bethe-placzec model
- BT1 functions
- RT neutron slowing-down theory

PLAGES

- *BT1 solar activity
- RT chromosphere
- RT faculae

plagioclase

INIS: 2000-04-12; ETDE: 1976-03-31

- USE anorthosites

plagioclaseite

INIS: 2000-04-12; ETDE: 1976-03-31

- USE anorthosites

PLAICE

- *BT1 fishes
- RT food chains
- RT seafood

plainsboro irl pool type reactor

- USE irl reactor

PLANARIA

- *BT1 turbellaria

PLANCK LAW

- RT quantum mechanics

PLANCK RADIATION FORMULA

- RT blackbody radiation
- RT thermodynamics

plane-wave born approximation

- USE born approximation

PLANET-SYSTEM ACCRETION

- UF accretion (planet-system)
- RT cosmological models
- RT galactic evolution
- RT solar system evolution
- RT star accretion

PLANETARY ATMOSPHERES

Excludes the concept covered by EARTH ATMOSPHERE.

- BT1 atmospheres
- NT1 planetary ionospheres
- NT1 planetary magnetospheres

planetary evolution

INIS: 1976-02-11; ETDE: 1975-11-28

When appropriate, see also PLANETS or descriptors for specific planets.

- USE solar system evolution

PLANETARY IONOSPHERES

INIS: 1978-09-28; ETDE: 1978-10-20

Excludes the Earth's ionosphere for which use IONOSPHERE.

- *BT1 planetary atmospheres

PLANETARY MAGNETOSPHERES

INIS: 1976-07-30; ETDE: 1976-11-01

Excludes the Earth's magnetosphere.

- UF magnetospheres (planetary)
- *BT1 planetary atmospheres
- RT earth magnetosphere

PLANETARY NEBULAE

- BT1 nebulae
- RT stars

PLANETS

- NT1 earth planet
- NT2 northern hemisphere
- NT2 southern hemisphere
- NT1 jupiter planet
- NT1 mars planet
- NT1 mercury planet
- NT1 neptune planet
- NT1 pluto planet
- NT1 saturn planet
- NT1 uranus planet
- NT1 venus planet
- RT asteroids
- RT protoplanets
- RT solar system

PLANKTON

Aquatic organisms that drift or swim weakly.

- BT1 aquatic organisms
- NT1 ichthyoplankton
- NT1 phytoplankton
- NT1 zooplankton
- RT bacteria
- RT biological materials
- RT biomass
- RT daphnia
- RT protozoa
- RT surface waters
- RT unicellular algae

planned communities

INIS: 2000-04-12; ETDE: 1977-09-19

(Prior to March 1997 this was a valid ETDE descriptor.)

- SEE communities
- SEE urban areas

PLANNING

1996-05-06

Projected design of plants or equipment as well as projected human efforts.

- NT1 experiment planning
- NT1 reactor planning
- RT advisory committees

RT allocations
 RT cancellation
 RT computer-aided design
 RT construction
 RT coordinated research programs
 RT decision making
 RT decision tree analysis
 RT delphi method
 RT demonstration programs
 RT design
 RT emergency plans
 RT energy policy
 RT environmental policy
 RT fault tree analysis
 RT feasibility studies
 RT forecasting
 RT government policies
 RT implementation
 RT optimization
 RT organizational models
 RT organizing
 RT pert method
 RT production
 RT regional cooperation
 RT research programs
 RT schedules
 RT site selection

PLANT BREEDING

RT adventitious bud technique
 RT disease resistance
 RT drought resistance
 RT irradiation
 RT morphological changes
 RT mutagens
 RT mutants
 RT mutations
 RT plant growth
 RT productivity
 RT progeny
 RT radiation induced mutants
 RT reproduction
 RT silviculture

PLANT CELLS

UF cell growth (plant)
 UF cells (plant)
 UF protoplasts
 RT cell constituents
 RT cell cultures
 RT cell flow systems
 RT cell wall
 RT chloroplasts
 RT clone cells
 RT cytology
 RT delignification
 RT in vivo

PLANT CONDENSATES

INIS: 2000-04-12; ETDE: 1979-12-10

Natural gas plant liquids, mostly pentanes and heavier, separated and recovered as liquids at gas inlet separators or scrubbers in natural gas processing plants.

*BT1 natural gas liquids

RT liquefied petroleum gases

plant cultivation

INIS: 1981-08-31; ETDE: 1981-09-22

USE cultivation techniques

PLANT DISEASES

RT chlorosis
 RT disease incidence
 RT disease resistance
 RT mildew
 RT parasites
 RT tobacco mosaic virus

plant fossils

INIS: 1980-09-12; ETDE: 1980-10-07

USE fossils

PLANT GROWTH

BT1 growth
 RT carbon dioxide fixation
 RT drought resistance
 RT hydroponic culture
 RT kinetin
 RT nitrogen fixation
 RT plant breeding
 RT plants
 RT sprouting

PLANT GROWTH REGULATORS

NT1 abscisic acid
 NT1 auxins
 RT kinetin

PLANT SAP

INIS: 1993-07-16; ETDE: 1985-06-25

The fluid that circulates in plants.

*BT1 biological materials
 RT nutrients
 RT plants
 RT translocation
 RT transpiration

PLANT STEMS

UF stem (plant)
 RT bark
 RT plants
 RT straw

PLANT TISSUES

1996-03-12

SF tissues
 NT1 bark
 NT1 endosperm
 NT1 meristems
 NT1 mycelium
 RT animal tissues
 RT chlorosis

plantations (biomass)

2013-04-29

USE biomass plantations

PLANTS

1996-04-16

UF vegetation
 NT1 algae
 NT2 chlorophycota
 NT3 acetabularia
 NT3 chlamydomonas
 NT3 chlorella
 NT3 nitella
 NT3 scenedesmus
 NT2 chromophycota
 NT3 diatoms
 NT3 fucus
 NT3 laminaria
 NT2 lichens
 NT2 rhodophycota
 NT3 porphyra
 NT2 ulva
 NT2 unicellular algae
 NT3 chlamydomonas
 NT3 chlorella
 NT3 euglena
 NT3 scenedesmus
 NT1 bryophyta
 NT2 mosses
 NT1 c4 species
 NT1 calvin cycle species
 NT1 euglenophycota
 NT2 euglena
 NT1 ferns
 NT1 forage
 NT1 fungi

NT2 eumycota
 NT3 aspergillus
 NT3 fusarium
 NT3 lichens
 NT3 mildew
 NT3 neurospora
 NT3 penicillium
 NT3 phanerochaete
 NT3 rhizopus
 NT3 trichoderma
 NT4 trichoderma viride
 NT3 ustilago
 NT3 yeasts
 NT4 candida
 NT4 saccharomyces
 NT5 saccharomyces cerevisiae
 NT4 torula
 NT2 mushrooms
 NT2 myxomycetes
 NT2 physarum
 NT2 polyporus versicolor
 NT1 herbs
 NT2 marihuana
 NT2 meadow foam
 NT1 magnoliophyta
 NT2 liliopsida
 NT3 allium sativum
 NT3 aloe
 NT3 banana plants
 NT3 buckwheat
 NT3 cattails
 NT3 coconut palms
 NT3 gramineae
 NT4 bamboo
 NT4 cereals
 NT5 barley
 NT5 maize
 NT5 millet
 NT5 oats
 NT5 rice
 NT5 rye
 NT5 sorghum
 NT5 wheat
 NT4 reeds
 NT5 sugar cane
 NT4 switchgrass
 NT3 lilium
 NT3 oil palms
 NT3 onions
 NT4 allium cepa
 NT3 tradescantia
 NT3 water hyacinths
 NT2 magnoliopsida
 NT3 arabidopsis
 NT3 beech trees
 NT3 beets
 NT4 sugar beets
 NT3 birches
 NT3 brassica
 NT4 kale
 NT3 buffalo gourd
 NT3 cacao trees
 NT3 cacti
 NT3 capsicum
 NT3 carnations
 NT3 carrots
 NT3 cassava
 NT3 chenopodiaceae
 NT3 chestnut trees
 NT3 citrus
 NT3 coffee plants
 NT3 corchorus
 NT4 jute
 NT3 cotton plants
 NT3 crepis
 NT3 cucumbers
 NT3 digitalis
 NT3 eucalyptuses
 NT3 euphorbia

NT4 castor
 NT4 milkweed
 NT4 rubber trees
 NT5 guayule
 NT5 hevea
 NT3 flax plants
 NT3 jatropa
 NT3 jojoba
 NT3 leguminosae
 NT4 alfalfa
 NT4 clover
 NT4 glycine hispida
 NT4 lens culinaris
 NT4 locust trees
 NT4 mesquite
 NT4 phaseolus
 NT4 pisum
 NT4 vicia
 NT4 vigna
 NT3 lettuce
 NT3 mangroves
 NT3 maples
 NT3 marihuana
 NT3 meadow foam
 NT3 nicotiana
 NT3 oaks
 NT3 olive trees
 NT3 papaver somniferum
 NT3 pecan trees
 NT3 poplars
 NT4 aspens
 NT4 cottonwoods
 NT3 radishes
 NT3 ranunculaceae
 NT3 rosaceae
 NT4 strawberries
 NT3 sesamum indicum
 NT3 solanum
 NT4 solanum tuberosum
 NT3 spinach
 NT3 sunflowers
 NT3 sweet gums
 NT3 sycamores
 NT3 tea plants
 NT3 willows
 NT3 yams
 NT1 medicinal plants
 NT2 aloe
 NT2 castor
 NT2 digitalis
 NT2 papaver somniferum
 NT1 ornamental plants
 NT1 phytoplankton
 NT1 pinophyta
 NT2 conifers
 NT3 cedars
 NT3 firs
 NT3 hemlocks
 NT3 larches
 NT3 pines
 NT3 spruces
 NT1 preferred species
 NT1 seaweeds
 NT2 fucus
 NT2 laminaria
 NT1 shrubs
 NT2 jatropa
 NT2 jojoba
 NT1 transgenic plants
 NT1 trees
 NT2 beech trees
 NT2 birches
 NT2 cacao trees
 NT2 cedars
 NT2 chestnut trees
 NT2 coconut palms
 NT2 deciduous trees
 NT2 eucalyptuses
 NT2 firs

NT2 fruit trees
 NT2 locust trees
 NT2 mangroves
 NT2 maples
 NT2 mesquite
 NT2 oaks
 NT2 oil palms
 NT2 olive trees
 NT2 pecan trees
 NT2 pines
 NT2 poplars
 NT3 aspens
 NT3 cottonwoods
 NT2 rubber trees
 NT3 guayule
 NT3 hevea
 NT2 spruces
 NT2 sweet gums
 NT2 sycamores
 NT2 willows
 NT1 vegetables
 NT2 beans
 NT3 mungbeans
 NT2 beets
 NT3 sugar beets
 NT2 brassica
 NT3 kale
 NT2 carrots
 NT2 cucumbers
 NT2 garlic
 NT2 lettuce
 NT2 onions
 NT3 allium cepa
 NT2 peas
 NT2 peppers
 NT2 potatoes
 NT2 radishes
 NT2 soybeans
 NT2 spinach
 NT2 yams
 NT1 weeds
 RT agriculture
 RT alkaloids
 RT aquatic organisms
 RT biological extinction
 RT biological materials
 RT biology
 RT biomass
 RT botany
 RT buds
 RT bulbs
 RT canopies
 RT chlorophyll
 RT endangered species
 RT essential oils
 RT fertilizers
 RT flowers
 RT fruits
 RT ground cover
 RT interception
 RT leaves
 RT plant growth
 RT plant sap
 RT plant stems
 RT rangelands
 RT renewable energy sources
 RT revegetation
 RT roots
 RT seedlings
 RT seeds
 RT soils
 RT species diversity
 RT sprouting
 RT stomata
 RT symbiosis
 RT throughfall
 RT translocation
 RT transpiration
 RT tubers

RT vegetative propagation

plants (industrial)

USE industrial plants

plants (pilot)

USE pilot plants

plants (power)

USE power plants

PLAQUE FORMATION

INIS: 1978-04-21; ETDE: 1978-07-06

RT bacteriophages

RT bioassay

RT clone cells

RT viruses

PLASMA

NT1 ambiplasma
 NT1 cold plasma
 NT1 collisional plasma
 NT1 collisionless plasma
 NT1 dusty plasma
 NT1 equilibrium plasma
 NT1 fissioning plasma
 NT1 high-beta plasma
 NT1 homogeneous plasma
 NT1 hot plasma
 NT1 inhomogeneous plasma
 NT1 laser-produced plasma
 NT1 low-beta plasma
 NT1 medium-beta plasma
 NT1 non-equilibrium plasma
 NT1 optically thick plasma
 NT1 optically thin plasma
 NT1 quantum plasma
 NT1 quiescent plasma
 NT1 relativistic plasma
 NT1 rotating plasma
 NT1 solid-state plasma
 NT2 electron-hole droplets
 NT1 warm dense matter
 RT aspect ratio
 RT beam-plasma systems
 RT bohm criterion
 RT boltzmann-vlasov equation
 RT bootstrap current
 RT breakeven
 RT compact torus
 RT distribution functions
 RT electric arcs
 RT gas blankets
 RT grad-shafranov equation
 RT guiding-center approximation
 RT holtsmark theory
 RT impurities
 RT ionic composition
 RT ionized gases
 RT kinetic equations
 RT langmuir frequency
 RT loss cone
 RT magnetic field configurations
 RT magnetic field ripples
 RT magnetic islands
 RT magnetohydrodynamics
 RT mass balance
 RT neoclassical transport theory
 RT non-inductive current drive
 RT pinch effect
 RT plasma acceleration
 RT plasma confinement
 RT plasma density
 RT plasma diagnostics
 RT plasma diamagnetism
 RT plasma drift
 RT plasma eaters
 RT plasma expansion
 RT plasma filament
 RT plasma focus

RT plasma heating
 RT plasma impurities
 RT plasma instability
 RT plasma production
 RT plasma radial profiles
 RT plasma rings
 RT plasma scrape-off layer
 RT plasma simulation
 RT plasma waves
 RT plasmoids
 RT sawtooth oscillations
 RT solar wind
 RT spitzer theory
 RT voigt effect
 RT wall effects

plasma (blood)

USE blood plasma

plasma (quark)

INIS: 2000-04-12; ETDE: 1983-09-15

USE quark matter

PLASMA ACCELERATION

BT1 acceleration
 RT plasma
 RT plasma guns
 RT plasma jets

plasma accelerators

USE plasma guns

PLASMA ARC SPRAYING

BT1 plasma technology
 *BT1 spray coating

PLASMA ARC WELDING

*BT1 arc welding
 BT1 plasma technology

PLASMA BEAM INJECTION

BT1 beam injection

PLASMA BETATRONS

UF budker accelerators
 *BT1 collective accelerators
 RT betatrons

PLASMA CELLS

UF plasmocytes
 *BT1 connective tissue cells
 RT bone marrow
 RT lymphocytes

PLASMA CENTRIFUGES

INIS: 1985-07-23; ETDE: 1989-09-15

UF vacuum arc centrifuges
 *BT1 centrifuges
 RT isotope separation

PLASMA CHEMISTRY

2018-11-28

Plasma chemistry is a branch of physical chemistry that studies chemical and physical processes and reactions in low-temperature plasma as well as the basics of plasma chemical technology.

*BT1 physical chemistry
 RT plasma technology

plasma clearance

USE blood-plasma clearance

PLASMA CONFINEMENT

1996-04-16

(Prior to January 1983 this concept was indexed by CONFINEMENT.)

BT1 confinement
 NT1 inertial confinement
 NT1 magnetic confinement
 NT2 h-mode plasma confinement
 NT2 l-mode plasma confinement
 RT confinement time

RT gas blankets
 RT limiters
 RT magnetic surfaces
 RT marfe
 RT mass balance
 RT particle losses
 RT plasma
 RT plasma disruption
 RT plateau regime
 RT sawtooth oscillations
 RT thermal barriers
 RT tritium recovery

PLASMA CORE ASSEMBLY

INIS: 1977-04-07; ETDE: 1975-08-19
 LANL, Los Alamos, New Mexico, USA. Shut down in 1987.

UF lasl cold critical assembly
 UF pca-lasl facility
 *BT1 gas fueled reactors
 *BT1 zero power reactors

plasma currents

ETDE: 2002-04-26

USE electric currents

PLASMA DENSITY

UF density (plasma)
 RT debye length
 RT lawson criterion
 RT plasma
 RT plasma expansion
 RT plasma focus

PLASMA DIAGNOSTICS

UF diagnostics (fusion)
 RT limiters
 RT neutral particle analyzers
 RT plasma
 RT plasma eaters
 RT sonic probes

PLASMA DIAMAGNETISM

*BT1 diamagnetism
 RT plasma

plasma diodes

USE thermionic diodes

PLASMA DISRUPTION

1983-09-06

RT confinement time
 RT nonlinear problems
 RT particle losses
 RT plasma confinement
 RT plasma macroinstabilities
 RT sawtooth oscillations
 RT tearing instability
 RT tokamak devices

PLASMA DRIFT

UF drift (plasma)
 RT ambipolar diffusion
 RT drift instability
 RT plasma
 RT plasma expansion
 RT plasma fluid equations

PLASMA EATERS

*BT1 electric probes
 *BT1 flowmeters
 RT electron density
 RT flow rate
 RT plasma
 RT plasma diagnostics

plasma erosion opening switches

INIS: 1993-11-09; ETDE: 2002-04-26

USE plasma switches

PLASMA EXPANSION

BT1 expansion

RT plasma
 RT plasma density
 RT plasma drift
 RT plasma instability

PLASMA FILAMENT

UF filament (plasma)
 RT pinch effect
 RT plasma
 RT plasma focus
 RT plasma jets

PLASMA FLUID EQUATIONS

INIS: 1988-11-16; ETDE: 1988-12-05

UF fluid equations (plasma)
 *BT1 boltzmann-vlasov equation
 RT magnetohydrodynamics
 RT moments method
 RT plasma drift
 RT plasma simulation

PLASMA FOCUS

RT pinch effect
 RT plasma
 RT plasma density
 RT plasma filament
 RT plasma focus devices
 RT plasma guns

PLASMA FOCUS DEVICES

1999-07-26

*BT1 open plasma devices
 NT1 pf-1000 device
 NT1 pf-3 device
 RT plasma focus

plasma frequency

USE langmuir frequency

PLASMA FURNACES

BT1 furnaces
 RT arc furnaces
 RT plasma technology

PLASMA GUNS

UF guns (plasma)
 UF plasma accelerators
 RT impact fusion drivers
 RT plasma acceleration
 RT plasma focus
 RT plasma jets
 RT plasma rings

PLASMA HEATING

BT1 heating
 NT1 adiabatic compression heating
 NT1 beam injection heating
 NT1 high-frequency heating
 NT2 ecr heating
 NT2 icr heating
 NT2 lower hybrid heating
 NT2 magnetic-pumping heating
 NT3 acoustic heating
 NT3 collisional heating
 NT3 transit-time magnetic pumping
 NT1 joule heating
 NT2 current-drive heating
 NT1 laser-radiation heating
 NT1 shock heating
 NT1 turbulent heating
 RT bernstein mode
 RT microwave heating
 RT mode conversion
 RT plasma
 RT plasma potential
 RT plasma production
 RT thermonuclear devices

PLASMA IMPURITIES

INIS: 1995-07-03; ETDE: 1990-05-16

BT1 impurities
 RT divertors

RT limiters
 RT particle influx
 RT plasma
 RT plasma scrape-off layer
 RT wall effects

PLASMA INSTABILITY

BT1 instability
 NT1 absolute instabilities
 NT1 convective instabilities
 NT1 decay instability
 NT1 explosive instability
 NT1 gravitational instability
 NT1 plasma macroinstabilities
 NT2 ballooning instability
 NT2 edge localized modes
 NT2 fishbone instability
 NT2 flute instability
 NT2 helical instability
 NT2 helmholtz instability
 NT2 kink instability
 NT2 parametric instabilities
 NT2 sausage instability
 NT2 tearing instability
 NT2 tilting instability
 NT2 trapped-particle instability
 NT2 whistler instability
 NT1 plasma microinstabilities
 NT2 bump-in-tail instability
 NT2 cyclotron instability
 NT2 drift instability
 NT2 hose instability
 NT2 ion wave instability
 NT2 loss cone instability
 NT2 negative mass instability
 NT2 two-stream instability
 RT dispersion relations
 RT instability growth rates
 RT marfe
 RT mercier criterion
 RT mhd equilibrium
 RT negative mass effect
 RT nonlinear problems
 RT plasma
 RT plasma expansion
 RT suydam criterion

PLASMA ION SOURCES

2018-02-26
 BT1 ion sources
 NT1 arc-discharge ion sources
 NT2 vacuum-arc ion sources
 NT3 mevva ion sources
 NT1 glow-discharge ion sources
 NT1 magnetron ion sources
 NT1 microwave ion sources
 NT1 multi-cusp ion sources
 NT1 penning ion sources
 NT1 plasmatron ion sources
 NT2 duoplasmatrons
 NT2 triplasmatrons
 NT1 rf ion sources
 RT plasma technology

PLASMA JETS

RT plasma acceleration
 RT plasma filament
 RT plasma guns

plasma lens

INIS: 1984-04-04; ETDE: 2002-04-26
 USE electromagnetic lenses

PLASMA MACROINSTABILITIES

UF mhd instabilities (plasma)
 *BT1 plasma instability
 NT1 ballooning instability
 NT1 edge localized modes
 NT1 fishbone instability
 NT1 flute instability
 NT1 helical instability

NT1 helmholtz instability
 NT1 kink instability
 NT1 parametric instabilities
 NT1 sausage instability
 NT1 tearing instability
 NT1 tilting instability
 NT1 trapped-particle instability
 NT1 whistler instability
 RT decay instability
 RT plasma disruption
 RT rayleigh-taylor instability

PLASMA MICROINSTABILITIES

*BT1 plasma instability
 NT1 bump-in-tail instability
 NT1 cyclotron instability
 NT1 drift instability
 NT1 hose instability
 NT1 ion wave instability
 NT1 loss cone instability
 NT1 negative mass instability
 NT1 two-stream instability
 RT decay instability

plasma opening switches

INIS: 1986-01-21; ETDE: 2002-06-13
 USE plasma switches

plasma oscillations

USE plasma waves

PLASMA POTENTIAL

INIS: 1988-11-16; ETDE: 1988-12-05
 The electrostatic potential of a plasma along a magnetic field line.

BT1 electric potential
 RT charge exchange
 RT magnetic mirror configurations
 RT magnetic mirrors
 RT plasma heating

PLASMA PRESSURE

UF pressure (plasma)
 RT beta ratio

PLASMA PRODUCTION

UF production (plasma)
 RT high-frequency discharges
 RT ionization
 RT laser-produced plasma
 RT plasma
 RT plasma heating
 RT thermonuclear devices

PLASMA RADIAL PROFILES

INIS: 1989-09-14; ETDE: 1989-10-16
 UF radial profiles (plasma)
 RT magnetic flux coordinates
 RT magnetic surfaces
 RT plasma
 RT spatial distribution
 RT stellarators
 RT tokamak devices

PLASMA RINGS

INIS: 1984-02-22; ETDE: 1984-03-06
 RT compact torus
 RT plasma
 RT plasma guns

PLASMA SCRAPE-OFF LAYER

1983-09-06
 *BT1 boundary layers
 RT plasma
 RT plasma impurities

PLASMA SEEDING

1976-10-29
 Restricted to MHD.
 UF seeding (plasma)
 RT ionization
 RT ionization potential

RT mhd channels
 RT mhd generators
 RT seed recovery
 RT seed-slag interactions
 RT spent seed

PLASMA SHEATH

RT boundary layers
 RT marfe
 RT reentry

PLASMA SHEET

1999-04-28
 *BT1 earth magnetosphere
 RT magnetotail

PLASMA SIMULATION

UF models (plasma)
 BT1 simulation
 RT functional models
 RT plasma
 RT plasma fluid equations

plasma substitutes

INIS: 2000-04-12; ETDE: 1981-04-20
 USE blood substitutes

PLASMA SURFACE WAVES

2001-01-08
 UF surface waves (plasma)
 BT1 plasma waves
 RT boundary layers
 RT hydromagnetic waves
 RT wave propagation

PLASMA SWITCHES

INIS: 1986-01-21; ETDE: 1983-04-28
 Switches employing a current-conducting plasma for operation.
 UF peos
 UF plasma erosion opening switches
 UF plasma opening switches
 UF reflex switches
 *BT1 switches
 RT plasma technology
 RT pulse generators
 RT pulse techniques

PLASMA TECHNOLOGY

2018-11-28
 NT1 plasma arc spraying
 NT1 plasma arc welding
 RT electric discharges
 RT plasma chemistry
 RT plasma furnaces
 RT plasma ion sources
 RT plasma switches
 RT plasmatrons
 RT surface finishing

plasma temperature

INIS: 1984-04-04; ETDE: 2002-04-26
 USE electron temperature
 USE ion temperature

plasma-wall interactions

INIS: 1984-04-04; ETDE: 2002-04-26
 USE wall effects

PLASMA WAVES

UF electrostatic waves
 UF langmuir oscillations
 UF oscillations (plasma)
 UF plasma oscillations
 SF tonks-dattner resonance
 NT1 electron plasma waves
 NT1 ion waves
 NT2 ion acoustic waves
 NT2 ion plasma waves
 NT1 plasma surface waves
 RT alfvén waves
 RT beat wave accelerators

RT decay instability
 RT dispersion relations
 RT frequency mixing
 RT harmonics
 RT hydromagnetic waves
 RT landau damping
 RT normal-mode analysis
 RT oscillation modes
 RT plasma
 RT plasmons
 RT tonks-langmuir theory
 RT wakefield accelerators
 RT whistler instability

PLASMAPAUSE

1999-04-28

*BT1 earth magnetosphere
 RT boundary layers
 RT international magnetospheric study
 RT loss cone
 RT magnetotail
 RT plasmasphere

PLASMASPHERE

1999-04-28

*BT1 earth magnetosphere
 RT international magnetospheric study
 RT magnetotail
 RT plasmapause

PLASMATRON ION SOURCES

2018-02-26

*BT1 plasma ion sources
 NT1 duoplasmatrons
 NT1 triplasmatrons

PLASMATRONS

BT1 electron tubes
 RT plasma technology

PLASMIDS

INIS: 1997-06-17; ETDE: 1977-12-22

UF paragenes
 BT1 cell constituents
 RT cytoplasm
 RT genes
 RT genetics
 RT transposons

plasmin

INIS: 1993-08-26; ETDE: 1981-01-12

USE fibrinolysin

PLASMINOGEN

INIS: 1984-05-24; ETDE: 1981-04-20

*BT1 blood coagulation factors
 *BT1 fibrinolytic agents

plasmocytes

USE plasma cells

PLASMODIUM

*BT1 sporozoa
 RT malaria

PLASMOIDS

RT plasma

PLASMONS

BT1 quasi particles
 RT plasma waves
 RT solid-state plasma

plaster of paris

USE gypsum cements

PLASTIC FOAMS

*BT1 foams
 *BT1 organic polymers

plastic properties

USE plasticity

plastic scintillation counters

USE plastic scintillation detectors

PLASTIC SCINTILLATION DETECTORS

UF plastic scintillation counters
 *BT1 solid scintillation detectors
 RT plastic scintillators

PLASTIC SCINTILLATORS

BT1 phosphors
 RT anthracene
 RT plastic scintillation detectors
 RT terphenyls

PLASTIC SURGERY

*BT1 surgery
 RT transplants

PLASTICITY

UF plastic properties
 BT1 mechanical properties
 RT creep
 RT deformation
 RT ductility
 RT flow stress
 RT thixotropy

PLASTICIZERS

A chemical such as castor oil or linseed oil added to rubbers, resins, or other material to impart flexibility, workability, or stretchability.

RT linseed oil
 RT organic polymers
 RT rubbers

PLASTICS

1996-08-05

(Until July 1994 this concept was indexed by

ORGANIC POLYMERS.)

UF laminac
 *BT1 organic polymers
 *BT1 petrochemicals
 *BT1 synthetic materials
 NT1 aramids
 NT1 bakelite
 NT1 formvar
 NT1 lucite
 NT1 mylar
 NT1 nylon
 NT1 perspex
 NT1 plexiglas
 NT1 polystyrene
 NT1 polyurethanes
 NT2 halthane
 NT1 reinforced plastics
 NT1 tedlar
 NT1 teflon
 NT1 thermoplastics
 RT concrete-plastic composites
 RT plastics industry

PLASTICS INDUSTRY

INIS: 2000-04-12; ETDE: 1978-11-14

BT1 industry
 RT plastics

PLASTOQUINONE

INIS: 2000-04-12; ETDE: 1981-07-18

*BT1 benzoquinones
 RT photosynthesis

PLATE TECTONICS

INIS: 2000-04-12; ETDE: 1976-08-04
Global tectonics based on an earth model characterized by a small number (10-25) of large, broad, thick plates (blocks composed of areas of both continental and oceanic crust and mantle) each of which "floats" on some

viscous underlayer in the mantle and moves more or less independently of the others.

BT1 tectonics
 RT earth crust
 RT gondwana
 RT paleomagnetism
 RT sea-floor spreading
 RT subduction zones

PLATEAU REGIME

INIS: 1982-11-30; ETDE: 1980-04-14

The collision frequency regime characterized by an effective Coulomb scattering rate equal to or greater than the poloidal transit frequency, but a mean free path less than the connection length. In this regime the transport coefficients are independent of collision frequency.

RT neoclassical transport theory
 RT plasma confinement
 RT tokamak devices
 RT trapping

PLATES

Thicker than sheets or foils.

RT foils
 RT prismatic configuration
 RT rectangular configuration
 RT shape
 RT sheets
 RT slabs

plates (fuel)

USE fuel plates

platform mounted nuclear plant

USE offshore nuclear power plants

PLATING

For the process only.

*BT1 surface coating
 NT1 electroplating
 NT1 vapor plating
 RT cladding
 RT rolling

plating solutions

INIS: 1992-04-02; ETDE: 1986-01-24

USE process solutions

PLATINUM

*BT1 platinum metals

PLATINUM 166

2009-04-06

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 microseconds living radioisotopes
 *BT1 platinum isotopes

PLATINUM 167

2009-04-06

*BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 microseconds living radioisotopes
 *BT1 platinum isotopes

PLATINUM 168

INIS: 1986-05-12; ETDE: 1986-07-03

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 platinum isotopes

PLATINUM 169

INIS: 1986-05-12; ETDE: 1986-07-03

*BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei

- *BT1 milliseconds living radioisotopes
- *BT1 platinum isotopes

PLATINUM 170

INIS: 1986-05-12; ETDE: 1984-05-08

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 platinum isotopes

PLATINUM 171

INIS: 1986-05-12; ETDE: 1982-03-10

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 platinum isotopes

PLATINUM 172

INIS: 1985-06-07; ETDE: 1982-03-10

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 platinum isotopes

PLATINUM 173

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 platinum isotopes

PLATINUM 174

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 platinum isotopes

PLATINUM 175

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 platinum isotopes
- *BT1 seconds living radioisotopes

PLATINUM 176

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 platinum isotopes
- *BT1 seconds living radioisotopes

PLATINUM 177

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 platinum isotopes
- *BT1 seconds living radioisotopes

PLATINUM 178

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 platinum isotopes
- *BT1 seconds living radioisotopes

PLATINUM 179

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 platinum isotopes

- *BT1 seconds living radioisotopes

PLATINUM 180

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 platinum isotopes
- *BT1 seconds living radioisotopes

PLATINUM 181

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes
- *BT1 seconds living radioisotopes

PLATINUM 182

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 platinum isotopes

PLATINUM 183

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 platinum isotopes
- *BT1 seconds living radioisotopes

PLATINUM 184

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 platinum isotopes

PLATINUM 185

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 platinum isotopes

PLATINUM 186

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 platinum isotopes

PLATINUM 187

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 platinum isotopes

PLATINUM 188

- *BT1 alpha decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes

PLATINUM 189

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 platinum isotopes

PLATINUM 190

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes
- *BT1 years living radioisotopes

PLATINUM 190 TARGET

INIS: 1979-09-18; ETDE: 1979-10-23
BT1 targets

PLATINUM 191

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes

PLATINUM 192

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes
- *BT1 stable isotopes

PLATINUM 192 TARGET

INIS: 1978-01-13; ETDE: 1977-06-02
BT1 targets

PLATINUM 193

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 platinum isotopes
- *BT1 years living radioisotopes

PLATINUM 194

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes
- *BT1 stable isotopes

PLATINUM 194 TARGET

ETDE: 1976-07-09
BT1 targets

PLATINUM 195

- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 platinum isotopes
- *BT1 stable isotopes

PLATINUM 195 TARGET

ETDE: 1976-07-09
BT1 targets

PLATINUM 196

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes
- *BT1 stable isotopes

PLATINUM 196 TARGET

ETDE: 1976-07-09
BT1 targets

PLATINUM 197

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei

- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 platinum isotopes

PLATINUM 198

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes
- *BT1 stable isotopes

PLATINUM 198 TARGET*ETDE: 1976-07-09*

- BT1 targets

PLATINUM 199

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 platinum isotopes
- *BT1 seconds living radioisotopes

PLATINUM 200

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 platinum isotopes

PLATINUM 201

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 platinum isotopes

PLATINUM 202

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes

PLATINUM 203

- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes

PLATINUM 204

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes

PLATINUM 205

- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes

PLATINUM 206

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes

PLATINUM 207

- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes

PLATINUM 208

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 platinum isotopes

PLATINUM ADDITIONS

Alloys containing not more than 1% Pt are listed here.

- RT platinum alloys

PLATINUM ALLOYS

Alloys containing more than 1% Pt.

- *BT1 platinum metal alloys
- NT1 platinum base alloys
- RT platinum additions

PLATINUM ARSENIDES*INIS: 2000-04-12; ETDE: 1985-08-09*

- *BT1 arsenides
- *BT1 platinum compounds

PLATINUM BASE ALLOYS

- *BT1 platinum alloys

PLATINUM BROMIDES

- *BT1 bromides
- *BT1 platinum halides

PLATINUM CARBIDES

- *BT1 carbides
- *BT1 platinum compounds

PLATINUM CHLORIDES

- *BT1 chlorides
- *BT1 platinum halides

PLATINUM COMPLEXES

- *BT1 transition element complexes

PLATINUM COMPOUNDS*1997-06-19*

- BT1 transition element compounds
- NT1 platinum arsenides
- NT1 platinum carbides
- NT1 platinum halides
- NT2 platinum bromides
- NT2 platinum chlorides
- NT2 platinum fluorides
- NT2 platinum iodides
- NT1 platinum hydrides
- NT1 platinum hydroxides
- NT1 platinum nitrides
- NT1 platinum oxides
- NT1 platinum phosphides
- NT1 platinum silicides
- NT1 platinum sulfates
- NT1 platinum sulfides
- NT1 platinum tellurides

PLATINUM FLUORIDES

- *BT1 fluorides
- *BT1 platinum halides

PLATINUM HALIDES*2012-07-25*

- *BT1 halides
- *BT1 platinum compounds
- NT1 platinum bromides
- NT1 platinum chlorides
- NT1 platinum fluorides
- NT1 platinum iodides

PLATINUM HYDRIDES*1979-11-02*

- *BT1 hydrides
- *BT1 platinum compounds

PLATINUM HYDROXIDES*INIS: 2000-04-12; ETDE: 1979-07-24*

- *BT1 hydroxides
- *BT1 platinum compounds

PLATINUM IODIDES

- *BT1 iodides
- *BT1 platinum halides

PLATINUM IONS

- *BT1 ions

PLATINUM ISOTOPES*1999-07-16*

- BT1 isotopes
- NT1 platinum 166
- NT1 platinum 167
- NT1 platinum 168
- NT1 platinum 169
- NT1 platinum 170
- NT1 platinum 171
- NT1 platinum 172

- NT1 platinum 173
- NT1 platinum 174
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- NT1 platinum 197
- NT1 platinum 198
- NT1 platinum 199
- NT1 platinum 200
- NT1 platinum 201
- NT1 platinum 202
- NT1 platinum 203
- NT1 platinum 204
- NT1 platinum 205
- NT1 platinum 206
- NT1 platinum 207
- NT1 platinum 208

PLATINUM METAL ALLOYS*1995-02-27*

- *BT1 transition element alloys
- NT1 iridium alloys
- NT2 iridium additions
- NT2 iridium base alloys
- NT1 osmium alloys
- NT2 osmium additions
- NT2 osmium base alloys
- NT1 palladium alloys
- NT2 palau
- NT2 palladium base alloys
- NT1 platinum alloys
- NT2 platinum base alloys
- NT1 rhodium alloys
- NT2 rhodium additions
- NT2 rhodium base alloys
- NT1 ruthenium alloys
- NT2 ruthenium additions
- NT2 ruthenium base alloys

PLATINUM METALS

- *BT1 transition elements
- NT1 iridium
- NT1 osmium
- NT1 palladium
- NT1 platinum
- NT1 rhodium
- NT1 ruthenium

PLATINUM NITRIDES*2010-02-24*

- *BT1 nitrides
- *BT1 platinum compounds

PLATINUM OXIDES

- *BT1 oxides
- *BT1 platinum compounds

PLATINUM PHOSPHIDES*INIS: 1991-09-16; ETDE: 1977-03-04*

- *BT1 phosphides
- *BT1 platinum compounds

PLATINUM SILICIDES

INIS: 1978-07-17; ETDE: 1978-08-07

- *BT1 platinum compounds
- *BT1 silicides

PLATINUM SULFATES

INIS: 2000-04-12; ETDE: 1976-06-07

- *BT1 platinum compounds
- *BT1 sulfates

PLATINUM SULFIDES

- *BT1 platinum compounds
- *BT1 sulfides

PLATINUM TELLURIDES

INIS: 1985-12-11; ETDE: 1976-06-07

- *BT1 platinum compounds
- *BT1 tellurides

platr reactor

- USE prr reactor

PLATYHELMINTHS

- UF cercaria
- UF worms (flat)
- SF helminths
- *BT1 invertebrates
- NT1 cestodes
- NT1 trematodes
 - NT2 fasciola
 - NT2 schistosoma
- NT1 turbellaria
 - NT2 planaria

PLBR REACTOR

INIS: 1978-07-03; ETDE: 1977-08-24

USA. Joint ERDA-EPRI design project.

- UF prototype large breeder reactor
- *BT1 lmbr type reactors
- *BT1 power reactors

pleasanton usa ntr reactor

- USE ntr reactor

PLEIADE DEVICE

- *BT1 magnetic mirrors

PLEISTOCENE EPOCH

INIS: 1992-04-14; ETDE: 1977-10-20

- *BT1 quaternary period
- RT geologic history
- RT glaciers

PLEKTONS

2013-10-24

- *BT1 postulated particles
- RT anyons

plesiotherapy

- USE radiotherapy

PLEURA

- *BT1 serous membranes
- RT chest
- RT lungs
- RT mediastinum

PLEXIGLAS

- *BT1 plastics
- *BT1 polyacrylates
- RT pmma

PLIOCENE EPOCH

INIS: 1992-04-14; ETDE: 1977-10-20

- *BT1 tertiary period
- RT geologic history

PLOIDY

- NT1 aneuploidy
- NT1 diploidy
- NT1 haploidy
- NT1 polyploidy
- RT genome mutations

PLOTTERS

- *BT1 computer-graphics devices
- RT computer graphics
- RT display devices

plows (coal)

INIS: 2000-04-12; ETDE: 1979-06-06

- USE coal plows

PLOWSHARE PROJECT

1996-07-23

(The UF terms below that refer to events have been valid ETDE descriptors.)

- UF bronco event
- UF chariot event
- UF hardhat event
- UF project plowshare
- UF sloop event
- NT1 gasbuggy event
- NT1 gnome event
- NT1 rio blanco event
- NT1 sedan event
- RT cratering explosions
- RT nuclear excavation
- RT nuclear explosions
- RT surface explosions
- RT underground explosions

PLT DEVICES

INIS: 1975-10-23; ETDE: 1979-04-11

- UF princeton large torus
- *BT1 tokamak devices

PLUGGING

INIS: 1992-04-14; ETDE: 1977-01-10

- RT cementing
- RT grouting
- RT oil wells
- RT permeability
- RT plugging agents
- RT reservoir rock

PLUGGING AGENTS

INIS: 1992-04-14; ETDE: 1983-03-23

- RT cements
- RT gels
- RT oil wells
- RT plugging
- RT polymers
- RT reservoir rock

plugs

- USE closures

plum brook nasa-tr

- USE pbr reactor

plum brook reactor facility

- USE pbr reactor

PLUMBATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- BT1 lead compounds
- BT1 oxygen compounds
- RT lead oxides

PLUMBBOB PROJECT

- UF boltzmann event
- UF project plumbbob
- *BT1 nuclear explosions
- RT nuclear weapons

PLUMBING

INIS: 2000-04-12; ETDE: 1979-11-07

- RT pipe fittings
- RT pipe joints
- RT pipes
- RT water faucets
- RT water supply

PLUMES

- SF emissions (industrial)
- RT air pollution
- RT emissions tax
- RT gaseous wastes
- RT liquid wastes
- RT smokes
- RT stack disposal
- RT stacks
- RT thermal pollution
- RT waste heat
- RT water pollution

PLUMS

- *BT1 fruits
- RT rosaceae

plunger method

INIS: 1984-01-18; ETDE: 1984-02-10

Method for the determination of lifetimes of nuclear levels.

- USE charge plunger method

plunger pumps

INIS: 2000-04-12; ETDE: 1984-05-10

- USE rod pumps

PLURONICS

- *BT1 detergents
- *BT1 polyethylene glycols

plus-minus ratio

INIS: 2000-04-12; ETDE: 1979-02-05

- USE minus-plus ratio

PLUTO PLANET

- BT1 planets

PLUTO REACTOR

- UF harwell pluto reactor
- *BT1 enriched uranium reactors
- *BT1 heavy water cooled reactors
- *BT1 heavy water moderated reactors
- *BT1 materials testing reactors
- *BT1 tank type reactors
- *BT1 thermal reactors

PLUTONIC ROCKS

INIS: 1985-10-23; ETDE: 1980-08-12

Rocks formed at considerable depth by crystallization of magma or by chemical alteration.

- UF alkali gabbros
- UF intrusion (rock)
- UF intrusive rocks
- UF rock intrusion
- UF sedimentary intrusive rocks
- SF intrusion
- *BT1 igneous rocks
- NT1 diorites
- NT1 gabbros
 - NT2 anorthosites
- NT1 granites
 - NT2 aplites
 - NT2 granodiorites
 - NT2 quartz monzonite
- NT1 pegmatites
- NT1 peridotites
 - NT2 kimberlites
- NT1 syenites
- RT mineralization

PLUTONIUM

1996-01-24

- UF dymac system
- UF dynamic materials accountability system
- *BT1 actinides
- *BT1 transuranium elements
- NT1 plutonium-alpha
- NT1 plutonium-beta

NT1 plutonium-delta
NT1 plutonium-epsilon
NT1 plutonium-gamma
RT nuclear fuels
RT plutonium recycle

PLUTONIUM 228

INIS: 1992-09-23; ETDE: 1979-11-23

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 plutonium isotopes

PLUTONIUM 229

1994-04-11

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-odd nuclei
*BT1 plutonium isotopes
*BT1 seconds living radioisotopes

PLUTONIUM 230

INIS: 1990-12-05; ETDE: 1979-11-23

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 milliseconds living radioisotopes
*BT1 plutonium isotopes

PLUTONIUM 231

*BT1 actinide nuclei
*BT1 even-odd nuclei
*BT1 plutonium isotopes

PLUTONIUM 232

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 minutes living radioisotopes
*BT1 plutonium isotopes

PLUTONIUM 233

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 minutes living radioisotopes
*BT1 plutonium isotopes

PLUTONIUM 234

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 hours living radioisotopes
*BT1 plutonium isotopes

PLUTONIUM 235

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 internal conversion radioisotopes
*BT1 minutes living radioisotopes
*BT1 plutonium isotopes
*BT1 spontaneous fission radioisotopes

PLUTONIUM 235 TARGET

ETDE: 1976-08-24

BT1 targets

PLUTONIUM 236

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 magnesium 28 decay radioisotopes
*BT1 plutonium isotopes
*BT1 spontaneous fission radioisotopes
*BT1 years living radioisotopes

PLUTONIUM 236 TARGET

1977-11-02

BT1 targets

PLUTONIUM 237

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 nanoseconds living radioisotopes
*BT1 plutonium isotopes
*BT1 spontaneous fission radioisotopes

PLUTONIUM 237 TARGET

INIS: 1977-01-25; ETDE: 1977-04-13

BT1 targets

PLUTONIUM 238

1997-02-07

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 plutonium isotopes
*BT1 silicon 32 decay radioisotopes
*BT1 spontaneous fission radioisotopes
*BT1 years living radioisotopes

PLUTONIUM 238 TARGET

ETDE: 1976-07-09

BT1 targets

PLUTONIUM 239

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-odd nuclei
*BT1 plutonium isotopes
*BT1 spontaneous fission radioisotopes
*BT1 years living radioisotopes

PLUTONIUM 239 TARGET

ETDE: 1976-07-09

BT1 targets

PLUTONIUM 240

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 plutonium isotopes
*BT1 spontaneous fission radioisotopes
*BT1 years living radioisotopes

PLUTONIUM 240 TARGET

ETDE: 1976-07-09

BT1 targets

PLUTONIUM 241

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 plutonium isotopes
*BT1 spontaneous fission radioisotopes
*BT1 years living radioisotopes

PLUTONIUM 241 TARGET

ETDE: 1976-07-09

BT1 targets

PLUTONIUM 242

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 plutonium isotopes
*BT1 spontaneous fission radioisotopes
*BT1 years living radioisotopes

PLUTONIUM 242 TARGET

ETDE: 1976-07-09

BT1 targets

PLUTONIUM 243

*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 plutonium isotopes
*BT1 spontaneous fission radioisotopes

PLUTONIUM 243 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08

BT1 targets

PLUTONIUM 244

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 plutonium isotopes
*BT1 spontaneous fission radioisotopes
*BT1 years living radioisotopes

PLUTONIUM 244 TARGET

INIS: 1976-07-06; ETDE: 1976-08-24

BT1 targets

PLUTONIUM 245

*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 plutonium isotopes

PLUTONIUM 246

*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-even nuclei
*BT1 plutonium isotopes

PLUTONIUM 247

INIS: 1985-03-15; ETDE: 1983-09-15

*BT1 actinide nuclei
*BT1 days living radioisotopes
*BT1 even-odd nuclei
*BT1 plutonium isotopes

PLUTONIUM 248

*BT1 actinide nuclei
*BT1 even-even nuclei
*BT1 plutonium isotopes

PLUTONIUM 250

*BT1 actinide nuclei
*BT1 even-even nuclei
*BT1 plutonium isotopes

PLUTONIUM ADDITIONS

Alloys containing not more than 1% Pu are listed here.

RT plutonium alloys

PLUTONIUM ALLOYS

Alloys containing more than 1% Pu.

*BT1 actinide alloys
NT1 plutonium base alloys
RT plutonium additions

PLUTONIUM-ALPHA

*BT1 plutonium

PLUTONIUM ARSENIDES

INIS: 1979-02-21; ETDE: 1979-03-28

*BT1 arsenides
*BT1 plutonium compounds

PLUTONIUM BASE ALLOYS

*BT1 plutonium alloys

PLUTONIUM-BETA

*BT1 plutonium

PLUTONIUM BORIDES

*BT1 borides
*BT1 plutonium compounds

PLUTONIUM BROMIDES

1997-01-28

(From October 1996 to September 2007

PLUTONIUM COMPOUNDS + BROMIDES
was used for this concept.)

*BT1 bromides

*BT1 plutonium halides

PLUTONIUM CARBIDES

*BT1 carbides

*BT1 plutonium compounds

RT mixed carbide fuels

PLUTONIUM CARBONATES

*BT1 carbonates

*BT1 plutonium compounds

PLUTONIUM CHLORIDES

*BT1 chlorides

*BT1 plutonium halides

PLUTONIUM COMPLEXES

*BT1 actinide complexes

*BT1 transuranium complexes

NT1 plutonyl complexes

PLUTONIUM COMPOUNDS

1996-11-13

BT1 actinide compounds

BT1 transuranium compounds

NT1 plutonium arsenides

NT1 plutonium borides

NT1 plutonium carbides

NT1 plutonium carbonates

NT1 plutonium halides

NT2 plutonium bromides

NT2 plutonium chlorides

NT2 plutonium fluorides

NT2 plutonium iodides

NT1 plutonium hydrides

NT1 plutonium hydroxides

NT1 plutonium nitrates

NT1 plutonium nitrides

NT1 plutonium oxides

NT2 plutonium dioxide

NT1 plutonium perchlorates

NT1 plutonium peroxide

NT1 plutonium phosphates

NT1 plutonium phosphides

NT1 plutonium selenides

NT1 plutonium silicates

NT1 plutonium sulfates

NT1 plutonium sulfides

NT1 plutonium tellurides

NT1 plutonyl compounds

PLUTONIUM-DELTA

*BT1 plutonium

PLUTONIUM DIOXIDE

*BT1 plutonium oxides

PLUTONIUM-EPSILON

*BT1 plutonium

PLUTONIUM FLUORIDES

*BT1 fluorides

*BT1 plutonium halides

PLUTONIUM-GAMMA

*BT1 plutonium

PLUTONIUM HALIDES

2012-07-25

*BT1 halides

*BT1 plutonium compounds

NT1 plutonium bromides

NT1 plutonium chlorides

NT1 plutonium fluorides

NT1 plutonium iodides

PLUTONIUM HYDRIDES

*BT1 hydrides

*BT1 plutonium compounds

PLUTONIUM HYDROXIDES

*BT1 hydroxides

*BT1 plutonium compounds

PLUTONIUM IODIDES

*BT1 iodides

*BT1 plutonium halides

PLUTONIUM IONS

*BT1 ions

PLUTONIUM ISOTOPES

1999-07-16

BT1 isotopes

NT1 plutonium 228

NT1 plutonium 229

NT1 plutonium 230

NT1 plutonium 231

NT1 plutonium 232

NT1 plutonium 233

NT1 plutonium 234

NT1 plutonium 235

NT1 plutonium 236

NT1 plutonium 237

NT1 plutonium 238

NT1 plutonium 239

NT1 plutonium 240

NT1 plutonium 241

NT1 plutonium 242

NT1 plutonium 243

NT1 plutonium 244

NT1 plutonium 245

NT1 plutonium 246

NT1 plutonium 247

NT1 plutonium 248

NT1 plutonium 250

PLUTONIUM NITRATES

*BT1 nitrates

*BT1 plutonium compounds

PLUTONIUM NITRIDES

*BT1 nitrides

*BT1 plutonium compounds

RT mixed nitride fuels

PLUTONIUM OXIDES

*BT1 oxides

*BT1 plutonium compounds

NT1 plutonium dioxide

PLUTONIUM PERCHLORATES

1997-01-28

(From November 1996 to November 2007

PLUTONIUM COMPOUNDS +

PERCHLORATES was used for this concept.)

*BT1 perchlorates

*BT1 plutonium compounds

PLUTONIUM PEROXIDE

INIS: 1997-01-28; ETDE: 1980-05-06

(From November 1996 to November 2007

PLUTONIUM COMPOUNDS +

PEROXIDES was used for this concept. Prior

to March 1991 the plural form was used by

ETDE.)

*BT1 peroxides

*BT1 plutonium compounds

PLUTONIUM PHOSPHATES

*BT1 phosphates

*BT1 plutonium compounds

PLUTONIUM PHOSPHIDES

*BT1 phosphides

*BT1 plutonium compounds

**PLUTONIUM PRODUCTION
REACTORS**

*BT1 production reactors

NT1 calder hall a-1 reactor

NT1 calder hall a-2 reactor

NT1 calder hall b-3 reactor

NT1 calder hall b-4 reactor

NT1 chapelcross-1 reactor

NT1 chapelcross-2 reactor

NT1 chapelcross-3 reactor

NT1 chapelcross-4 reactor

NT1 g-1 reactor

NT1 g-2 reactor

NT1 g-3 reactor

NT1 hanford production reactors

NT1 n-reactor

NT1 windscale production reactors

PLUTONIUM REACTORS

BT1 reactors

NT1 clementine reactor

NT1 ebr-1 reactor

NT1 hclwr type reactors

NT1 jatr reactor

NT1 lampre-1 reactor

NT1 masurca reactor

NT1 phenix reactor

NT1 prcf reactor

NT1 rapsodie reactor

NT1 sbr-1 reactor

NT1 sbr-2 reactor

NT1 sbr-5 reactor

NT1 sefor reactor

NT1 stacy reactor

NT1 superphenix reactor

NT1 tracy reactor

NT1 zeep reactor

NT1 zephyr reactor

RT beloyarsk-3 reactor

RT bn-350 reactor

RT clinch river breeder reactor

RT ebr-2 reactor

RT pfr reactor

RT sneak reactor

RT vera reactor

RT zebra reactor

RT zenith reactor

PLUTONIUM RECYCLE*Use of plutonium from reprocessed spent fuels
in reload fuels.*

*BT1 closed fuel cycle

RT civex process

RT fuel cycle centers

RT plutonium

plutonium recycle critical facility

USE prcf reactor

plutonium recycle test reactor

USE prtr reactor

PLUTONIUM SELENIDES

INIS: 1979-02-21; ETDE: 1979-03-28

*BT1 plutonium compounds

*BT1 selenides

PLUTONIUM SILICATES

INIS: 1997-01-28; ETDE: 1984-09-05

(From November 1996 to November 2007

PLUTONIUM COMPOUNDS + SILICATES

was used for this concept.)

*BT1 plutonium compounds

*BT1 silicates

PLUTONIUM SULFATES

*BT1 plutonium compounds

*BT1 sulfates

PLUTONIUM SULFIDES

*BT1 plutonium compounds

*BT1 sulfides

PLUTONIUM TELLURIDES

INIS: 1976-02-24; ETDE: 1976-04-19

*BT1 plutonium compounds

*BT1 tellurides

PLUTONYL COMPLEXES

1983-09-06

*BT1 plutonium complexes

RT plutonyl compounds

PLUTONYL COMPOUNDS

*BT1 plutonium compounds

RT plutonyl complexes

plymouth pilgrim power reactor

USE pilgrim-1 reactor

PLZT

INIS: 1984-04-25; ETDE: 1983-07-07

Lead lanthanum zirconate titanate.

*BT1 lanthanum compounds

BT1 lead compounds

*BT1 titanates

*BT1 zirconates

PM-2A REACTOR

Camp Century, Greenland, Denmark.

UF camp century medium power plant 2a

UF portable medium power plant 2a

*BT1 process heat reactors

*BT1 pwr type reactors

PM-3A REACTOR

McMurdo Sound, Antarctica.

UF mcmurdo sound medium power plant 3a

UF portable medium power plant 3a

*BT1 pwr type reactors

PMMA

INIS: 1981-02-27; ETDE: 1980-03-04

UF polymethylmethacrylates

*BT1 polyacrylates

RT lucite

RT methacrylic acid esters

RT plexiglas

pmr spectra

INIS: 1984-04-04; ETDE: 2002-04-26

Proton Magnetic Resonance spectra.

USE nmr spectra

USE protons

pna

INIS: 2000-04-12; ETDE: 1978-07-05

Polynuclear aromatics.

USE polycyclic aromatic hydrocarbons

PNC

ETDE: 1975-09-11

The Power Reactor and Nuclear Fuel Development Corporation (PNC) was reorganized and renamed as the Japan Nuclear Cycle Development Institute (JNC) in October 1998.

UF power reactor and nuclear fuel development corporation

*BT1 japanese organizations

PNEUMATIC CONTROLLERS

*BT1 control equipment

PNEUMATIC MOTORS

INIS: 2000-04-12; ETDE: 1980-10-27

*BT1 motors

PNEUMATIC TRANSPORT

1976-09-06

BT1 transport

RT pipelines

RT pneumatics

RT reaction product transport systems

PNEUMATICS

Pertaining to or operated by air or other gas.

*BT1 fluid mechanics

RT hydraulics

RT pneumatic transport

PNEUMOCOCCUS

UF diplococcus pneumoniae

*BT1 bacteria

RT pneumonia

PNEUMOCONIOSES

UF black lung disease

UF silicosis

*BT1 respiratory system diseases

NT1 berylliosis

RT dusts

RT lungs

RT occupational diseases

PNEUMONIA

*BT1 respiratory system diseases

NT1 bronchopneumonia

RT lungs

RT pneumococcus

PNEUMONITIS

RT inflammation

RT lungs

PNICTIDES

INIS: 1989-11-24; ETDE: 1976-09-14

NT1 antimonides

NT2 gallium antimonides

NT2 indium antimonides

NT1 arsenides

NT2 aluminium arsenides

NT2 americium arsenides

NT2 berkelium arsenides

NT2 boron arsenides

NT2 cadmium arsenides

NT2 californium arsenides

NT2 cerium arsenides

NT2 cobalt arsenides

NT2 copper arsenides

NT2 curium arsenides

NT2 europium arsenides

NT2 gadolinium arsenides

NT2 gallium arsenides

NT2 germanium arsenides

NT2 hafnium arsenides

NT2 indium arsenides

NT2 iron arsenides

NT2 lithium arsenides

NT2 magnesium arsenides

NT2 manganese arsenides

NT2 molybdenum arsenides

NT2 neptunium arsenides

NT2 nickel arsenides

NT2 niobium arsenides

NT2 palladium arsenides

NT2 platinum arsenides

NT2 plutonium arsenides

NT2 praseodymium arsenides

NT2 rhodium arsenides

NT2 ruthenium arsenides

NT2 samarium arsenides

NT2 silicon arsenides

NT2 silver arsenides

NT2 tantalum arsenides

NT2 tellurium arsenides

NT2 terbium arsenides

NT2 thorium arsenides

NT2 thulium arsenides

NT2 tin arsenides

NT2 titanium arsenides

NT2 uranium arsenides

NT2 vanadium arsenides

NT2 yttrium arsenides

NT2 zinc arsenides

NT2 zirconium arsenides

NT1 nitrides

NT2 aluminium nitrides

NT2 americium nitrides

NT2 argon nitrides

NT2 barium nitrides

NT2 berkelium nitrides

NT2 beryllium nitrides

NT2 boron nitrides

NT2 calcium nitrides

NT2 californium nitrides

NT2 carbon nitrides

NT2 cerium nitrides

NT2 cesium nitrides

NT2 chromium nitrides

NT2 copper nitrides

NT2 curium nitrides

NT2 dysprosium nitrides

NT2 erbium nitrides

NT2 europium nitrides

NT2 gadolinium nitrides

NT2 gallium nitrides

NT2 germanium nitrides

NT2 hafnium nitrides

NT2 holmium nitrides

NT2 indium nitrides

NT2 iridium nitrides

NT2 iron nitrides

NT2 lanthanum nitrides

NT2 lead nitrides

NT2 lithium nitrides

NT2 magnesium nitrides

NT2 manganese nitrides

NT2 molybdenum nitrides

NT2 neodymium nitrides

NT2 neptunium nitrides

NT2 nickel nitrides

NT2 niobium nitrides

NT2 osmium nitrides

NT2 palladium nitrides

NT2 phosphorus nitrides

NT2 platinum nitrides

NT2 plutonium nitrides

NT2 potassium nitrides

NT2 praseodymium nitrides

NT2 radium nitrides

NT2 rhenium nitrides

NT2 rhodium nitrides

NT2 ruthenium nitrides

NT2 samarium nitrides

NT2 scandium nitrides

NT2 silicon nitrides

NT2 silver nitrides

NT2 sodium nitrides

NT2 sulfur nitrides

NT2 tantalum nitrides

NT2 terbium nitrides

NT2 thorium nitrides

NT2 thulium nitrides

NT2 tin nitrides

NT2 titanium nitrides

NT2 tungsten nitrides

NT2 uranium nitrides

NT2 vanadium nitrides

NT2 ytterbium nitrides

NT2 yttrium nitrides

NT2 zinc nitrides

NT2 zirconium nitrides

NT1 phosphides

NT2 aluminium phosphides

NT2 americium phosphides

NT2 berkelium phosphides

NT2 beryllium phosphides

NT2 boron phosphides

NT2 cadmium phosphides

NT2 cerium phosphides

NT2 cobalt phosphides

NT2 copper phosphides

NT2 curium phosphides

NT2 dysprosium phosphides

NT2 erbium phosphides

NT2 europium phosphides

NT2 gadolinium phosphides

NT2 gallium phosphides
 NT2 germanium phosphides
 NT2 hafnium phosphides
 NT2 holmium phosphides
 NT2 indium phosphides
 NT2 iron phosphides
 NT2 lanthanum phosphides
 NT2 lithium phosphides
 NT2 manganese phosphides
 NT2 molybdenum phosphides
 NT2 neptunium phosphides
 NT2 nickel phosphides
 NT2 microbraz 50
 NT2 niobium phosphides
 NT2 osmium phosphides
 NT2 palladium phosphides
 NT2 platinum phosphides
 NT2 plutonium phosphides
 NT2 potassium phosphides
 NT2 praseodymium phosphides
 NT2 rhodium phosphides
 NT2 ruthenium phosphides
 NT2 samarium phosphides
 NT2 scandium phosphides
 NT2 silicon phosphides
 NT2 sodium phosphides
 NT2 tantalum phosphides
 NT2 terbium phosphides
 NT2 thorium phosphides
 NT2 thulium phosphides
 NT2 tin phosphides
 NT2 titanium phosphides
 NT2 tungsten phosphides
 NT2 uranium phosphides
 NT2 vanadium phosphides
 NT2 ytterbium phosphides
 NT2 yttrium phosphides
 NT2 zinc phosphides
 NT2 zirconium phosphides

pnl

INIS: 2000-04-12; ETDE: 1982-09-10

USE battelle pacific northwest laboratories

pnl-cml reactor

USE cml reactor

pnl-prcf reactor

USE prcf reactor

PNPF REACTOR

US AEC, Piqua, Ohio, USA. Shut down in 1966.

UF organic moderated reactor piqua

UF piqua nuclear power facility

UF piqua organic moderated reactor

*BT1 enriched uranium reactors

*BT1 omr type reactors

*BT1 power reactors

*BT1 thermal reactors

PNPP-1 REACTOR

INIS: 1982-06-09; ETDE: 1982-07-08

Construction cancelled in 1986.

UF bataan philippine power plant

UF philippine nuclear power plant-1

*BT1 pwr type reactors

PO RIVER

INIS: 1975-12-17; ETDE: 1976-08-24

*BT1 rivers

RT italy

POCKELS CELL

INIS: 2000-04-12; ETDE: 1978-02-14

An electronically controllable light modulator or optical switch.

RT liquid crystals

pocket calculators

INIS: 1985-12-10; ETDE: 1978-11-14

USE calculators

pocket chambers

USE condenser ionization chambers

PODBIELNIAK CONTACTORS

*BT1 extraction apparatuses

RT centrifugation

RT solvent extraction

podophyllic acid

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE hydroxy acids

POHANG LIGHT SOURCE

2003-05-08

*BT1 synchrotron radiation sources

RT light sources

POINCARÉ-BERTRAND FORMULA

1992-03-11

RT integral calculus

RT transport theory

POINCARÉ GROUPS

*BT1 lie groups

NT1 lorentz groups

RT lorentz transformations

POINT BEACH-1 REACTOR

Nuclear Management Co., LLC, Two Creeks, Wisconsin, USA.

UF wisconsin point beach-1 reactor

*BT1 pwr type reactors

POINT BEACH-2 REACTOR

Nuclear Management Co., LLC, Two Creeks, Wisconsin, USA.

UF wisconsin point beach-2 reactor

*BT1 pwr type reactors

POINT CHARGE

BT1 electric charges

point contacts

USE electric contacts

POINT DEFECTS

*BT1 crystal defects

NT1 interstitials

NT2 i centers

NT1 vacancies

NT2 color centers

NT3 a centers

NT3 e centers

NT3 f centers

NT3 h centers

NT3 i centers

NT3 m centers

NT3 r centers

NT3 s centers

NT3 u centers

NT3 v centers

NT3 x centers

NT3 z centers

NT2 frenkel defects

NT2 schottky defects

RT charge carriers

RT holes

POINT KERNELS

INIS: 1977-11-21; ETDE: 1978-03-08

BT1 kernels

RT absorption

RT integral equations

RT radiation flux

RT shielding

POINT LEPREAU-1 REACTOR

INIS: 1977-02-08; ETDE: 1977-04-13

St. John, New Brunswick, Canada.

*BT1 candu type reactors

*BT1 natural uranium reactors

*BT1 phwr type reactors

POINT LEPREAU-2 REACTOR

INIS: 1986-08-19; ETDE: 1986-09-05

St. John, New Brunswick, Canada.

*BT1 candu type reactors

*BT1 natural uranium reactors

*BT1 phwr type reactors

point mutations

USE gene mutations

POINT POLLUTANT SOURCES

INIS: 1992-03-09; ETDE: 1977-11-28

Use for general articles when sources are not named.

BT1 pollution sources

RT air pollution

RT mobile pollutant sources

RT pollution

RT water pollution

POINT SOURCES

BT1 radiation sources

poiseuille flow

USE laminar flow

POISONING

Reduction of the reactivity by materials produced in a reactor, e.g., xenon, and samarium, or materials such as boron introduced into the reactor.

UF xenon effect

NT1 samarium oscillations

NT1 xenon oscillations

RT burnable poisons

RT fluid poison control

RT nuclear poisons

RT reactivity

RT reactor kinetics

poisons (chemical)

1983-03-15

USE hazardous materials

poisons (nuclear)

USE nuclear poisons

POISSON EQUATION

*BT1 partial differential equations

RT laplace equation

POISSON RATIO

BT1 dimensionless numbers

BT1 mechanical properties

RT elasticity

RT hooke law

RT strains

pokhran event

INIS: 1994-10-14; ETDE: 1976-01-26

(Prior to September 1994, this was a valid ETDE descriptor.)

USE contained explosions

USE nuclear explosions

POLAND

1997-03-07

BT1 developing countries

*BT1 eastern europe

RT oecd

polar blackout

USE polar-cap absorption

POLAR-CAP ABSORPTION

UF pca

UF polar blackout
 *BT1 absorption
 RT polar regions
 RT radiowave radiation
 RT solar particles

POLAR-CAP AURORAE

BT1 aurorae
 RT antarctic regions
 RT arctic regions
 RT auroral oval
 RT auroral zones
 RT ionosphere

POLAR COMPOUNDS

INIS: 2000-04-12; ETDE: 1980-12-08
Compounds that exhibit polarity, or local differences in electrical properties, and have a dipole moment associated with one or more of their interatomic valence bonds.
 NT1 zwitterionic compounds
 RT dipoles
 RT electric charges
 RT organic compounds

POLAR CUSP

INIS: 1975-12-09; ETDE: 1978-03-08
 RT auroral oval
 RT earth magnetosphere
 RT electron precipitation
 RT ionosphere
 RT proton precipitation

POLAR GAS PROJECT

INIS: 2000-04-12; ETDE: 1976-11-17
 RT canada
 RT natural gas
 RT pipelines

POLAR REGIONS

BT1 cryosphere
 NT1 antarctic regions
 NT2 antarctica
 NT1 arctic regions
 RT boreal regions
 RT polar-cap absorption

polar solvents

INIS: 1990-12-07; ETDE: 2002-04-26
 (Prior to December 1990, this was a valid descriptor.)
 USE solvents

polar substorms

USE magnetic bays

POLARIMETERS

NT1 ellipsometers
 RT polarimetry
 RT polarization
 RT radiation detectors

POLARIMETRY

INIS: 1994-09-08; ETDE: 1986-02-21
 RT chemical analysis
 RT polarimeters
 RT polarization

polaritons

INIS: 1984-04-04; ETDE: 2002-04-26
 USE polarons

POLARIZABILITY

Ratio of average induced dipole moment to the local field strength in a material. See also PARTICLE POLARIZABILITY.
 *BT1 electrical properties
 RT electric dipole moments
 RT polarization

polarizability (particle electric)

2015-01-29
 USE particle electric polarizability

polarizability (particle magnetic)

2015-01-29
 USE particle magnetic polarizability

POLARIZATION

For the process and condition in classical physics only; see also SPIN ORIENTATION.

UF pyroelectricity
 RT depolarization
 RT electrets
 RT faraday effect
 RT kerr effect
 RT optical activity
 RT oriented nuclei
 RT overhauser effect
 RT polarimeters
 RT polarimetry
 RT polarizability
 RT stokes parameters
 RT tagged photon method
 RT voigt effect
 RT wave forms
 RT wave propagation

POLARIZATION-ASYMMETRY RATIO

UF analyzing power
 BT1 dimensionless numbers
 RT scattering
 RT spin orientation
 RT targets

POLARIZED BEAMS

BT1 beams
 RT elsa accelerator complex
 RT spin orientation

polarized nuclei

(Prior to December 1984 this was a valid ETDE descriptor.)
 USE oriented nuclei

POLARIZED PRODUCTS

Use only for indexing the products of nuclear reactions or particle interactions.
 RT nuclear reactions
 RT particle interactions

POLARIZED TARGETS

BT1 targets
 RT spin orientation

POLAROGRAPHY

RT electrolysis
 RT quantitative chemical analysis

POLARONS

UF polaritons
 BT1 quasi particles

policy

INIS: 2000-04-12; ETDE: 1980-03-29
 SEE energy policy
 SEE environmental policy
 SEE foreign policy
 SEE government policies

POLIO VIRUS

*BT1 viruses
 RT poliomyelitis

POLIOMYELITIS

*BT1 myelitis
 *BT1 viral diseases
 RT nervous system
 RT polio virus

polish government maryla reactor

1993-11-09
 USE maryla reactor

POLISH ORGANIZATIONS

INIS: 1988-11-16; ETDE: 1981-08-04
 BT1 national organizations
 NT1 panstwowa agencja atomistyki

POLISHING

BT1 surface finishing
 NT1 chemical polishing
 NT1 electropolishing
 NT1 mechanical polishing
 RT metallography
 RT surface cleaning

POLITICAL ASPECTS

INIS: 1998-01-28; ETDE: 1979-05-09
Features of an enterprise or undertaking affected by or affecting political establishments.
 BT1 institutional factors
 RT ethical aspects
 RT government policies
 RT legal aspects
 RT public officials
 RT public opinion
 RT public policy
 RT socio-economic factors

POLLEN

*BT1 gametes
 RT flowers
 RT microspores
 RT palynology
 RT reproduction

POLLUCITE

INIS: 1983-06-02; ETDE: 1982-11-08
 *BT1 silicate minerals
 RT aluminium silicates
 RT cesium silicates
 RT sodium silicates

POLLUTANTS

INIS: 1981-02-27; ETDE: 1981-03-13
Not for radioactive contaminants for which use RADIOACTIVE WASTES or other related terminology.
 RT biological wastes
 RT chemical effluents
 RT contamination
 RT industrial wastes
 RT long-range transport
 RT municipal wastes
 RT pesticides
 RT pollution
 RT pollution abatement
 RT pollution sources

POLLUTION

For nonradioactive pollution only; for radioactive pollution use CONTAMINATION.
 NT1 air pollution
 NT2 indoor air pollution
 NT1 land pollution
 NT1 noise pollution
 NT1 thermal pollution
 NT1 transfrontier pollution
 NT1 water pollution
 RT aesthetics
 RT body burden
 RT dnapl
 RT emissions tax
 RT emissions trading
 RT environment
 RT environmental degradation
 RT gas spills
 RT global aspects
 RT hazardous materials spills

RT heavy metals
 RT lcpmpdpw
 RT liming
 RT long-range transport
 RT mobile pollutant sources
 RT pesticides
 RT point pollutant sources
 RT pollutants
 RT pollution abatement
 RT pollution control equipment
 RT pollution regulations
 RT stationary pollutant sources
 RT wastes

pollution, prevention of marine, 1972 london convention on

INIS: 1984-06-21; ETDE: 2002-06-13
 USE lcpmpdpw

pollution (thermal)

2000-04-12
 USE thermal pollution

POLLUTION ABATEMENT

INIS: 1983-06-30; ETDE: 1978-02-14
For the prevention of pollutants at the source.
 NT1 air pollution abatement
 NT1 land pollution abatement
 NT1 noise pollution abatement
 NT1 water pollution abatement
 RT chemical effluents
 RT heavy metals
 RT mitigation
 RT pollutants
 RT pollution
 RT pollution control
 RT pollution regulations

POLLUTION CONTROL

INIS: 1986-04-04; ETDE: 1977-03-04
For management or removal of pollutants after they are formed by a source.
 BT1 control
 NT1 air pollution control
 NT2 carbon sequestration
 NT1 land pollution control
 NT1 noise pollution control
 NT1 oil pollution containment
 NT1 water pollution control
 RT liming
 RT pollution abatement
 RT pollution control equipment
 RT pollution regulations
 RT us clean coal technology program

POLLUTION CONTROL AGENCIES

INIS: 1993-01-27; ETDE: 1976-11-01
 NT1 us epa
 RT enforcement
 RT pollution laws
 RT pollution regulations

POLLUTION CONTROL EQUIPMENT

INIS: 1976-06-23; ETDE: 1975-11-11
 BT1 equipment
 NT1 acoustic agglomerators
 NT1 afterburners
 NT1 air filters
 NT1 baghouses
 NT1 catalytic converters
 NT1 electrostatic precipitators
 NT1 exhaust recirculation systems
 NT1 oil retention booms
 NT1 pcv systems
 NT1 rotating disk removal systems
 NT1 scrubbers
 NT2 dry scrubbers
 NT2 wet scrubbers
 NT3 venturi scrubbers

NT1 skimmers
 NT1 weir oil recovery systems
 RT air cleaning
 RT air cleaning systems
 RT air pollution control
 RT catalytic combustors
 RT environmental engineering
 RT fabric filters
 RT fluidized-bed combustors
 RT granular bed filters
 RT inertial separators
 RT noise pollution control
 RT off-gas systems
 RT pollution
 RT pollution control
 RT scrubbing
 RT stack disposal
 RT sulfur meters

POLLUTION LAWS

1990-12-15
 (Prior to December 1990, this descriptor was spelled POLLUTION LAW.)
 BT1 laws
 NT1 clean air acts
 NT1 clean water acts
 NT1 us superfund
 RT kyoto protocol
 RT paris agreement
 RT pollution control agencies
 RT pollution regulations
 RT transfrontier pollution

POLLUTION REGULATIONS

Regulations for nonradioactive pollution only; see also CONTAMINATION REGULATIONS.
 *BT1 regulations
 RT clean air acts
 RT clean water acts
 RT contamination regulations
 RT enforcement
 RT federal test procedure
 RT pollution
 RT pollution abatement
 RT pollution control
 RT pollution control agencies
 RT pollution laws
 RT transfrontier pollution

POLLUTION SOURCES

INIS: 1992-03-09; ETDE: 1979-12-10
 UF area pollution sources
 NT1 mobile pollutant sources
 NT1 point pollutant sources
 NT1 stationary pollutant sources
 RT carbon sources
 RT pollutants

poloidal divertor experiment

INIS: 1978-07-03; ETDE: 1977-11-28
 USE pdx devices

poloidal divertors

INIS: 2000-04-12; ETDE: 1979-09-26
 (Prior to July 1985, this was a valid ETDE descriptor.)
 USE poloidal field divertors

POLOIDAL FIELD DIVERTORS

INIS: 1981-07-06; ETDE: 1981-08-04
Divertors that displace the poloidal field lines to form a separatrix in the poloidal field.
 UF poloidal divertors
 BT1 divertors
 RT pbx devices
 RT pdx devices

POLONIUM

*BT1 metals
 RT natural radioactivity

POLONIUM 186

2007-05-23
 *BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 microseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 187

2007-05-23
 *BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 188

2002-08-13
 *BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 microseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 189

2007-04-19
 *BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 190

INIS: 2000-06-15; ETDE: 2002-03-28
 *BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 191

2007-04-19
 *BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 192

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 193

*BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 194

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 195

*BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 polonium isotopes
 *BT1 seconds living radioisotopes

POLONIUM 196

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 polonium isotopes

*BT1 seconds living radioisotopes

POLONIUM 197

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 polonium isotopes
 *BT1 seconds living radioisotopes

POLONIUM 198

*BT1 alpha decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 minutes living radioisotopes
 *BT1 polonium isotopes

POLONIUM 199

*BT1 alpha decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 internal conversion radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 polonium isotopes

POLONIUM 200

*BT1 alpha decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 minutes living radioisotopes
 *BT1 polonium isotopes

POLONIUM 201

*BT1 alpha decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 polonium isotopes

POLONIUM 202

*BT1 alpha decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 internal conversion radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 polonium isotopes

POLONIUM 203

*BT1 alpha decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 polonium isotopes
 *BT1 seconds living radioisotopes

POLONIUM 204

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 polonium isotopes

POLONIUM 205

*BT1 alpha decay radioisotopes
 *BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 internal conversion radioisotopes
 *BT1 polonium isotopes

POLONIUM 206

*BT1 alpha decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 internal conversion radioisotopes
 *BT1 polonium isotopes

POLONIUM 207

*BT1 alpha decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 hours living radioisotopes
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 polonium isotopes
 *BT1 seconds living radioisotopes

POLONIUM 208

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 polonium isotopes
 *BT1 years living radioisotopes

POLONIUM 208 TARGET

1983-03-14

BT1 targets

POLONIUM 209

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 polonium isotopes
 *BT1 years living radioisotopes

POLONIUM 210

1995-11-06

UF postum

UF radium f

*BT1 alpha decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 isomeric transition isotopes
 *BT1 nanoseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 210 TARGET

ETDE: 1976-07-09

BT1 targets

POLONIUM 211

UF actinium c/

*BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes
 *BT1 seconds living radioisotopes

POLONIUM 212

UF thorium c/

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 nanoseconds living radioisotopes
 *BT1 polonium isotopes
 *BT1 seconds living radioisotopes

POLONIUM 213

*BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 microseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 214

UF radium c/

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 microseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 215

UF actinium a

*BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 216

UF thorium a

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 polonium isotopes

POLONIUM 217

*BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 polonium isotopes
 *BT1 seconds living radioisotopes

POLONIUM 218

UF radium a

*BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 minutes living radioisotopes
 *BT1 polonium isotopes

POLONIUM 219

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 polonium isotopes

POLONIUM 220

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 polonium isotopes

polonium additions

2000-03-28

(Until July 1996 this was a valid descriptor.)

USE polonium alloys

USE polonium compounds

POLONIUM ALLOYS

1996-07-23

Alloys containing more than 1% Po.

UF polonium additions

BT1 alloys

POLONIUM BROMIDES

*BT1 bromides
 *BT1 polonium halides

POLONIUM CHLORIDES

1996-07-08

(From June 1996 to February 2008

POLONIUM COMPOUNDS + CHLORIDES was used for this concept.)

*BT1 chlorides

*BT1 polonium halides

POLONIUM COMPLEXES

BT1 complexes

POLONIUM COMPOUNDS

1996-07-23

UF polonium additions

NT1 polonium halides

NT2 polonium bromides

NT2 polonium chlorides

NT2 polonium fluorides

NT2 polonium iodides

NT1 polonium nitrates

NT1 polonium oxides

POLONIUM FLUORIDES

1996-07-08

(From June 1996 to February 2008

POLONIUM COMPOUNDS + FLUORIDES

was used for this concept.)

*BT1 fluorides

*BT1 polonium halides

POLONIUM HALIDES

2008-02-07

*BT1 halides

BT1 polonium compounds

NT1 polonium bromides

NT1 polonium chlorides

NT1 polonium fluorides

NT1 polonium iodides

POLONIUM IODIDES

1996-07-23

(From July 1996 to February 2008

POLONIUM COMPOUNDS + IODIDES was

used for this concept.)

*BT1 iodides

*BT1 polonium halides

POLONIUM IONS

*BT1 ions

POLONIUM ISOTOPES

BT1 isotopes

NT1 polonium 186

NT1 polonium 187

NT1 polonium 188

NT1 polonium 189

NT1 polonium 190

NT1 polonium 191

NT1 polonium 192

NT1 polonium 193

NT1 polonium 194

NT1 polonium 195

NT1 polonium 196

NT1 polonium 197

NT1 polonium 198

NT1 polonium 199

NT1 polonium 200

NT1 polonium 201

NT1 polonium 202

NT1 polonium 203

NT1 polonium 204

NT1 polonium 205

NT1 polonium 206

NT1 polonium 207

NT1 polonium 208

NT1 polonium 209

NT1 polonium 210

NT1 polonium 211

NT1 polonium 212

NT1 polonium 213

NT1 polonium 214

NT1 polonium 215

NT1 polonium 216

NT1 polonium 217

NT1 polonium 218

NT1 polonium 219

NT1 polonium 220

POLONIUM NITRATES

1996-07-23

(From July 1996 to November 2007

POLONIUM COMPOUNDS + NITRATES

was used for this concept.)

*BT1 nitrates

BT1 polonium compounds

POLONIUM OXIDES

*BT1 oxides

BT1 polonium compounds

poly(isobutylene oxide)

INIS: 2000-04-12; ETDE: 1980-12-08

USE epoxides

USE organic polymers

poly(vinylidene fluoride)

INIS: 2000-04-12; ETDE: 1980-11-25

USE fluorinated aliphatic hydrocarbons

USE polyvinyls

POLYACETALS

*BT1 organic polymers

NT1 formvar

NT1 polyoxymethylenes

RT acetals

RT cellulose

RT chitin

RT inulin

RT lignin

RT starch

POLYACETYLENES

INIS: 1994-07-21; ETDE: 1981-07-18

*BT1 organic polymers

*BT1 polyenes

RT acetylene

RT electrolytes

POLYACRYLATES

UF acrylic polymers

*BT1 esters

*BT1 polyvinyls

NT1 lucite

NT1 perspex

NT1 plexiglas

NT1 pmma

RT methacrylic acid

polyacrylonitrile

INIS: 2000-04-12; ETDE: 1980-12-08

USE nitriles

USE organic polymers

POLYAMIDES

1996-08-05

UF dow pusher 700

*BT1 organic polymers

NT1 nylon

NT1 polyurethanes

NT2 halthane

RT albumins

RT amides

RT proteins

polyatomic molecules

INIS: 2000-04-12; ETDE: 1994-08-18

Chemical molecules with three or more atoms.

(Prior to August 1994, this was a valid ETDE descriptor.)

USE molecules

POLYCARBONATES

*BT1 carbonates

*BT1 organic polymers

POLYCHLORINATED BIPHENYLS

INIS: 1992-09-16; ETDE: 1992-10-07

UF pcb

UF pcb (polychlorinated biphenyl)

*BT1 chlorinated aromatic hydrocarbons

RT toxic materials

POLYCRYSTALS

BT1 crystals

NT1 bicrystals

POLYCYCLIC AROMATIC AMINES

INIS: 1994-09-29; ETDE: 1983-11-23

*BT1 amines

RT acetylaminofluorenes

RT aniline

RT polycyclic aromatic hydrocarbons

POLYCYCLIC AROMATIC HYDROCARBONS

INIS: 1992-03-17; ETDE: 1976-08-24

A group of hydrocarbons, consisting of two or more fused aromatic rings. Prior to April 2017 CONDENSED AROMATICS was used for this concept.

UF condensed aromatics

UF fluoranthene

UF pah

UF pna

UF polynuclear aromatic hydrocarbons

UF polynuclear hydrocarbons

*BT1 aromatics

NT1 3-methylcholanthrene

NT1 acenaphthene

NT1 anthracene

NT1 azulene

NT1 benzantracene

NT1 benzopyrene

NT1 calixarenes

NT1 cholanthrene

NT1 chrysene

NT1 dimethylbenzantracene

NT1 fluorene

NT1 indene

NT1 indocyanine green

NT1 methylnaphthalenes

NT1 naphthalene

NT1 pentacene

NT1 perylene

NT1 phenanthrene

NT1 polyphenyls

NT2 terphenyls

NT3 terphenyl-ortho

NT3 terphenyl-para

NT1 pyrene

NT1 quaterphenyls

NT1 tetracene

NT1 triphenylene

RT azaarenes

RT carcinogens

RT mutagens

RT polycyclic aromatic amines

RT polycyclic nitro compounds

RT polycyclic sulfur heterocycles

POLYCYCLIC NITRO COMPOUNDS

INIS: 2000-04-12; ETDE: 1983-11-23

*BT1 nitro compounds

RT polycyclic aromatic hydrocarbons

polycyclic nitrogen heterocycles

INIS: 1994-06-27; ETDE: 1983-11-23

USE azaarenes

POLYCYCLIC SULFUR HETEROCYCLES

INIS: 1998-10-13; ETDE: 1983-11-23

UF thiophenes

*BT1 heterocyclic compounds

*BT1 organic sulfur compounds

RT polycyclic aromatic hydrocarbons

RT thionaphthenes

RT thiophene

POLYCYTHEMIA

*BT1 hemic diseases

RT bone marrow
RT myeloid leukemia

POLYENES

*BT1 hydrocarbons
NT1 dienes
NT2 allene
NT2 butadiene
NT2 cyclopentadiene
NT2 ferrocene
NT2 isoprene
NT2 pentadienes
NT1 polyacetylenes
NT1 squalene
RT alkenes

POLYESTERS

1996-07-18
UF laminac
*BT1 esters
*BT1 organic polymers
NT1 polyethylene terephthalate
NT2 dacron
NT2 homalite
NT2 mylar

polyethers

USE polyethylene glycols

POLYETHYLENE GLYCOLS

UF polyethers
UF polyethylene oxides
*BT1 ethylene glycols
*BT1 organic polymers
NT1 carbowax
NT1 pluronics
RT ethers

polyethylene oxides

INIS: 2000-04-12; ETDE: 1976-05-13
USE polyethylene glycols

POLYETHYLENE**TEREPHTHALATE**

2017-11-13
Until November 2017, this was a forbidden term and this concept was indexed by POLYESTERS.

*BT1 polyesters
NT1 dacron
NT1 homalite
NT1 mylar
RT ethylene glycols
RT terephthalic acid

POLYETHYLENES

1996-01-24
UF ethylene polymers
UF marlex
UF polythene
*BT1 polyolefins
NT1 kel-f
NT1 polytetrafluoroethylene
NT2 teflon
RT glazing materials

POLYHALITE

INIS: 1982-10-29; ETDE: 1981-12-14
*BT1 sulfate minerals
RT calcium sulfates
RT magnesium sulfates
RT potassium sulfates

polyhydroxyaromatics

USE polyphenols

POLYISOPRENE

*BT1 elastomers
*BT1 organic polymers
RT isoprene

polymer electrolyte fuel cells

INIS: 2000-04-12; ETDE: 1999-09-09
USE proton exchange membrane fuel cells

polymer flooding

INIS: 2000-04-12; ETDE: 1976-06-07
SEE microemulsion flooding
SEE waterflooding

POLYMER GEL DOSEMETERS

2013-05-29
*BT1 chemical doseimeters
RT nmr imaging
RT polymer gel dosimetry

POLYMER GEL DOSIMETRY

2013-05-29
BT1 dosimetry
RT polymer gel doseimeters

polymer-insulator-semiconductor solar cells

INIS: 2000-04-12; ETDE: 1981-07-18
USE pis solar cells

polymer-semiconductor solar cells

INIS: 2000-04-12; ETDE: 1981-07-18
USE ps solar cells

POLYMERASE CHAIN REACTION

1994-06-27
A biochemical (in vitro) method to prepare a large number of copies of a selected gene or of some other DNA segment. Such quantities of gene copy are required to supply the starting material needs for sequencing, for other chemical analysis, or for genetic or protein engineering.

UF pcr
BT1 gene amplification
RT biotechnology
RT dna-cloning
RT gene mutations
RT genetic engineering
RT protein engineering

POLYMERASES

*BT1 nucleotidyltransferases
NT1 dna polymerases
NT1 rna polymerases

POLYMERIZATION

UF radiation hardening (chemical)
UF radiopolymerization
BT1 chemical reactions
NT1 copolymerization
NT1 cross-linking
NT1 dimerization
NT1 telomerization
RT curing
RT depolymerization
RT molecular weight
RT monomers

POLYMERS

NT1 elastomers
NT2 ethylene propylene diene polymers
NT2 neoprene
NT2 polyisoprene
NT2 rubbers
NT3 buna
NT3 latex
NT3 natural rubber
NT3 silastic
NT3 viton
NT1 hydrophylic polymers
NT1 inorganic polymers
NT1 organic polymers
NT2 araldite
NT2 copolymers
NT2 graft polymers

NT2 neoprene
NT2 plastic foams
NT2 plastics
NT3 aramids
NT3 bakelite
NT3 formvar
NT3 lucite
NT3 mylar
NT3 nylon
NT3 perspex
NT3 plexiglas
NT3 polystyrene
NT3 polyurethanes
NT4 halthane
NT3 reinforced plastics
NT3 tedlar
NT3 teflon
NT3 thermoplastics
NT2 polyacetals
NT3 formvar
NT3 polyoxymethylenes
NT2 polyacetylenes
NT2 polyamides
NT3 nylon
NT3 polyurethanes
NT4 halthane
NT2 polycarbonates
NT2 polyesters
NT3 polyethylene terephthalate
NT4 dacron
NT4 homalite
NT4 mylar
NT2 polyethylene glycols
NT3 carbowax
NT3 pluronics
NT2 polyisoprene
NT2 polyolefins
NT3 polyethylenes
NT4 kel-f
NT4 polytetrafluoroethylene
NT5 teflon
NT3 polypropylene
NT3 polystyrene
NT3 polystyrene-dvb
NT2 polyvinyls
NT3 polyacrylates
NT4 lucite
NT4 perspex
NT4 plexiglas
NT4 pmma
NT3 polystyrene
NT3 polyvinyl acetate
NT3 pva
NT3 pvc
NT3 pvp
NT3 tedlar
NT2 resins
NT2 rubbers
NT3 buna
NT3 latex
NT3 natural rubber
NT3 silastic
NT3 viton
NT2 textolite
NT1 silicones
NT2 silastic
RT colorimetric doseimeters
RT dendrimers
RT dielectric track detectors
RT dimers
RT hydrogels
RT monomers
RT plugging agents
RT urea-formaldehyde foams

POLYMETALLIC ORES

BT1 ores

polymethylmethacrylates

INIS: 1981-02-27; ETDE: 1980-03-04
USE pmma

POLYNEUTRONS

INIS: 1978-08-30; ETDE: 1977-03-04
Particle-stable many-body system composed of neutrons.

*BT1 neutrons
NT1 dineutrons
NT1 tetra-neutrons
NT1 trineutrons

POLYNOMIALS

UF tschebyscheff approximation
BT1 functions
NT1 hermite polynomials
NT1 laguerre polynomials
NT1 legendre polynomials
RT mathematics
RT newton method
RT spline functions

polynuclear aromatic hydrocarbons

INIS: 2000-04-12; ETDE: 1976-08-24
USE polycyclic aromatic hydrocarbons

polynuclear hydrocarbons

ETDE: 2002-04-26
USE polycyclic aromatic hydrocarbons

POLYOLEFINS

*BT1 organic polymers
NT1 polyethylenes
NT2 kel-f
NT2 polytetrafluoroethylene
NT3 teflon
NT1 polypropylene
NT1 polystyrene
NT1 polystyrene-dvb

POLYOMA VIRUS

*BT1 oncogenic viruses

POLYOXYMETHYLENES

*BT1 polyacetals
RT formaldehyde

POLYPEPTIDES

*BT1 peptides
NT1 calcitonin
NT1 endorphins
NT2 enkephalins
NT1 endothelins
NT1 gastrin
NT1 glucagon
NT1 glutathione
NT1 kinins
NT2 bradykinin
NT1 leptin
RT somatostatin

POLYPHENOLS

1996-06-28
UF aurin
UF dihydroxyaromatics
UF polyhydroxyaromatics
UF trihydroxyaromatics
*BT1 phenols
NT1 arsenazo
NT1 bromosulfophthalein
NT1 catecholamines
NT1 curcumin
NT1 dopamine
NT1 fluorescein
NT2 erythrosine
NT1 hematoxylin
NT1 morin
NT1 pyridylazoresorcinol
NT1 pyrocatechol
NT1 pyrogallol

NT1 quercetin
NT1 resorcinol
NT1 stilbestrol
NT1 tannic acid
NT1 tiron

POLYPHENYLS

1996-07-08
UF santowax
*BT1 polycyclic aromatic hydrocarbons
NT1 terphenyls
NT2 terphenyl-ortho
NT2 terphenyl-para
RT organic coolants
RT organic moderators
RT organic polymers

POLYPLOIDY

UF tetraploidy
BT1 ploidy
RT colchicine
RT genome mutations

POLYPORUS VERSICOLOR

INIS: 2000-04-12; ETDE: 1987-04-24
*BT1 fungi

POLYPROPYLENE

*BT1 polyolefins
RT propylene

polysaccharide-lyases

INIS: 1990-12-07; ETDE: 2002-04-26
(Prior to December 1990, this was a valid descriptor.)
USE carbon-oxygen lyases

POLYSACCHARIDES

*BT1 saccharides
NT1 agar
NT1 alginic acid
NT1 cellophane
NT1 cellulose
NT1 dextran
NT1 dextrin
NT1 glycogen
NT1 gum acacia
NT1 hemicellulose
NT2 xylans
NT1 inulin
NT1 lignin
NT1 lipopolysaccharides
NT1 mucopolysaccharides
NT2 chitin
NT2 chondroitin
NT2 heparin
NT2 hyaluronic acid
NT1 mucoproteins
NT2 haptoglobins
NT2 intrinsic factor
NT2 phytohemagglutinin
NT1 nitrocellulose
NT1 pectins
NT1 rayon
NT1 starch
NT1 viscose
NT1 xanthan gum
RT endotoxins
RT lysozyme
RT pyrogens
RT zymosan

POLYSTYRENE

UF styrene polymers
*BT1 plastics
*BT1 polyolefins
*BT1 polyvinyls
RT styrene

POLYSTYRENE-DVB

UF styrene-divinylbenzene copolymer
*BT1 organic ion exchangers

*BT1 polyolefins

polysulfides

USE sulfides

POLYTETRAFLUOROETHYLENE

INIS: 2000-04-12; ETDE: 1978-05-03
UF ptfe
*BT1 fluorinated aliphatic hydrocarbons
*BT1 polyethylenes
NT1 teflon

polytetraoxane

INIS: 2000-04-12; ETDE: 1980-12-08
USE heterocyclic oxygen compounds
USE organic polymers

polythene

USE polyethylenes

polythionates

USE oxygen compounds
USE sulfur compounds

polythionic acids

USE inorganic acids
USE oxygen compounds
USE sulfur compounds

POLYURETHANES

*BT1 plastics
*BT1 polyamides
NT1 halthane
RT urethane

POLYVINYL ACETATE

2005-02-22
*BT1 acetic acid esters
*BT1 polyvinyls

polyvinyl alcohol

USE pva

polyvinyl chloride

USE pvc

polyvinylpyrrolidone

USE pvp

POLYVINYL

UF poly(vinylidene fluoride)
UF vinoflex
*BT1 organic polymers
NT1 polyacrylates
NT2 lucite
NT2 perspex
NT2 plexiglas
NT2 pmma
NT1 polystyrene
NT1 polyvinyl acetate
NT1 pva
NT1 pvc
NT1 pvp
NT1 tedlar
RT glazing materials

POMERANCHUK PARTICLES

UF pomeron
BT1 quasi particles
RT morrison rule
RT regge poles

POMERANCHUK POLES

RT regge poles

POMERANCHUK THEOREM

RT antiparticle beams
RT interactions
RT particle beams
RT total cross sections

pomeron

USE pomeronchuk particles

ponderomotive effect

INIS: 1989-04-20; ETDE: 2002-04-26
USE ponderomotive force

PONDEROMOTIVE FORCE

INIS: 1989-04-20; ETDE: 1989-05-11
UF ponderomotive effect
RT charged particles
RT coulomb field
RT electromagnetic fields
RT lorentz force

PONDS

1992-04-07
UF pools
BT1 surface waters
NT1 cooling ponds
NT1 settling ponds
NT1 solar ponds
NT2 roof ponds
RT lakes

ponds (cooling)

1992-06-05
USE cooling ponds

POOL BOILING

*BT1 boiling

pool critical assembly ornl

USE ornl-pca reactor

pool event

INIS: 2000-04-12; ETDE: 1977-06-21
USE anvil project

pool test reactor chalk river

1993-11-09
USE ptr reactor

POOL TYPE REACTORS

UF swimming pool reactors
*BT1 water cooled reactors
*BT1 water moderated reactors
NT1 agata reactor
NT1 apsara reactor
NT1 armf-1 reactor
NT1 astra reactor
NT1 atrc reactor
NT1 avogadro rs-1 reactor
NT1 bam reactor
NT1 bawtr reactor
NT1 ber-2 reactor
NT1 brr reactor
NT1 bsr-1 reactor
NT1 bsr-2 reactor
NT1 cabri reactor
NT1 carr reactor
NT1 cmrr reactor
NT1 consort-2 reactor
NT1 cp-6 reactor
NT1 crocus reactor
NT1 democritus reactor
NT1 dr-2 reactor
NT1 etrc reactor
NT1 etrr-2 reactor
NT1 fmr reactor
NT1 fnr reactor
NT1 frg-1 reactor
NT1 frg-2 reactor
NT1 frj-1 reactor
NT1 frm-ii reactor
NT1 frm reactor
NT1 frn reactor
NT1 ga siwabessy reactor
NT1 gtr reactor
NT1 gulf triga-mk-3 reactor
NT1 hanaro reactor
NT1 herald reactor
NT1 hor reactor
NT1 horace reactor

NT1 htr reactor
NT1 ian-r1 reactor
NT1 iear-1 reactor
NT1 ihni-1 reactor
NT1 ir-100 reactor
NT1 irl reactor
NT1 irr-1 reactor
NT1 irt-2000 djakarta reactor
NT1 irt-2000 moscow reactor
NT1 irt-c reactor
NT1 irt-dprk reactor
NT1 irt-f reactor
NT1 irt reactor
NT1 irt-sofia reactor
NT1 isis reactor
NT1 ivv-2m reactor
NT1 ivv-7 reactor
NT1 jen-1 reactor
NT1 jen-2 reactor
NT1 jen reactor
NT1 jrr-3m reactor
NT1 jrr-4 reactor
NT1 jrr reactor
NT1 jules horowitz reactor
NT1 kur reactor
NT1 la reina rech-1 reactor
NT1 lido reactor
NT1 lo aguirre rech-2 reactor
NT1 lpr reactor
NT1 lptr reactor
NT1 lr-0 reactor
NT1 ltir reactor
NT1 maria reactor
NT1 maryla reactor
NT1 melusine-1 reactor
NT1 merlin reactor
NT1 minerve reactor
NT1 mnrr reactor
NT1 nscr reactor
NT1 nur reactor
NT1 opal reactor
NT1 osur reactor
NT1 parr-1 reactor
NT1 phebus reactor
NT1 pik physical model reactor
NT1 prpr reactor
NT1 prr-1 reactor
NT1 psbr reactor
NT1 ptr reactor
NT1 pulstar-buffalo reactor
NT1 pulstar-raleigh reactor
NT1 pur-1 reactor
NT1 r2-0 reactor
NT1 ra-10 reactor
NT1 ra-6 reactor
NT1 ra-8 reactor
NT1 rana reactor
NT1 rinsc reactor
NT1 ritmo reactor
NT1 rmb reactor
NT1 rp-10 reactor
NT1 rts-1 reactor
NT1 rv-1 reactor
NT1 saphir reactor
NT1 scarabee reactor
NT1 siloe reactor
NT1 siloette reactor
NT1 slowpoke type reactors
NT2 slowpoke-alberta reactor
NT2 slowpoke-dalhousie reactor
NT2 slowpoke-mona reactor
NT2 slowpoke-montreal reactor
NT2 slowpoke-ottawa reactor
NT2 slowpoke rmc reactor
NT2 slowpoke src reactor
NT2 slowpoke-toronto reactor
NT2 slowpoke-wmre reactor
NT1 spert-4 reactor
NT1 spr iae reactor

NT1 sprr-300 reactor
NT1 stek reactor
NT1 stir reactor
NT1 swierk r-2 reactor
NT1 thetis reactor
NT1 thor reactor
NT1 toshiba reactor
NT1 tr-1 reactor
NT1 tr-2 reactor
NT1 triton reactor
NT1 trr-1 reactor
NT1 tz1 reactor
NT1 tz2 reactor
NT1 uknr reactor
NT1 umne-1 reactor
NT1 umrr reactor
NT1 utrr reactor
NT1 uvar reactor
NT1 uwnr reactor
NT1 vr-1 reactor
NT1 wpir reactor
NT1 wsur reactor
NT1 xapr reactor

pools

1992-04-07
USE ponds

pools (fuel storage)

INIS: 1985-01-17; ETDE: 2002-04-26
USE fuel storage pools

poor people

INIS: 2000-04-12; ETDE: 1978-04-05
USE low income groups

pop (paroxypropione)

ETDE: 2005-02-01
(Prior to January 2005 POP was a valid descriptor.)
USE hydroxypropiofenone

popae

INIS: 2000-04-12; ETDE: 1975-11-11
(Prior to July 1985, this was a valid ETDE descriptor.)
USE popae storage ring

POP AE STORAGE RING

INIS: 1976-02-11; ETDE: 1976-03-25
Protons On Protons And Electrons storage ring facility at Fermilab.
UF popae
BT1 storage rings
RT fermilab accelerator

POPLARS

*BT1 magnoliopsida
*BT1 trees
NT1 aspens
NT1 cottonwoods

POPOP

UF bis(phenyloxazolyl)benzene
*BT1 oxazoles

POPULATION DENSITY

UF density (population)
RT population dynamics
RT populations

POPULATION DYNAMICS

RT competition
RT ecological balance
RT ecological succession
RT ecosystems
RT equilibrium
RT growth
RT human populations
RT migration
RT population density
RT population relocation

RT populations
RT predator-prey interactions
RT reproduction

POPULATION INVERSION

RT energy levels

POPULATION RELOCATION

INIS: 1981-07-08; ETDE: 1978-04-28

RT accidents
RT civil defense
RT evacuation
RT external zones
RT human populations
RT population dynamics
RT populations

POPULATIONS

UF caste (insects)
UF colonies
NT1 human populations
NT2 a-bomb survivors
NT2 indigenous peoples
NT3 american indians
NT3 eskimos
NT3 sami people
NT2 minority groups
NT3 american indians
NT3 black americans
NT3 elderly people
NT3 handicapped people
NT3 high income groups
NT3 hispanic americans
NT3 low income groups
NT3 oriental americans
NT3 sami people
NT2 rural populations
NT2 urban populations
RT adults
RT age groups
RT biological extinction
RT biosphere
RT ecosystems
RT genetically significant dose
RT population density
RT population dynamics
RT population relocation
RT species diversity

PORCELAIN

RT ceramics

PORE PRESSURE

INIS: 1992-07-21; ETDE: 1983-04-28

That part of the total normal stress in a saturated soil caused by the presence of interstitial fluid.

RT hydrostatics
RT interstitial water
RT piezometry
RT sediments
RT stresses

PORE STRUCTURE

INIS: 1998-11-12; ETDE: 1993-08-24

BT1 microstructure
RT porosity

PORINS

INIS: 2000-04-12; ETDE: 1987-07-22

Transmembrane proteins which selectively permit small molecules to traverse the cell membranes.

*BT1 membrane proteins
RT membrane transport

pork

USE meat

POROSIMETERS

BT1 measuring instruments

POROSITY

UF collector properties
UF collector properties (rocks)
RT ceramography
RT defects
RT formation damage
RT leaks
RT permeability
RT pore structure
RT porous materials
RT sintering

porosity reduction

INIS: 2000-04-12; ETDE: 1983-01-21

USE formation damage

POROUS MATERIALS

INIS: 1977-07-05; ETDE: 1976-09-14

UF materials (porous)
BT1 materials
RT porosity

PORPHYRA

*BT1 rhodophycota

PORPHYRINS

1997-06-17

UF etioporphyrins
*BT1 heterocyclic acids
*BT1 organic nitrogen compounds
NT1 chlorins
NT1 chlorophyll
NT1 hematoporphyrins
NT1 heme
NT1 hemoglobin
NT2 methemoglobin
NT1 hemosiderin
NT1 myoglobin
NT1 protoporphyrins
RT peroxidases
RT pigments

porpoises

INIS: 1991-09-30; ETDE: 1981-06-15

USE cetaceans

port radium

1996-07-08

(Until June 1996 this was a valid descriptor.)

USE northwest territories

PORTABLE EQUIPMENT

INIS: 1983-06-30; ETDE: 1983-07-20

To be used only if portability is unusual or is the significant aspect of the equipment.

BT1 equipment
RT laboratory equipment
RT portable sources

portable medium power plant 2a

USE pm-2a reactor

portable medium power plant 3a

USE pm-3a reactor

PORTABLE SOURCES

BT1 radiation sources
RT portable equipment

PORTAL SYSTEM

*BT1 veins
RT intestinal absorption
RT intestines
RT liver

PORTER-THOMAS DISTRIBUTION

RT compound nuclei
RT level widths

portevin-le chatelier effect

2000-04-12

The continually repeating non-smooth deformation of a specimen when subjected to a uniformly increasing stress.

(Prior to May 1996 this was a valid ETDE descriptor.)

USE deformation

PORTLAND CEMENT

1992-05-08

*BT1 cements
RT cement industry
RT lime-soda sinter process
RT spent shales

portmanteau event

INIS: 2000-04-12; ETDE: 1975-12-16

A test made during PROJECT BEDROCK.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE nuclear explosions
USE underground explosions

ports

2000-04-12

USE harbors

PORTSMOUTH CENTRIFUGE ENRICHMENT PLANT

INIS: 1982-08-27; ETDE: 1981-05-18

UF gcep
SF portsmouth plant
*BT1 centrifuge enrichment plants
*BT1 us doe
RT ohio

PORTSMOUTH GASEOUS DIFFUSION PLANT

INIS: 1975-10-09; ETDE: 1975-12-16

SF portsmouth plant
*BT1 gaseous diffusion plants
*BT1 us doe
*BT1 us erda
RT ohio

portsmouth plant

INIS: 1992-06-04; ETDE: 1976-05-19

SEE portsmouth centrifuge enrichment plant
SEE portsmouth gaseous diffusion plant

PORTUGAL

1995-04-03

BT1 developing countries
*BT1 western europe
NT1 azores islands
RT oecd

portuguese jen research reactor

USE jen reactor

PORTUGUESE ORGANIZATIONS

2004-03-31

BT1 national organizations

position (optical)

USE coordinates

position (radio)

USE coordinates

position dependence

INIS: 2000-04-12; ETDE: 1979-08-07

USE space dependence

position indicators

USE displacement gages

POSITION OPERATORS

*BT1 quantum operators

RT coordinates

POSITION SENSITIVE DETECTORS

*BT1 radiation detectors
RT counting techniques
RT superconducting colloid detectors

POSITIONING

INIS: 1982-12-07; ETDE: 1977-03-08

Not for *SITE SELECTION*.

UF emplacement
RT alignment
RT fuel elements
RT global positioning system
RT in core instruments
RT offshore platforms
RT pipelines
RT ships
RT stowage
RT targets
RT thrusters

POSITIVE COLUMN

RT electric discharges

positive crankcase ventilation systems

INIS: 2000-04-12; ETDE: 1979-03-05

USE pcv systems

positive excess

1996-07-08
(Until June 1996 this was a valid descriptor.)
SEE cosmic radiation
SEE electric charges

positive ions

USE cations

POSITRON ANNIHILATION SPECTROSCOPY

2017-02-02

BT1 spectroscopy
RT gamma detection

POSITRON-ATOM COLLISIONS

*BT1 atom collisions
*BT1 positron collisions

POSITRON BEAMS

UF beta beams (positrons)
*BT1 lepton beams
RT positrons

POSITRON CAMERAS

Coincidence gamma cameras for positron annihilation imaging.

*BT1 gamma cameras
RT coincidence methods
RT emission computed tomography
RT nuclear medicine
RT positron computed tomography
RT positron detection
RT radioisotope scanners

POSITRON CHANNELING

BT1 channeling

POSITRON COLLISIONS

BT1 collisions
NT1 electron-positron collisions
NT1 photon-positron collisions
NT1 positron-atom collisions
NT1 positron-ion collisions
NT1 positron-molecule collisions
NT1 positron-positron collisions

POSITRON COMPUTED TOMOGRAPHY

INIS: 1980-04-02; ETDE: 1980-05-07

UF pet scanning
UF pett
*BT1 emission computed tomography
RT positron cameras

RT radioisotope scanning

positron decay

USE beta-plus decay

POSITRON DETECTION

INIS: 1986-04-04; ETDE: 1979-04-11

(Prior to April 1986 this concept was expressed by co-ordination of ELECTRON DETECTION and POSITRONS.)

*BT1 charged particle detection
RT beta detection
RT electron detection
RT positron cameras

positron-electron-proton storage ring

1993-11-09

USE pep storage rings

POSITRON-ION COLLISIONS

*BT1 ion collisions
*BT1 positron collisions

POSITRON-MOLECULE COLLISIONS

*BT1 molecule collisions
*BT1 positron collisions

POSITRON-POSITRON COLLISIONS

ETDE: 1989-09-15

*BT1 positron collisions

POSITRON-POSITRON INTERACTIONS

INIS: 1986-05-23; ETDE: 1980-05-06

*BT1 lepton-lepton interactions

POSITRON REACTIONS

INIS: 1977-09-15; ETDE: 1977-11-10

*BT1 lepton reactions

POSITRON SOURCES

INIS: 1975-09-16; ETDE: 1975-10-28

*BT1 particle sources
RT positrons

POSITRONIUM

(From December 1975 till May 1996 POSITRONIUM CHEMISTRY was a valid ETDE descriptor.)

SF positronium chemistry
RT atoms
RT electrons
RT muonium
RT positronium compounds
RT positrons
RT protonium

positronium chemistry

INIS: 2000-04-12; ETDE: 1975-12-16

Use *CHEMISTRY, CHEMICAL PROPERTIES, or CHEMICAL REACTIONS (or an NT) in addition to one of the descriptors below.*

(Prior to May 1996 this was a valid ETDE descriptor.)

SEE positronium
SEE positronium compounds

POSITRONIUM COMPOUNDS

INIS: 1985-09-09; ETDE: 1977-05-07

Atom-positronium systems of the type (*X*;Ps) or (*X*;e⁺).

SF positronium chemistry
RT positronium

POSITRONS

*BT1 antileptons
NT1 cosmic positrons
RT beta particles
RT electron pairs
RT electrons
RT positron beams

RT positron sources

RT positronium

possession (nuclear materials)

INIS: 1976-12-08; ETDE: 2002-04-26

USE nuclear materials possession

POST-IRRADIATION EXAMINATION

1981-04-03

RT ceramography
RT chemical analysis
RT destructive testing
RT electron microprobe analysis
RT fuel elements
RT inspection
RT performance testing
RT spectroscopy

POST-IRRADIATION THERAPY

*BT1 therapy
RT biological recovery
RT blood substitutes

POST-TRANSLATION MODIFICATION

INIS: 1991-07-02; ETDE: 1987-04-24

Chemical modification of proteins after translation of the messenger RNA but prior to their becoming biologically active.

*BT1 biosynthesis
RT cell constituents
RT glucoproteins
RT glycoproteins
RT golgi complexes
RT messenger-rna
RT phosphoproteins
RT protein structure
RT proteins
RT proteolysis
RT transcription

POSTAL SERVICES

INIS: 2000-04-12; ETDE: 1980-08-12

RT delivery
RT vehicles

POSTULATED PARTICLES

1995-09-08

BT1 elementary particles
NT1 dilatons
NT1 dyons
NT1 goldstone bosons
NT2 axions
NT2 majorons
NT1 gravitons
NT1 heavy neutral muons
NT1 inflatons
NT1 leptiquarks
NT1 magnetic monopoles
NT1 plektons
NT1 preons
NT1 sparticles
NT2 dilatons
NT2 gluinos
NT2 gravitinos
NT2 higgsinos
NT2 neutralinos
NT2 photinos
NT2 winos
NT2 zinos
NT1 spurions
NT1 sterile neutrinos
NT1 tachyons
NT1 top particles
NT2 t quarks
NT3 t antiquarks
NT1 wimps

postum

1995-11-06

USE polonium 210

potable water

INIS: 2000-04-12; ETDE: 1980-02-11

USE drinking water

POTASSIUM

*BT1 alkali metals

POTASSIUM 32

2007-11-22

*BT1 light nuclei

*BT1 odd-odd nuclei

*BT1 potassium isotopes

POTASSIUM 33

2007-11-22

*BT1 light nuclei

*BT1 odd-even nuclei

*BT1 potassium isotopes

*BT1 proton decay radioisotopes

POTASSIUM 34

2007-11-22

*BT1 light nuclei

*BT1 odd-odd nuclei

*BT1 potassium isotopes

*BT1 proton decay radioisotopes

POTASSIUM 35

1976-07-30

*BT1 beta-plus decay radioisotopes

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 potassium isotopes

POTASSIUM 36

*BT1 beta-plus decay radioisotopes

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 potassium isotopes

POTASSIUM 37

*BT1 beta-plus decay radioisotopes

*BT1 light nuclei

*BT1 odd-even nuclei

*BT1 potassium isotopes

*BT1 seconds living radioisotopes

POTASSIUM 38

*BT1 beta-plus decay radioisotopes

*BT1 light nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 potassium isotopes

*BT1 seconds living radioisotopes

POTASSIUM 39

*BT1 light nuclei

*BT1 odd-even nuclei

*BT1 potassium isotopes

*BT1 stable isotopes

POTASSIUM 39 BEAMS

INIS: 1976-07-06; ETDE: 1976-09-15

*BT1 ion beams

POTASSIUM 39 REACTIONS

INIS: 1991-09-25; ETDE: 1994-08-10

*BT1 heavy ion reactions

POTASSIUM 39 TARGET

ETDE: 1976-07-09

BT1 targets

POTASSIUM 40

*BT1 beta-minus decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 isomeric transition isotopes

*BT1 light nuclei

*BT1 nanoseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 potassium isotopes

*BT1 years living radioisotopes

RT natural radioactivity

POTASSIUM 40 TARGET

ETDE: 1976-07-09

BT1 targets

POTASSIUM 41

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 potassium isotopes

*BT1 stable isotopes

RT potassium 41 beams

POTASSIUM 41 BEAMS

INIS: 1976-07-06; ETDE: 1976-08-24

*BT1 ion beams

RT potassium 41

POTASSIUM 41 TARGET

ETDE: 1976-07-09

BT1 targets

POTASSIUM 42

*BT1 beta-minus decay radioisotopes

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

*BT1 potassium isotopes

POTASSIUM 43

*BT1 beta-minus decay radioisotopes

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 potassium isotopes

POTASSIUM 44

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 potassium isotopes

POTASSIUM 45

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 potassium isotopes

POTASSIUM 46

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 potassium isotopes

POTASSIUM 47

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 potassium isotopes

*BT1 seconds living radioisotopes

POTASSIUM 48

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

*BT1 potassium isotopes

*BT1 seconds living radioisotopes

POTASSIUM 49

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 potassium isotopes

*BT1 seconds living radioisotopes

POTASSIUM 50

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 potassium isotopes

POTASSIUM 51

INIS: 1984-06-21; ETDE: 1981-01-27

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 potassium isotopes

POTASSIUM 52

INIS: 1984-06-21; ETDE: 1982-05-12

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 potassium isotopes

POTASSIUM 53

INIS: 1984-06-21; ETDE: 1984-02-10

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 potassium isotopes

POTASSIUM 54

INIS: 1984-06-21; ETDE: 1984-02-10

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 potassium isotopes

POTASSIUM 55

2007-11-22

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 potassium isotopes

POTASSIUM 56

2009-06-02

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

*BT1 potassium isotopes

POTASSIUM ADDITIONS

Alloys containing not more than 1% K are listed here.

RT potassium alloys

POTASSIUM ALLOYS

Alloys containing more than 1% K.

UF *nak*

BT1 alloys

NT1 potassium base alloys

RT potassium additions

POTASSIUM BASE ALLOYS

*BT1 potassium alloys

POTASSIUM BORIDES

*BT1 borides

*BT1 potassium compounds

POTASSIUM BROMIDES

*BT1 bromides

*BT1 potassium compounds

*BT1 potassium halides

POTASSIUM CARBIDES

*BT1 carbides

*BT1 potassium compounds

POTASSIUM CARBONATES

*BT1 carbonates

*BT1 potassium compounds

POTASSIUM CHLORIDES

*BT1 chlorides
*BT1 potassium compounds
*BT1 potassium halides
RT carnallite
RT halide minerals

POTASSIUM COMPLEXES

*BT1 alkali metal complexes

POTASSIUM COMPOUNDS

1996-07-23

UF potassium permanganates
UF prussian blue
BT1 alkali metal compounds
NT1 potassium borides
NT1 potassium bromides
NT1 potassium carbides
NT1 potassium carbonates
NT1 potassium chlorides
NT1 potassium fluorides
NT1 potassium halides
NT2 potassium bromides
NT2 potassium chlorides
NT2 potassium fluorides
NT2 potassium iodides
NT1 potassium hydrides
NT1 potassium hydroxides
NT1 potassium iodides
NT1 potassium nitrates
NT1 potassium nitrides
NT1 potassium oxides
NT1 potassium perchlorates
NT1 potassium phosphates
NT1 potassium phosphides
NT1 potassium selenides
NT1 potassium silicates
NT1 potassium silicides
NT1 potassium sulfates
NT1 potassium sulfides
NT1 potassium tellurides
NT1 potassium tungstates
NT1 potassium uranates
NT1 potassium vanadates
NT1 rochelle salt

POTASSIUM COOLED REACTORS

*BT1 liquid metal cooled reactors
NT1 ebr-1 reactor
NT1 ser reactor
NT1 snap 10 reactor
NT2 s10fs-1 reactor
NT2 s10fs-3 reactor
NT2 s10fs-4 reactor
NT1 snap-tsrf reactor
NT1 snaptran reactors
RT nak cooled reactors

POTASSIUM FLUORIDES

*BT1 fluorides
*BT1 potassium compounds
*BT1 potassium halides

POTASSIUM HALIDES

2012-07-25

*BT1 halides
*BT1 potassium compounds
NT1 potassium bromides
NT1 potassium chlorides
NT1 potassium fluorides
NT1 potassium iodides

POTASSIUM HYDRIDES

*BT1 hydrides
*BT1 potassium compounds

POTASSIUM HYDROXIDES

*BT1 hydroxides
*BT1 potassium compounds

POTASSIUM IODIDES

*BT1 inorganic phosphors
*BT1 iodides
*BT1 potassium compounds
*BT1 potassium halides
RT lugol

POTASSIUM IONS

*BT1 ions

POTASSIUM ISOTOPES

1999-07-16

BT1 isotopes
NT1 potassium 32
NT1 potassium 33
NT1 potassium 34
NT1 potassium 35
NT1 potassium 36
NT1 potassium 37
NT1 potassium 38
NT1 potassium 39
NT1 potassium 40
NT1 potassium 41
NT1 potassium 42
NT1 potassium 43
NT1 potassium 44
NT1 potassium 45
NT1 potassium 46
NT1 potassium 47
NT1 potassium 48
NT1 potassium 49
NT1 potassium 50
NT1 potassium 51
NT1 potassium 52
NT1 potassium 53
NT1 potassium 54
NT1 potassium 55
NT1 potassium 56

POTASSIUM NITRATES

*BT1 nitrates
*BT1 potassium compounds

POTASSIUM NITRIDES

*BT1 nitrides
*BT1 potassium compounds

POTASSIUM OXIDES

*BT1 oxides
*BT1 potassium compounds
RT clarkite
RT oxide minerals

POTASSIUM PERCHLORATES

*BT1 perchlorates
*BT1 potassium compounds

potassium permanganates

INIS: 2000-04-12; ETDE: 1975-09-11

(Prior to April 1997 this was a valid ETDE descriptor.)

USE permanganates
USE potassium compounds

POTASSIUM PHOSPHATES

*BT1 phosphates
*BT1 potassium compounds

POTASSIUM PHOSPHIDES

INIS: 1991-09-16; ETDE: 1984-12-26

*BT1 phosphides
*BT1 potassium compounds

POTASSIUM SELENIDES

INIS: 1991-09-16; ETDE: 1978-04-06

*BT1 potassium compounds
*BT1 selenides

POTASSIUM SILICATES

1996-11-13

*BT1 potassium compounds
*BT1 silicates

RT silicate minerals

POTASSIUM SILICIDES

INIS: 1996-07-23; ETDE: 1977-01-10

(From July 1996 to November 2007

POTASSIUM COMPOUNDS + SILICIDES was used for this concept.)

*BT1 potassium compounds
*BT1 silicides

POTASSIUM SULFATES

*BT1 potassium compounds
*BT1 sulfates
RT polyhalite
RT sulfate minerals

POTASSIUM SULFIDES

*BT1 potassium compounds
*BT1 sulfides

POTASSIUM TELLURIDES

INIS: 1979-09-18; ETDE: 1978-01-23

*BT1 potassium compounds
*BT1 tellurides

POTASSIUM TUNGSTATES

INIS: 1978-05-19; ETDE: 1976-01-23

*BT1 potassium compounds
*BT1 tungstates

POTASSIUM URANATES

INIS: 1975-11-27; ETDE: 1975-08-19

*BT1 potassium compounds
*BT1 uranates

POTASSIUM VANADATES

INIS: 1991-09-16; ETDE: 1981-06-13

*BT1 potassium compounds
*BT1 vanadates

potato plant

USE solanum tuberosum

potato tubers

USE potatoes

POTATOES

UF potato tubers
BT1 tubers
*BT1 vegetables
RT solanum tuberosum
RT sprout inhibition

potential (electric)

INIS: 1981-10-15; ETDE: 1979-03-27

USE electric potential

potential barriers

INIS: 2000-04-12; ETDE: 1979-04-11

USE potentials

POTENTIAL ENERGY

BT1 energy
NT1 fission barrier
RT kinetic energy
RT lagrangian function
RT landau-zener formula
RT potentials

POTENTIAL FLOW

BT1 fluid flow

POTENTIAL SCATTERING

*BT1 elastic scattering
RT coulomb scattering
RT potentials

POTENTIALS

INIS: 1996-06-28; ETDE: 1979-04-11

For the mathematical construct from which forces are derived by differentiation; not for ELECTRIC POTENTIAL.

UF levy-klein potential
UF levy potential

UF *periodic potentials*
 UF *potential barriers*
 NT1 buckingham potential
 NT1 central potential
 NT1 kihara potential
 NT1 lennard-jones potential
 NT1 morse potential
 NT1 muffin-tin potential
 NT1 nonlocal potential
 NT1 nuclear potential
 NT2 fission barrier
 NT2 hard-core potential
 NT2 harmonic potential
 NT2 hulthen potential
 NT2 soft-core potential
 NT2 square-well potential
 NT2 woods-saxon potential
 NT2 yukawa potential
 NT1 nucleon-nucleon potential
 NT2 gauss potential
 NT2 hamada-johnston potential
 NT2 reid potential
 NT2 schiffer potential
 NT2 skyrme potential
 NT2 surface delta potential
 NT2 yamaguchi potential
 NT1 ope potential
 NT2 gammel-thaler potential
 NT1 roche equipotentials
 NT1 surface potential
 NT1 tabakin potential
 RT electromagnetic fields
 RT fundamental interactions
 RT gravitational fields
 RT interatomic forces
 RT intermolecular forces
 RT noncentral forces
 RT nuclear forces
 RT potential energy
 RT potential scattering
 RT rosenfeld force
 RT tensor forces

POTENTIOMETERS

1983-02-04

*BT1 electric measuring instruments
 RT potentiostats
 RT resistors

potentiometers (variable resistors)

INIS: 1993-11-09; ETDE: 2002-04-26

USE resistors

POTENTIOMETRY

1996-10-23

*BT1 titration
 RT redox potential

POTENTIOSTATS

INIS: 2000-04-12; ETDE: 1979-03-28

Automatic instruments that control the potential of working electrodes during coulometric titrations.

BT1 measuring instruments
 RT potentiometers
 RT titration
 RT voltametry

POTHEADS

INIS: 2000-04-12; ETDE: 1977-03-08

Hermetically sealed terminations for electric cables.

*BT1 electrical equipment
 RT connectors

POTOMAC RIVER

1977-09-06

*BT1 rivers
 RT maryland
 RT potomac river basin
 RT virginia

RT west virginia

POTOMAC RIVER BASIN

INIS: 1992-01-14; ETDE: 1980-11-08

BT1 watersheds
 RT maryland
 RT pennsylvania
 RT potomac river
 RT virginia
 RT washington dc
 RT west virginia

potorous

USE marsupials

pott-broche process

2000-04-12

Direct conversion of coal to synthetic crude oil by hydrogenation after solvent extraction. (Prior to March 1994, this was a valid ETDE descriptor.)

USE coal liquefaction

POTTING

INIS: 1986-04-04; ETDE: 1979-04-12

Encapsulation with a shock-absorbing dielectric material.

RT dielectric materials
 RT electrical equipment
 RT electronic equipment
 RT encapsulation
 RT impact shock
 RT potting materials

POTTING MATERIALS

INIS: 1986-04-04; ETDE: 1979-03-29

Shock-absorbing dielectric materials used for encapsulation.

BT1 materials
 RT dielectric materials
 RT electrical equipment
 RT electronic equipment
 RT encapsulation
 RT epoxides
 RT potting

poultry

USE fowl

POUR POINT

2000-04-12

The lowest temperature at which a substance flows under specified conditions.

RT fluids
 RT liquids

POWDER METALLURGY

BT1 metallurgy
 RT compacting
 RT powders
 RT sintered materials
 RT sintering

POWDER RIVER BASIN

INIS: 1992-06-04; ETDE: 1985-08-22

*BT1 montana
 BT1 watersheds
 *BT1 wyoming
 RT coal deposits
 RT natural gas deposits
 RT petroleum deposits
 RT sedimentary basins

POWDERS

RT compacts
 RT debye-scherrer method
 RT dusts
 RT elutriation
 RT granular materials
 RT particle size
 RT particles
 RT powder metallurgy

RT pulverized fuels
 RT sintered materials
 RT specific surface area

POWER

NT1 electric power
 NT2 hydroelectric power
 NT2 hydrokinetic power
 NT2 off-peak power
 NT2 surplus power
 NT1 nuclear power
 NT2 residual power
 NT1 wave power
 NT1 wind power
 RT energy consumption
 RT power generation
 RT power input
 RT power range
 RT thermonuclear reactors

POWER AMPLIFIERS

*BT1 amplifiers

power beaming

INIS: 1992-08-11; ETDE: 2002-04-26

USE laser power transmission

power burst facility usaec

2000-04-12

USE pbf reactor

POWER COEFFICIENT

BT1 reactivity coefficients

POWER CONDITIONING CIRCUITS

1999-07-05

(Prior to December 1990, this concept was indexed by POWERCONDITIONING SYSTEMS and ELECTRONIC CIRCUITS.)

UF *power conditioning systems*
 BT1 electronic circuits
 RT control systems
 RT dc to dc converters
 RT inverters
 RT power supplies

power conditioning systems

INIS: 1990-12-15; ETDE: 1975-12-16

(Prior to December 1990, this was a valid descriptor.)

USE power conditioning circuits

power cooling mismatch

2017-07-18

USE power-cooling-mismatch accidents

POWER-COOLING-MISMATCH ACCIDENTS

UF *pcm accidents*
 UF *power cooling mismatch*
 *BT1 reactor accidents

POWER DEMAND

UF *loads (power demand)*
 BT1 demand
 RT demand factors
 RT electric power
 RT energy demand
 RT fill factors
 RT off-peak power
 RT peak load

POWER DENSITY

UF *density (power)*
 NT1 wall loading
 RT neutron density
 RT power distribution
 RT reactor cores
 RT reactor lattices

POWER DISTRIBUTION

INIS: 1999-10-12; ETDE: 1975-07-29

The spatial distribution of power level throughout a reactor core or fuel element. Not to be confused with the movement of power from one point to another, for which see POWER TRANSMISSION.

RT power density
RT reactor cores

POWER DISTRIBUTION SYSTEMS

INIS: 1992-04-02; ETDE: 1981-03-17

Systems for distributing electric power from convenient points on the transmission or bulk power system to the consumers.

RT gas-insulated substations
RT power substations
RT power systems
RT power transmission
RT smart grids

power excursions

USE excursions

POWER FACTOR

INIS: 2000-06-27; ETDE: 1977-09-19

The ratio of the average or active power to the apparent power.

UF phase factor
BT1 dimensionless numbers
RT interconnected power systems
RT power generation
RT power systems
RT power transmission
RT var control systems

POWER GENERATION

UF power production
NT1 cogeneration
NT1 microgeneration
NT1 on-site power generation
RT capacity
RT dispersed storage and generation
RT dual-purpose power plants
RT electric power
RT fill factors
RT flood control
RT gas turbine power plants
RT interconnected power systems
RT nuclear power
RT power
RT power factor
RT power plants
RT power pooling
RT power substations
RT power systems
RT refuse-fueled power plants

POWER INPUT

INIS: 1985-01-18; ETDE: 1977-09-19

Power required to operate machinery, appliance, or other device.

UF wattage
RT power

POWER LOSSES

INIS: 1999-07-06; ETDE: 1979-01-30

UF line losses
*BT1 energy losses
RT electric power
RT outages
RT power transmission

POWER METERS

INIS: 1992-07-22; ETDE: 1978-01-23

UF watt-hour meters
*BT1 electric measuring instruments
*BT1 meters
RT electric power
RT energy consumption
RT master metering

RT metering
RT peak-load pricing

power plant and industrial fuel use act

INIS: 2000-04-12; ETDE: 1980-05-06
(Prior to February 1992 this was a valid ETDE descriptor.)

USE us power plant and industrial fuel use act

POWER PLANTS

UF douglas point site
UF plants (power)
NT1 dual-purpose power plants
NT1 fuel cell power plants
NT1 gas turbine power plants
NT1 hydroelectric power plants
NT2 high-head hydroelectric power plants
NT2 low-head hydroelectric power plants
NT2 medium-head hydroelectric power plants
NT2 micro-scale hydroelectric power plants
NT2 pumped storage power plants
NT2 small-scale hydroelectric power plants
NT1 mhd power plants
NT2 mhd generator etf
NT1 peaking power plants
NT2 compressed air storage power plants
NT2 pumped storage power plants
NT1 solar power plants
NT2 ocean thermal power plants
NT2 orbital solar power plants
NT2 photovoltaic power plants
NT2 salinity gradient power plants
NT2 solar thermal power plants
NT3 distributed collector power plants
NT3 tower focus power plants
NT4 barstow solar pilot plant
NT1 thermal power plants
NT2 combined-cycle power plants
NT3 mhd generator etf
NT2 fossil-fuel power plants
NT3 kingston steam plant
NT3 paradise steam plant
NT3 shawnee steam plant
NT3 widows creek steam plant
NT2 geothermal power plants
NT2 nuclear power plants
NT3 bopssar standard plant
NT3 ebasco standard plant
NT3 gibbsar standard plant
NT3 offshore nuclear power plants
NT4 akademik lomonosov powership
NT3 swessar standard plant
NT3 underground nuclear stations
NT2 ocean thermal power plants
NT2 refuse-fueled power plants
NT2 solar thermal power plants
NT3 distributed collector power plants
NT3 tower focus power plants
NT4 barstow solar pilot plant
NT2 thermonuclear power plants
NT2 wood-fuel power plants
NT1 tidal power plants
NT2 kislogubsk power plant
NT2 passamaquoddy power plant
NT2 rance power plant
NT1 wind power plants
NT2 efd wind generators
RT combined cycles
RT electric power
RT off-peak power
RT on-site power generation

RT outages
RT power generation
RT power substations
RT power systems

power-plutonium production reactor richland

INIS: 1993-11-09; ETDE: 2002-04-26
USE n-reactor

POWER POOLING

INIS: 1999-07-07; ETDE: 1982-02-23

Coordination among electric utilities through formal agreements to share the planning and operation of power generation and transmission facilities.

RT electric utilities
RT interconnected power systems
RT power generation
RT power transmission

power pools

INIS: 2000-04-12; ETDE: 1980-03-04
USE interconnected power systems

POWER POTENTIAL

2000-04-12

RT electric power

power production

ETDE: 2002-04-26
USE power generation

POWER RANGE

INIS: 1988-04-15; ETDE: 1989-08-10

NT1 exawatt power range
NT2 power range 01-10 ew
NT2 power range 10-100 ew
NT2 power range 100-1000 ew
NT1 gigawatt power range
NT2 power range 01-10 gw
NT2 power range 10-100 gw
NT2 power range 100-1000 gw
NT1 kilowatt power range
NT2 power range 01-10 kw
NT2 power range 10-100 kw
NT2 power range 100-1000 kw
NT1 megawatt power range
NT2 power range 01-10 mw
NT2 power range 10-100 mw
NT2 power range 100-1000 mw
NT1 milliwatt power range
NT2 power range 01-10 milli w
NT2 power range 10-100 milli w
NT2 power range 100-1000 milli w
NT1 petawatt power range
NT2 power range 01-10 pw
NT2 power range 10-100 pw
NT2 power range 100-1000 pw
NT1 terawatt power range
NT2 power range 01-10 tw
NT2 power range 10-100 tw
NT2 power range 100-1000 tw
NT1 watt power range
NT2 power range 01-10 w
NT2 power range 10-100 w
NT2 power range 100-1000 w
RT power

POWER RANGE 01-10 EW

INIS: 2003-08-15; ETDE: 2002-09-17
*BT1 exawatt power range

POWER RANGE 01-10 GW

1988-04-15
(Prior to November 1989, this descriptor was POWER RANGE 1-10 GW.)
*BT1 gigawatt power range

POWER RANGE 01-10 KW

1988-04-15

(Prior to November 1989, this descriptor was
POWER RANGE 1-10 KW.)

*BT1 kilowatt power range

POWER RANGE 01-10 MILLI W

2003-08-18

*BT1 milliwatt power range

POWER RANGE 01-10 MW

1988-04-15

(Prior to November 1989, this descriptor was
POWER RANGE 1-10 MW.)

*BT1 megawatt power range

POWER RANGE 01-10 PW

INIS: 2003-08-15; ETDE: 2002-09-17

*BT1 petawatt power range

POWER RANGE 01-10 TW

INIS: 2000-04-12; ETDE: 1982-05-24

(Prior to November 1989, this descriptor was
POWER RANGE 1-10 TW.)

*BT1 terawatt power range

POWER RANGE 01-10 W

1988-04-15

(Prior to November 1989, this descriptor was
POWER RANGE 1-10 W.)

*BT1 watt power range

POWER RANGE 10-100 EW

INIS: 2003-08-15; ETDE: 2002-09-17

*BT1 exawatt power range

POWER RANGE 10-100 GW

INIS: 1988-04-15; ETDE: 1975-09-11

*BT1 gigawatt power range

POWER RANGE 10-100 KW

1988-04-15

*BT1 kilowatt power range

POWER RANGE 10-100 MILLI W

2003-08-18

*BT1 milliwatt power range

POWER RANGE 10-100 MW

1988-04-15

*BT1 megawatt power range

POWER RANGE 10-100 PW

INIS: 2003-08-15; ETDE: 2002-09-17

*BT1 petawatt power range

POWER RANGE 10-100 TW

INIS: 2003-08-15; ETDE: 2002-09-17

*BT1 terawatt power range

POWER RANGE 10-100 W

1988-04-15

*BT1 watt power range

POWER RANGE 100-1000 EW

INIS: 2003-08-15; ETDE: 2002-09-17

*BT1 exawatt power range

POWER RANGE 100-1000 GW

INIS: 1988-04-15; ETDE: 1975-09-11

*BT1 gigawatt power range

POWER RANGE 100-1000 KW

1988-04-15

*BT1 kilowatt power range

POWER RANGE 100-1000 MILLI W

2003-08-18

*BT1 milliwatt power range

POWER RANGE 100-1000 MW

1988-04-15

*BT1 megawatt power range

POWER RANGE 100-1000 PW

INIS: 2003-08-15; ETDE: 2002-09-17

*BT1 petawatt power range

POWER RANGE 100-1000 TW

INIS: 2003-08-15; ETDE: 2002-09-17

*BT1 terawatt power range

POWER RANGE 100-1000 W

1988-04-15

*BT1 watt power range

power range milli w

2000-04-12

USE milliwatt power range

**power reactor and nuclear fuel
development corporation**

1993-11-09

*The Power Reactor and Nuclear Fuel
Development Corporation (PNC) was
reorganized and renamed as the Japan
Nuclear Cycle Development Institute (JNC) in
October 1998.*

USE pnc

POWER REACTORS

1996-02-09

BT1 reactors

NT1 agesta reactor

NT1 aipfr reactor

NT1 ao-phai-1 reactor

NT1 aps reactor

NT1 arbus reactor

NT1 avr reactor

NT1 beloyarsk-1 reactor

NT1 beloyarsk-2 reactor

NT1 beloyarsk-3 reactor

NT1 beloyarsk-4 reactor

NT1 bilibin reactor

NT1 bn-1200 reactor

NT1 bn-1600 reactor

NT1 bn-350 reactor

NT1 bohunice a-1 reactor

NT1 bohunice a-2 reactor

NT1 bor-60 reactor

NT1 borax-3 reactor

NT1 borax-4 reactor

NT1 borax-5 reactor

NT1 brest-od-300 reactor

NT1 bugey-1 reactor

NT1 bwr type reactors

NT2 allens creek-1 reactor

NT2 allens creek-2 reactor

NT2 bailly-1 reactor

NT2 barsebaeck-1 reactor

NT2 barsebaeck-2 reactor

NT2 barton-1 reactor

NT2 barton-2 reactor

NT2 barton-3 reactor

NT2 barton-4 reactor

NT2 bell reactor

NT2 big rock point reactor

NT2 black fox-1 reactor

NT2 black fox-2 reactor

NT2 bolsa chica-1 reactor

NT2 bolsa chica-2 reactor

NT2 bonus reactor

NT2 browns ferry-1 reactor

NT2 browns ferry-2 reactor

NT2 browns ferry-3 reactor

NT2 brunsbuettel reactor

NT2 brunswick-1 reactor

NT2 brunswick-2 reactor

NT2 chinshan-1 reactor

NT2 chinshan-2 reactor

NT2 clinton-1 reactor

NT2 clinton-2 reactor

NT2 cofrentes reactor

NT2 cooper reactor

NT2 dodewaard reactor

NT2 douglas point-1 reactor

NT2 douglas point-2 reactor

NT2 dresden-1 reactor

NT2 dresden-2 reactor

NT2 dresden-3 reactor

NT2 duane arnold-1 reactor

NT2 ebwr reactor

NT2 enel-4 reactor

NT2 enrico fermi-2 reactor

NT2 err reactor

NT2 fitzpatrick reactor

NT2 forsmark-1 reactor

NT2 forsmark-2 reactor

NT2 forsmark-3 reactor

NT2 fukushima-1 reactor

NT2 fukushima-2 reactor

NT2 fukushima-3 reactor

NT2 fukushima-4 reactor

NT2 fukushima-5 reactor

NT2 fukushima-6 reactor

NT2 fukushima-ii-1 reactor

NT2 fukushima-ii-2 reactor

NT2 fukushima-ii-3 reactor

NT2 fukushima-ii-4 reactor

NT2 garigliano reactor

NT2 garona reactor

NT2 ge standard reactor

NT2 graben-1 reactor

NT2 graben-2 reactor

NT2 grand gulf-1 reactor

NT2 grand gulf-2 reactor

NT2 gundremmingen-2 reactor

NT2 gundremmingen-3 reactor

NT2 hamaoka-1 reactor

NT2 hamaoka-2 reactor

NT2 hamaoka-3 reactor

NT2 hamaoka-4 reactor

NT2 hamaoka-5 reactor

NT2 hartsville-1 reactor

NT2 hartsville-2 reactor

NT2 hartsville-3 reactor

NT2 hartsville-4 reactor

NT2 hatch-1 reactor

NT2 hatch-2 reactor

NT2 hdr reactor

NT2 higashidori-1 reactor

NT2 hope creek-1 reactor

NT2 hope creek-2 reactor

NT2 humboldt bay reactor

NT2 isar reactor

NT2 jpdr-2 reactor

NT2 jpdr reactor

NT2 kaiseraugst reactor

NT2 kashiwazaki-kariwa-1 reactor

NT2 kashiwazaki-kariwa-2 reactor

NT2 kashiwazaki-kariwa-3 reactor

NT2 kashiwazaki-kariwa-4 reactor

NT2 kashiwazaki-kariwa-5 reactor

NT2 kashiwazaki-kariwa-6 reactor

NT2 kashiwazaki-kariwa-7 reactor

NT2 kruemmel reactor

NT2 kuosheng-1 reactor

NT2 kuosheng-2 reactor

NT2 la salle county-1 reactor

NT2 la salle county-2 reactor

NT2 lacbwr reactor

NT2 laguna verde-1 reactor

NT2 laguna verde-2 reactor

NT2 leibstadt reactor

NT2 limerick-1 reactor

NT2 limerick-2 reactor

NT2 lingen reactor

NT2 lungmen-1 reactor

NT2 lungmen-2 reactor

NT2 mendocino-1 reactor

NT2 mendocino-2 reactor

NT2 millstone-1 reactor

NT2 montague-1 reactor

NT2	montague-2 reactor	NT1	fulton-2 reactor	NT3	bruce-7 reactor
NT2	montalto di castro-1 reactor	NT1	ga standard reactor	NT3	bruce-8 reactor
NT2	montalto di castro-2 reactor	NT1	gcre reactor	NT3	cernavoda-1 reactor
NT2	monticello reactor	NT1	ginna-2 reactor	NT3	cernavoda-2 reactor
NT2	muehleberg reactor	NT1	hartlepool reactor	NT3	cordoba reactor
NT2	nine mile point-1 reactor	NT1	hbwr reactor	NT3	darlington-1 reactor
NT2	nine mile point-2 reactor	NT1	heysham-a reactor	NT3	darlington-2 reactor
NT2	okg-1 reactor	NT1	heysham-b reactor	NT3	darlington-3 reactor
NT2	okg-2 reactor	NT1	hinkley point-b reactor	NT3	darlington-4 reactor
NT2	okg-3 reactor	NT1	hnpf reactor	NT3	douglas point ontario reactor
NT2	olkiluoto-1 reactor	NT1	hokuriku-1 reactor	NT3	embalse reactor
NT2	olkiluoto-2 reactor	NT1	hre-2 reactor	NT3	gentilly-1 reactor
NT2	onagawa-1 reactor	NT1	hunterston-b reactor	NT3	gentilly-2 reactor
NT2	onagawa-2 reactor	NT1	ignalina-1 reactor	NT3	kaiga-1 reactor
NT2	onagawa-3 reactor	NT1	ignalina-2 reactor	NT3	kaiga-2 reactor
NT2	oyster creek-1 reactor	NT1	jervis bay reactor	NT3	kakrapar-1 reactor
NT2	pathfinder reactor	NT1	joyo reactor	NT3	kakrapar-2 reactor
NT2	peach bottom-2 reactor	NT1	kaiga-3 reactor	NT3	kanupp reactor
NT2	peach bottom-3 reactor	NT1	kaiga-4 reactor	NT3	npd reactor
NT2	perry-1 reactor	NT1	knk-2 reactor	NT3	pickering-1 reactor
NT2	perry-2 reactor	NT1	knk reactor	NT3	pickering-2 reactor
NT2	philippsburg-1 reactor	NT1	kursk-1 reactor	NT3	pickering-3 reactor
NT2	phipps bend-1 reactor	NT1	kursk-2 reactor	NT3	pickering-4 reactor
NT2	phipps bend-2 reactor	NT1	kursk-3 reactor	NT3	pickering-5 reactor
NT2	pilgrim-1 reactor	NT1	kursk-4 reactor	NT3	pickering-6 reactor
NT2	quad cities-1 reactor	NT1	lampre-1 reactor	NT3	pickering-7 reactor
NT2	quad cities-2 reactor	NT1	leningrad-1 reactor	NT3	pickering-8 reactor
NT2	ringhals-1 reactor	NT1	leningrad-2 reactor	NT3	point lepreau-1 reactor
NT2	river bend-1 reactor	NT1	leningrad-3 reactor	NT3	point lepreau-2 reactor
NT2	river bend-2 reactor	NT1	leningrad-4 reactor	NT3	qinshan-3-1 reactor
NT2	rwe-bayernwerk reactor	NT1	magnox type reactors	NT3	qinshan-3-2 reactor
NT2	shika-1 reactor	NT2	berkeley reactor	NT3	rajasthan-1 reactor
NT2	shika-2 reactor	NT2	bradwell reactor	NT3	rajasthan-2 reactor
NT2	shimane-1 reactor	NT2	calder hall a-1 reactor	NT3	rajasthan-3 reactor
NT2	shimane-2 reactor	NT2	calder hall a-2 reactor	NT3	rajasthan-4 reactor
NT2	shimane-3 reactor	NT2	calder hall b-3 reactor	NT3	wolsung-1 reactor
NT2	shoreham reactor	NT2	calder hall b-4 reactor	NT3	wolsung-2 reactor
NT2	skagit-1 reactor	NT2	chapelcross-1 reactor	NT3	wolsung-3 reactor
NT2	skagit-2 reactor	NT2	chapelcross-2 reactor	NT3	wolsung-4 reactor
NT2	sl-1 reactor	NT2	chapelcross-3 reactor	NT2	cirene reactor
NT2	susquehanna-1 reactor	NT2	chapelcross-4 reactor	NT2	cvtr reactor
NT2	susquehanna-2 reactor	NT2	dungeness-a reactor	NT2	el-4 reactor
NT2	tarapur-1 reactor	NT2	hinkley point-a reactor	NT2	jatr reactor
NT2	tarapur-2 reactor	NT2	hunterston-a reactor	NT2	kalpakkam-1 reactor
NT2	tokai-2 reactor	NT2	latina reactor	NT2	kalpakkam-2 reactor
NT2	tsuruga reactor	NT2	oldbury-a reactor	NT2	lucens reactor
NT2	tullnerfeld reactor	NT2	sizewell-a reactor	NT2	niederaichbach reactor
NT2	vak reactor	NT2	tokai-mura reactor	NT2	prtr reactor
NT2	vbwr reactor	NT2	trawsfynydd reactor	NT2	sghwr reactor
NT2	vermont yankee reactor	NT2	wylfa reactor	NT1	propulsion reactors
NT2	verplanck-1 reactor	NT1	marviken reactor	NT2	aircraft propulsion reactors
NT2	verplanck-2 reactor	NT1	ml-1 reactor	NT3	xma-1 reactor
NT2	vk-50 reactor	NT1	monju reactor	NT2	ship propulsion reactors
NT2	wnp-2 reactor	NT1	msre reactor	NT3	efdr-50 reactor
NT2	wuergassen reactor	NT1	mzfr reactor	NT3	lenin reactor
NT2	zimmer-1 reactor	NT1	n-reactor	NT3	leonid brezhnev reactor
NT2	zimmer-2 reactor	NT1	narora-1 reactor	NT3	mutsu reactor
NT1	cdfr reactor	NT1	narora-2 reactor	NT3	otto hahn reactor
NT1	chernobylsk-1 reactor	NT1	okg-4 reactor	NT3	savannah reactor
NT1	chernobylsk-2 reactor	NT1	oldbury-b reactor	NT3	sibir reactor
NT1	chernobylsk-3 reactor	NT1	package reactors	NT2	space propulsion reactors
NT1	chernobylsk-4 reactor	NT1	peach bottom-1 reactor	NT3	kiwi reactors
NT1	chinon-a1 reactor	NT1	pec brasimone reactor	NT4	kiwi-tnt reactor
NT1	chinon-a2 reactor	NT1	perryman-1 reactor	NT3	nerva reactor
NT1	chinon-a3 reactor	NT1	perryman-2 reactor	NT3	nrx-a1 reactor
NT1	clinch river breeder reactor	NT1	pfr reactor	NT3	nrx-a2 reactor
NT1	connah quay-b reactor	NT1	phenix reactor	NT3	nrx-a3 reactor
NT1	dfr reactor	NT1	plbr reactor	NT3	nrx-a4-est reactor
NT1	dragon reactor	NT1	pnpf reactor	NT3	nrx-a5 reactor
NT1	dungeness-b reactor	NT1	pressure tube reactors	NT3	nrx-a6 reactor
NT1	ebor reactor	NT2	atucha-1 reactor	NT3	nrx-a7 reactor
NT1	ebr-1 reactor	NT2	atucha-2 reactor	NT3	pewee-1 reactor
NT1	ebr-2 reactor	NT2	candu type reactors	NT3	pewee-2 reactor
NT1	egcr reactor	NT3	bruce-1 reactor	NT3	pewee-3 reactor
NT1	enrico fermi-1 reactor	NT3	bruce-2 reactor	NT3	pewee-4 reactor
NT1	epcc reactor	NT3	bruce-3 reactor	NT3	phoebus-1a reactor
NT1	escom reactor	NT3	bruce-4 reactor	NT3	phoebus-1b reactor
NT1	evsr reactor	NT3	bruce-5 reactor	NT3	phoebus-2a reactor
NT1	fulton-1 reactor	NT3	bruce-6 reactor	NT3	rover reactors

NT3	twmr reactor	NT2	civaux-1 reactor	NT2	harris-4 reactor
NT3	xe-2 reactor	NT2	civaux-2 reactor	NT2	haven-1 reactor
NT2	tory-2a reactor	NT2	comanche peak-1 reactor	NT3	koshkonong-1 reactor
NT2	tory-2c reactor	NT2	comanche peak-2 reactor	NT2	haven-2 reactor
NT2	xe-prime reactor	NT2	connecticut yankee reactor	NT3	koshkonong-2 reactor
NT1	pwr type reactors	NT2	cook-1 reactor	NT2	hongyanhe-1 reactor
NT2	aguirre reactor	NT2	cook-2 reactor	NT2	hongyanhe-2 reactor
NT2	almaraz-1 reactor	NT2	cruas-1 reactor	NT2	hongyanhe-3 reactor
NT2	almaraz-2 reactor	NT2	cruas-2 reactor	NT2	hongyanhe-4 reactor
NT2	angra-1 reactor	NT2	cruas-3 reactor	NT2	ikata-2 reactor
NT2	angra-2 reactor	NT2	cruas-4 reactor	NT2	ikata-3 reactor
NT2	angra-3 reactor	NT2	crystal river-3 reactor	NT2	ikata reactor
NT2	arkansas-1 reactor	NT2	crystal river-4 reactor	NT2	indian point-1 reactor
NT2	arkansas-2 reactor	NT2	dampierre-1 reactor	NT2	indian point-2 reactor
NT2	asco-1 reactor	NT2	dampierre-2 reactor	NT2	indian point-3 reactor
NT2	asco-2 reactor	NT2	dampierre-3 reactor	NT2	iran-1 reactor
NT2	atlantic-1 reactor	NT2	dampierre-4 reactor	NT2	iran-2 reactor
NT2	atlantic-2 reactor	NT2	davis besse-1 reactor	NT2	isar-2 reactor
NT2	basf-1 reactor	NT2	davis besse-2 reactor	NT2	jamesport-1 reactor
NT2	basf-2 reactor	NT2	davis besse-3 reactor	NT2	jamesport-2 reactor
NT2	beaver valley-1 reactor	NT2	daya bay-1 reactor	NT2	kewaunee reactor
NT2	beaver valley-2 reactor	NT2	daya bay-2 reactor	NT2	klt-40 reactors
NT2	bellefonte-1 reactor	NT2	diablo canyon-1 reactor	NT2	klt-40m reactors
NT2	bellefonte-2 reactor	NT2	diablo canyon-2 reactor	NT2	klt-40s reactor
NT2	belleville-1 reactor	NT2	doel-1 reactor	NT2	koeberg-1 reactor
NT2	belleville-2 reactor	NT2	doel-2 reactor	NT2	koeberg-2 reactor
NT2	beznau-1 reactor	NT2	doel-3 reactor	NT2	kori-1 reactor
NT2	beznau-2 reactor	NT2	doel-4 reactor	NT2	kori-2 reactor
NT2	biblis-1 reactor	NT2	efdr-50 reactor	NT2	kori-3 reactor
NT2	biblis-2 reactor	NT2	emsland reactor	NT2	kori-4 reactor
NT2	biblis-3 reactor	NT2	erie-1 reactor	NT2	krsko reactor
NT2	biblis-4 reactor	NT2	erie-2 reactor	NT2	lemoniz-1 reactor
NT2	blayais-1 reactor	NT2	fangchenggang-1 reactor	NT2	lemoniz-2 reactor
NT2	blayais-2 reactor	NT2	fangchenggang-2 reactor	NT2	lenin reactor
NT2	blayais-3 reactor	NT2	fangjiashan-1 reactor	NT2	leonid brezhnev reactor
NT2	blayais-4 reactor	NT2	fangjiashan-2 reactor	NT2	lingao-1 reactor
NT2	blue hills-1 reactor	NT2	farley-1 reactor	NT2	lingao-2 reactor
NT2	blue hills-2 reactor	NT2	farley-2 reactor	NT2	lingao-3 reactor
NT2	borssele reactor	NT2	fessenheim-1 reactor	NT2	lingao-4 reactor
NT2	br-3 reactor	NT2	fessenheim-2 reactor	NT2	loft reactor
NT2	braidwood-1 reactor	NT2	flamanville-1 reactor	NT2	lucie-1 reactor
NT2	braidwood-2 reactor	NT2	flamanville-2 reactor	NT2	lucie-2 reactor
NT2	brokdorf reactor	NT2	flamanville-3 reactor	NT2	maanshan-1 reactor
NT2	bugey-2 reactor	NT2	forked river-1 reactor	NT2	maanshan-2 reactor
NT2	bugey-3 reactor	NT2	fuqing-1 reactor	NT2	maine yankee reactor
NT2	bugey-4 reactor	NT2	fuqing-2 reactor	NT2	malibu-1 reactor
NT2	bugey-5 reactor	NT2	fuqing-3 reactor	NT2	marble hill-1 reactor
NT2	bw standard reactor	NT2	fuqing-4 reactor	NT2	marble hill-2 reactor
NT2	byron-1 reactor	NT2	fuqing-5 reactor	NT2	mc guire-1 reactor
NT2	byron-2 reactor	NT2	fuqing-6 reactor	NT2	mc guire-2 reactor
NT2	calhoun-1 reactor	NT2	genkai-1 reactor	NT2	mh-1a reactor
NT2	calhoun-2 reactor	NT2	genkai-2 reactor	NT2	midland-1 reactor
NT2	callaway-1 reactor	NT2	genkai-3 reactor	NT2	midland-2 reactor
NT2	callaway-2 reactor	NT2	genkai-4 reactor	NT2	mihama-1 reactor
NT2	calvert cliffs-1 reactor	NT2	ginna-1 reactor	NT2	mihama-2 reactor
NT2	calvert cliffs-2 reactor	NT2	goesgen reactor	NT2	mihama-3 reactor
NT2	carem 25 reactor	NT2	golfech-1 reactor	NT2	millstone-2 reactor
NT2	catawba-1 reactor	NT2	golfech-2 reactor	NT2	millstone-3 reactor
NT2	catawba-2 reactor	NT2	grafenrheinfeld reactor	NT2	muelheim-kaerlich reactor
NT2	cattenom-1 reactor	NT2	gravelines-1 reactor	NT2	mutsu reactor
NT2	cattenom-2 reactor	NT2	gravelines-2 reactor	NT2	neckar-1 reactor
NT2	cattenom-3 reactor	NT2	gravelines-3 reactor	NT2	neckar-2 reactor
NT2	cattenom-4 reactor	NT2	gravelines-4 reactor	NT2	nep-1 reactor
NT2	ce standard reactor	NT2	gravelines-5 reactor	NT2	nep-2 reactor
NT2	changjiang-1 reactor	NT2	gravelines-6 reactor	NT2	neupotz-1 reactor
NT2	changjiang-2 reactor	NT2	greene county reactor	NT2	neupotz-2 reactor
NT2	chasnupp-1 reactor	NT2	greenwood-2 reactor	NT2	ningde-1 reactor
NT2	chasnupp-2 reactor	NT2	greenwood-3 reactor	NT2	ningde-2 reactor
NT2	chasnupp-3 reactor	NT2	grohnde reactor	NT2	ningde-3 reactor
NT2	cherokee-1 reactor	NT2	hamm-uentrop reactor	NT2	ningde-4 reactor
NT2	cherokee-2 reactor	NT2	hanbit-1 reactor	NT2	nogent-1 reactor
NT2	cherokee-3 reactor	NT2	hanbit-2 reactor	NT2	nogent-2 reactor
NT2	chinon-b1 reactor	NT2	hanbit-3 reactor	NT2	north anna-1 reactor
NT2	chinon-b2 reactor	NT2	hanbit-4 reactor	NT2	north anna-2 reactor
NT2	chinon-b3 reactor	NT2	hanbit-5 reactor	NT2	north anna-3 reactor
NT2	chinon-b4 reactor	NT2	hanbit-6 reactor	NT2	north anna-4 reactor
NT2	chooz-a reactor	NT2	harris-1 reactor	NT2	north coast-1 reactor
NT2	chooz-b1 reactor	NT2	harris-2 reactor	NT2	obrigheim reactor
NT2	chooz-b2 reactor	NT2	harris-3 reactor	NT2	oconee-1 reactor

NT2	oconee-2 reactor	NT2	sizewell-b reactor	NT3	dukovany-2 reactor
NT2	oconee-3 reactor	NT2	sm-1 reactor	NT3	dukovany-3 reactor
NT2	oi-1 reactor	NT2	sm-1a reactor	NT3	dukovany-4 reactor
NT2	oi-2 reactor	NT2	south texas project-1 reactor	NT3	greifswald-1 reactor
NT2	oi-3 reactor	NT2	south texas project-2 reactor	NT3	greifswald-2 reactor
NT2	oi-4 reactor	NT2	stade reactor	NT3	greifswald-3 reactor
NT2	ok-900a reactors	NT2	sterling-1 reactor	NT3	greifswald-4 reactor
NT2	oktemberyan-2 reactor	NT2	sterling-2 reactor	NT3	greifswald-5 reactor
NT2	olkiluoto-3 reactor	NT2	summer-1 reactor	NT3	greifswald-6 reactor
NT2	otto hahn reactor	NT2	sundesert-1 reactor	NT3	juragua-1 reactor
NT2	palisades-1 reactor	NT2	sundesert-2 reactor	NT3	kalinin-1 reactor
NT2	palo verde-1 reactor	NT2	surry-1 reactor	NT3	kalinin-2 reactor
NT2	palo verde-2 reactor	NT2	surry-2 reactor	NT3	kalinin-3 reactor
NT2	palo verde-3 reactor	NT2	surry-3 reactor	NT3	kalinin-4 reactor
NT2	palo verde-4 reactor	NT2	surry-4 reactor	NT3	kecerovce-1 reactor
NT2	palo verde-5 reactor	NT2	takahama-1 reactor	NT3	khmel'nitskij-1 reactor
NT2	paluel-1 reactor	NT2	takahama-2 reactor	NT3	khmel'nitskij-2 reactor
NT2	paluel-2 reactor	NT2	takahama-3 reactor	NT3	kola-1 reactor
NT2	paluel-3 reactor	NT2	takahama-4 reactor	NT3	kola-2 reactor
NT2	paluel-4 reactor	NT2	three mile island-1 reactor	NT3	kola-3 reactor
NT2	pat reactor	NT2	three mile island-2 reactor	NT3	kola-4 reactor
NT2	pebble springs-1 reactor	NT2	tihange-2 reactor	NT3	kozloduy-1 reactor
NT2	pebble springs-2 reactor	NT2	tihange-3 reactor	NT3	kozloduy-2 reactor
NT2	penly-1 reactor	NT2	tihange reactor	NT3	kozloduy-3 reactor
NT2	penly-2 reactor	NT2	tomari-1 reactor	NT3	kozloduy-4 reactor
NT2	penly-3 reactor	NT2	tomari-2 reactor	NT3	kozloduy-5 reactor
NT2	perkins-1 reactor	NT2	tomari-3 reactor	NT3	kozloduy-6 reactor
NT2	perkins-2 reactor	NT2	tricastin-1 reactor	NT3	kudankulam-1 reactor
NT2	perkins-3 reactor	NT2	tricastin-2 reactor	NT3	kudankulam-2 reactor
NT2	philippsburg-2 reactor	NT2	tricastin-3 reactor	NT3	loviisa-1 reactor
NT2	pilgrim-2 reactor	NT2	tricastin-4 reactor	NT3	loviisa-2 reactor
NT2	pilgrim-3 reactor	NT2	trillo-1 reactor	NT3	mochovec-1 reactor
NT2	pm-2a reactor	NT2	trojan reactor	NT3	mochovec-2 reactor
NT2	pm-3a reactor	NT2	tsuruga-2 reactor	NT3	novovoronezh-1 reactor
NT2	pnpp-1 reactor	NT2	turkey point-3 reactor	NT3	novovoronezh-2 reactor
NT2	point beach-1 reactor	NT2	turkey point-4 reactor	NT3	novovoronezh-3 reactor
NT2	point beach-2 reactor	NT2	tva-1 reactor	NT3	novovoronezh-4 reactor
NT2	prairie island-1 reactor	NT2	tva-2 reactor	NT3	novovoronezh-5 reactor
NT2	prairie island-2 reactor	NT2	tyrone-1 reactor	NT3	paks-1 reactor
NT2	qinshan-1 reactor	NT2	tyrone-2 reactor	NT3	paks-2 reactor
NT2	qinshan-2-1 reactor	NT2	ulchin-1 reactor	NT3	paks-3 reactor
NT2	qinshan-2-2 reactor	NT2	ulchin-2 reactor	NT3	paks-4 reactor
NT2	qinshan-2-3 reactor	NT2	ulchin-3 reactor	NT3	rostov-1 reactor
NT2	qinshan-2-4 reactor	NT2	ulchin-4 reactor	NT3	rostov-2 reactor
NT2	quanicassee-1 reactor	NT2	ulchin-5 reactor	NT3	rostov-3 reactor
NT2	quanicassee-2 reactor	NT2	ulchin-6 reactor	NT3	rovno-1 reactor
NT2	rancho seco-1 reactor	NT2	unterweser reactor	NT3	rovno-2 reactor
NT2	remerschen reactor	NT2	vahnum-1 reactor	NT3	rovno-3 reactor
NT2	rheinsberg akw1 reactor	NT2	vahnum-2 reactor	NT3	rovno-4 reactor
NT2	ringhals-2 reactor	NT2	vandellos-2 reactor	NT3	rovno-5 reactor
NT2	ringhals-3 reactor	NT2	vogtle-1 reactor	NT3	south ukrainian-1 reactor
NT2	ringhals-4 reactor	NT2	vogtle-2 reactor	NT3	south ukrainian-2 reactor
NT2	robinson-2 reactor	NT2	vogtle-3 reactor	NT3	south ukrainian-3 reactor
NT2	rooppur reactor	NT2	vogtle-4 reactor	NT3	stendal-1 reactor
NT2	rowe yankee reactor	NT2	waterford-3 reactor	NT3	tatarian reactor
NT2	s1c prototype reactor	NT2	waterford-4 reactor	NT3	temelin-1 reactor
NT2	saint alban-1 reactor	NT2	watts bar-1 reactor	NT3	temelin-2 reactor
NT2	saint alban-2 reactor	NT2	watts bar-2 reactor	NT3	tianwan-1 reactor
NT2	saint laurent-b1 reactor	NT2	westinghouse standard reactor	NT3	tianwan-2 reactor
NT2	saint laurent-b2 reactor	NT2	wnp-1 reactor	NT3	zaporozhe-1 reactor
NT2	salem-1 reactor	NT2	wnp-3 reactor	NT3	zaporozhe-2 reactor
NT2	salem-2 reactor	NT2	wnp-4 reactor	NT3	zaporozhe-3 reactor
NT2	san onofre-1 reactor	NT2	wnp-5 reactor	NT3	zaporozhe-4 reactor
NT2	san onofre-2 reactor	NT2	wolf creek-1 reactor	NT3	zaporozhe-5 reactor
NT2	san onofre-3 reactor	NT2	wup-3 reactor	NT3	zaporozhe-6 reactor
NT2	savannah reactor	NT2	wup-4 reactor	NT2	wyhl-1 reactor
NT2	saxton reactor	NT2	wup-5 reactor	NT2	wyhl-2 reactor
NT2	seabrook-1 reactor	NT2	wup-6 reactor	NT2	yangjiang-1 reactor
NT2	seabrook-2 reactor	NT2	wwer type reactors	NT2	yangjiang-2 reactor
NT2	selni reactor	NT3	armenian-1 reactor	NT2	yangjiang-3 reactor
NT2	sendai-1 reactor	NT3	armenian-2 reactor	NT2	yangjiang-4 reactor
NT2	sendai-2 reactor	NT3	balakovo-1 reactor	NT2	yellow creek-1 reactor
NT2	sequoyah-1 reactor	NT3	balakovo-2 reactor	NT2	yellow creek-2 reactor
NT2	sequoyah-2 reactor	NT3	balakovo-3 reactor	NT2	zion-1 reactor
NT2	shin-kori-1 reactor	NT3	balakovo-4 reactor	NT2	zion-2 reactor
NT2	shin-kori-2 reactor	NT3	blahutovice-1 reactor	NT2	zorita-1 reactor
NT2	shin-kori-3 reactor	NT3	bohunice v-1 reactor	NT1	rajasthan-5 reactor
NT2	shin-wolsong-1 reactor	NT3	bohunice v-2 reactor	NT1	rajasthan-6 reactor
NT2	shippingport reactor	NT3	dukovany-1 reactor	NT1	rancho seco-2 reactor

NT1 saint laurent-a1 reactor
NT1 saint laurent-a2 reactor
NT1 schmehausen-2 reactor
NT1 sefor reactor
NT1 smolensk-1 reactor
NT1 smolensk-2 reactor
NT1 smolensk-3 reactor
NT1 snr-2 reactor
NT1 snr reactor
NT1 space power reactors
NT2 snap reactors
NT3 snap 10 reactor
NT4 s10fs-1 reactor
NT4 s10fs-3 reactor
NT4 s10fs-4 reactor
NT3 snap 2 reactor
NT4 s2ds reactor
NT3 snap 50 reactor
NT3 snap 8 reactor
NT4 s8dr reactor
NT4 s8er reactor
NT2 space propulsion reactors
NT3 kiwi reactors
NT4 kiwi-tnt reactor
NT3 nerva reactor
NT3 nrx-a1 reactor
NT3 nrx-a2 reactor
NT3 nrx-a3 reactor
NT3 nrx-a4-est reactor
NT3 nrx-a5 reactor
NT3 nrx-a6 reactor
NT3 nrx-a7 reactor
NT3 pewee-1 reactor
NT3 pewee-2 reactor
NT3 pewee-3 reactor
NT3 pewee-4 reactor
NT3 phoebus-1a reactor
NT3 phoebus-1b reactor
NT3 phoebus-2a reactor
NT3 rover reactors
NT3 twmr reactor
NT3 xe-2 reactor
NT1 sre reactor
NT1 summit-1 reactor
NT1 summit-2 reactor
NT1 tarapur-3 reactor
NT1 tarapur-4 reactor
NT1 thermionic reactors
NT1 thermoelectric reactors
NT1 thtr-300 reactor
NT1 topaz reactor
NT1 torness reactor
NT1 vandellos reactor
NT1 vg-400 reactor
NT1 vgr-50 reactor
NT1 vhtr reactor
NT1 vidal-1 reactor
NT1 vidal-2 reactor
NT1 vrain reactor
NT1 wagr reactor
RT agr type reactors
RT bhwr type reactors
RT desalination reactors
RT fbr type reactors
RT gcr type reactors
RT htgr type reactors
RT hwgcr type reactors
RT hwlwr type reactors
RT lwgr type reactors
RT lwor type reactors
RT nuclear power plants
RT omr type reactors
RT phwr type reactors
RT present worth method
RT process heat reactors
RT sgr type reactors
RT szr type reactors
RT underground nuclear stations

POWER RELAY SATELLITES

2000-04-12

BT1 satellites
RT power transmission

POWER SERIES

BT1 series expansion
RT mathematics

POWER SUBSTATIONS

INIS: 1992-10-06; ETDE: 1976-07-07

Term is used for an assembly of equipment in an electric power system for the transmission, transformation, or switching of electric energy.

UF electric power substations
NT1 gas-insulated substations
RT power distribution systems
RT power generation
RT power plants
RT power systems
RT power transmission
RT power transmission lines

POWER SUPPLIES

***BT1** electronic equipment
NT1 marx generators
NT1 photovoltaic power supplies
NT1 radio equipment power supplies
NT1 spacecraft power supplies
NT1 uninterruptible power supplies
RT capacitors
RT dc to dc converters
RT direct energy converters
RT electric power
RT electrical equipment
RT gyrocons
RT inverters
RT klystrons
RT lasertrons
RT microwave power transmission
RT outages
RT power conditioning circuits
RT rf systems

POWER SYSTEMS

INIS: 1982-12-07; ETDE: 1976-02-19

Includes electric power networks with associated generating and transmission facilities.

UF electric power systems
BT1 energy systems
NT1 ac systems
NT2 ehv ac systems
NT2 hvac systems
NT2 uhv ac systems
NT1 brayton cycle power systems
NT1 dc systems
NT2 ehv dc systems
NT2 hvdc systems
NT2 uhv dc systems
NT1 interconnected power systems
NT1 rankine cycle power systems
NT1 smart grids
NT1 solar-assisted power systems
RT dispersed storage and generation
RT electric power industry
RT electrical transients
RT gas-insulated transformers
RT laser power transmission
RT microwave power transmission
RT outages
RT power distribution systems
RT power factor
RT power generation
RT power plants
RT power substations
RT power transmission
RT power transmission lines
RT underground power transmission

RT var control systems

POWER TRANSMISSION

The act or process of transporting electrical energy in bulk from a source or sources of supply to other principal parts of the system or to other utility systems.

SF energy transmission
SF energy transport
SF transmission (energy)
SF transport (energy)
NT1 laser power transmission
NT1 microwave power transmission
NT1 overhead power transmission
NT1 underground power transmission
RT electric power
RT gas-insulated cables
RT gas-insulated transformers
RT hybrid systems
RT interconnected power systems
RT oil-filled cables
RT outages
RT power distribution systems
RT power factor
RT power losses
RT power pooling
RT power relay satellites
RT power substations
RT power systems
RT power transmission lines
RT shunt reactors
RT var control systems

POWER TRANSMISSION LINES

1997-06-17

UF line losses
UF transmission lines
RT current limiters
RT electric cables
RT electric power
RT gas-insulated cables
RT oil-filled cables
RT power substations
RT power systems
RT power transmission
RT rights-of-way
RT shunt reactors

POWER TRANSMISSION TOWERS

INIS: 1993-03-26; ETDE: 1976-08-04

UF transmission towers
SF towers
BT1 mechanical structures
RT overhead power transmission

POWERED SUPPORTS

INIS: 2000-04-12; ETDE: 1977-06-24

***BT1** supports
NT1 shield supports

POYNTING THEOREM

UF poynting vector
RT flux density
RT maxwell equations
RT radiation flux
RT vectors

poynting vector

USE poynting theorem

pp chain

INIS: 1978-11-24; ETDE: 1980-07-23

USE hydrogen burning

pp-factor

USE nicotinamide

pr-10 aeg pruefreaktor

USE aeg-pr-10 reactor

pr-6 device

1996-07-23

(Until July 1996 this was a valid descriptor.)

USE magnetic mirrors

pr-7 device

2000-04-12

(Prior to February 1996 this was a valid ETDE descriptor; from March 1996 till March 1997 PR DEVICES was used for this concept.)

USE magnetic mirrors

pr devices

1996-07-23

(Until July 1996 this was a valid descriptor.)

USE magnetic mirrors

PR SPRINGS DEPOSIT

INIS: 2000-04-12; ETDE: 1976-11-17

*BT1 oil sand deposits

RT oil sands

RT utah

PRAETORIAN PROJECT

INIS: 2000-04-12; ETDE: 1983-11-09

*BT1 nuclear explosions

RT contained explosions

RT underground explosions

prague wwr-s reactor

INIS: 1998-09-23; ETDE: 2002-03-27

USE lvr-15 reactor

PRAIRIE DOGS

INIS: 2000-04-12; ETDE: 1977-12-22

*BT1 rodents

PRAIRIE ISLAND-1 REACTOR

Nuclear Management Co., LLC, Red Wing, Minnesota, USA.

UF red wing prairie island-1 reactor

*BT1 pwr type reactors

PRAIRIE ISLAND-2 REACTOR

Nuclear Management Co., LLC, Red Wing, Minnesota, USA.

UF red wing prairie island-2 reactor

*BT1 pwr type reactors

PRANDTL NUMBER

BT1 dimensionless numbers

RT boundary layers

RT diffusion

RT heat transfer

RT thermal diffusivity

RT thermodynamic properties

RT viscous flow

PRASEODYMIUM

*BT1 rare earths

PRASEODYMIUM 121

INIS: 1992-09-23; ETDE: 1979-07-24

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 122

2007-04-20

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 123

2007-04-20

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 124

INIS: 1987-02-25; ETDE: 1987-05-01

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

PRASEODYMIUM 125

2004-12-15

*BT1 electron capture radioisotopes

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

PRASEODYMIUM 126

INIS: 1984-10-19; ETDE: 1984-11-06

*BT1 beta-plus decay radioisotopes

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

PRASEODYMIUM 127

1998-09-23

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

PRASEODYMIUM 128

INIS: 1985-07-22; ETDE: 1985-08-08

*BT1 electron capture radioisotopes

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

PRASEODYMIUM 129

INIS: 1977-06-14; ETDE: 1977-10-20

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

PRASEODYMIUM 130

INIS: 1977-06-14; ETDE: 1977-10-20

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

PRASEODYMIUM 131

INIS: 1977-06-14; ETDE: 1977-10-20

*BT1 beta-plus decay radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 132

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 133

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 134

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 135

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 136

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 137

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 138

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 139

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 140

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 141

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

*BT1 stable isotopes

PRASEODYMIUM 141 TARGET

ETDE: 1976-07-09

BT1 targets

PRASEODYMIUM 142

*BT1 beta-minus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 internal conversion radioisotopes

*BT1 isomeric transition isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 143

*BT1 beta-minus decay radioisotopes

*BT1 days living radioisotopes

*BT1 odd-even nuclei

*BT1 praseodymium isotopes

*BT1 rare earth nuclei

PRASEODYMIUM 144

*BT1 beta-minus decay radioisotopes

- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 145

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 146

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 147

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 148

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 149

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 150

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PRASEODYMIUM 151

1977-01-26

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PRASEODYMIUM 152

INIS: 1984-06-21; ETDE: 1984-07-10

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PRASEODYMIUM 153

INIS: 1987-08-27; ETDE: 1987-09-18

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PRASEODYMIUM 154

1988-10-10

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PRASEODYMIUM 155

2007-04-20

- *BT1 beta-minus decay radioisotopes

- *BT1 odd-even nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 156

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 157

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 158

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM 159

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 praseodymium isotopes
- *BT1 rare earth nuclei

PRASEODYMIUM ADDITIONS

Alloys containing not more than 1% Pr are listed here.

- *BT1 rare earth additions
- RT praseodymium alloys

PRASEODYMIUM ALLOYS

Alloys containing more than 1% Pr.

- *BT1 rare earth alloys
- NT1 praseodymium base alloys
- RT praseodymium additions

PRASEODYMIUM ARSENIDES

INIS: 1976-02-05; ETDE: 1975-10-28

- *BT1 arsenides
- *BT1 praseodymium compounds

PRASEODYMIUM BASE ALLOYS

- *BT1 praseodymium alloys

PRASEODYMIUM BORIDES

- *BT1 borides
- *BT1 praseodymium compounds

PRASEODYMIUM BROMIDES

- *BT1 bromides
- *BT1 praseodymium halides

PRASEODYMIUM CARBIDES

- *BT1 carbides
- *BT1 praseodymium compounds

PRASEODYMIUM CARBONATES

- *BT1 carbonates
- *BT1 praseodymium compounds

PRASEODYMIUM CHLORIDES

- *BT1 chlorides
- *BT1 praseodymium halides

PRASEODYMIUM COMPLEXES

- *BT1 rare earth complexes

PRASEODYMIUM COMPOUNDS

- BT1 rare earth compounds
- NT1 praseodymium arsenides
- NT1 praseodymium borides
- NT1 praseodymium carbides
- NT1 praseodymium carbonates

- NT1 praseodymium halides
- NT2 praseodymium bromides
- NT2 praseodymium chlorides
- NT2 praseodymium fluorides
- NT2 praseodymium iodides
- NT1 praseodymium hydrides
- NT1 praseodymium hydroxides
- NT1 praseodymium nitrates
- NT1 praseodymium nitrides
- NT1 praseodymium oxides
- NT1 praseodymium perchlorates
- NT1 praseodymium phosphates
- NT1 praseodymium phosphides
- NT1 praseodymium selenides
- NT1 praseodymium silicates
- NT1 praseodymium silicides
- NT1 praseodymium sulfates
- NT1 praseodymium sulfides
- NT1 praseodymium tellurides
- NT1 praseodymium tungstates

PRASEODYMIUM FLUORIDES

- *BT1 fluorides
- *BT1 praseodymium halides

PRASEODYMIUM HALIDES

2012-07-25

- *BT1 halides
- *BT1 praseodymium compounds
- NT1 praseodymium bromides
- NT1 praseodymium chlorides
- NT1 praseodymium fluorides
- NT1 praseodymium iodides

PRASEODYMIUM HYDRIDES

- *BT1 hydrides
- *BT1 praseodymium compounds

PRASEODYMIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 praseodymium compounds

PRASEODYMIUM IODIDES

- *BT1 iodides
- *BT1 praseodymium halides

PRASEODYMIUM IONS

- *BT1 ions

PRASEODYMIUM ISOTOPES

- BT1 isotopes
- NT1 praseodymium 121
- NT1 praseodymium 122
- NT1 praseodymium 123
- NT1 praseodymium 124
- NT1 praseodymium 125
- NT1 praseodymium 126
- NT1 praseodymium 127
- NT1 praseodymium 128
- NT1 praseodymium 129
- NT1 praseodymium 130
- NT1 praseodymium 131
- NT1 praseodymium 132
- NT1 praseodymium 133
- NT1 praseodymium 134
- NT1 praseodymium 135
- NT1 praseodymium 136
- NT1 praseodymium 137
- NT1 praseodymium 138
- NT1 praseodymium 139
- NT1 praseodymium 140
- NT1 praseodymium 141
- NT1 praseodymium 142
- NT1 praseodymium 143
- NT1 praseodymium 144
- NT1 praseodymium 145
- NT1 praseodymium 146
- NT1 praseodymium 147
- NT1 praseodymium 148
- NT1 praseodymium 149
- NT1 praseodymium 150

NT1 praseodymium 151
 NT1 praseodymium 152
 NT1 praseodymium 153
 NT1 praseodymium 154
 NT1 praseodymium 155
 NT1 praseodymium 156
 NT1 praseodymium 157
 NT1 praseodymium 158
 NT1 praseodymium 159

PRASEODYMIUM NITRATES

*BT1 nitrates
 *BT1 praseodymium compounds

PRASEODYMIUM NITRIDES

*BT1 nitrides
 *BT1 praseodymium compounds

PRASEODYMIUM OXIDES

*BT1 oxides
 *BT1 praseodymium compounds

PRASEODYMIUM PERCHLORATES

*BT1 perchlorates
 *BT1 praseodymium compounds

PRASEODYMIUM PHOSPHATES

1975-10-23
 *BT1 phosphates
 *BT1 praseodymium compounds

PRASEODYMIUM PHOSPHIDES

INIS: 1977-07-05; ETDE: 1975-11-28
 *BT1 phosphides
 *BT1 praseodymium compounds

PRASEODYMIUM SELENIDES

*BT1 praseodymium compounds
 *BT1 selenides

PRASEODYMIUM SILICATES

1988-10-10
 *BT1 praseodymium compounds
 *BT1 silicates

PRASEODYMIUM SILICIDES

INIS: 1975-10-29; ETDE: 1975-12-16
 *BT1 praseodymium compounds
 *BT1 silicides

PRASEODYMIUM SULFATES

*BT1 praseodymium compounds
 *BT1 sulfates

PRASEODYMIUM SULFIDES

*BT1 praseodymium compounds
 *BT1 sulfides

PRASEODYMIUM TELLURIDES

*BT1 praseodymium compounds
 *BT1 tellurides

PRASEODYMIUM TUNGSTATES

INIS: 1991-09-16; ETDE: 1977-06-02
 *BT1 praseodymium compounds
 *BT1 tungstates

PRAWNS

INIS: 1977-04-07; ETDE: 1977-06-03
 *BT1 decapods
 RT lobsters
 RT seafood
 RT shrimp

PRCF REACTOR

PNL, Richland, Washington, USA.
 UF plutonium recycle critical facility
 UF pnl-prcf reactor
 *BT1 plutonium reactors
 *BT1 tank type reactors
 *BT1 zero power reactors

pre (photoreactivating enzyme)

INIS: 1984-04-04; ETDE: 2002-04-26
 USE enzymes
 USE photoreactivation

PREAMPLIFIERS

*BT1 amplifiers

PRECAMBRIAN ERA

INIS: 1992-04-14; ETDE: 1977-10-19
 BT1 geologic ages

PRECESSION

NT1 larmor precession
 RT gyroscopes
 RT migma devices
 RT orbits
 RT rotation

precetron storage ring

1996-07-08
 (Until June 1996 this was a valid descriptor.)
 USE storage rings

PRECIPITATION

*In chemical processes only; see also
 ATMOSPHERIC PRECIPITATIONS,
 ELECTRON PRECIPITATION, PROTON
 PRECIPITATION, and PRECIPITATION
 HARDENING.*

BT1 separation processes
 NT1 coprecipitation
 NT1 flocculation
 RT agglomeration
 RT crystallization
 RT deposition
 RT hydrometallurgy
 RT salting-out agents
 RT scaling
 RT sedimentation
 RT solubility
 RT supersaturation
 RT waste processing

PRECIPITATION HARDENING

BT1 hardening
 RT age hardening

PRECIPITATION SCAVENGING

BT1 separation processes
 RT washout

precipitations (atmospheric)

USE atmospheric precipitations

PRECIPITINS

BT1 antibodies

precision

INIS: 1975-12-09; ETDE: 2002-04-26
 USE accuracy

PRECOMPOUND-NUCLEUS**EMISSION**

*Emission of a few high-energy nucleons
 resulting from direct processes before
 establishment of the statistical equilibrium of
 the compound nucleus.*

UF preequilibrium nuclear processes
 BT1 nuclear reactions
 RT deep inelastic heavy ion reactions
 RT evaporation model
 RT incomplete fusion reactions
 RT quasi-fission

PRECURSOR

RT biosynthesis
 RT earthquakes
 RT metabolism
 RT nucleic acids
 RT rock bursts

precursors (delayed neutron)

INIS: 2000-04-12; ETDE: 1976-12-16
 USE delayed neutron precursors

precursors (delayed neutrons)

USE delayed neutron precursors

precursors (delayed proton)

INIS: 2000-04-12; ETDE: 1976-12-16
 USE delayed proton precursors

precursors (delayed protons)

INIS: 1976-10-29; ETDE: 2002-04-26
 USE delayed proton precursors

PREDATOR-PREY INTERACTIONS

INIS: 1992-05-04; ETDE: 1979-03-28
 RT behavior
 RT ecology
 RT ecosystems
 RT food chains
 RT population dynamics
 RT symbiosis

prediction

USE forecasting

PREDICTION EQUATIONS

BT1 equations

PREDISSOCIATION

BT1 dissociation

PREDNISOLONE

*BT1 glucocorticoids

PREDNISONE

*BT1 glucocorticoids

preequilibrium nuclear processes

INIS: 2000-04-12; ETDE: 1976-11-01
 USE precompound-nucleus emission

PREFABRICATED BUILDINGS

INIS: 2000-04-12; ETDE: 1982-01-07
 UF manufactured buildings
 UF metal buildings
 BT1 buildings
 RT mobile homes

preferred orientation

USE grain orientation

PREFERRED SPECIES

INIS: 1986-07-09; ETDE: 1976-04-19
*Species particularly suited for revegetation of
 reclaimed land.*

BT1 plants
 RT gramineae
 RT land reclamation
 RT revegetation
 RT shrubs
 RT trees

PREGNANCY

RT abortion
 RT embryos
 RT fetuses
 RT gynecology
 RT hpl
 RT life cycle
 RT parturition
 RT placenta
 RT prenatal exposure
 RT prenatal irradiation
 RT progesterone
 RT reproduction
 RT reproductive disorders
 RT uterus

pregnanediol

INIS: 1996-10-23; ETDE: 1980-11-25
(Until October 1996 this was a valid descriptor.)

- USE hydroxy compounds
- USE pregnanes

PREGNANES

1996-10-23

- UF *pregnanediol*
- UF *pregnanetriol*

*BT1 steroids

NT1 corticosteroids

NT2 glucocorticoids

NT3 corticosterone

NT3 cortisone

NT3 dexamethasone

NT3 hydrocortisone

NT3 prednisolone

NT3 prednisone

NT2 mineralocorticoids

NT3 aldosterone

NT1 hydroxypregnenone

NT1 progesterone

pregnanetriol

INIS: 1996-07-08; ETDE: 1980-11-25
(Until June 1996 this was a valid descriptor.)

- USE hydroxy compounds
- USE pregnanes

pregnenolone

- USE hydroxypregnenone

preheating

INIS: 2000-04-12; ETDE: 1979-06-06
USE heat treatments

PRENATAL EXPOSURE

INIS: 1986-04-04; ETDE: 1980-05-06
For prenatal exposure to radiation use
PRENATAL IRRADIATION.

- NT1 prenatal irradiation
- RT biological effects
- RT biological stress
- RT fetuses
- RT pregnancy
- RT toxicity

PRENATAL IRRADIATION

- UF *in utero irradiation*
- BT1 irradiation
- BT1 prenatal exposure
- RT embryos
- RT fetuses
- RT perinatal irradiation
- RT pregnancy

PRENFLO PROCESS

INIS: 2000-04-12; ETDE: 1989-05-31
Pressurized entrained flow gasification
process derived from Koppers-Totzek
atmospheric pressure process.

*BT1 coal gasification

PREONS

INIS: 1984-07-20; ETDE: 1984-08-20
Postulated particles which are constituents of
both quarks and leptons.

- *BT1 postulated particles
- RT color model
- RT composite models
- RT leptons
- RT quarks

preparation (chemical)

- USE chemical preparation

preparation (sample)

- USE sample preparation

PRESENT WORTH METHOD

- RT cost
- RT fuel cycle
- RT power reactors

PRESERVATION

- NT1 radiopreservation
- NT2 radurization
- RT bacterial spores
- RT cultural objects
- RT disinfestation
- RT food
- RT food processing
- RT fumigants
- RT grain disinfestation
- RT ifip
- RT inactivation
- RT organoleptic properties
- RT pasteurization
- RT preservatives
- RT sterilization
- RT wholesomeness

PRESERVATIVES

INIS: 1999-05-03; ETDE: 1975-12-16

- RT additives
- RT creosote
- RT dioxin
- RT preservation

PRESSES

- RT extrusion
- RT forging
- RT machine tools
- RT pressing
- RT tools

PRESSING

- *BT1 materials working
- NT1 cold pressing
- NT1 hot pressing
- RT compacting
- RT dies
- RT extrusion
- RT forging
- RT presses

pressure (1-10 atm)

2003-11-19
USE pressure range kilo pa

pressure (1-10 bar)

2003-11-19
USE pressure range kilo pa

pressure (1-10 milli bar)

2003-11-19
USE pressure range pa

pressure (10-100 atm)

2003-11-19
USE pressure range mega pa 01-10

pressure (10-100 bar)

2003-11-19
USE pressure range mega pa 01-10

pressure (10-1000 milli bar)

2003-11-19
USE pressure range kilo pa

pressure (100-1000 atm)

USE pressure range mega pa 10-100

pressure (1000-10000 atm)

2003-11-19
USE pressure range mega pa 100-1000

pressure (10000 atm and above)

2003-11-19
USE pressure range giga pa

pressure (7.5 - 7.5x10(3) torr)

2003-11-19
USE pressure range kilo pa

pressure (7.5x10(-3) - 7.5 torr)

2003-11-19
USE pressure range pa

pressure (critical)

- USE critical pressure

pressure (plasma)

- USE plasma pressure

pressure (radiation)

- USE radiation pressure

pressure (vapor)

- USE vapor pressure

PRESSURE COEFFICIENT

- BT1 reactivity coefficients

PRESSURE CONTROL

1986-04-04

- BT1 control
- RT pressure measurement
- RT pressure regulators
- RT pressure release
- RT pressure suppression
- RT pressure vessels

PRESSURE DEPENDENCE

Combine with the relevant descriptor from the
PRESSURE RANGE word block.

- UF *pressure effects*
- RT overpressure
- RT pressure drop
- RT pressure range

PRESSURE DROP

- RT flow rate
- RT fluid flow
- RT pressure dependence
- RT pressure gradients

pressure effects

INIS: 1992-04-29; ETDE: 1984-03-19
(Prior to June 1993, this was a valid ETDE
descriptor.)
USE pressure dependence

PRESSURE GAGES

- UF *gages (pressure)*
- UF *manometers*
- BT1 measuring instruments
- NT1 barometers
- NT1 hot-wire gages
- NT2 pirani gages
- NT1 vacuum gages
- NT2 ionization gages
- NT3 bayard-alpert gages
- NT3 philips gages
- NT3 radioactive ionization gages
- NT2 knudsen gages
- NT2 pirani gages
- RT bellows
- RT pressure measurement

PRESSURE GRADIENTS

- RT onsager relations
- RT pressure drop
- RT pressure measurement
- RT pressurization

pressure groups

INIS: 1982-12-03; ETDE: 1980-12-08
USE interest groups

pressure maintenance

INIS: 1984-12-04; ETDE: 1976-07-07
USE pressurization

PRESSURE MEASUREMENT

NT1 piezometry
 RT atmospheric pressure
 RT geobarometry
 RT pressure control
 RT pressure gages
 RT pressure gradients

PRESSURE RANGE

2003-11-19

NT1 pressure range below 1 nano pa
 NT1 pressure range giga pa
 NT1 pressure range kilo pa
 NT1 pressure range mega pa
 NT2 pressure range mega pa 01-10
 NT2 pressure range mega pa 10-100
 NT2 pressure range mega pa 100-1000
 NT1 pressure range micro pa
 NT1 pressure range milli pa
 NT1 pressure range nano pa
 NT1 pressure range pa
 RT pressure dependence
 RT vacuum pumps

PRESSURE RANGE BELOW 1 NANO PA

2003-11-19

From 0 to 10 exp -9 pascal.

(Prior to November 2003 ULTRAHIGH VACUUM was used for this pressure range.)

UF vacuum (below 1 nano pa)
 UF vacuum (below 7.5×10^{-12} torr)
 SF ultrahigh vacuum
 BT1 pressure range

PRESSURE RANGE GIGA PA

2003-11-19

From 10 exp 9 to 10 exp 12 pascal.

(Prior to November 2003 VERY HIGH PRESSURE was used for this pressure range.)

UF pressure (10000 atm and above)
 SF very high pressure
 BT1 pressure range

PRESSURE RANGE KILO PA

2003-11-19

From 10 exp 3 to 10 exp 6 pascal.

(Prior to November 2003 MEDIUM PRESSURE or LOW PRESSURE was used for this pressure range.)

UF pressure (1-10 atm)
 UF pressure (1-10 bar)
 UF pressure (10-1000 milli bar)
 UF pressure ($7.5 - 7.5 \times 10(3)$ torr)
 UF vacuum ($7.5 - 7.5 \times 10(3)$ torr)
 SF low pressure
 SF medium pressure
 SF rough vacuum
 SF vacuum (rough)
 BT1 pressure range

PRESSURE RANGE MEGA PA

2003-11-19

From 10 exp 6 to 10 exp 9 pascal.

BT1 pressure range
 NT1 pressure range mega pa 01-10
 NT1 pressure range mega pa 10-100
 NT1 pressure range mega pa 100-1000

PRESSURE RANGE MEGA PA 01-10

2003-11-19

(Prior to November 2003 MEDIUM PRESSURE was used for this pressure range.)

UF pressure (10-100 atm)
 UF pressure (10-100 bar)
 SF medium pressure
 *BT1 pressure range mega pa

PRESSURE RANGE MEGA PA 10-100

2003-11-19

(Prior to November 2003 HIGH PRESSURE was used for this pressure range.)

UF high pressure
 UF pressure (100-1000 atm)
 *BT1 pressure range mega pa

PRESSURE RANGE MEGA PA 100-1000

2003-11-19

(Prior to November 2003 VERY HIGH PRESSURE was used for this pressure range.)

UF pressure (1000-10000 atm)
 SF very high pressure
 *BT1 pressure range mega pa

PRESSURE RANGE MICRO PA

2003-11-19

From 10 exp -6 to 10 exp -3 pascal.

(Prior to November 2003 HIGH VACUUM was used for this pressure range.)

UF vacuum (1-1000 micro pa)
 UF vacuum ($7.5 \times 10(-9) - 7.5 \times 10(-6)$ torr)
 SF high vacuum
 SF ultrahigh vacuum
 BT1 pressure range

PRESSURE RANGE MILLI PA

2003-11-19

From 10 exp -3 to 1 pascal.

(Prior to November 2003 MEDIUM VACUUM or HIGH VACUUM was used for this pressure range.)

UF vacuum (1-1000 milli pa)
 UF vacuum ($7.5 \times 10(-6) - 7.5 \times 10(-3)$ torr)
 SF high vacuum
 SF medium vacuum
 SF very low pressure
 BT1 pressure range

PRESSURE RANGE NANO PA

2003-11-19

From 10 exp -9 to 10 exp -6 pascal.

(Prior to November 2003 ULTRAHIGH VACUUM was used for this pressure range.)

UF vacuum (1-1000 nano pa)
 UF vacuum ($7.5 \times 10(-12) - 7.5 \times 10(-9)$ torr)
 SF ultrahigh vacuum
 BT1 pressure range

PRESSURE RANGE PA

2003-11-19

From 1 to 1000 pascal.

(Prior to November 2003 LOW PRESSURE or MEDIUM VACUUM was used for this pressure range.)

UF pressure (1-10 milli bar)
 UF pressure ($7.5 \times 10(-3) - 7.5$ torr)
 UF vacuum (1-1000 pa)
 UF vacuum ($7.5 \times 10(-3) - 7.5$ torr)
 UF vacuum insulation panels
 SF low pressure
 SF medium vacuum
 SF rough vacuum
 SF vacuum (rough)
 SF very low pressure
 BT1 pressure range

PRESSURE REGULATORS

*BT1 control equipment
 RT pressure control

PRESSURE RELEASE

RT hazards
 RT pressure control
 RT reactor safety
 RT safety engineering

PRESSURE SUPPRESSION

The suppression of pressure within a containment by some technique such as a water spray.

RT condensation chambers
 RT containment spray systems
 RT pressure control
 RT pressure vessels
 RT reactor accidents
 RT reactor safety

PRESSURE TUBE REACTORS

1999-09-07

*BT1 power reactors
 NT1 atucha-1 reactor
 NT1 atucha-2 reactor
 NT1 candu type reactors
 NT2 bruce-1 reactor
 NT2 bruce-2 reactor
 NT2 bruce-3 reactor
 NT2 bruce-4 reactor
 NT2 bruce-5 reactor
 NT2 bruce-6 reactor
 NT2 bruce-7 reactor
 NT2 bruce-8 reactor
 NT2 cernavoda-1 reactor
 NT2 cernavoda-2 reactor
 NT2 cordoba reactor
 NT2 darlington-1 reactor
 NT2 darlington-2 reactor
 NT2 darlington-3 reactor
 NT2 darlington-4 reactor
 NT2 douglas point ontario reactor
 NT2 embalse reactor
 NT2 gentilly-1 reactor
 NT2 gentilly-2 reactor
 NT2 kaiga-1 reactor
 NT2 kaiga-2 reactor
 NT2 kakrapar-1 reactor
 NT2 kakrapar-2 reactor
 NT2 kanupp reactor
 NT2 npd reactor
 NT2 pickering-1 reactor
 NT2 pickering-2 reactor
 NT2 pickering-3 reactor
 NT2 pickering-4 reactor
 NT2 pickering-5 reactor
 NT2 pickering-6 reactor
 NT2 pickering-7 reactor
 NT2 pickering-8 reactor
 NT2 point lepreau-1 reactor
 NT2 point lepreau-2 reactor
 NT2 qinshan-3-1 reactor
 NT2 qinshan-3-2 reactor
 NT2 rajasthan-1 reactor
 NT2 rajasthan-2 reactor
 NT2 rajasthan-3 reactor
 NT2 rajasthan-4 reactor
 NT2 wolsung-1 reactor
 NT2 wolsung-2 reactor
 NT2 wolsung-3 reactor
 NT2 wolsung-4 reactor
 NT1 cirene reactor
 NT1 cvtr reactor
 NT1 el-4 reactor
 NT1 jatr reactor
 NT1 kalpakkam-1 reactor
 NT1 kalpakkam-2 reactor
 NT1 lucens reactor
 NT1 niederaichbach reactor
 NT1 prtr reactor
 NT1 sghwr reactor

PRESSURE TUBES

BT1 tubes
 RT borescopes
 RT calandrias
 RT reactor cooling systems

PRESSURE VESSELS

UF vessels (pressure)
 BT1 containers
 RT autoclaves
 RT depressurization
 RT depressurization systems
 RT overpressure
 RT pipe fittings
 RT pressure control
 RT pressure suppression

PRESSURIZATION

INIS: 1984-12-04; ETDE: 1976-07-07
 (Prior to November 1990 this material was indexed to PRESSURIZING in ETDE.)

UF pressure maintenance
 UF pressurizing
 UF repressuring
 RT compression
 RT depressurization
 RT fluid injection
 RT pressure gradients
 RT pressurizers
 RT transients

**pressurized heavy water
 cooled/moderated reactor**

1993-11-09
 USE phwr type reactors

**pressurized subcritical experiment
 savannah**

1993-11-09
 USE pse reactor

**pressurized water cooled moderated
 reactor**

1993-11-09
 USE pwr type reactors

pressurized water reactors

USE pwr type reactors

PRESSURIZERS

RT compressors
 RT pressurization
 RT reactor cooling systems

pressurizing

INIS: 1984-12-04; ETDE: 1976-07-07
 (Prior to November 1990 this was a valid ETDE descriptor.)
 USE pressurization

PRESTRESSED CONCRETE

*BT1 composite materials
 *BT1 concretes

**prevention of marine pollution, 1972
 london convention on**

INIS: 2002-03-02; ETDE: 2002-04-26
 USE lcpmpdpw

**prevention of significant
 deterioration**

INIS: 2000-04-12; ETDE: 1979-07-24
 US pollution regulation resulting from the Clean Air and Clean Water Acts of 1976 and 1980, respectively. Use the appropriate descriptor(s) for POLLUTION ABATEMENT below and OPTIMIZATION, if appropriate. (Prior to March 1997 this was a valid ETDE descriptor.)

SEE air pollution abatement
 SEE land pollution abatement
 SEE water pollution abatement

PREVENTIVE MEDICINE

UF prophylaxis
 BT1 medicine

RT accidents
 RT environment
 RT epidemiology
 RT health hazards
 RT immunity
 RT inspection
 RT medical examinations
 RT medical surveillance
 RT public health
 RT radiation protection

PRICE-ANDERSON ACT

INIS: 1978-04-21; ETDE: 1976-10-13

BT1 laws
 RT civil liability
 RT legal aspects
 RT nuclear insurance
 RT nuclear liability

PRICES

1992-02-21

(Prior to June 1979 CHARGES was used for this concept in ETDE. From April 1978 till March 1997 RATE STRUCTURE was a valid descriptor.)

UF rate structure
 NT1 incremental-cost pricing
 NT1 marginal-cost pricing
 NT1 peak-load pricing
 NT1 retail prices
 NT1 rolled-in pricing
 NT1 time-of-use pricing
 NT1 wellhead prices
 NT1 wholesale prices
 RT charges
 RT cost
 RT economic elasticity
 RT energy expenses
 RT entitlements program
 RT fuel adjustment mechanisms
 RT income
 RT pricing regulations
 RT retailers
 RT spot market

PRICING REGULATIONS

INIS: 1992-02-23; ETDE: 1979-11-23

*BT1 regulations
 RT deregulation
 RT economic policy
 RT prices
 RT us natural gas policy act

prigogine-balescu theory

USE prigogine theorem

PRIGOGINE THEOREM

UF balescu theory
 UF prigogine-balescu theory
 UF van hove-prigogine theory
 RT irreversible processes

PRIMAKOFF EFFECT

*BT1 photoproduction
 RT pions neutral

PRIMAKOFF THEORY

RT fermi interactions

PRIMARY BATTERIES

INIS: 2000-04-12; ETDE: 1976-05-17

RT electric batteries
 RT electrochemical cells

PRIMARY COOLANT CIRCUITS

UF primary coolant loops
 *BT1 reactor cooling systems
 NT1 coolant cleanup systems
 RT electromagnetic filters

primary coolant loops

2018-03-19

USE primary coolant circuits

PRIMARY COSMIC RADIATION

*BT1 cosmic radiation
 NT1 cosmic alpha particles
 NT1 cosmic gamma bursts
 NT1 cosmic nuclei
 NT1 cosmic x-ray bursts
 RT cosmic gamma sources
 RT cosmic ray sources

PRIMARY RECOVERY

INIS: 2000-04-12; ETDE: 1979-02-23

UF natural depletion
 SF recovery
 RT natural gas
 RT petroleum

**PRIMARY-SECONDARY HYBRID
 BATTERIES**

2000-04-12

Hybrid systems consisting of a primary battery and a rechargeable battery.

*BT1 electric batteries

PRIMATES

*BT1 mammals
 NT1 apes
 NT1 man
 NT2 children
 NT3 infants
 NT2 elderly people
 NT2 men
 NT2 women
 NT1 monkeys
 NT2 baboons
 NT2 macacus

PRIMENE

*BT1 amines

PRINCE EDWARD ISLAND

INIS: 1979-02-21; ETDE: 1980-07-23

*BT1 canada
 BT1 islands
 RT atlantic ocean

princeton beta experiment

INIS: 1988-11-16; ETDE: 2001-01-23
 USE pbx devices

PRINCETON CYCLOTRON

*BT1 isochronous cyclotrons

princeton large torus

INIS: 1975-10-23; ETDE: 1975-08-19
 USE plt devices

PRINCETON SYNCHROTRON

*BT1 synchrotrons

PRINTED CIRCUITS

BT1 electronic circuits
 RT microelectronic circuits

**PRINTING AND PUBLISHING
 INDUSTRY**

INIS: 1999-05-26; ETDE: 1979-12-10
 BT1 industry
 RT paper industry
 RT wood products industry

PRIPET RIVER

INIS: 1992-05-13; ETDE: 1992-09-21

UF pripyat river
 *BT1 rivers
 RT chernobylsk-4 reactor
 RT dnier river
 RT ukraine

pripyat river

INIS: 1992-05-13; ETDE: 1992-09-21
USE pripet river

PRISM PLOT

INIS: 1977-07-05; ETDE: 1977-10-19
Phase-space plot of a three-particle final state.
*BT1 scatterplots
RT linear momentum
RT phase space
RT resonance particles

PRISMATIC CONFIGURATION

BT1 configuration
RT plates
RT slabs

PRISMS

INIS: 2000-01-21; ETDE: 1976-02-19
RT geometry
RT shape

PRIVACY ACT

INIS: 2000-04-12; ETDE: 1976-10-13
The U.S. Privacy Act of 1974.
BT1 laws
RT documentation
RT information

private law

INIS: 1990-12-15; ETDE: 2002-04-26
(Prior to December 1990, this was a valid descriptor.)
USE laws

PRIVATE VEHICLES

2006-05-24
Transportation means not available for general public use, for such vehicles see MASS TRANSIT SYSTEMS. Use also a more specific term from the word block of VEHICLES if appropriate.
BT1 transportation systems

PRNC-L-77 REACTOR

Univ. of Puerto Rico, College Station, Mayaguez, Puerto Rico, USA. Shut down in 1979.
UF l-77 puerto rico reactor
UF mayaguez puerto rico l-77 reactor
UF puerto rico nuclear center l-77 reactor
*BT1 aqueous homogeneous reactors
*BT1 enriched uranium reactors
*BT1 research reactors
*BT1 training reactors

PROBABILISTIC ESTIMATION

INIS: 1986-04-04; ETDE: 1983-01-21
Analytical technique for calculation of unknown quantities and the uncertainty associated with the probabilistic estimates of those quantities.
UF probabilistic safety assessment
BT1 calculation methods
RT deterministic estimation
RT fault tree analysis
RT forecasting
RT probability
RT resource assessment
RT risk assessment
RT safety analysis
RT statistics

probabilistic safety assessment

2003-12-17
USE probabilistic estimation
USE risk assessment

PROBABILITY

RT chaos theory

RT ergodic hypothesis
RT expectation value
RT fuzzy logic
RT game theory
RT maximum-likelihood fit
RT monte carlo method
RT probabilistic estimation
RT probability density functions
RT risk assessment
RT statistics

PROBABILITY DENSITY FUNCTIONS

2007-01-08
Real-valued functions whose integrals over sets give the probabilities that random variables have values in these sets.
BT1 functions
RT density functional method
RT probability
RT statistics

PROBES

UF sondes
NT1 deuteron probes
NT1 electric probes
NT2 langmuir probe
NT2 plasma eaters
NT1 electron probes
NT1 electrostatic probes
NT1 ion probes
NT1 magnetic probes
NT1 muon probes
NT1 neutron probes
NT1 proton probes
NT1 sonic probes
RT measuring instruments
RT sensors
RT well logging equipment

PROCA EQUATIONS

*BT1 partial differential equations
RT quantum mechanics

PROCAINE

UF novocaine
*BT1 anesthetics

PROCEEDINGS

1996-05-14
Use only for items about proceedings, not for items which are proceedings.
BT1 document types
RT meetings

PROCESS COMPUTERS

INIS: 1976-07-16; ETDE: 1979-05-25
Computers - usually digital - used for the control of technical processes.
BT1 computers
RT on-line control systems
RT reactor control systems
RT real time systems

PROCESS CONTROL

INIS: 1992-02-04; ETDE: 1975-12-16
BT1 control
RT ore processing
RT processing
RT reprocessing
RT waste processing

process development pile

USE pdp reactor

PROCESS DEVELOPMENT UNITS

INIS: 1984-04-04; ETDE: 1977-01-10
UF pdu
BT1 functional models
RT bench-scale experiments
RT demonstration plants
RT field tests

RT pilot plants

PROCESS HEAT

INIS: 2000-05-17; ETDE: 1975-09-12
Heat for industrial processes.
UF heat (process)
*BT1 heat
NT1 geothermal process heat
NT1 solar process heat
RT dual-purpose power plants
RT process heat reactors
RT retorting

PROCESS HEAT REACTORS

BT1 reactors
NT1 agesta reactor
NT1 midland-1 reactor
NT1 midland-2 reactor
NT1 nhr-5 reactor
NT1 pm-2a reactor
NT1 ser reactor
NT1 sl-1 reactor
NT1 slowpoke-wmre reactor
NT1 sm-1a reactor
NT1 snap 10 reactor
NT2 s10fs-1 reactor
NT2 s10fs-3 reactor
NT2 s10fs-4 reactor
NT1 snap-tsf reactor
NT1 thermos reactor
RT power reactors
RT process heat

PROCESS SOLUTIONS

INIS: 1992-04-02; ETDE: 1978-04-27
UF plating solutions
*BT1 solutions

processes (adiabatic)

USE adiabatic processes

processes (isentropic)

USE isentropic processes

processes (isothermal)

USE isothermal processes

PROCESSING

2000-02-01
Use of one of the more specific terms listed below is recommended.
NT1 coprocessing
NT1 data processing
NT2 data acquisition
NT2 data analysis
NT3 cluster analysis
NT3 data visualization
NT2 data compilation
NT2 distributed data processing
NT2 memory management
NT2 spectra unfolding
NT2 task scheduling
NT1 food processing
NT2 pasteurization
NT3 radacidation
NT2 radappertization
NT2 radurization
NT1 image processing
NT1 in-situ processing
NT2 in-situ combustion
NT2 in-situ gasification
NT2 in-situ liquefaction
NT2 in-situ retorting
NT2 solution mining
NT1 odorization
NT1 ore processing
NT2 ore enrichment
NT2 retorting
NT3 in-situ retorting
NT1 refining
NT2 electrorefining

NT2 gulf hds process
 NT2 zone refining
 NT1 waste processing
 NT2 activated sludge process
 NT2 composting
 NT2 fluidized bed refuse gasification
 NT2 landgard pyrolysis system
 NT2 lime-soda sinter process
 NT2 materials recovery
 NT2 molten salt waste gasification process
 NT2 occidental flash pyrolysis process
 NT2 purox pyrolysis process
 NT2 radioactive waste processing
 NT3 harvest process
 NT2 slagging pyrolysis process
 NT2 steam stripping
 NT2 syngas process
 NT2 unisulf process
 NT2 wet oxidation processes
 RT process control

processing (data)

USE data processing

processing (food)

INIS: 1997-06-05; ETDE: 2002-04-26
 USE food processing

processing (images)

INIS: 1997-06-05; ETDE: 2002-04-26
 USE image processing

processing (ores)

USE ore processing

processing (wastes)

USE waste processing

PROCTITIS

*BT1 digestive system diseases
 RT rectum

PROCUREMENT

INIS: 1992-05-26; ETDE: 1976-04-19
 BT1 business
 RT accounting
 RT cost
 RT cost overruns
 RT debt collection
 RT goods and services
 RT proposals
 RT time delay

PRODUCER GAS

2000-04-12
Gas manufactured by the action of air and steam on coke or coal. 130 to 140 btu per cubic foot.
 *BT1 low btu gas

producer price index

INIS: 2000-04-12; ETDE: 1981-10-24
 (Prior to March 1996 WHOLESAL PRICE INDEX was used for this concept in ETDE.)
 USE wholesale prices

PRODUCT LABELING

INIS: 2000-04-12; ETDE: 1979-03-27
 RT advertising
 RT consumer protection

PRODUCTION

Limited to industrial production; see also PARTICLE PRODUCTION.
 UF output
 RT availability
 RT capacity
 RT computer-aided manufacturing
 RT fabrication
 RT gross domestic product
 RT gross national product

RT isotope production
 RT manufacturing
 RT planning
 RT productivity

production (beam)

USE beam production

production (hydrogen)

INIS: 1994-10-13; ETDE: 1980-11-08
 USE hydrogen production

production (isotope)

INIS: 2000-04-12; ETDE: 1980-07-09
 USE isotope production

production (pair)

INIS: 2000-04-12; ETDE: 1980-11-08
 USE pair production

production (particle)

INIS: 2000-04-12; ETDE: 1980-07-09
 USE particle production

production (plasma)

INIS: 2000-04-12; ETDE: 1980-11-08
 USE plasma production

production capacity

INIS: 1982-12-03; ETDE: 1977-06-02
 USE capacity

PRODUCTION LOGGING

INIS: 2000-04-12; ETDE: 1977-01-10
Logging run inside tubing to measure production rate of oil or natural gas wells. Instrumentation may be flowmeters, gradiomanometer, densitometer, watercutmeter, thermometer, radioactive tracer tool, caliper, casing-collar locator, or fluid sampler.
 BT1 well logging

production mechanisms (particle)

INIS: 1993-11-09; ETDE: 2002-04-26
Production of elementary particles; when appropriate, more specific descriptors listed under PARTICLE PRODUCTION should be used instead.
 USE particle production

PRODUCTION REACTORS

For the production of fissile materials only; see also IRRADIATION REACTORS.

BT1 reactors
 NT1 plutonium production reactors
 NT2 calder hall a-1 reactor
 NT2 calder hall a-2 reactor
 NT2 calder hall b-3 reactor
 NT2 calder hall b-4 reactor
 NT2 chapelcross-1 reactor
 NT2 chapelcross-2 reactor
 NT2 chapelcross-3 reactor
 NT2 chapelcross-4 reactor
 NT2 g-1 reactor
 NT2 g-2 reactor
 NT2 g-3 reactor
 NT2 hanford production reactors
 NT2 n-reactor
 NT2 windscale production reactors
 NT1 rtr reactor
 NT1 special production reactors
 NT2 c reactor
 NT2 k reactor
 NT2 l reactor
 NT2 p reactor
 NT2 r reactor
 NT1 sr-305 reactor

production risers

INIS: 2000-04-12; ETDE: 1977-04-12
 USE marine risers

production tax

INIS: 2000-04-12; ETDE: 1981-03-17
 USE severance tax

PRODUCTIVITY

UF yield (biological)
 RT efficiency
 RT feasibility studies
 RT gas yields
 RT oil yields
 RT performance
 RT plant breeding
 RT production
 RT yields

productivity factor

INIS: 2000-04-12; ETDE: 1983-01-21
 USE formation damage

professional personnel

INIS: 2000-04-12; ETDE: 1979-03-28
 SEE architects
 SEE engineers
 SEE personnel
 SEE scientific personnel

professions

USE occupations

PROFITS

1992-04-09
 UF margins
 RT economics
 RT income
 RT royalties
 RT windfall profits tax

PROFLAVINE

*BT1 flavines
 BT1 mutagens
 RT acriflavine

PROGENY

UF offsprings
 RT animal breeding
 RT children
 RT fertility
 RT litter size
 RT parturition
 RT plant breeding
 RT reproduction
 RT sex ratio

PROGESTERONE

1996-10-23
 UF progestin
 *BT1 ketones
 *BT1 pregnanes
 *BT1 steroid hormones
 RT hydroxypregnenone
 RT lth
 RT ovaries
 RT pregnancy

progesterin

INIS: 2000-04-12; ETDE: 1978-10-23
 USE progesterone

PROGNOZ SATELLITES

BT1 satellites

PROGRAM MANAGEMENT

1992-05-21
 (From February to May 1992, this concept was indexed to USDOE PROGRAM MANAGEMENT in ETDE.)
 UF financial management
 UF project management
 UF us doe program management
 BT1 management
 NT1 contract management
 RT demonstration programs

RT property management
RT research programs

PROGRAMMING

Limited to computer programming. See also PLANNING.

UF computer programming
NT1 data-flow processing
NT1 parallel processing
NT1 vector processing
RT artificial intelligence
RT computer codes
RT computer program documentation
RT computers
RT executive codes
RT expert systems
RT fault tolerant computers
RT graphical user interface
RT knowledge base
RT memory management
RT programming languages
RT translators

PROGRAMMING LANGUAGES

1996-07-23
(Natural language as well as specific languages listed below as UF terms have been valid ETDE descriptors.)

UF computer languages
UF forth
UF languages (programming)
UF mimic
UF natural language
UF pl-11 language
UF speakeasy
NT1 ada
NT1 algol
NT1 basic
NT1 cobol
NT1 fortran
NT1 java
NT1 lisp
NT1 pascal
NT1 pl-1 language
NT1 prolog
NT1 python
RT computer codes
RT computer program documentation
RT programming
RT translators

PROGRESS REPORT

INIS: 1987-09-22; ETDE: 1987-10-23
Use only in conjunction with the literary indicator Y for indexing progress reports.
BT1 document types

prohibition of nuclear weapons (latin american treaty)

INIS: 1993-11-09; ETDE: 2002-04-26
USE tlattelolco treaty

PROHIBITION ORDERS

INIS: 2000-04-12; ETDE: 1980-08-12
BT1 administrative procedures

project anvil

INIS: 1978-04-21; ETDE: 2002-06-13
USE anvil project

project apollo

USE apollo project

project bedrock

INIS: 1976-11-08; ETDE: 2002-06-13
USE bedrock project

project buffalo

1996-06-26
(Prior to June 1996 BUFFALO PROJECT was a valid ETDE descriptor.)
USE nuclear explosions

project castle

1976-11-17
USE castle project

project crossroads

1976-11-17
USE crossroads project

project dominic

1976-11-17
USE dominic project

project greenhouse

1976-11-17
USE greenhouse project

project hardtack

1976-11-17
USE hardtack project

PROJECT INDEPENDENCE

2000-04-12
*BT1 energy policy

project independence evaluation system

INIS: 2000-04-12; ETDE: 1979-02-23
USE pies

project ivy

2002-06-07
(Prior to March 1996 IVY PROJECT was a valid ETDE descriptor.)
USE nuclear explosions

project jangle

2002-06-07
(Prior to March 1996 JANGLE PROJECT was a valid ETDE descriptor.)
USE nuclear explosions

project management

INIS: 2000-04-12; ETDE: 1980-09-05
USE program management

project plowshare

USE plowshare project

project plumbbob

1976-11-17
USE plumbbob project

project redwing

INIS: 1985-01-17; ETDE: 2002-06-13
USE redwing project

project salt vault

INIS: 2000-04-12; ETDE: 1980-12-08
USE salt vault project

project sunshine

INIS: 2000-04-12; ETDE: 1976-05-17
USE sunshine project

project thunderbird

INIS: 1983-09-05; ETDE: 1975-11-26
USE thunderbird project

project upshot

1976-11-17
USE upshot project

project vela

1976-11-17
USE vela project

PROJECTILES

RT armor
RT earth penetrators
RT guns
RT nuclear weapons
RT rockets

PROJECTION OPERATORS

A mathematical operator for projecting a quantity, e.g., angular momentum, on a given coordinate.

BT1 mathematical operators
RT aligned coupling scheme
RT quantum mechanics
RT wave functions

PROJECTION SERIES

INIS: 1994-07-01; ETDE: 1980-08-12

BT1 energy models
BT1 forecasting
RT mathematical models

PROJECTION SPARK CHAMBERS

Charged-particle detectors that provide particle identification through ionization loss sampling as well as three-dimensional particle trajectory measurement.

*BT1 spark chambers
RT drift chambers
RT fermilab collider detector
RT multiwire proportional chambers
RT time projection chambers

projection welding

1996-07-23
(Until July 1996 this was a valid descriptor.)
USE resistance welding

projectors (scanning)

USE scanning measuring projectors

prolactin

USE lth

PROLIFERATION

INIS: 1978-02-23; ETDE: 1977-08-09
(From May 1987 till March 1997
TERRORISM was a valid ETDE descriptor.)

UF non-proliferation
UF nonproliferation
UF nuclear weapons proliferation
SF terrorism
RT denatured fuel
RT dual-use technologies
RT fuel cycle
RT non-proliferation policy
RT non-proliferation treaty
RT nuclear deterrence
RT nuclear forensics
RT nuclear materials possession
RT nuclear weapons dismantlement
RT safeguards

proliferation (cell)

INIS: 1978-04-21; ETDE: 2002-04-26
USE cell proliferation

proliferation resistant molten salt/metal extraction

INIS: 2000-04-12; ETDE: 1979-09-26
USE reprocessing

PROLINE

UF 2-pyrrolidinecarboxylic acid
*BT1 amino acids
*BT1 heterocyclic acids
*BT1 pyrrolidines
RT collagen
RT hydroxyproline

PROLOG

INIS: 1989-04-20; ETDE: 1985-12-11
BT1 programming languages

promazine

USE tranquilizers

promethazine

ETDE: 1981-04-20
(Prior to April 1994, this was a valid ETDE descriptor.)
USE antihistaminics

PROMETHIUM

UF illinium
*BT1 rare earths

PROMETHIUM 126

2007-11-22
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 127

2007-11-22
*BT1 electron capture radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 128

2007-11-22
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 129

2006-01-18
*BT1 electron capture radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 130

INIS: 1985-07-22; ETDE: 1985-08-08
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 131

INIS: 1998-10-20; ETDE: 1998-11-04
*BT1 electron capture radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 132

INIS: 1977-06-14; ETDE: 1977-10-20
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 133

INIS: 1977-06-14; ETDE: 1977-10-20
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 134

INIS: 1977-04-07; ETDE: 1977-06-03
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 135

INIS: 1976-01-28; ETDE: 1976-03-12
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 136

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 137

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 138

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 139

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 140

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 141

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 142

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes

PROMETHIUM 143

*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 144

*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 years living radioisotopes

PROMETHIUM 145

*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 internal conversion radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 years living radioisotopes

PROMETHIUM 145 TARGET

INIS: 1992-09-23; ETDE: 1986-04-29
BT1 targets

PROMETHIUM 146

*BT1 beta-minus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 years living radioisotopes

PROMETHIUM 147

*BT1 beta-minus decay radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei
*BT1 years living radioisotopes

PROMETHIUM 147 TARGET

INIS: 1984-05-24; ETDE: 1980-01-15
BT1 targets

PROMETHIUM 148

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 isomeric transition isotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 149

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 149 TARGET

INIS: 1976-03-17; ETDE: 1976-07-12
BT1 targets

PROMETHIUM 150

*BT1 beta-minus decay radioisotopes
*BT1 hours living radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 151

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 odd-even nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 152

*BT1 beta-minus decay radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 promethium isotopes
*BT1 rare earth nuclei

PROMETHIUM 153

*BT1 beta-minus decay radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei

- *BT1 promethium isotopes
- *BT1 rare earth nuclei

PROMETHIUM 154

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei

PROMETHIUM 155

INIS: 1982-04-14; ETDE: 1981-09-08

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PROMETHIUM 156

INIS: 1986-10-29; ETDE: 1986-11-20

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PROMETHIUM 157

INIS: 1987-08-27; ETDE: 1987-10-02

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PROMETHIUM 158

INIS: 1987-08-27; ETDE: 1987-10-02

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PROMETHIUM 159

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

PROMETHIUM 160

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei

PROMETHIUM 161

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei

PROMETHIUM 162

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei

PROMETHIUM 163

2007-11-22

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 promethium isotopes
- *BT1 rare earth nuclei

PROMETHIUM ADDITIONS

1996-07-23

Alloys containing not more than 1% Pm are listed here.

- *BT1 rare earth additions

promethium alloys

1996-07-23

See also PROMETHIUM ADDITIONS.

(Until July 1996 this was a valid descriptor.)

- USE rare earth alloys

PROMETHIUM BROMIDES

1996-07-23

(From July 1996 to September 2007

PROMETHIUM COMPOUNDS + BROMIDES was used for this concept.)

- *BT1 bromides
- *BT1 promethium halides

PROMETHIUM CHLORIDES

- *BT1 chlorides
- *BT1 promethium halides

PROMETHIUM COMPLEXES

- *BT1 rare earth complexes

PROMETHIUM COMPOUNDS

1997-06-19

- BT1 rare earth compounds
- NT1 promethium halides
- NT2 promethium bromides
- NT2 promethium chlorides
- NT2 promethium fluorides
- NT2 promethium iodides
- NT1 promethium hydroxides
- NT1 promethium nitrates
- NT1 promethium oxides
- NT1 promethium phosphates

PROMETHIUM FLUORIDES

- *BT1 fluorides
- *BT1 promethium halides

PROMETHIUM HALIDES

2008-02-07

- *BT1 halides
- *BT1 promethium compounds
- NT1 promethium bromides
- NT1 promethium chlorides
- NT1 promethium fluorides
- NT1 promethium iodides

PROMETHIUM HYDROXIDES

2000-04-12

- *BT1 hydroxides
- *BT1 promethium compounds

PROMETHIUM IODIDES

1996-07-23

(From July 1996 to February 2008

PROMETHIUM COMPOUNDS + IODIDES was used for this concept.)

- *BT1 iodides
- *BT1 promethium halides

PROMETHIUM IONS

- *BT1 ions

PROMETHIUM ISOTOPES

- BT1 isotopes
- NT1 promethium 126
- NT1 promethium 127
- NT1 promethium 128
- NT1 promethium 129
- NT1 promethium 130
- NT1 promethium 131
- NT1 promethium 132
- NT1 promethium 133
- NT1 promethium 134
- NT1 promethium 135
- NT1 promethium 136
- NT1 promethium 137
- NT1 promethium 138
- NT1 promethium 139
- NT1 promethium 140
- NT1 promethium 141
- NT1 promethium 142

- NT1 promethium 143
- NT1 promethium 144
- NT1 promethium 145
- NT1 promethium 146
- NT1 promethium 147
- NT1 promethium 148
- NT1 promethium 149
- NT1 promethium 150
- NT1 promethium 151
- NT1 promethium 152
- NT1 promethium 153
- NT1 promethium 154
- NT1 promethium 155
- NT1 promethium 156
- NT1 promethium 157
- NT1 promethium 158
- NT1 promethium 159
- NT1 promethium 160
- NT1 promethium 161
- NT1 promethium 162
- NT1 promethium 163

PROMETHIUM NITRATES

- *BT1 nitrates
- *BT1 promethium compounds

PROMETHIUM OXIDES

- *BT1 oxides
- *BT1 promethium compounds

PROMETHIUM PHOSPHATES

2000-04-12

(From March 1997 to November 2007

PROMETHIUM COMPOUNDS + PHOSPHATES was used for this concept.))

- *BT1 phosphates
- *BT1 promethium compounds

promex process

INIS: 2000-04-12; ETDE: 1979-09-26

Method for reprocessing ceramic oxide or carbide fuels using extraction by molten salts followed by liquid metal extraction.

(Prior to January 1995, this was a valid ETDE descriptor.)

- USE reprocessing

prominences (solar)

- USE solar prominences

PROMOTERS

- NT1 tumor promoters
- RT catalysts

PROMPT ELECTRONS

- *BT1 electrons

PROMPT GAMMA RADIATION

- UF *pige analysis*
- *BT1 gamma radiation
- RT nuclear reactions
- RT photons

PROMPT NEUTRINOS

2018-06-19

- *BT1 atmospheric neutrinos

PROMPT NEUTRONS

- *BT1 fission neutrons
- RT fission spectra
- RT watt fission spectrum

PROMPT PROTONS

- *BT1 protons

prongs

- USE particle tracks

PRONY METHOD

INIS: 2000-04-12; ETDE: 1979-10-03

Means of obtaining parametric characterization of experimental data by fitting with sum of complex exponentials.

- BT1 mathematics
- BT1 parametric analysis
- RT data analysis
- RT data processing
- RT least square fit
- RT numerical analysis

proof test facility united nuclear corporation

1993-11-09

- USE ptf-unc reactor

propadiene

- USE allene

propagation (wave)

- USE wave propagation

PROPAGATOR

- RT feynman path integral
- RT quantum field theory

PROPANE

- *BT1 alkanes

propanol (1-)

ETDE: 2002-04-26

- USE propanols

PROPANOLS

- UF 1-propanol
- UF 2-propanol
- UF propanol (1-)
- UF propyl alcohols
- *BT1 alcohols

propanone

- USE acetone

PROPARGYL RADICALS

- *BT1 alkyl radicals

propellants

2000-04-12

(Prior to March 1997 this was a valid ETDE descriptor.)

- SEE explosives
- SEE fuels

propenal

- USE acrolein

propene

- USE propylene

PROPER MOTION

Motion of a star with relation to the celestial sphere.

- BT1 motion
- RT stars

properdin

2000-04-12

One component of a complement.

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE complement
- USE serine proteinases

properties (chemical)

INIS: 2000-04-12; ETDE: 1978-04-28

- USE chemical properties

properties (mechanical)

INIS: 2000-04-12; ETDE: 1978-04-28

- USE mechanical properties

properties (physical)

INIS: 2000-04-12; ETDE: 1978-04-28

- USE physical properties

property insurance

INIS: 1990-12-15; ETDE: 2002-04-26

(Prior to December 1990, this was a valid descriptor.)

- USE insurance

PROPERTY MANAGEMENT

INIS: 1992-07-22; ETDE: 1983-03-24

- BT1 management
- RT program management
- RT resource management

PROPERTY RIGHTS

INIS: 1986-07-09; ETDE: 1978-12-11

- RT legal aspects
- RT licenses
- RT ownership
- RT site approvals
- RT water rights

property tax exemption

INIS: 1982-12-03; ETDE: 1980-04-14

- USE financial incentives

PROPERTY VALUES

INIS: 1993-02-18; ETDE: 1978-02-14

- RT economics
- RT investment
- RT socio-economic factors

prophase

- USE mitosis

prophylaxis

- USE preventive medicine

propine

- USE propyne

PROPIOLONITRILE

2000-04-12

- UF cyanoacetylene
- *BT1 nitriles

PROPIONIC ACID

- *BT1 monocarboxylic acids

PROPORTIONAL COUNTERS

- *BT1 radiation detectors
- NT1 bf3 counters
- NT1 boron lined counters
- NT1 he-3 counters
- NT1 liquid proportional counters
- NT1 multiwire proportional chambers
- NT2 drift chambers
- NT3 time projection chambers
- NT1 needle chambers
- RT avalanche quenching
- RT corona counters
- RT flow counters
- RT gas scintillation detectors
- RT proton recoil detectors
- RT wall effects
- RT wall-less counters

PROPOSALS

INIS: 1999-03-15; ETDE: 1983-05-21

(From June 1978 until March 1996 BIDS was a valid ETDE descriptor.)

- UF bids
- UF unsolicited proposals
- RT contracts
- RT procurement

PROPOSED REMEDIAL ORDERS

INIS: 2000-04-12; ETDE: 1979-12-10

- BT1 administrative procedures

PROPPING AGENTS

INIS: 2000-04-12; ETDE: 1977-01-10

Materials, generally sand or other rock material, used to prop the artificial crevices formed when underground formations are fractured.

- RT borehole linking
- RT natural gas wells
- RT well completion

PROPRIETARY INFORMATION

INIS: 2000-04-12; ETDE: 1983-03-24

- BT1 information
- RT information dissemination

PROPULSION

- NT1 ion propulsion
- NT1 solar electric propulsion
- RT ion thrusters
- RT propulsion reactors
- RT propulsion systems
- RT thrusters
- RT transport

PROPULSION REACTORS

- SF 710 reactor
- *BT1 power reactors
- NT1 aircraft propulsion reactors
- NT2 xma-1 reactor
- NT1 ship propulsion reactors
- NT2 efdr-50 reactor
- NT2 lenin reactor
- NT2 leonid brezhnev reactor
- NT2 mutsu reactor
- NT2 otto hahn reactor
- NT2 savannah reactor
- NT2 sibir reactor
- NT1 space propulsion reactors
- NT2 kiwi reactors
- NT3 kiwi-tnt reactor
- NT2 nerva reactor
- NT2 nrx-a1 reactor
- NT2 nrx-a2 reactor
- NT2 nrx-a3 reactor
- NT2 nrx-a4-est reactor
- NT2 nrx-a5 reactor
- NT2 nrx-a6 reactor
- NT2 nrx-a7 reactor
- NT2 pewee-1 reactor
- NT2 pewee-2 reactor
- NT2 pewee-3 reactor
- NT2 pewee-4 reactor
- NT2 phoebus-1a reactor
- NT2 phoebus-1b reactor
- NT2 phoebus-2a reactor
- NT2 rover reactors
- NT2 twmr reactor
- NT2 xe-2 reactor
- NT1 tory-2a reactor
- NT1 tory-2c reactor
- NT1 xe-prime reactor
- RT propulsion
- RT propulsion systems
- RT zpr-9 reactor

PROPULSION SYSTEMS

INIS: 1986-01-21; ETDE: 1981-10-24

- RT aircraft
- RT ion thrusters
- RT missiles
- RT propulsion
- RT propulsion reactors
- RT rockets
- RT thrusters
- RT vehicles

propyl alcohols

- USE propanols

PROPYL RADICALS

- *BT1 alkyl radicals

PROPYLENE

UF propene
 *BT1 alkenes
 RT polypropylene

propylene carbonate

INIS: 2000-04-12; ETDE: 1980-12-08
 USE carbonic acid esters

PROPYNE

UF methylacetylene
 UF propine
 *BT1 alkynes

PROSPECTING

NT1 aerial prospecting
 RT exploration
 RT geochemical surveys
 RT geologic surveys
 RT geophysical surveys

PROSTAGLANDINS

RT hormones
 RT prostate

PROSTATE

*BT1 glands
 *BT1 male genitals
 RT prostaglandins

PROSTHESES

1995-11-15
 BT1 medical supplies
 NT1 mechanical heart
 RT artificial organs
 RT cardiac pacemakers
 RT surgical materials

PROTACTINIUM

*BT1 actinides

PROTACTINIUM 212

INIS: 2000-04-12; ETDE: 1997-10-10
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 213

INIS: 1995-05-22; ETDE: 1995-06-08
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 214

INIS: 1995-05-22; ETDE: 1995-06-08
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 215

INIS: 1979-09-18; ETDE: 1979-10-23
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 216

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 217

1977-09-15
 *BT1 actinide nuclei

*BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 218

INIS: 1977-09-15; ETDE: 1977-11-10
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 microseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 219

INIS: 1986-12-09; ETDE: 1987-02-24
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 220

1984-11-30
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 nanoseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 221

1984-11-30
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 microseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 222

INIS: 1977-03-01; ETDE: 1976-12-15
 *BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 223

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 224

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 225

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes
 *BT1 seconds living radioisotopes

PROTACTINIUM 226

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 227

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 228

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 229

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 230

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 beta-minus decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 231

*BT1 actinide nuclei
 *BT1 alpha decay radioisotopes
 *BT1 neon 24 decay radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes
 *BT1 years living radioisotopes

PROTACTINIUM 231 TARGET

ETDE: 1976-07-09
 BT1 targets

PROTACTINIUM 232

*BT1 actinide nuclei
 *BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 232 TARGET

1979-11-02
 BT1 targets

PROTACTINIUM 233

*BT1 actinide nuclei
 *BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 233 TARGET

INIS: 1980-07-24; ETDE: 1980-08-12
 BT1 targets

PROTACTINIUM 234

*BT1 actinide nuclei
 *BT1 beta-minus decay radioisotopes
 *BT1 hours living radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 235

*BT1 actinide nuclei
 *BT1 beta-minus decay radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 236

*BT1 actinide nuclei
 *BT1 beta-minus decay radioisotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 protactinium isotopes

PROTACTINIUM 237

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 protactinium isotopes

PROTACTINIUM 238

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 protactinium isotopes

PROTACTINIUM 239

1996-01-11

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 protactinium isotopes

PROTACTINIUM 240

2007-11-22

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 protactinium isotopes

protactinium additions

2000-03-28

(Until July 1996 this was a valid descriptor.)

- USE protactinium alloys
- USE protactinium compounds

PROTACTINIUM ALLOYS

1996-07-23

Alloys containing more than 1% Pa.

- UF protactinium additions
- *BT1 actinide alloys

PROTACTINIUM BROMIDES

- *BT1 bromides
- *BT1 protactinium halides

PROTACTINIUM CARBIDES

1997-01-28

(From November 1996 to November 2007

PROTACTINIUM COMPOUNDS + CARBIDES was used for this concept.)

- *BT1 carbides
- *BT1 protactinium compounds

PROTACTINIUM CHLORIDES

- *BT1 chlorides
- *BT1 protactinium halides

PROTACTINIUM COMPLEXES

- *BT1 actinide complexes

PROTACTINIUM COMPOUNDS

1996-11-13

- UF protactinium additions
- BT1 actinide compounds
- NT1 protactinium carbides
- NT1 protactinium halides
- NT2 protactinium bromides
- NT2 protactinium chlorides
- NT2 protactinium fluorides
- NT2 protactinium iodides
- NT1 protactinium hydrides
- NT1 protactinium hydroxides
- NT1 protactinium nitrates
- NT1 protactinium oxides
- NT1 protactinium phosphates
- NT1 protactinium sulfates

PROTACTINIUM FLUORIDES

- *BT1 fluorides
- *BT1 protactinium halides

PROTACTINIUM HALIDES

2008-02-07

- *BT1 halides

- *BT1 protactinium compounds

NT1 protactinium bromides

NT1 protactinium chlorides

NT1 protactinium fluorides

NT1 protactinium iodides

PROTACTINIUM HYDRIDES

INIS: 1997-01-28; ETDE: 1984-08-06

(From November 1996 to November 2007

PROTACTINIUM COMPOUNDS + HYDRIDES was used for this concept.)

- *BT1 hydrides
- *BT1 protactinium compounds

PROTACTINIUM HYDROXIDES

1996-07-23

(From July 1996 to November 2007

PROTACTINIUM COMPOUNDS + HYDROXIDES was used for this concept.)

- *BT1 hydroxides
- *BT1 protactinium compounds

PROTACTINIUM IODIDES

1997-01-28

(From October 1996 to February 2008

PROTACTINIUM COMPOUNDS + IODIDES was used for this concept.)

- *BT1 iodides
- *BT1 protactinium halides

PROTACTINIUM IONS

- *BT1 ions

PROTACTINIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 protactinium 212
- NT1 protactinium 213
- NT1 protactinium 214
- NT1 protactinium 215
- NT1 protactinium 216
- NT1 protactinium 217
- NT1 protactinium 218
- NT1 protactinium 219
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- NT1 protactinium 238
- NT1 protactinium 239
- NT1 protactinium 240

PROTACTINIUM NITRATES

1996-07-23

(From July 1996 to November 2007

PROTACTINIUM COMPOUNDS + NITRATES was used for this concept.)

- *BT1 nitrates
- *BT1 protactinium compounds

PROTACTINIUM OXIDES

- *BT1 oxides
- *BT1 protactinium compounds

PROTACTINIUM PHOSPHATES

INIS: 2000-04-12; ETDE: 1976-09-15

(From March 1997 to November 2007

PROTACTINIUM COMPOUNDS + PHOSPHATES was used for this concept.)

- *BT1 phosphates
- *BT1 protactinium compounds

PROTACTINIUM SULFATES

1996-07-23

(From July 1996 to November 2007

PROTACTINIUM COMPOUNDS + SULFATES was used for this concept.)

- *BT1 protactinium compounds
- *BT1 sulfates

PROTAMINES

1996-07-08

(Prior to August 1996 SALMIN was a valid ETDE descriptor.)

- UF salmin
- *BT1 coagulants
- *BT1 proteins
- RT nucleoproteins

protected areas

2013-11-27

- USE nature reserves

protection

2000-04-12

- USE safety

protection (corrosion)

- USE corrosion protection

protection (radiation)

- USE radiation protection

protection (safety)

INIS: 1976-03-02; ETDE: 2002-04-26

- USE safety

protective chemicals

INIS: 2000-04-12; ETDE: 1977-04-12

- USE response modifying factors

PROTECTIVE CLOTHING

- BT1 clothing
- NT1 gloves
- RT life support systems
- RT radiation protection
- RT respirators
- RT skin absorption

PROTECTIVE COATINGS

- BT1 coatings
- RT decontamination
- RT latex
- RT waterproofing

protein-bound iodine

- USE pbi

PROTEIN DENATURATION

- UF denaturation (protein)
- RT heat treatments
- RT molecular structure
- RT ph value
- RT protein structure
- RT proteins

PROTEIN ENGINEERING

INIS: 1994-09-08; ETDE: 1988-04-15

Alteration of the primary structure of a protein to enhance a desired property.

- RT amino acid sequence
- RT biochemical reaction kinetics
- RT biotechnology
- RT genetic engineering
- RT polymerase chain reaction
- RT structure-activity relationships

protein sequencing*INIS: 2000-04-12; ETDE: 1984-02-10*

USE amino acid sequence

PROTEIN STRUCTURE*1984-12-04*

RT amino acid sequence
 RT amino acids
 RT molecular structure
 RT post-translation modification
 RT protein denaturation
 RT proteins
 RT structure-activity relationships

PROTEINS*1996-07-23*

BT1 organic compounds
 NT1 actin
 NT1 albumins
 NT2 luciferin
 NT1 blood coagulation factors
 NT2 fibrin
 NT2 fibrinogen
 NT2 kallikrein
 NT2 plasminogen
 NT2 prothrombin
 NT2 thrombin
 NT2 thromboplastin
 NT2 urokinase
 NT1 calmodulin
 NT1 casein
 NT1 chlorophyll-binding proteins
 NT1 complement
 NT1 cytochromes
 NT1 enzymes
 NT2 dna helicases
 NT2 gene recombination proteins
 NT2 hydrolases
 NT3 acid anhydases
 NT4 gtp-ases
 NT4 phosphohydrolases
 NT5 atp-ase
 NT3 esterases
 NT4 carboxylesterases
 NT5 cholinesterase
 NT5 lipases
 NT4 phosphatases
 NT5 acid phosphatase
 NT5 alkaline phosphatase
 NT5 nucleotidases
 NT4 phosphodiesterases
 NT5 nucleases
 NT6 dna-ase
 NT7 endonucleases
 NT6 rna-ase
 NT3 glycosyl hydrolases
 NT4 o-glycosyl hydrolases
 NT5 amylase
 NT5 cellulase
 NT5 galactosidase
 NT5 glucosidase
 NT5 glucuronidase
 NT5 hyaluronidase
 NT5 lysozyme
 NT5 xylanase
 NT3 non-peptide c-n hydrolases
 NT4 amidases
 NT5 arginase
 NT5 urease
 NT4 amidinases
 NT3 peptide hydrolases
 NT4 acid proteinases
 NT5 pepsin
 NT4 aminopeptidases
 NT4 carboxypeptidases
 NT4 nonspecific peptidases
 NT5 renin
 NT5 urokinase
 NT4 serine proteinases

NT5 chymotrypsin
 NT5 fibrinolysin
 NT5 kallikrein
 NT5 thrombin
 NT5 trypsin
 NT4 sh-proteinases
 NT5 cathepsins
 NT5 papain
 NT5 streptococcal proteinase
 NT2 isomerases
 NT2 ligases
 NT2 lyases
 NT3 carbon-carbon lyases
 NT4 aldehyde-lyases
 NT4 aldolases
 NT4 carboxy-lyases
 NT5 carboxylase
 NT5 decarboxylases
 NT5 ribulose diphosphate
 carboxylase
 NT3 carbon-oxygen lyases
 NT4 hyaluronidase
 NT4 hydro-lyases
 NT5 carbonic anhydrase
 NT3 cyclases
 NT3 dna methylases
 NT2 oxidoreductases
 NT3 amine oxidases
 NT3 aryl 4-monooxygenase
 NT3 diaphorase
 NT3 hemiacetal dehydrogenases
 NT4 alcohol dehydrogenase
 NT4 lactate dehydrogenase
 NT3 hydrogenases
 NT3 hydroxylases
 NT4 tyrosinase
 NT3 nitro-group dehydrogenases
 NT4 nitrogenase
 NT3 oxidases
 NT4 cytochrome oxidase
 NT4 luciferase
 NT3 oxygenases
 NT4 mixed-function oxidases
 NT3 peroxidases
 NT4 catalase
 NT3 superoxide dismutase
 NT2 transferases
 NT3 carbon-group transferases
 NT4 methyl transferases
 NT3 glycosyl transferases
 NT4 hexosyl transferases
 NT4 pentosyl transferases
 NT5 hypoxanthine
 phosphoribosyltransferase
 NT3 nitrogen transferases
 NT4 aminotransferases
 NT3 phosphorus-group transferases
 NT4 nucleotidyltransferases
 NT5 polymerases
 NT6 dna polymerases
 NT6 rna polymerases
 NT4 phosphotransferases
 NT5 hexokinase
 NT1 gelatin
 NT1 globins
 NT2 hemoglobin
 NT3 methemoglobin
 NT2 myoglobin
 NT1 globulins
 NT2 angiotensin
 NT2 fibrinogen
 NT2 globulins-alpha
 NT3 ceruloplasmin
 NT3 haptoglobins
 NT2 globulins-beta
 NT3 transferrin
 NT2 globulins-gamma
 NT2 immunoglobulins
 NT2 lactoferrin

NT2 myosin
 NT2 thyroglobulin
 NT1 glycoproteins
 NT2 avidin
 NT2 glucoproteins
 NT3 lactoferrin
 NT3 ovalbumin
 NT2 luteinizing hormone
 NT1 growth factors
 NT2 lymphokines
 NT3 interferon
 NT1 heat-shock proteins
 NT1 histones
 NT1 lipoproteins
 NT2 apolipoproteins
 NT2 myelin
 NT1 membrane proteins
 NT2 porins
 NT2 receptors
 NT2 thylakoid membrane proteins
 NT3 phycobiliproteins
 NT4 phycocyanin
 NT1 metalloproteins
 NT2 ceruloplasmin
 NT2 ferredoxin
 NT2 ferritin
 NT2 hemocyanin
 NT2 hemosiderin
 NT2 lactoferrin
 NT2 metallothionein
 NT2 rubredoxin
 NT2 transferrin
 NT1 mucoproteins
 NT2 haptoglobins
 NT2 intrinsic factor
 NT2 phytohemagglutinin
 NT1 nucleoproteins
 NT1 pbi
 NT1 peptide hormones
 NT2 calcitonin
 NT2 erythropoietin
 NT2 gastrin
 NT2 glucagon
 NT2 insulin
 NT2 leptin
 NT2 parathormone
 NT2 pituitary hormones
 NT3 acth
 NT3 gonadotropins
 NT4 fsh
 NT4 hcg
 NT4 lth
 NT4 luteinizing hormone
 NT3 liberins
 NT4 lh-rh
 NT3 oxytocin
 NT3 sth
 NT3 tsh
 NT3 vasopressin
 NT2 secretin
 NT2 thyroid hormones
 NT3 diiodothyronine
 NT3 thyrocalcitonin
 NT3 thyroxine
 NT3 triiodothyronine
 NT2 thyronine
 NT2 trh
 NT1 peptides
 NT2 cyclosporine
 NT2 glycylglycine
 NT2 polypeptides
 NT3 calcitonin
 NT3 endorphins
 NT4 enkephalins
 NT3 endothelins
 NT3 gastrin
 NT3 glucagon
 NT3 glutathione
 NT3 kinins

NT4 bradykinin
NT3 leptin
NT1 peptone
NT1 phosphoproteins
NT1 phytochromes
NT2 chlorophyll
NT1 protamines
NT1 rhodopsin
NT1 scleroproteins
NT2 collagen
NT2 fibrin
NT2 glutin
NT2 keratin
NT1 transcription factors
NT1 tropomyosin
NT1 zein
RT amino acid sequence
RT amino acids
RT blood plasma
RT cpb
RT dialysis
RT food
RT microtubules
RT peanuts
RT polyamides
RT post-translation modification
RT protein denaturation
RT protein structure
RT proteolysis
RT single cell protein

proteolipids

USE lipoproteins

PROTEOLYSIS

*BT1 decomposition
NT1 fibrinolysis
RT catabolism
RT clostridium
RT peptide hydrolases
RT post-translation modification
RT proteins

PROTEUS

*BT1 bacteria
RT feces
RT soils

PROTEUS REACTOR

Eidgenoessiches Institut fuer Reaktorforschung, Wuerenlingen, Argovie, Switzerland. Decommissioned since 2018.

UF wuerenlingen proteus reactor
 *BT1 enriched uranium reactors
 *BT1 graphite moderated reactors
 *BT1 research reactors
 *BT1 test reactors

PROTHROMBIN

*BT1 blood coagulation factors

protium

INIS: 1975-09-01; ETDE: 2002-04-26
 USE hydrogen 1

PROTO-CLEO STELLARATORS

*BT1 stellarators
RT cleo stellarator

PROTON-ANTINEUTRON INTERACTIONS

(Prior to February 1995 ANTINEUTRON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

UF antineutron-deuteron interactions
 *BT1 nucleon-antinucleon interactions

PROTON-ANTIPROTON INTERACTIONS

(From January 1975 till May 1996 antiproton-deuteron interactions was a valid ETDE descriptor.)

UF antiproton-deuteron interactions
UF antiproton-proton interactions
 *BT1 nucleon-antinucleon interactions

proton-atom collisions

INIS: 1984-04-04; ETDE: 2002-04-26
 USE hydrogen ions 1 plus
 USE ion-atom collisions

PROTON BEAMS

*BT1 nucleon beams
RT electron cooling
RT proton channeling
RT proton probes
RT protons

proton blocking

USE proton channeling

PROTON CHANNELING

UF proton blocking
 BT1 channeling
RT proton beams

PROTON COMPUTED TOMOGRAPHY

INIS: 1980-04-02; ETDE: 1981-04-17
UF proton scanners (tomography)
 *BT1 computerized tomography
RT biomedical radiography
RT image scanners
RT proton radiography

PROTON CONDUCTIVITY

2007-05-16
 *BT1 ionic conductivity

proton decay (nuclear decay)

INIS: 1985-03-19; ETDE: 2002-04-26
Emission of protons from ground states of nuclei.
 USE proton-emission decay

proton decay (particle decay)

INIS: 1985-03-19; ETDE: 2002-04-26
Decay of the proton. Coordinate the descriptor below with a descriptor for the decay, e.g. SEMILEPTONIC DECAY.
 USE protons

PROTON DECAY RADIOISOTOPES

INIS: 1995-02-27; ETDE: 1984-12-27

*BT1 radioisotopes
NT1 aluminium 21
NT1 argon 30
NT1 arsenic 62
NT1 arsenic 63
NT1 arsenic 64
NT1 bismuth 185
NT1 calcium 34
NT1 cesium 112
NT1 cesium 113
NT1 chlorine 28
NT1 chlorine 29
NT1 chlorine 30
NT1 cobalt 49
NT1 cobalt 52
NT1 cobalt 53
NT1 copper 52
NT1 copper 53
NT1 copper 54
NT1 europium 130
NT1 europium 131
NT1 europium 132
NT1 fluorine 14
NT1 germanium 62

NT1 gold 170
NT1 gold 171
NT1 holmium 140
NT1 holmium 141
NT1 iodine 109
NT1 iridium 164
NT1 iridium 165
NT1 iron 45
NT1 lanthanum 117
NT1 lutetium 150
NT1 lutetium 151
NT1 manganese 45
NT1 nitrogen 10
NT1 potassium 33
NT1 potassium 34
NT1 rhenium 159
NT1 rhenium 160
NT1 rubidium 71
NT1 rubidium 72
NT1 scandium 36
NT1 scandium 37
NT1 scandium 38
NT1 scandium 39
NT1 selenium 66
NT1 sodium 19
NT1 sulfur 26
NT1 tantalum 155
NT1 tantalum 156
NT1 tantalum 157
NT1 terbium 135
NT1 terbium 137
NT1 terbium 138
NT1 thallium 176
NT1 thallium 177
NT1 thulium 144
NT1 thulium 145
NT1 thulium 146
NT1 thulium 147
NT1 vanadium 40
NT1 vanadium 41
NT1 zinc 54
NT1 zinc 55
NT1 zinc 56
RT proton-emission decay

PROTON DENSITY

UF density (proton)
RT protons

PROTON DETECTION

*BT1 charged particle detection
RT proton dosimetry
RT recoils

PROTON-DEUTERON INTERACTIONS

2017-09-19

*BT1 nucleon-deuteron interactions

PROTON DOSIMETRY

BT1 dosimetry
RT proton detection

PROTON-EMISSION DECAY

INIS: 1985-03-19; ETDE: 1984-12-27
Emission of protons from ground states of nuclei.

UF proton decay (nuclear decay)
 *BT1 nuclear decay
RT proton decay radioisotopes
RT protons

PROTON EXCHANGE MEMBRANE FUEL CELLS

INIS: 2000-04-12; ETDE: 1999-09-09
UF polymer electrolyte fuel cells
 *BT1 solid electrolyte fuel cells
RT direct methanol fuel cells
RT regenerative fuel cells

proton halos

1995-07-03

USE nuclear halos

proton-induced x-ray emission analysis

INIS: 1993-11-09; ETDE: 1980-10-07

USE pixe analysis

proton magnetic resonance spectra

INIS: 1993-11-09; ETDE: 2002-04-26

USE nmr spectra

USE protons

PROTON MICROPROBE ANALYSIS

INIS: 1979-04-27; ETDE: 1978-09-11

BT1 microanalysis

*BT1 nondestructive analysis

RT proton probes

proton-molecule collisions

INIS: 1984-04-04; ETDE: 2002-04-26

USE hydrogen ions 1 plus

USE ion-molecule collisions

PROTON-NEUTRON INTERACTIONS

(From February 1975 till May 1996

NEUTRON-DEUTERON INTERACTIONS and PROTON-DEUTERON

INTERACTIONS were valid descriptors.)

UF neutron-deuteron interactions

*BT1 proton-nucleon interactions

PROTON-NUCLEON INTERACTIONS

1986-04-04

(Prior to April 1986 the coordination of PROTON-NEUTRON INTERACTIONS and PROTON-PROTON INTERACTIONS was used for this concept.)

*BT1 nucleon-nucleon interactions

NT1 proton-neutron interactions

NT1 proton-proton interactions

PROTON PRECESSION MAGNETOMETERS

*BT1 magnetometers

PROTON PRECIPITATION

BT1 charged-particle precipitation

RT aurorae

RT auroral oval

RT midday aurorae

RT polar cusp

RT radiation belts

RT trapped protons

PROTON PROBES

INIS: 1978-04-21; ETDE: 1976-09-28

BT1 probes

RT ion probes

RT proton beams

RT proton microprobe analysis

proton-proton cycle

INIS: 1978-11-24; ETDE: 1980-07-23

USE hydrogen burning

PROTON-PROTON INTERACTIONS

(From February 1975 till May 1996

PROTON-DEUTERON INTERACTIONS was a valid ETDE descriptor.)

*BT1 proton-nucleon interactions

PROTON RADIOGRAPHY

INIS: 1976-08-17; ETDE: 1975-07-29

*BT1 industrial radiography

RT biomedical radiography

RT proton computed tomography

PROTON REACTIONS

UF pige analysis

*BT1 charged-particle reactions

*BT1 nucleon reactions

PROTON RECOIL DETECTORS

*BT1 neutron detectors

RT proportional counters

RT radiator counters

RT recoils

RT scintillation counters

PROTON SATELLITES

BT1 satellites

RT interkosmos satellites

RT kosmos satellites

proton scanners (tomography)

INIS: 1984-04-04; ETDE: 2002-04-26

USE proton computed tomography

PROTON SOURCES

*BT1 particle sources

RT protons

PROTON SPECTRA

BT1 spectra

RT protons

PROTON SPECTROMETERS

*BT1 spectrometers

PROTON TEMPERATURE

UF temperature (proton)

RT energy

RT protons

PROTON TRANSPORT

UF transport (proton)

*BT1 charged-particle transport

PROTONIUM

2000-04-10

*BT1 hadronic atoms

RT antiprotons

RT baryonium

RT muonium

RT positronium

RT protons

PROTONS

UF pmr spectra

UF proton decay (particle decay)

UF proton magnetic resonance spectra

*BT1 nucleons

NT1 antiprotons

NT1 cosmic protons

NT1 delayed protons

NT1 diprotons

NT1 photoprotons

NT1 prompt protons

NT1 solar protons

NT1 trapped protons

RT hydrogen ions 1 plus

RT proton beams

RT proton density

RT proton-emission decay

RT proton sources

RT proton spectra

RT proton temperature

RT protonium

PROTOPLANETS

RT cosmological models

RT planets

RT solar nebula

RT solar system evolution

protoplasts

USE plant cells

PROTOPORPHYRINS

BT1 pigments

*BT1 porphyrins

RT hemoglobin

PROTOSTARS

RT cosmological models

RT origin

RT star accretion

RT stars

prototype a terre

2000-04-12

USE pat reactor

prototype fast reactor downreay

2000-04-12

USE pfr reactor

prototype fast reactor japan

USE monju reactor

prototype large breeder reactor

INIS: 1993-11-09; ETDE: 1977-08-24

USE plbr reactor

PROTOZOA

*BT1 invertebrates

BT1 microorganisms

NT1 ciliata

NT2 paramecium

NT2 tetrahymena

NT1 mastigophora

NT2 dinoflagellate

NT2 euglena

NT2 trypanosoma

NT1 sarcodina

NT2 amoeba

NT2 foraminifera

NT1 sporozoa

NT2 babesidae

NT2 plasmodium

RT parasites

RT plankton

RT zooplankton

protracted irradiation

USE chronic irradiation

provincial government

INIS: 1980-11-07; ETDE: 2002-04-26

USE state government

PROXIMITY EFFECT

RT superconductivity

PROXIMITY SCATTERING

1986-04-04

Mutual scatterings of two outgoing particles from sequential nuclear reactions.

BT1 scattering

RT final-state interactions

RT nuclear reactions

PRPR REACTOR

Univ. of Puerto Rico, College Station, Mayaguez, Puerto Rico, USA. Shut down in 1976.

UF mayaguez puerto rico pool reactor

UF puerto rico pool type reactor

*BT1 pool type reactors

*BT1 triga type reactors

PRR-1 REACTOR

Quezon City, Philippines.

UF philippine research reactor-1

UF quezon philippine reactor

*BT1 enriched uranium reactors

*BT1 pool type reactors

PRR REACTOR

United Nuclear Corp., Pawling, New York, USA. Shut down in 1971.

UF nda remote experiment station

UF pawling research reactor

UF *platr reactor*
 *BT1 enriched uranium reactors
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 tank type reactors
 *BT1 thermal reactors

PRTR REACTOR

Richland, Washington, USA.

UF *plutonium recycle test reactor*
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 pressure tube reactors
 *BT1 research reactors

PRUDHOE BAY

INIS: 1992-01-09; ETDE: 1977-06-02

*BT1 bays
 *BT1 beaufort sea
 RT alaska

prussian blue

ETDE: 2002-04-26

USE ferrocyanides
 USE potassium compounds

PS SOLAR CELLS

INIS: 2000-04-12; ETDE: 1981-07-18

UF *polymer-semiconductor solar cells*
 *BT1 solar cells
 RT organic solar cells

PSBR REACTOR

Pennsylvania State Univ., University Park, Pennsylvania, USA.

(Prior to September 2010 PSTR REACTOR was used for this reactor.)

UF *penn state breazeale nuclear reactor*
 UF *pennsylvania state triga reactor*
 UF *pennsylvania state university research reactor*
 UF *psr reactor*
 UF *pstr reactor*
 UF *triga-pennsylvania reactor*
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 training reactors
 *BT1 triga type reactors

psd

INIS: 2000-04-12; ETDE: 1979-07-24

Prevention of Significant Deterioration. US pollution regulation.

(Prior to March 1997 PREVENTION OF SIGNIFICANT DETERIORATION was used for this concept in ETDE.)

SEE air pollution abatement
 SEE land pollution abatement
 SEE water pollution abatement

PSE REACTOR

Savannah River Plant, Aiken, South Carolina, USA.

UF *pressurized subcritical experiment savannah*
 UF *savannah pressurized subcritical experiment*
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 natural uranium reactors
 *BT1 subcritical assemblies
 *BT1 tank type reactors
 *BT1 thermal reactors

PSEUDOMONAS

*BT1 bacteria

pseudoparticles

INIS: 2000-04-12; ETDE: 1977-11-29

USE instantons

PSEUDOSCALAR ANTIMESONS

1999-03-05

*BT1 antimesons
 *BT1 pseudoscalar mesons
 NT1 anti-b neutral mesons
 NT1 anti-d neutral mesons

PSEUDOSCALAR MESONS

1995-08-07

Mesons with spin and parity 0-.

*BT1 mesons
 NT1 b c mesons
 NT1 b mesons
 NT2 b minus mesons
 NT2 b neutral mesons
 NT3 anti-b neutral mesons
 NT2 b plus mesons
 NT1 b s mesons
 NT1 d mesons
 NT2 d minus mesons
 NT2 d neutral mesons
 NT3 anti-d neutral mesons
 NT2 d plus mesons
 NT1 d s mesons
 NT1 eta-1295 mesons
 NT1 eta-1440 mesons
 NT1 eta c-2980 mesons
 NT1 eta mesons
 NT1 eta prime-958 mesons
 NT1 k-1460 mesons
 NT1 k-1830 mesons
 NT1 kaons

NT2 antikaons
 NT3 antikaons neutral
 NT2 cosmic kaons
 NT2 kaons minus
 NT2 kaons neutral
 NT3 antikaons neutral
 NT3 kaons neutral long-lived
 NT3 kaons neutral short-lived
 NT2 kaons plus
 NT1 pi-1300 mesons
 NT1 pi-1770 mesons
 NT1 pions
 NT2 cosmic pions
 NT2 pions minus
 NT2 pions neutral
 NT2 pions plus
 NT1 pseudoscalar antimmesons
 NT2 anti-b neutral mesons
 NT2 anti-d neutral mesons
 RT meson nonets
 RT sigma model

PSEUDOSCALARS

RT scalars

PSEUDOVECTOR COUPLING

BT1 coupling
 RT nucleons

pseudovector mesons

INIS: 1987-12-21; ETDE: 1988-01-25

USE axial vector mesons

psi-3105 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE j psi-3097 mesons

PSI-3685 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by PSI-3695 RESONANCES.)

UF *psi-3695 resonances*
 *BT1 charmonium
 *BT1 vector mesons

psi-3695 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE psi-3685 mesons

PSI-3770 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by PSI-3772 RESONANCES.)

UF *psi-3772 resonances*
 *BT1 charmonium
 *BT1 vector mesons

psi-3772 resonances

INIS: 1987-12-21; ETDE: 1978-04-06

(Prior to December 1987 this was a valid descriptor.)

USE psi-3770 mesons

psi-4028 resonances

INIS: 1987-12-21; ETDE: 1978-07-06

(Prior to December 1987 this was a valid descriptor.)

USE psi-4040 mesons

psi-4030 mesons

INIS: 1995-08-07; ETDE: 1988-02-01

(From December 1987 until July 1995 this was a valid term.)

USE psi-4040 mesons

PSI-4040 MESONS

1995-08-07

(Until December 1987 this concept was indexed by PSI-4028 RESONANCES; from then until July 1995 it was indexed by PSI-4030 MESONS.)

UF *psi-4028 resonances*
 UF *psi-4030 mesons*
 *BT1 charmonium
 *BT1 vector mesons

psi-4100 resonances

INIS: 1987-12-21; ETDE: 1975-10-28

(Prior to December 1987 this was a valid descriptor.)

USE psi-4160 mesons

PSI-4160 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by PSI-4100 RESONANCES.)

UF *psi-4100 resonances*
 *BT1 charmonium
 *BT1 vector mesons

psi-4300 resonances

INIS: 1988-03-08; ETDE: 1975-12-16

(Prior to December 1987 this was a valid descriptor.)

USE mesons

psi-4414 resonances

INIS: 1987-12-21; ETDE: 1978-07-06

(Prior to December 1987 this was a valid descriptor.)

USE psi-4415 mesons

PSI-4415 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by PSI-4414 RESONANCES.)

UF *psi-4414 resonances*
 *BT1 charmonium
 *BT1 vector mesons

psi resonances

INIS: 1988-03-08; ETDE: 1976-11-02
(Prior to December 1987 this was a valid descriptor.)
USE mesons

PSORALEN

*BT1 anticoagulants
*BT1 heterocyclic compounds
*BT1 organic oxygen compounds
RT benzofurans
RT coumarin

PSORIASIS

*BT1 skin diseases
RT skin

psr reactor

USE psbr reactor

PSS METHOD

Perturbed stationary states method.
UF *perturbed stationary states method*
RT collisions

psr reactor

2010-10-14
Pennsylvania State Univ., University Park,
Pennsylvania, USA.
(Prior to September 2010 this was a valid descriptor.)
USE psbr reactor

psychoactive agents

INIS: 2000-04-12; ETDE: 1981-04-20
USE psychotropic drugs

psychology

INIS: 2000-03-28; ETDE: 1980-03-04
(Prior to March 1997 this was a valid ETDE descriptor.)
SEE behavior
SEE human factors

psychoses

USE mental disorders

PSYCHOTROPIC DRUGS

UF *psychoactive agents*
*BT1 central nervous system agents
NT1 antidepressants
NT2 cocaine
NT2 imipramine
NT1 hallucinogens
NT2 bufotenine
NT1 tranquilizers
NT2 chlorpromazine
NT2 reserpine
RT analeptics
RT mental disorders

psychrometry

INIS: 2000-04-12; ETDE: 1981-11-24
The science and techniques associated with measurements of the water vapor content of air or other gases. See also HUMIDITY and/or MOISTURE.
(Prior to March 1997 this was a valid ETDE descriptor.)
USE hygrometry

PTERIDINES

UF *pterins*
*BT1 azaarenes
NT1 aminopterin
NT1 folic acid
RT pyrazines
RT pyrimidines

pterins

USE pteridines

pteroylglutamic acid

USE folic acid

PTF-UNC REACTOR

United Nuclear Corp., Elmsford, New York, USA.
UF *proof test facility united nuclear corporation*
UF *united nuclear corporation proof test reactor*
*BT1 zero power reactors

ptfe

2000-04-12
USE polytetrafluoroethylene

PTR REACTOR

AECL, Chalk River, Ontario, Canada. Permanent shutdown since 1990.
UF *chalk river pool test reactor*
UF *pool test reactor chalk river*
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors

PUBLIC ANXIETY

INIS: 1991-12-11; ETDE: 1992-01-24
RT accidents
RT attitudes
RT behavior
RT nuclear facilities
RT sociology

public attitudes

INIS: 1978-01-13; ETDE: 1977-07-23
USE public opinion

PUBLIC BUILDINGS

INIS: 1992-05-18; ETDE: 1978-10-23
Government-owned buildings.
UF *county buildings*
UF *court buildings*
UF *fire stations*
UF *jails*
UF *municipal buildings*
UF *senior centers*
UF *state buildings*
UF *visitor centers*
BT1 buildings
RT government buildings
RT hospitals
RT libraries
RT office buildings
RT school buildings
RT skating rinks

public corporations

INIS: 2000-04-12; ETDE: 1979-07-24
USE public enterprises

PUBLIC ENTERPRISES

INIS: 1992-04-02; ETDE: 1979-07-24
Government-owned enterprises.
UF *national enterprises*
UF *public corporations*
UF *state enterprises*
SF *public transport*
SF *public transportation systems*
RT government policies
RT ownership

PUBLIC HEALTH

1982-12-03
UF *health (public)*
RT health hazards
RT human populations
RT medical establishments
RT preventive medicine
RT quality of life
RT quarantine
RT radiation protection

RT water reclamation

PUBLIC INFORMATION

INIS: 1994-04-12; ETDE: 1979-12-17
(Until April 1994 this concept was indexed to PUBLIC RELATIONS.)
BT1 information
RT declassification
RT information dissemination
RT public relations

PUBLIC LANDS

1986-07-09
Lands not owned by private persons, corporations, etc.
SF *parks*
NT1 everglades national park
NT1 natural bridges national monument
NT1 yellowstone national park
RT land resources
RT recreational areas

PUBLIC LAW

INIS: 1999-02-18; ETDE: 1992-01-08
Body of rules governing state action and relationship with citizens.
BT1 laws

PUBLIC OFFICIALS

INIS: 1985-09-09; ETDE: 1979-11-23
BT1 personnel
NT1 state officials
RT government policies
RT local government
RT national government
RT political aspects
RT state government

PUBLIC OPINION

INIS: 1978-01-13; ETDE: 1977-07-23
UF *attitudes of the public*
UF *nuclear controversy*
UF *public attitudes*
SF *surveys*
NT1 environmental awareness
RT aesthetics
RT attitudes
RT ethical aspects
RT political aspects
RT public relations

PUBLIC POLICY

INIS: 1998-01-28; ETDE: 1979-05-25
Body of rules governing State action and relationship with citizens.
(Until March 1992, this concept was indexed by PUBLIC LAW.)
RT government policies
RT institutional factors
RT laws
RT legal aspects
RT legislation
RT political aspects
RT regulations

PUBLIC RELATIONS

UF *nuclear contestation*
RT advertising
RT aesthetics
RT consumer protection
RT hazards
RT management
RT public information
RT public opinion
RT safety analysis
RT sociology

public service newbold island-1 reactor

ETDE: 2002-04-26
USE hope creek-1 reactor

public service newbold island-2 reactor

ETDE: 2002-04-26

USE hope creek-2 reactor

public transport

2004-08-26

SEE public enterprises

SEE transport

public transportation systems

INIS: 1992-09-09; ETDE: 1992-06-12

SEE mass transit systems

SEE public enterprises

PUBLIC UTILITIES

1976-01-28

A business organization performing some public service and subject to special government regulation.

SF utilities

NT1 electric utilities

NT1 gas utilities

NT1 water utilities

RT afudc

RT cwip

RT electric power

RT fuel adjustment mechanisms

RT fuel gas

RT integrated energy utility systems

RT marginal-cost pricing

RT modular integrated utility systems

RT natural gas

RT off-peak power

RT peak-load pricing

RT sellback

RT telephones

RT us public utility regulatory policies act

RT water supply

public utility regulatory policies act

INIS: 2000-04-12; ETDE: 1980-03-29

(Prior to February 1992 this was a valid ETDE descriptor.)

USE us public utility regulatory policies act

PUERTO RICO

*BT1 greater antilles

BT1 latin america

*BT1 usa

puerto rico bonus reactor

USE bonus reactor

puerto rico nuclear center l-77 reactor

1993-11-09

USE pmc-l-77 reactor

puerto rico pool type reactor

USE prpr reactor

PUGET SOUND

INIS: 1992-06-04; ETDE: 1976-04-19

*BT1 pacific ocean

RT washington

puget sound naval shipyard

INIS: 2000-04-12; ETDE: 1977-07-23

(Prior to February 1995, this was a valid ETDE descriptor.)

USE maintenance facilities

USE ships

pullman washington state university reactor

1993-11-09

USE wsur reactor

pulmonary cancer

Use LUNGS and/or BRONCHI, as appropriate, in coordination with the descriptors below.

USE carcinomas

pulmonary lavage

USE lavage

USE lungs

pulps

USE slurries

pulsar concept

INIS: 2000-04-12; ETDE: 1979-09-26

Pulsar is a system which produces pulsed power by magnetic flux compression with metallic or plasma armatures.

(Prior to February 1995, this was a valid ETDE descriptor.)

USE magnetic compression

USE pulse generators

PULSARS

BT1 cosmic radio sources

RT crab nebula

RT magnetic stars

RT neutron stars

RT starquakes

RT supernova remnants

PULSATING VARIABLE STARS

INIS: 1978-11-24; ETDE: 1978-12-20

*BT1 variable stars

NT1 cepheids

PULSATIONS

UF micropulsations

UF pearl pulsations

RT disturbances

RT oscillations

RT periodicity

RT pulses

RT variations

PULSATOR DEVICES

2000-04-12

*BT1 tokamak devices

pulsator stellarator

1994-08-22

(Until August 1994 this was a valid descriptor.)

USE stellarators

PULSE AMPLIFIERS

*BT1 amplifiers

RT cathode followers

RT pulse circuits

RT pulse techniques

PULSE ANALYZERS

UF analyzers (pulse)

UF kicksorters

*BT1 electronic equipment

NT1 multi-channel analyzers

RT pulse circuits

RT pulse discriminators

RT pulse techniques

RT spectrometers

PULSE CIRCUITS

BT1 electronic circuits

NT1 multivibrators

NT2 flip-flop circuits

NT1 pulse discriminators

NT1 signal conditioners

NT2 digitizers

NT3 cathode ray tube digitizers

NT3 flying spot digitizers

NT3 scanning measuring projectors

NT3 spiral reader digitizers

NT2 pulse shapers

NT1 trigger circuits

NT2 transistor trigger circuits

RT coincidence circuits

RT counting circuits

RT pulse amplifiers

RT pulse analyzers

RT pulse generators

RT pulse techniques

RT transistor oscillators

pulse columns

USE extraction columns

PULSE COMBUSTION

INIS: 1997-06-19; ETDE: 1980-08-12

*BT1 combustion

RT burners

RT combustion chambers

RT combustion control

RT pulse combustors

PULSE COMBUSTORS

INIS: 2000-04-12; ETDE: 1980-08-12

BT1 combustors

RT burners

RT combustion chambers

RT combustion control

RT pulse combustion

PULSE CONVERTERS

UF converters (pulse)

*BT1 electronic equipment

NT1 current-to-frequency converters

NT1 time-to-amplitude converters

NT1 time-to-digital converters

RT pulse techniques

PULSE DISCRIMINATORS

*BT1 discriminators

*BT1 pulse circuits

RT pulse analyzers

PULSE GENERATORS

UF generators (pulse)

UF pulsar concept

*BT1 function generators

NT1 high-voltage pulse generators

NT2 marx generators

RT blocking oscillators

RT frequency converters

RT multivibrators

RT plasma switches

RT pulse circuits

RT pulse shapers

RT pulse techniques

PULSE INTEGRATORS

UF integrators (pulse)

*BT1 electronic equipment

RT counting ratemeters

RT pulse techniques

PULSE PILEUP

RT time resolution

RT timing properties

PULSE RISE TIME

UF rise time

BT1 timing properties

RT peaks

RT pulses

RT time measurement

PULSE SHAPERS

UF clipping circuits

UF pulse stretchers

*BT1 signal conditioners

RT pulse generators

RT signal conditioning

pulse stretchers

USE pulse shapers

PULSE TECHNIQUES

RT counting circuits
 RT counting ratemeters
 RT counting techniques
 RT counting tubes
 RT delay circuits
 RT electronic equipment
 RT oscillators
 RT plasma switches
 RT pulse amplifiers
 RT pulse analyzers
 RT pulse circuits
 RT pulse converters
 RT pulse generators
 RT pulse integrators
 RT pulses
 RT radiation detection
 RT radiation detectors
 RT resonators
 RT scalars

pulsed beam deflectors

2000-04-12

USE beam pulsers

PULSED D-T REACTORS

*BT1 d-t reactors
 *BT1 pulsed fusion reactors
 NT1 reference theta pinch reactor

PULSED FUSION REACTORS

BT1 thermonuclear reactors
 NT1 pulsed d-t reactors
 NT2 reference theta pinch reactor
 RT direct drive laser implosion
 RT indirect drive laser implosion
 RT laser implosions

pulsed graphite reactor

INIS: 2003-11-26; ETDE: 2003-12-03

Kurchatov city, East Kazakhstan.

USE igr reactor

PULSED IRRADIATION

BT1 irradiation
 RT beam pulsers
 RT dose rates
 RT radiation dose rate ranges
 RT temporal dose distributions

PULSED MAGNET COILS

*BT1 magnet coils

PULSED MHD GENERATORS

INIS: 1993-04-27; ETDE: 1977-05-07

MHD generators driven by explosives, shock tubes, plasma jets, etc.

UF explosively-driven mhd generators

*BT1 mhd generators

PULSED NEUTRON TECHNIQUES

RT neutron beams
 RT neutron guides
 RT pulses

PULSED REACTORS

UF burst reactors
 BT1 reactors
 NT1 acpr reactor
 NT1 aprf reactor
 NT1 atpr reactor
 NT1 bigr reactor
 NT1 bir reactor
 NT1 fbrf reactor
 NT1 fir-1 reactor
 NT1 gidra reactor
 NT1 hector reactor
 NT1 hprr reactor
 NT1 ibr-2 reactor

NT1 ibr-30 reactor
 NT1 igr reactor
 NT1 kalpakkam pfr reactor
 NT1 nsrr reactor
 NT1 ostr reactor
 NT1 pbf reactor
 NT1 sora reactor
 NT1 spr-2 reactor
 NT1 spr-3 reactor
 NT1 spr-4 reactor
 NT1 super kukla reactor
 NT1 tibr reactor
 NT1 triga-1-california reactor
 NT1 triga-1-michigan reactor
 NT1 triga-2-bangladesh reactor
 NT1 triga-2-illinois reactor
 NT1 triga-2-kansas reactor
 NT1 triga-2-mainz reactor
 NT1 triga-2-pavia reactor
 NT1 triga-2-pitesti reactor
 NT1 triga-3-munich reactor
 NT1 triga-texas reactor
 NT1 ucbr reactor
 NT1 viper reactor
 NT1 wsur reactor
 NT1 xapr reactor
 RT reactivity insertions

PULSES

1999-07-01

Not for edible seeds of leguminous crops.

UF electric pulses
 UF impulse
 UF impulse (pulses)
 NT1 electromagnetic pulses
 NT2 internal electromagnetic pulses
 RT beam pulsers
 RT electrocardiograms
 RT pulsations
 RT pulse rise time
 RT pulse techniques
 RT pulsed neutron techniques
 RT signals
 RT surges

PULSTAR-BUFFALO REACTOR

State Univ. of New York, Buffalo, New York, USA.

UF buffalo pulstar reactor
 UF buspr reactor
 UF western new york nuclear research reactor

*BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 research reactors

PULSTAR-RALEIGH REACTOR

North Carolina State Univ., Raleigh, North Carolina, USA.

UF ncuspr reactor
 UF north carolina pulstar reactor
 UF raleigh pulstar reactor
 *BT1 pool type reactors
 *BT1 research reactors

pulverization

INIS: 1992-02-18; ETDE: 1978-04-27

USE comminution

pulverized fuel ash

INIS: 2000-04-12; ETDE: 1977-06-24

USE fly ash

PULVERIZED FUELS

INIS: 1999-07-09; ETDE: 1985-04-09

RT coal fines
 RT powders
 RT solid fuels

PULVERIZERS

INIS: 1992-04-03; ETDE: 1978-08-07

*BT1 machinery
 RT comminution
 RT crushing
 RT fuel feeding systems

pumice

2000-04-12

A light-colored, vesicular, glassy rock commonly having the composition of a rhyolite.

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE abrasives

SEE rhyolites

PUMP TURBINES

INIS: 1992-02-19; ETDE: 1980-01-24

Reversible hydraulic turbines.

UF reversible turbines
 UF turbine pumps
 *BT1 hydraulic turbines
 RT pumped storage
 RT pumped storage power plants

PUMPED LIMITERS

INIS: 1986-07-09; ETDE: 1985-10-25

BT1 limiters
 RT helium ash

PUMPED STORAGE

1982-12-07

*BT1 energy storage
 RT hydroelectric power plants
 RT off-peak energy storage
 RT pump turbines
 RT pumped storage power plants
 RT pumping

PUMPED STORAGE POWER**PLANTS**

INIS: 1992-10-01; ETDE: 1976-05-13

*BT1 hydroelectric power plants
 *BT1 peaking power plants
 RT hydroelectric power
 RT pump turbines
 RT pumped storage
 RT water reservoirs

pumpherston retort

INIS: 2000-04-12; ETDE: 1975-11-11

(Prior to January 1995, this was a valid ETDE descriptor.)

USE retorts

PUMPING

1999-08-26

SF laser pumping
 NT1 electrical pumping
 NT2 electron beam pumping
 NT1 nuclear pumping
 NT1 optical pumping
 RT circulating systems
 RT drawdown
 RT materials handling
 RT pumped storage
 RT pumps
 RT self-pumping systems

pumping (electrical)

INIS: 1995-04-10; ETDE: 2002-04-26

USE electrical pumping

pumping (laser)

INIS: 1975-11-07; ETDE: 2002-04-26

USE optical pumping

pumping (nuclear)

INIS: 1975-11-07; ETDE: 2002-04-26

USE nuclear pumping

PUMPS

UF hydraulic rams
 BT1 equipment
 NT1 centrifugal pumps
 NT1 electromagnetic pumps
 NT1 rod pumps
 NT1 vacuum pumps
 NT2 cryopumps
 NT2 sputter-ion pumps
 NT2 turbomolecular pumps
 NT1 water pumps
 NT2 solar water pumps
 NT1 wind-powered pumps
 RT automotive accessories
 RT bellows
 RT blowers
 RT circulating systems
 RT compressors
 RT heat pumps
 RT pumping
 RT reactor components
 RT reactor cooling systems
 RT self-pumping systems
 RT turbomachinery

punched cards

1994-08-22
 (Until August 1994 this was a valid descriptor.)
 USE memory devices

PUNCHED TAPES

RT memory devices

PUPAE

RT age groups
 RT insects
 RT life cycle
 RT metamorphosis

PUR-1 REACTOR

2005-01-19
 Purdue Univ., West Lafayette, Indiana, USA.
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 thermal reactors
 *BT1 training reactors

purasiv s process

INIS: 2000-04-12; ETDE: 1977-12-22
 Fixed-bed sulfur dioxide adsorption process using molecular sieve.
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE desulfurization

PURE STATES

2011-01-25
 Quantum states represented by single vectors in Hilbert space.
 BT1 quantum states
 RT eigenstates

PUREX PROCESS

1996-07-08
 (Prior to 1996 HALEX PROCESS and SALTEX PROCESS were valid ETDE descriptors.)
 UF hallex process
 UF saltex process
 *BT1 reprocessing
 RT solvent extraction

PURIFICATION

NT1 hot gas cleanup
 RT cleaning
 RT coolant cleanup systems
 RT crystallization
 RT deashing
 RT decontamination
 RT enrichment

RT impurities
 RT refining
 RT scrubbing
 RT separation processes

PURINES

*BT1 azaarenes
 NT1 adenines
 NT2 kinetin
 NT1 guanine
 NT1 guanosine
 NT1 hypoxanthine
 NT1 inosine
 NT1 mercaptopurine
 NT1 xanthines
 NT2 caffeine
 NT2 theobromine
 NT2 theophylline
 NT2 uric acid
 RT nucleosides

PURISOL PROCESS

2000-04-12
 Process for removal of acid gases from syngas and natural gas streams using physical absorption in *n*-methylpyrrolidone (nmp).
 *BT1 desulfurization

purity

USE impurities

purnima-1 reactor

INIS: 1981-11-27; ETDE: 1982-01-07
 USE purnima reactor

PURNIMA-2 REACTOR

INIS: 1981-10-15; ETDE: 1981-11-10
 Decommissioned since 1986..
 *BT1 fast reactors
 *BT1 zero power reactors

PURNIMA-3 REACTOR

INIS: 1993-03-11; ETDE: 1993-04-16
 Bhabha Atomic Research Center, Bombay, India. Decommissioned since 1991.
 *BT1 research and test reactors
 *BT1 tank type reactors
 *BT1 thermal reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors

PURNIMA REACTOR

Decommissioned since 1983.
 UF purnima-1 reactor
 *BT1 fast reactors
 *BT1 zero power reactors

PUROMYCIN

*BT1 antibiotics
 *BT1 antineoplastic drugs

PUROX PYROLYSIS PROCESS

INIS: 2000-04-12; ETDE: 1975-11-26
 Union carbide process for pyrolysis of solid wastes using pure oxygen to supply high temperature zone for production of low btu gas that can be upgraded to high btu gas.
 UF union carbide waste processing system
 *BT1 waste processing
 RT pyrolysis
 RT solid wastes
 RT waste processing plants

purpa

INIS: 2000-04-12; ETDE: 1980-03-29
 USE us public utility regulatory policies act

PURPURA

*BT1 hemic diseases

purpuric acid

1996-07-18
 Also known as murexide.
 USE dyes
 USE organic oxygen compounds
 USE pyrimidines

pusan kori-1 reactor

USE kori-1 reactor

pusan kori-2 reactor

INIS: 1986-09-26; ETDE: 1977-04-14
 USE kori-2 reactor

pusan kori-3 reactor

INIS: 1997-01-28; ETDE: 2002-04-26
 USE kori-3 reactor

pusan kori-4 reactor

INIS: 1997-01-28; ETDE: 2002-04-26
 USE kori-4 reactor

PUSPATI

1984-12-04
 UF tun ismail atomic research center
 UF unit tenaga nuklear (malaysia)
 *BT1 malaysian organizations

puspati triga reactor

1984-12-04
 USE rtp reactor

PUTRESCINE

UF 1,4-diaminobutane
 UF tetramethylenediamine
 *BT1 amines

PVA

UF polyvinyl alcohol
 *BT1 alcohols
 *BT1 polyvinyls

PVC

UF polyvinyl chloride
 *BT1 chlorinated aliphatic hydrocarbons
 *BT1 polyvinyls

pvd

INIS: 2000-04-12; ETDE: 1989-10-11
 USE physical vapor deposition

PVP

UF polyvinylpyrrolidone
 *BT1 blood substitutes
 *BT1 polyvinyls
 *BT1 pyrrolidones

pwba

USE born approximation

pwr/241 type reactors

2000-04-12
 (Prior to 1975, PWR/241 TYPE REACTORS was used.)
 USE bw standard reactor

pwr/41 type reactors

2000-04-12
 USE westinghouse standard reactor

pwr/80 type reactors

2000-04-12
 USE ce standard reactor

PWR TYPE REACTORS

1997-10-03
 UF pressurized water cooled moderated reactor
 UF pressurized water reactors
 SF enrico fermi reactor
 *BT1 enriched uranium reactors
 *BT1 power reactors
 *BT1 thermal reactors

*BT1 water cooled reactors
 *BT1 water moderated reactors
 NT1 aguirre reactor
 NT1 almaraz-1 reactor
 NT1 almaraz-2 reactor
 NT1 angra-1 reactor
 NT1 angra-2 reactor
 NT1 angra-3 reactor
 NT1 arkansas-1 reactor
 NT1 arkansas-2 reactor
 NT1 asco-1 reactor
 NT1 asco-2 reactor
 NT1 atlantic-1 reactor
 NT1 atlantic-2 reactor
 NT1 basf-1 reactor
 NT1 basf-2 reactor
 NT1 beaver valley-1 reactor
 NT1 beaver valley-2 reactor
 NT1 bellefonte-1 reactor
 NT1 bellefonte-2 reactor
 NT1 belleville-1 reactor
 NT1 belleville-2 reactor
 NT1 beznau-1 reactor
 NT1 beznau-2 reactor
 NT1 biblis-1 reactor
 NT1 biblis-2 reactor
 NT1 biblis-3 reactor
 NT1 biblis-4 reactor
 NT1 blayais-1 reactor
 NT1 blayais-2 reactor
 NT1 blayais-3 reactor
 NT1 blayais-4 reactor
 NT1 blue hills-1 reactor
 NT1 blue hills-2 reactor
 NT1 borssele reactor
 NT1 br-3 reactor
 NT1 braidwood-1 reactor
 NT1 braidwood-2 reactor
 NT1 brokdorf reactor
 NT1 bugey-2 reactor
 NT1 bugey-3 reactor
 NT1 bugey-4 reactor
 NT1 bugey-5 reactor
 NT1 bw standard reactor
 NT1 byron-1 reactor
 NT1 byron-2 reactor
 NT1 calhoun-1 reactor
 NT1 calhoun-2 reactor
 NT1 callaway-1 reactor
 NT1 callaway-2 reactor
 NT1 calvert cliffs-1 reactor
 NT1 calvert cliffs-2 reactor
 NT1 carem 25 reactor
 NT1 catawba-1 reactor
 NT1 catawba-2 reactor
 NT1 cattenom-1 reactor
 NT1 cattenom-2 reactor
 NT1 cattenom-3 reactor
 NT1 cattenom-4 reactor
 NT1 ce standard reactor
 NT1 changjiang-1 reactor
 NT1 changjiang-2 reactor
 NT1 chasnupp-1 reactor
 NT1 chasnupp-2 reactor
 NT1 chasnupp-3 reactor
 NT1 cherokee-1 reactor
 NT1 cherokee-2 reactor
 NT1 cherokee-3 reactor
 NT1 chinon-b1 reactor
 NT1 chinon-b2 reactor
 NT1 chinon-b3 reactor
 NT1 chinon-b4 reactor
 NT1 chooz-a reactor
 NT1 chooz-b1 reactor
 NT1 chooz-b2 reactor
 NT1 civaux-1 reactor
 NT1 civaux-2 reactor
 NT1 comanche peak-1 reactor
 NT1 comanche peak-2 reactor

NT1 connecticut yankee reactor
 NT1 cook-1 reactor
 NT1 cook-2 reactor
 NT1 cruas-1 reactor
 NT1 cruas-2 reactor
 NT1 cruas-3 reactor
 NT1 cruas-4 reactor
 NT1 crystal river-3 reactor
 NT1 crystal river-4 reactor
 NT1 dampierre-1 reactor
 NT1 dampierre-2 reactor
 NT1 dampierre-3 reactor
 NT1 dampierre-4 reactor
 NT1 davis besse-1 reactor
 NT1 davis besse-2 reactor
 NT1 davis besse-3 reactor
 NT1 daya bay-1 reactor
 NT1 daya bay-2 reactor
 NT1 diablo canyon-1 reactor
 NT1 diablo canyon-2 reactor
 NT1 doel-1 reactor
 NT1 doel-2 reactor
 NT1 doel-3 reactor
 NT1 doel-4 reactor
 NT1 efd-50 reactor
 NT1 emsland reactor
 NT1 erie-1 reactor
 NT1 erie-2 reactor
 NT1 fangchenggang-1 reactor
 NT1 fangchenggang-2 reactor
 NT1 fangjiashan-1 reactor
 NT1 fangjiashan-2 reactor
 NT1 farley-1 reactor
 NT1 farley-2 reactor
 NT1 fessenheim-1 reactor
 NT1 fessenheim-2 reactor
 NT1 flamanville-1 reactor
 NT1 flamanville-2 reactor
 NT1 flamanville-3 reactor
 NT1 forked river-1 reactor
 NT1 fuqing-1 reactor
 NT1 fuqing-2 reactor
 NT1 fuqing-3 reactor
 NT1 fuqing-4 reactor
 NT1 fuqing-5 reactor
 NT1 fuqing-6 reactor
 NT1 genkai-1 reactor
 NT1 genkai-2 reactor
 NT1 genkai-3 reactor
 NT1 genkai-4 reactor
 NT1 ginna-1 reactor
 NT1 goesgen reactor
 NT1 golfech-1 reactor
 NT1 golfech-2 reactor
 NT1 grafenrheinfeld reactor
 NT1 gravelines-1 reactor
 NT1 gravelines-2 reactor
 NT1 gravelines-3 reactor
 NT1 gravelines-4 reactor
 NT1 gravelines-5 reactor
 NT1 gravelines-6 reactor
 NT1 greene county reactor
 NT1 greenwood-2 reactor
 NT1 greenwood-3 reactor
 NT1 grohnde reactor
 NT1 hamm-uentrop reactor
 NT1 hanbit-1 reactor
 NT1 hanbit-2 reactor
 NT1 hanbit-3 reactor
 NT1 hanbit-4 reactor
 NT1 hanbit-5 reactor
 NT1 hanbit-6 reactor
 NT1 harris-1 reactor
 NT1 harris-2 reactor
 NT1 harris-3 reactor
 NT1 harris-4 reactor
 NT1 haven-1 reactor
 NT2 koshkonong-1 reactor
 NT1 haven-2 reactor

NT2 koshkonong-2 reactor
 NT1 hongyanhe-1 reactor
 NT1 hongyanhe-2 reactor
 NT1 hongyanhe-3 reactor
 NT1 hongyanhe-4 reactor
 NT1 ikata-2 reactor
 NT1 ikata-3 reactor
 NT1 ikata reactor
 NT1 indian point-1 reactor
 NT1 indian point-2 reactor
 NT1 indian point-3 reactor
 NT1 iran-1 reactor
 NT1 iran-2 reactor
 NT1 isar-2 reactor
 NT1 jamesport-1 reactor
 NT1 jamesport-2 reactor
 NT1 kewaunee reactor
 NT1 klt-40 reactors
 NT1 klt-40m reactors
 NT1 klt-40s reactor
 NT1 koeberg-1 reactor
 NT1 koeberg-2 reactor
 NT1 kori-1 reactor
 NT1 kori-2 reactor
 NT1 kori-3 reactor
 NT1 kori-4 reactor
 NT1 krsko reactor
 NT1 lemoniz-1 reactor
 NT1 lemoniz-2 reactor
 NT1 lenin reactor
 NT1 leonid brezhnev reactor
 NT1 lingao-1 reactor
 NT1 lingao-2 reactor
 NT1 lingao-3 reactor
 NT1 lingao-4 reactor
 NT1 loft reactor
 NT1 lucie-1 reactor
 NT1 lucie-2 reactor
 NT1 maanshan-1 reactor
 NT1 maanshan-2 reactor
 NT1 maine yankee reactor
 NT1 malibu-1 reactor
 NT1 marble hill-1 reactor
 NT1 marble hill-2 reactor
 NT1 mc guire-1 reactor
 NT1 mc guire-2 reactor
 NT1 mh-1a reactor
 NT1 midland-1 reactor
 NT1 midland-2 reactor
 NT1 mihama-1 reactor
 NT1 mihama-2 reactor
 NT1 mihama-3 reactor
 NT1 millstone-2 reactor
 NT1 millstone-3 reactor
 NT1 muelheim-kaerlich reactor
 NT1 mutsu reactor
 NT1 neckar-1 reactor
 NT1 neckar-2 reactor
 NT1 nep-1 reactor
 NT1 nep-2 reactor
 NT1 neupotz-1 reactor
 NT1 neupotz-2 reactor
 NT1 ningde-1 reactor
 NT1 ningde-2 reactor
 NT1 ningde-3 reactor
 NT1 ningde-4 reactor
 NT1 nogent-1 reactor
 NT1 nogent-2 reactor
 NT1 north anna-1 reactor
 NT1 north anna-2 reactor
 NT1 north anna-3 reactor
 NT1 north anna-4 reactor
 NT1 north coast-1 reactor
 NT1 obrigheim reactor
 NT1 oconee-1 reactor
 NT1 oconee-2 reactor
 NT1 oconee-3 reactor
 NT1 oi-1 reactor
 NT1 oi-2 reactor

NT1 oi-3 reactor
 NT1 oi-4 reactor
 NT1 ok-900a reactors
 NT1 oktemberyan-2 reactor
 NT1 olkiluoto-3 reactor
 NT1 otto hahn reactor
 NT1 palisades-1 reactor
 NT1 palo verde-1 reactor
 NT1 palo verde-2 reactor
 NT1 palo verde-3 reactor
 NT1 palo verde-4 reactor
 NT1 palo verde-5 reactor
 NT1 paluel-1 reactor
 NT1 paluel-2 reactor
 NT1 paluel-3 reactor
 NT1 paluel-4 reactor
 NT1 pat reactor
 NT1 pebble springs-1 reactor
 NT1 pebble springs-2 reactor
 NT1 penly-1 reactor
 NT1 penly-2 reactor
 NT1 penly-3 reactor
 NT1 perkins-1 reactor
 NT1 perkins-2 reactor
 NT1 perkins-3 reactor
 NT1 philippsburg-2 reactor
 NT1 pilgrim-2 reactor
 NT1 pilgrim-3 reactor
 NT1 pm-2a reactor
 NT1 pm-3a reactor
 NT1 pnp-1 reactor
 NT1 point beach-1 reactor
 NT1 point beach-2 reactor
 NT1 prairie island-1 reactor
 NT1 prairie island-2 reactor
 NT1 qinshan-1 reactor
 NT1 qinshan-2-1 reactor
 NT1 qinshan-2-2 reactor
 NT1 qinshan-2-3 reactor
 NT1 qinshan-2-4 reactor
 NT1 quanticassee-1 reactor
 NT1 quanticassee-2 reactor
 NT1 rancho seco-1 reactor
 NT1 remerschen reactor
 NT1 rheinsberg akw1 reactor
 NT1 ringhals-2 reactor
 NT1 ringhals-3 reactor
 NT1 ringhals-4 reactor
 NT1 robinson-2 reactor
 NT1 rooppur reactor
 NT1 rowe yankee reactor
 NT1 s1c prototype reactor
 NT1 saint alban-1 reactor
 NT1 saint alban-2 reactor
 NT1 saint laurent-b1 reactor
 NT1 saint laurent-b2 reactor
 NT1 salem-1 reactor
 NT1 salem-2 reactor
 NT1 san onofre-1 reactor
 NT1 san onofre-2 reactor
 NT1 san onofre-3 reactor
 NT1 savannah reactor
 NT1 saxton reactor
 NT1 seabrook-1 reactor
 NT1 seabrook-2 reactor
 NT1 selni reactor
 NT1 sendai-1 reactor
 NT1 sendai-2 reactor
 NT1 sequoyah-1 reactor
 NT1 sequoyah-2 reactor
 NT1 shin-kori-1 reactor
 NT1 shin-kori-2 reactor
 NT1 shin-kori-3 reactor
 NT1 shin-wolsong-1 reactor
 NT1 shippingport reactor
 NT1 sizewell-b reactor
 NT1 sm-1 reactor
 NT1 sm-1a reactor
 NT1 south texas project-1 reactor

NT1 south texas project-2 reactor
 NT1 stade reactor
 NT1 sterling-1 reactor
 NT1 sterling-2 reactor
 NT1 summer-1 reactor
 NT1 sundesert-1 reactor
 NT1 sundesert-2 reactor
 NT1 surry-1 reactor
 NT1 surry-2 reactor
 NT1 surry-3 reactor
 NT1 surry-4 reactor
 NT1 takahama-1 reactor
 NT1 takahama-2 reactor
 NT1 takahama-3 reactor
 NT1 takahama-4 reactor
 NT1 three mile island-1 reactor
 NT1 three mile island-2 reactor
 NT1 tihange-2 reactor
 NT1 tihange-3 reactor
 NT1 tihange reactor
 NT1 tomari-1 reactor
 NT1 tomari-2 reactor
 NT1 tomari-3 reactor
 NT1 tricastin-1 reactor
 NT1 tricastin-2 reactor
 NT1 tricastin-3 reactor
 NT1 tricastin-4 reactor
 NT1 trillo-1 reactor
 NT1 trojan reactor
 NT1 tsuruga-2 reactor
 NT1 turkey point-3 reactor
 NT1 turkey point-4 reactor
 NT1 tva-1 reactor
 NT1 tva-2 reactor
 NT1 tyronne-1 reactor
 NT1 tyronne-2 reactor
 NT1 ulchin-1 reactor
 NT1 ulchin-2 reactor
 NT1 ulchin-3 reactor
 NT1 ulchin-4 reactor
 NT1 ulchin-5 reactor
 NT1 ulchin-6 reactor
 NT1 unterweser reactor
 NT1 vahnun-1 reactor
 NT1 vahnun-2 reactor
 NT1 vandello-2 reactor
 NT1 vogtle-1 reactor
 NT1 vogtle-2 reactor
 NT1 vogtle-3 reactor
 NT1 vogtle-4 reactor
 NT1 waterford-3 reactor
 NT1 waterford-4 reactor
 NT1 watts bar-1 reactor
 NT1 watts bar-2 reactor
 NT1 westinghouse standard reactor
 NT1 wnp-1 reactor
 NT1 wnp-3 reactor
 NT1 wnp-4 reactor
 NT1 wnp-5 reactor
 NT1 wolf creek-1 reactor
 NT1 wup-3 reactor
 NT1 wup-4 reactor
 NT1 wup-5 reactor
 NT1 wup-6 reactor
 NT1 wwcr type reactors
 NT2 armenian-1 reactor
 NT2 armenian-2 reactor
 NT2 balakovo-1 reactor
 NT2 balakovo-2 reactor
 NT2 balakovo-3 reactor
 NT2 balakovo-4 reactor
 NT2 blagovest-1 reactor
 NT2 bohunice v-1 reactor
 NT2 bohunice v-2 reactor
 NT2 dukovany-1 reactor
 NT2 dukovany-2 reactor
 NT2 dukovany-3 reactor
 NT2 dukovany-4 reactor
 NT2 greifswald-1 reactor

NT2 greifswald-2 reactor
 NT2 greifswald-3 reactor
 NT2 greifswald-4 reactor
 NT2 greifswald-5 reactor
 NT2 greifswald-6 reactor
 NT2 juragua-1 reactor
 NT2 kalinin-1 reactor
 NT2 kalinin-2 reactor
 NT2 kalinin-3 reactor
 NT2 kalinin-4 reactor
 NT2 kecerovce-1 reactor
 NT2 khmel'nitskij-1 reactor
 NT2 khmel'nitskij-2 reactor
 NT2 kola-1 reactor
 NT2 kola-2 reactor
 NT2 kola-3 reactor
 NT2 kola-4 reactor
 NT2 kozloduy-1 reactor
 NT2 kozloduy-2 reactor
 NT2 kozloduy-3 reactor
 NT2 kozloduy-4 reactor
 NT2 kozloduy-5 reactor
 NT2 kozloduy-6 reactor
 NT2 kudankulam-1 reactor
 NT2 kudankulam-2 reactor
 NT2 loviisa-1 reactor
 NT2 loviisa-2 reactor
 NT2 mochovec-1 reactor
 NT2 mochovec-2 reactor
 NT2 novovoronezh-1 reactor
 NT2 novovoronezh-2 reactor
 NT2 novovoronezh-3 reactor
 NT2 novovoronezh-4 reactor
 NT2 novovoronezh-5 reactor
 NT2 paks-1 reactor
 NT2 paks-2 reactor
 NT2 paks-3 reactor
 NT2 paks-4 reactor
 NT2 rostov-1 reactor
 NT2 rostov-2 reactor
 NT2 rostov-3 reactor
 NT2 rovno-1 reactor
 NT2 rovno-2 reactor
 NT2 rovno-3 reactor
 NT2 rovno-4 reactor
 NT2 rovno-5 reactor
 NT2 south ukrainian-1 reactor
 NT2 south ukrainian-2 reactor
 NT2 south ukrainian-3 reactor
 NT2 stendal-1 reactor
 NT2 tatarian reactor
 NT2 temelin-1 reactor
 NT2 temelin-2 reactor
 NT2 tianwan-1 reactor
 NT2 tianwan-2 reactor
 NT2 zaporozhe-1 reactor
 NT2 zaporozhe-2 reactor
 NT2 zaporozhe-3 reactor
 NT2 zaporozhe-4 reactor
 NT2 zaporozhe-5 reactor
 NT2 zaporozhe-6 reactor
 NT1 wyhl-1 reactor
 NT1 wyhl-2 reactor
 NT1 yangjiang-1 reactor
 NT1 yangjiang-2 reactor
 NT1 yangjiang-3 reactor
 NT1 yangjiang-4 reactor
 NT1 yellow creek-1 reactor
 NT1 yellow creek-2 reactor
 NT1 zion-1 reactor
 NT1 zion-2 reactor
 NT1 zorita-1 reactor

PYCNOMETERS

*BT1 densimeters

PYRANOMETERS

2000-04-12

BT1 measuring instruments

*BT1 solar equipment

RT photometers
RT radiometers
RT solar radiation

PYRANS

1996-06-28

Compounds that contain a six-membered heterocyclic ring containing one oxygen atom.

*BT1 heterocyclic oxygen compounds
NT1 coumarin
NT1 hematoxylin
NT1 pyrones
NT1 quercetin
NT1 tetrahydropyran

PYRAZINES

1996-10-23

Compounds that contain a six-membered heterocyclic ring containing nitrogen atoms in the 1 and 4 positions.

UF 1,4-diazines
UF neutral red
UF toluylene red
*BT1 azines
NT1 phenazine
NT1 piperazines
RT pteridines

PYRAZOLES

Compounds that contain a five-membered heterocyclic ring containing nitrogen atoms in the 1 and 2 positions.

*BT1 azoles
NT1 indazoles
NT1 pyrazolines
NT2 antipyrine

PYRAZOLINES

UF aminopyrine
UF dam
UF diantipyrylmethane
*BT1 pyrazoles
NT1 antipyrine

PYRENE

*BT1 polycyclic aromatic hydrocarbons

PYREX

*BT1 borosilicate glass

PYRHELIOMETERS

2000-04-12

BT1 measuring instruments
*BT1 solar equipment
BT1 telescopes
RT solar flux

PYRIDAZINES

Compounds that contain a six-membered heterocyclic ring containing nitrogen atoms in the 1 and 2 positions.

*BT1 azines
NT1 phthalazines
NT2 luminol

PYRIDINE

INIS: 1992-09-18; ETDE: 1992-10-13

(Prior to April 1992 this was a valid ETDE descriptor. From April to October 1992 PYRIDINES was used for this concept in ETDE.)

*BT1 pyridines

pyridineazohydroxynaphthalene

USE pyridylazonaphthol

PYRIDINES

1996-07-18

Compounds that contain a six-membered heterocyclic ring containing one nitrogen atom.

UF diodrast
UF iodopyracet

*BT1 azines
NT1 acridines
NT2 acridine orange
NT2 flavines
NT3 acriflavine
NT3 proflavine
NT1 bipyridines
NT1 nicotinamide
NT1 nicotine
NT1 nicotinic acid
NT1 picolines
NT2 picolinic acid
NT1 piperidines
NT2 dipyridamole
NT2 pethidine
NT2 triacetoneamine-n-oxyl
NT1 pyridine
NT1 pyridinium compounds
NT1 pyridoxal
NT1 pyridoxine
NT1 pyridoxylideneglutamate
NT1 pyridylazonaphthol
NT1 pyridylazoresorcinol
NT1 quinolines
NT2 ferron
NT2 oxine
NT2 quinaldine
RT isoniazid
RT nad

PYRIDINIUM COMPOUNDS

*BT1 pyridines
*BT1 quaternary ammonium compounds

PYRIDOXAL

*BT1 aldehydes
*BT1 organic oxygen compounds
*BT1 pyridines
RT coenzymes
RT picolines
RT vitamin b group

PYRIDOXINE

UF vitamin b-6
*BT1 hydroxy compounds
*BT1 pyridines
*BT1 vitamin b group

PYRIDOXYLIDENEGlutamate

INIS: 1977-11-21; ETDE: 1978-03-08

*BT1 glutamic acid
*BT1 pyridines

PYRIDYL RADICALS

BT1 radicals

PYRIDYLAZONAPHTHOL

ETDE: 2005-02-01

(Prior to January 2005 PAN was used for this concept.)

UF pan (pyridylazonaphthol)
UF pyridineazohydroxynaphthalene
*BT1 diazo compounds
*BT1 naphthols
*BT1 pyridines

PYRIDYLAZORESORCINOL

*BT1 diazo compounds
*BT1 polyphenols
*BT1 pyridines
BT1 reagents

PYRIMIDINE DIMERS

INIS: 1986-03-04; ETDE: 1984-06-29

The product of the chemical fusion of two neighboring pyrimidine nucleotides which results from radiation exposure of the cell.

BT1 dimers
RT dna repair
RT mutations
RT pyrimidines
RT strand breaks

PYRIMIDINES

1996-10-23

Compounds that contain a six-membered heterocyclic ring containing nitrogen atoms in the 1 and 3 positions.

UF 1,3-diazines
UF murexide
UF purpuric acid
UF sulfadiazine
*BT1 azines
NT1 alloxan
NT1 barbiturates
NT2 nembutal
NT2 phenobarbital
NT1 cytidine
NT1 cytosine
NT1 deoxycytidine
NT1 thiamine
NT1 thymidine
NT2 fluorothymidine
NT1 uracils
NT2 bromouracils
NT3 budr
NT2 chlorouracils
NT2 deoxyuridine
NT2 fluorouracils
NT3 fudr
NT2 iodouracils
NT3 iododeoxyuridine
NT2 orotic acid
NT2 thiouracil
NT2 thymine
NT2 uridine
RT nucleosides
RT pteridines
RT pyrimidine dimers

PYRITE

1978-07-03

UF pyrites
*BT1 sulfide minerals
RT iron ores
RT iron sulfides
RT ledgemont process
RT marcasite

pyrites

INIS: 2000-04-12; ETDE: 1976-04-19

(Prior to May 1982 this was a valid ETDE descriptor.)

USE pyrite

pyrocarbon

2000-04-12

USE pyrolytic carbon

pyrocatechin

USE pyrocatechol

PYROCATECHOL

UF 1,2-dihydroxybenzene
UF catechol
UF dihydroxybenzene-ortho
UF pyrocatechin
BT1 developers
*BT1 polyphenols
RT catecholamines
RT dopamine
RT pyrocatechol violet

PYROCATECHOL VIOLET

BT1 dyes
BT1 indicators
RT pyrocatechol

PYROCHEMICAL REPROCESSING

INIS: 1980-07-24; ETDE: 1979-12-10

Processes that are carried out at elevated temperatures to effect the chemical reactions and transformations required to purify and recover spent reactor fuels. Molten metals or

salts rather than aqueous or organic liquids are used to effect the purification.

- UF melt refining process
- UF salt transport process
- UF zinc distillation process
- *BT1 reprocessing

PYROCHLORE

INIS: 1998-10-23; ETDE: 1982-02-11

- UF pyrrhite
- BT1 minerals

PYROELECTRIC DETECTORS

INIS: 1978-11-24; ETDE: 1979-05-25

- *BT1 radiation detectors

PYROELECTRIC EFFECT

2000-04-12

Electric polarity produced in certain crystals by a change in temperature.

- RT electric charges
- RT electric potential

pyroelectricity

INIS: 1984-04-04; ETDE: 2002-04-26

Property of certain crystals to produce a state of electrical polarity by a change of temperature.

- USE electric charges
- USE polarization
- USE temperature dependence

pyrogallic acid

- USE pyrogallol

PYROGALLOL

- UF 1,2,3-trihydroxybenzene
- UF pyrogallic acid
- BT1 developers
- *BT1 polyphenols

PYROGENS

- RT fever
- RT peptides
- RT polysaccharides

PYROLYSIS

1998-01-28

- UF thermal decomposition
- *BT1 decomposition
- BT1 thermochemical processes
- NT1 calcination
- NT1 cracking
 - NT2 catalytic cracking
 - NT2 hydrocracking
 - NT2 thermal cracking
- NT1 flash hydropyrolysis process
- RT destructive distillation
- RT dissociation
- RT landgard pyrolysis system
- RT occidental flash pyrolysis process
- RT purox pyrolysis process
- RT pyrolysis products
- RT retorting
- RT rope process
- RT slagging pyrolysis process
- RT syngas process
- RT thermal degradation

PYROLYSIS PRODUCTS

INIS: 1983-02-03; ETDE: 1979-07-24

Products from the pyrolysis or thermochemical reactions of carbonaceous materials.

- NT1 chars
- NT1 coal gas
- NT1 pyrolytic gases
- NT1 pyrolytic oils
- RT by-products
- RT combustion products
- RT pyrolysis
- RT synthetic fuels

- RT volatile matter

- RT wastes

PYROLYTIC CARBON

- UF pyrocarbon
- *BT1 carbon

PYROLYTIC GASES

INIS: 1992-07-17; ETDE: 1979-07-24

Gaseous products from pyrolysis or thermochemical reactions of carbonaceous materials.

- *BT1 gases
- BT1 pyrolysis products
- RT chemical feedstocks
- RT pyrolytic oils
- RT synthetic fuels
- RT volatile matter

PYROLYTIC OILS

INIS: 1992-07-17; ETDE: 1978-10-23

Oils produced from organic materials by pyrolysis or thermochemical reactions.

- *BT1 oils
- BT1 pyrolysis products
- *BT1 synthetic fuels
- RT coal liquids
- RT pyrolytic gases
- RT shale oil
- RT volatile matter

PYROMETALLURGY

- *BT1 extractive metallurgy
- NT1 chloride volatility process
- NT1 fluoride volatility process
- RT calcination
- RT reduction
- RT roasting
- RT smelters
- RT smelting

PYROMETERS

Instruments that measure high temperature, e.g. of molten lavas, by electrical or optical means.

- BT1 measuring instruments
- NT1 optical pyrometers
- RT temperature measurement

PYRONES

INIS: 2000-04-12; ETDE: 1979-10-23

Oxopyran.

- UF chromone
- *BT1 pyrans

PYROPHOSPHATES

- BT1 oxygen compounds
- BT1 phosphorus compounds

PYROPHYLLITE

2000-04-12

A white, greenish, gray, or brown mineral.

- *BT1 silicate minerals
- RT aluminium silicates

PYROSOL PROCESS

INIS: 2000-04-12; ETDE: 1985-09-24

A two-step coal hydrogenation process, including partial hydrogenation at 455 to 465 degrees C and a pressure of 200 bar and coking of the hydrogenation residue in the presence of hydrogen at about 500 degrees C.

- *BT1 coal liquefaction

pyrotechnic devices

2000-04-12

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE chemical explosives

pyrotek process

INIS: 2000-04-12; ETDE: 1977-04-12

Shredded refuse is heated on a vibrating conveyor in less than stoichiometric air to produce low btu gas in this process developed by Foster Wheeler Corp.

- USE low btu gas
- USE waste processing

pyroxenes

1976-05-07

A group of dark, rock-forming silicate minerals.

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE silicate minerals

pyroxylin

- USE nitrocellulose

pyrrhite

INIS: 1998-10-23; ETDE: 1984-02-10

- USE pyrochlore

PYRRHOTITE

ETDE: 1976-03-31

- *BT1 sulfide minerals
- NT1 troilite
- RT iron sulfides

pyrrolase (tryptophan)

1996-11-13

(Prior to March 1997 TRYPTOPHAN OXYGENASE was used for this concept in ETDE.)

- USE oxygenases

PYRROLES

1996-10-22

Compounds that contain a five-membered heterocyclic ring containing one nitrogen atom.

- UF biliverdin
- UF urobilinogen
- *BT1 azoles
- NT1 bilirubin
- NT1 indoles
 - NT2 indigo
 - NT2 indocyanine green
 - NT2 lysergic acid
 - NT2 reserpine
 - NT2 strychnine
 - NT2 tryptamines
 - NT3 melatonin
 - NT3 serotonin
 - NT4 bufotenine
- NT2 tryptophan
- NT2 vinblastine
- NT1 pyrrolidines
- NT2 hydroxyproline
- NT2 nicotine
- NT2 proline
- NT1 pyrrolidones
- NT2 pvp
- RT carbazoles

PYRROLIDINES

- UF tetrahydropyrroles
- *BT1 amines
- *BT1 pyrroles
- NT1 hydroxyproline
- NT1 nicotine
- NT1 proline

pyrrolidinones

1996-04-29

- USE pyrrolidones

PYRROLIDONES

- UF butyrolactam
- UF pyrrolidinones

*BT1 lactams
 *BT1 pyrroles
 NT1 pvp

PYRUVIC ACID

UF ketopropionic acid-alpha
 *BT1 keto acids

PYTHON

2019-01-17
 BT1 programming languages

PZT

INIS: 1986-09-26; ETDE: 1982-12-23
 Lead zirconate titanate.
 UF lead zirconate titanate
 BT1 lead compounds
 *BT1 titanates
 *BT1 zirconates
 RT ceramics

q centers

INIS: 1996-07-23; ETDE: 1977-11-10
 (Until July 1996 this was a valid descriptor.)
 USE color centers

Q CODES

BT1 computer codes

Q DEVICES

*BT1 open plasma devices
 NT1 helios devices
 NT1 qp devices
 RT magnetic mirrors

q enhancement

2000-04-12
 SEE k1-1270 mesons
 SEE k1-1400 mesons

q resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 SEE k1-1270 mesons
 SEE k1-1400 mesons

Q-SHIFT

INIS: 1976-03-25; ETDE: 1976-08-26
 RT betatron oscillations
 RT particle beams

Q-SWITCHING

RT lasers
 RT switches

Q-VALUE

BT1 energy
 RT nuclear reaction kinetics

QATAR

INIS: 1991-11-06; ETDE: 1976-10-13
 BT1 arab countries
 BT1 asia
 BT1 developing countries
 BT1 middle east
 RT oapec
 RT opec

qbits

2005-09-30
 USE qubits

qcd

INIS: 2000-04-12; ETDE: 1995-01-09
 USE quantum chromodynamics

qf (radiation)

USE quality factor

QINSHAN-1 REACTOR

1997-04-29
 Near Shanghai, China.
 (Until April 1997 this descriptor was spelled QINSHAN REACTOR.)
 UF qinshan reactor
 *BT1 pwr type reactors

QINSHAN-2-1 REACTOR

2003-01-22
 Near Shanghai, China.
 (Prior to January 2003 QINSHAN-2 REACTOR was used.)
 UF qinshan-2 reactor
 *BT1 pwr type reactors

QINSHAN-2-2 REACTOR

2003-01-22
 Near Shanghai, China.
 *BT1 pwr type reactors

QINSHAN-2-3 REACTOR

2016-11-15
 near Shanghai, China
 *BT1 pwr type reactors

QINSHAN-2-4 REACTOR

2016-11-15
 near Shanghai, China
 *BT1 pwr type reactors

qinshan-2 reactor

1997-04-29
 Near Shanghai, China.
 (Prior to January 2003 this was a valid descriptor.)
 USE qinshan-2-1 reactor

QINSHAN-3-1 REACTOR

2003-01-22
 Near Shanghai, China.
 (Prior to January 2003 QINSHAN-3 REACTOR was used.)
 UF qinshan-3 reactor
 *BT1 candu type reactors
 *BT1 phwr type reactors

QINSHAN-3-2 REACTOR

2003-01-22
 Near Shanghai, China.
 *BT1 candu type reactors
 *BT1 phwr type reactors

qinshan-3 reactor

1999-03-23
 Near Shanghai, China.
 (Prior to January 2003 this was a valid descriptor.)
 USE qinshan-3-1 reactor

qinshan reactor

INIS: 1997-04-29; ETDE: 1986-09-05
 (Until April 1997 this was a valid descriptor.)
 USE qinshan-1 reactor

QP DEVICES

*BT1 q devices

QUAD CITIES-1 REACTOR

Exelon Generation Co., LLC, Cordova, Illinois, USA.
 UF cordova quad cities-1 reactor
 *BT1 bwr type reactors

QUAD CITIES-2 REACTOR

Exelon Generation Co., LLC, Cordova, Illinois, USA.
 UF cordova quad cities-2 reactor
 *BT1 bwr type reactors

QUADRATURES

UF gauss quadratures
 RT integrals

QUADRICYCLENE

INIS: 2000-04-12; ETDE: 1977-12-22
 *BT1 cycloalkenes

QUADRUPOLAR CONFIGURATIONS

*BT1 multipolar configurations

QUADRUPOLE LINACS

INIS: 1983-02-03; ETDE: 1981-01-09
 Linear accelerator having four longitudinal vanes in its resonating cavity, which are shaped to create rf electric fields that simultaneously accelerate, bunch, and focus the charged particle beam.
 UF radio frequency quadrupoles
 UF rfq (accelerators)
 *BT1 linear accelerators
 RT fmit linac
 RT pigmi facilities

QUADRUPOLE MOMENTS

RT electric moments
 RT magnetic moments
 RT nuclear electric moments
 RT nuclear magnetic moments
 RT nuclear quadrupole resonance
 RT quadrupoles

QUADRUPOLES

BT1 multipoles
 RT beam focusing magnets
 RT quadrupole moments

QUALITATIVE CHEMICAL ANALYSIS

UF analysis (qualitative chemical)
 UF assaying (qualitative)
 UF urinalysis
 BT1 chemical analysis
 RT activation analysis
 RT blood chemistry
 RT chemistry
 RT emission spectroscopy
 RT microanalysis
 RT radioassay

QUALITY ASSURANCE

The planned and systematic actions necessary to provide adequate confidence that a structure, system, or component will perform satisfactorily in service.

*BT1 quality management
 RT audits
 RT certification
 RT evaluation
 RT licensing
 RT quality control
 RT reliability
 RT safety
 RT safety culture
 RT standardization

QUALITY CONTROL

An aggregate of functions designed to insure adequate quality in manufactured products by initial critical study of engineering design, materials, processes, equipment, and workmanship followed by periodic inspection and analysis.

BT1 control
 RT errors
 RT inspection
 RT materials testing
 RT nondestructive testing
 RT performance testing
 RT quality assurance
 RT quality management
 RT reliability
 RT safety
 RT sampling

RT specifications
RT standardization
RT tolerance

QUALITY FACTOR

UF *qf* (radiation)
BT1 dimensionless numbers
RT dose equivalents
RT let
RT oxygen enhancement ratio
RT radiation quality
RT rbe

QUALITY MANAGEMENT

2018-01-29

Management activities and functions involved in determination of quality policy and its implementation.

BT1 management
NT1 quality assurance
RT quality control

QUALITY OF LIFE

2018-03-13

Measure of individual's sense of well-being and ability to carry out activities of daily living in medicine. For social sciences use STANDARD OF LIVING.

RT chemotherapy
RT combined therapy
RT neoplasms
RT nutrition
RT public health
RT side effects
RT toxicity

QUANICASSEE-1 REACTOR

Consumers Power Co., Quanicassee, Michigan, USA. Canceled in 1974 before construction began.

*BT1 pwr type reactors

QUANICASSEE-2 REACTOR

Consumers Power Co., Quanicassee, Michigan, USA. Canceled in 1974 before construction began.

*BT1 pwr type reactors

QUANTITATIVE CHEMICAL ANALYSIS

1995-11-22

UF *analysis* (quantitative chemical)
UF *assaying* (quantitative)
BT1 chemical analysis
NT1 gravimetric analysis
NT2 thermal gravimetric analysis
NT1 radio-release analysis
NT1 radiochemical analysis
NT1 radiometric analysis
NT1 volumetric analysis
NT2 titration
NT3 amperometry
NT3 iodometry
NT3 potentiometry
NT3 thermometric titration

RT activation analysis
RT blood chemistry
RT body composition
RT chemical composition
RT chemistry
RT concentration ratio
RT emission spectroscopy
RT fluorescence spectroscopy
RT gas analysis
RT isotope dilution
RT kjeldahl method
RT microanalysis
RT polarography
RT radioenzymatic assay
RT raman spectroscopy
RT substoichiometry

RT voltametry
RT x-ray emission analysis
RT x-ray fluorescence analysis

quantity ratio

INIS: 1993-07-12; ETDE: 1993-01-28
(Prior to July 1991 this was a valid ETDE descriptor.)

USE concentration ratio

QUANTIZATION

1983-03-15

Transition from a description of a system of particles or fields in the classical approximation to a description in which canonically conjugate variables are treated as noncommuting operators.

NT1 second quantization
RT quantum field theory
RT quantum mechanics
RT quantum operators

quantum bits

2005-09-30

USE qubits

QUANTUM CHROMODYNAMICS

INIS: 1978-02-23; ETDE: 1977-11-28

Renormalizable quantum field theory, in which colored quark fields are coupled to gluon fields.

UF *chromodynamics*
UF *qcd*
*BT1 quantum field theory
RT bag model
RT cim model
RT color model
RT flavor model
RT gauge invariance
RT gluon-gluon interactions
RT gluon model
RT gluons
RT grand unified theory
RT instantons
RT quantum electrodynamics
RT quantum flavordynamics
RT quark-gluon interactions
RT standard model
RT string models
RT su-3 groups
RT vector fields
RT wilson loop
RT yang-mills theory

QUANTUM COMPUTERS

2005-09-30

Devices for computation that make direct use of distinctively quantum mechanical phenomena, such as superposition and entanglement, to perform operations on data.

UF *quantum computing*
BT1 computers
RT quantum electronics
RT quantum entanglement
RT quantum information
RT quantum mechanics
RT quantum monte carlo method
RT quantum states
RT quantum systems

quantum computing

2005-09-30

USE quantum computers

QUANTUM COSMOLOGY

2014-02-26

BT1 cosmology
RT quantum mechanics

QUANTUM CRYPTOGRAPHY

INIS: 2005-11-01; ETDE: 2005-10-31

Approach to making communications secure based on phenomena of quantum mechanics.

BT1 cryptography
RT memory devices
RT quantum mechanics
RT qubits

quantum crystals

2000-04-12

Crystals with large zero-point motions caused by light mass and a weak interaction of the lattice particles.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE crystals

QUANTUM DECOHERENCE

INIS: 2005-11-01; ETDE: 2005-10-31

RT quantum entanglement
RT quantum mechanics

QUANTUM DOTS

2003-11-03

BT1 nanostructures

QUANTUM EFFICIENCY

INIS: 1982-06-10; ETDE: 1979-09-06

Average number of electrons emitted per incident photon.

BT1 efficiency
RT photocathodes
RT photoelectric emission
RT photon counting

QUANTUM ELECTRODYNAMICS

BT1 electrodynamics
*BT1 quantum field theory
NT1 schwinger-tomonaga formalism
RT bhabha scattering
RT dirac equation
RT dirac operators
RT equivalent-photon approximation
RT infrared divergences
RT joos-weinberg equation
RT moeller scattering
RT quantum chromodynamics
RT quantum flavordynamics
RT self-energy
RT standard model
RT ultraviolet divergences
RT vacuum polarization
RT ward identity

QUANTUM ELECTRONICS

INIS: 1981-05-11; ETDE: 1976-08-04

Unites the classical areas of electronics with those of optics, spectroscopy and quantum mechanics and is based upon the quantum nature of waves and atomic and molecular systems.

UF *electronics* (quantum)
RT lasers
RT masers
RT optics
RT optoelectronic devices
RT quantum computers
RT quantum mechanics
RT quantum optics
RT spectroscopy

QUANTUM ENTANGLEMENT

2005-09-30

Quantum mechanical phenomenon in which the quantum states of two or more objects have to be described with reference to each other, even though the individual objects may be spatially separated.

RT quantum computers
RT quantum decoherence

RT quantum mechanics
 RT quantum numbers
 RT quantum states
 RT quantum teleportation
 RT wave functions

QUANTUM FIELD THEORY

UF *non-linear field theory*
 UF *nonlinear field theory*
 BT1 field theories
 NT1 axiomatic field theory
 NT2 algebraic field theory
 NT2 lsz theory
 NT2 wightman field theory
 NT1 constructive field theory
 NT2 lattice field theory
 NT1 lagrangian field theory
 NT1 phi4-field theory
 NT1 quantum chromodynamics
 NT1 quantum electrodynamics
 NT2 schwinger-tomonaga formalism
 NT1 quantum flavordynamics
 NT1 quantum gravity
 NT2 loop quantum gravity
 NT1 unified gauge models
 NT2 grand unified theory
 NT3 standard model
 NT2 weinberg-salam gauge model
 NT1 yukawa nonlocal theory
 RT anyons
 RT bethe-salpeter equation
 RT current algebra
 RT dispersion relations
 RT dyson representation
 RT feynman diagram
 RT field algebra
 RT field operators
 RT fock representation
 RT gauge invariance
 RT goldberger-treiman relation
 RT haag theorem
 RT heisenberg picture
 RT higgs model
 RT holographic principle
 RT ladder approximation
 RT lehmann-kaellen representation
 RT locality
 RT mass formulae
 RT massless particles
 RT melosh transformation
 RT propagator
 RT quantization
 RT quantum groups
 RT quantum mechanics
 RT quasipotential equation
 RT radiative corrections
 RT regge poles
 RT renormalization
 RT s matrix
 RT scalar fields
 RT scale dimension
 RT schroedinger picture
 RT schwinger functional equations
 RT schwinger source theory
 RT second quantization
 RT sine-gordon equation
 RT spinor fields
 RT spinors
 RT sugawara theory
 RT supergravity
 RT supersymmetry
 RT tensor fields
 RT thirring model
 RT vector fields
 RT vertex functions
 RT vortex theory
 RT wick theorem
 RT yang-feldman formalism
 RT yang-mills theory

RT zachariasen model

QUANTUM FLAVORDYNAMICS

INIS: 1995-08-10; ETDE: 1979-05-25
 UF *flavordynamics*
 *BT1 quantum field theory
 RT flavor model
 RT quantum chromodynamics
 RT quantum electrodynamics
 RT weinberg-salam gauge model

QUANTUM FLUIDS

INIS: 1983-02-03; ETDE: 1979-05-02
 BT1 fluids
 NT1 helium ii
 RT helium 3
 RT helium 4
 RT quantum plasma

QUANTUM GRAVITY

INIS: 1978-11-24; ETDE: 1978-12-20
 *BT1 quantum field theory
 NT1 loop quantum gravity
 RT cosmological inflation
 RT general relativity theory
 RT gravitation
 RT gravitational fields
 RT gravitons
 RT holographic principle
 RT supergravity
 RT unified field theories

QUANTUM GROUPS

1997-08-20
Algebraic structures with applications in solvable models in quantum field theory and statistical physics.
 BT1 symmetry groups
 RT algebra
 RT group theory
 RT quantum field theory

QUANTUM INFORMATION

2005-09-30
Physical information that is held in the state of a quantum system.
 BT1 information
 NT1 qubits
 RT entropy
 RT information theory
 RT quantum computers
 RT quantum mechanics
 RT quantum systems
 RT quantum teleportation

QUANTUM MECHANICS

BT1 mechanics
 RT adiabatic approximation
 RT adiabatic invariance
 RT aharonov-bohm effect
 RT angular momentum
 RT bell theorem
 RT bloch theory
 RT born approximation
 RT boson expansion
 RT canonical transformations
 RT causality
 RT chirality
 RT commutation relations
 RT d waves
 RT de broglie wavelength
 RT density matrix
 RT diabatic approximation
 RT dirac approximation
 RT eigenfunctions
 RT eigenstates
 RT eigenvalues
 RT energy density
 RT expectation value
 RT f waves
 RT feynman path integral

RT fierz-pauli theory
 RT generator-coordinate method
 RT heisenberg picture
 RT hidden variables
 RT hsk procedure
 RT hylleraas coordinates
 RT klein-gordon equation
 RT kramers theorem
 RT levinson theorem
 RT lippmann-schwinger equation
 RT m-theory
 RT mathematical operators
 RT occupation number
 RT p waves
 RT partial waves
 RT pauli principle
 RT perturbation theory
 RT planck law
 RT procra equations
 RT projection operators
 RT quantization
 RT quantum computers
 RT quantum cosmology
 RT quantum cryptography
 RT quantum decoherence
 RT quantum electronics
 RT quantum entanglement
 RT quantum field theory
 RT quantum information
 RT quantum numbers
 RT quantum optics
 RT quantum states
 RT quantum systems
 RT quantum teleportation
 RT racah coefficients
 RT rarita-schwinger theory
 RT s waves
 RT schroedinger equation
 RT schroedinger picture
 RT schwinger variational method
 RT second quantization
 RT selection rules
 RT semiclassical approximation
 RT seniority number
 RT sommerfeld-watson theory
 RT sudden approximation
 RT sum rules
 RT superselection rules
 RT tamm-dancoff method
 RT twistor theory
 RT uncertainty principle
 RT wigner coefficients
 RT wigner theory
 RT zitterbewegung

QUANTUM MONTE CARLO METHOD

2018-03-01
Computational methods whose common aim is the study of complex quantum systems
 *BT1 monte carlo method
 NT1 diffusion monte carlo method
 NT1 variational monte carlo method
 RT calculation methods
 RT many-body problem
 RT quantum computers
 RT quantum systems

QUANTUM NUMBERS

NT1 seniority number
 RT flavor model
 RT gell-mann theory
 RT multiplicity
 RT parity
 RT particle properties
 RT quantum entanglement
 RT quantum mechanics
 RT quantum states
 RT quantum teleportation
 RT spin

QUANTUM OPERATORS

UF operators (quantum field theory)
 UF operators (quantum mechanical)
 BT1 mathematical operators
 NT1 angular momentum operators
 NT2 orbital momentum operators
 NT2 pauli spin operators
 NT1 annihilation operators
 NT1 commutators
 NT2 current commutators
 NT3 sigma terms
 NT1 creation operators
 NT1 dirac operators
 NT1 field operators
 NT1 hamiltonians
 NT1 linear momentum operators
 NT1 moshinsky transformation
 NT1 position operators
 RT boson expansion
 RT gluon condensation
 RT operator product expansion
 RT quantization
 RT quantum states
 RT quark condensation

QUANTUM OPTICS

2015-02-24

A field of research where interactions with light and matter are studied on the basis of quantum mechanical properties of light.

BT1 optics
 RT lasers
 RT quantum electronics
 RT quantum mechanics
 RT quantum systems

QUANTUM PLASMA

BT1 plasma
 RT quantum fluids

QUANTUM STATES

2011-01-25

The conditions of quantum mechanical systems, described by mathematical variables, state vectors or wave functions.

NT1 mixed states
 NT1 pure states
 RT density of states
 RT quantum computers
 RT quantum entanglement
 RT quantum mechanics
 RT quantum numbers
 RT quantum operators
 RT quantum systems
 RT wave functions

QUANTUM SYSTEMS

2015-05-19

RT density of states
 RT integrability
 RT quantum computers
 RT quantum information
 RT quantum mechanics
 RT quantum monte carlo method
 RT quantum optics
 RT quantum states

QUANTUM TELEPORTATION

2005-09-30

Technique of quantum information science in which a quantum state is transferred to an arbitrarily distant location by using an entangled state and the transmission of some classical information.

RT data transmission
 RT quantum entanglement
 RT quantum information
 RT quantum mechanics
 RT quantum numbers

QUANTUM WELLS

2003-11-03

BT1 nanostructures
 RT heterojunctions
 RT wave functions

QUANTUM WIRES

2003-11-03

BT1 nanostructures

QUARANTINE

RT diseases
 RT health hazards
 RT incubation
 RT latency period
 RT pest control
 RT public health
 RT time dependence

QUARK-ANTIQUARK INTERACTIONS

INIS: 1979-01-18; ETDE: 1979-02-23

*BT1 particle interactions

QUARK CONDENSATION

INIS: 1989-04-20; ETDE: 1989-05-11

RT quantum operators
 RT quarks
 RT vacuum states

quark confinement

INIS: 1976-08-17; ETDE: 1976-11-01

USE bag model

QUARK-GLUON INTERACTIONS

INIS: 1983-02-04; ETDE: 1983-03-07

*BT1 particle interactions
 RT gluons
 RT quantum chromodynamics
 RT quark matter
 RT quarks
 RT strong interactions

quark-gluon plasma

INIS: 1984-01-18; ETDE: 1983-09-15

USE quark matter

QUARK-HADRON INTERACTIONS

INIS: 1978-11-24; ETDE: 1978-12-20

*BT1 particle interactions
 RT cim model
 RT exchange interactions
 RT quark model

quark material

INIS: 2000-04-12; ETDE: 1983-09-15

USE quark matter

QUARK MATTER

INIS: 1984-01-18; ETDE: 1983-09-15

A plasma of non-interacting quarks and gluons formed from hadronic matter at high energy densities.

UF plasma (quark)
 UF quark-gluon plasma
 UF quark material
 UF quark plasma
 UF quark sea
 BT1 matter
 RT gluons
 RT nuclear matter
 RT quark-gluon interactions
 RT quark model
 RT quarks
 RT string theory

QUARK MODEL

SF parton model
 *BT1 composite models
 NT1 bag model
 NT1 color model
 NT1 flavor model

NT1 string models
 NT2 superstring models
 RT beauty particles
 RT charm particles
 RT landau quasi particles
 RT merons
 RT quark-hadron interactions
 RT quark matter
 RT quarkonium
 RT quarks

quark plasma

INIS: 1984-01-18; ETDE: 1983-09-15

USE quark matter

QUARK-QUARK INTERACTIONS

INIS: 1979-09-18; ETDE: 1979-02-23

*BT1 particle interactions

quark sea

INIS: 2000-04-12; ETDE: 1983-09-15

USE quark matter

QUARKONIUM

INIS: 1995-09-08; ETDE: 1980-05-23

A bound state of a quark and an antiquark.

NT1 bottomonium
 NT2 chi b0-10235 mesons
 NT2 chi b0-9860 mesons
 NT2 chi b1-10255 mesons
 NT2 chi b1-9890 mesons
 NT2 chi b2-10270 mesons
 NT2 chi b2-9915 mesons
 NT2 upsilon-10023 mesons
 NT2 upsilon-10355 mesons
 NT2 upsilon-10580 mesons
 NT2 upsilon-10860 mesons
 NT2 upsilon-11020 mesons
 NT2 upsilon-9460 mesons
 NT1 charmonium
 NT2 chi0-3415 mesons
 NT2 chi1-3510 mesons
 NT2 chi2-3555 mesons
 NT2 eta c-2980 mesons
 NT2 eta c-3590 mesons
 NT2 j psi-3097 mesons
 NT2 psi-3685 mesons
 NT2 psi-3770 mesons
 NT2 psi-4040 mesons
 NT2 psi-4160 mesons
 NT2 psi-4415 mesons
 NT1 strangeonium
 NT2 f2 prime-1525 mesons
 NT1 toponium
 RT b c mesons
 RT baryonium
 RT bound state
 RT d quarks
 RT quark model
 RT quarks
 RT u quarks

QUARKS

1995-09-08

UF aces (quarks)
 UF triplet particles
 UF urbaryons
 SF grace particles
 SF partons
 SF taste particles
 BT1 fermions
 NT1 antiquarks
 NT2 b antiquarks
 NT2 c antiquarks
 NT2 d antiquarks
 NT2 s antiquarks
 NT2 t antiquarks
 NT2 u antiquarks
 NT1 b quarks
 NT2 b antiquarks

NT1 c quarks
NT2 c antiquarks
NT1 d quarks
NT2 d antiquarks
NT1 s quarks
NT2 s antiquarks
NT1 t quarks
NT2 t antiquarks
NT1 u quarks
NT2 u antiquarks
RT centauro-type events
RT composite models
RT melosh transformation
RT preons
RT quark condensation
RT quark-gluon interactions
RT quark matter
RT quark model
RT quarkonium

quarrying

INIS: 1975-11-07; ETDE: 2002-02-27
USE surface mining

QUARTET MODEL

UF four-nucleon structure
***BT1** nuclear models
RT cluster model
RT nuclear structure

QUARTZ

Crystalline silica, an important rock-forming mineral.
***BT1** oxide minerals
RT aplites
RT cristobalite
RT granites
RT granodiorites
RT quartz monzonite
RT quartzites
RT shales
RT silicate minerals
RT silicon oxides

QUARTZ MONZONITE

INIS: 1984-11-30; ETDE: 1984-05-23
UF adamellite
***BT1** granites
RT feldspars
RT quartz

QUARTZITES

Quartz rocks derived from sandstone.
***BT1** metamorphic rocks
RT quartz
RT sandstones

QUASARS

BT1 cosmic radio sources
NT1 blue stellar objects
RT bl lacertae objects
RT radio galaxies
RT seyfert galaxies
RT stars

quasi-elastic reactions

INIS: 1984-04-04; ETDE: 2002-06-13
Reactions between heavy ions, dominant at low energies, in which small amounts of energy and a few particles are transferred.
USE transfer reactions

QUASI-ELASTIC SCATTERING

***BT1** quasi-free reactions
BT1 scattering
RT elastic scattering

QUASI-FISSION

INIS: 1977-04-07; ETDE: 1977-06-03
UF fission-like reactions
***BT1** heavy ion reactions
RT compound-nucleus reactions

RT deep inelastic heavy ion reactions
RT fission
RT heavy ion fusion reactions
RT nuclear fireball model
RT precompound-nucleus emission

QUASI-FREE REACTIONS

Nuclear reactions similar to quasi-free (or quasi-elastic) scattering, but distinct in that the incident particle undergoes a rearrangement reaction with the struck particle in the nucleus instead of just scattering from it.
***BT1** direct reactions
NT1 quasi-elastic scattering

QUASI PARTICLES

UF dopplersons
NT1 anyons
NT2 abelian anyons
NT1 excitons
NT1 focusons
NT1 instantons
NT1 landau quasi particles
NT1 magnons
NT1 merons
NT1 phonons
NT1 plasmons
NT1 polarons
NT1 pomeranchuk particles
NT1 rotons
NT1 solitons
RT holes
RT many-body problem

QUASIBOUND STATE

INIS: 1988-11-16; ETDE: 1988-12-05
RT bound state
RT coupling
RT energy levels

QUASILINEAR PROBLEMS

UF quasilinear theory
RT boltzmann-vlasov equation
RT mathematics
RT nonlinear problems
RT perturbation theory

quasilinear theory

INIS: 1988-11-16; ETDE: 2002-04-26
USE quasilinear problems

QUASIPARTICLE-PHONON MODEL

INIS: 1981-02-27; ETDE: 1981-03-16
***BT1** nuclear models
RT collective model
RT phonons
RT single-particle model

QUASIPOTENTIAL EQUATION

***BT1** integral equations
RT lippmann-schwinger equation
RT quantum field theory
RT scattering amplitudes

QUATERNARY ALLOY SYSTEMS

SF quaternary compounds
BT1 alloy systems

QUATERNARY AMMONIUM COMPOUNDS

2009-08-13
Prior to September 2009 QUATERNARY COMPOUNDS was used for this concept.
UF teab
UF tetraethylammonium bromide
SF quaternary compounds
BT1 ammonium compounds
NT1 acetylcholine
NT1 betaine
NT1 choline
NT1 pyridinium compounds

RT ammonia

quaternary compounds

1996-10-23
For quaternary ammonium compounds. (Prior to September 2009 this was a valid descriptor.)
SEE quaternary alloy systems
SEE quaternary ammonium compounds

QUATERNARY FISSION

Fission with emission of two light charged particles.
***BT1** fission

QUATERNARY PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19
UF holocene epoch
***BT1** cenozoic era
NT1 pleistocene epoch

QUATERPHENYLS

***BT1** polycyclic aromatic hydrocarbons

QUBITS

2005-09-30
Units of quantum information represented by the superposition of pairs of orthogonal base states in quantum systems.
UF qbits
UF quantum bits
***BT1** quantum information
RT quantum cryptography

QUEBEC

***BT1** canada
RT ottawa river
RT st lawrence river

QUEEN MARY COLLEGE UTR-B REACTOR

Queen Mary College, London, United Kingdom. Decommissioned since 1983.
UF university training reactor queen mary
UF utr-b queen mary college reactor
***BT1** argonaut type reactors
***BT1** training reactors

QUEENSLAND

***BT1** australia

QUENCH AGING

BT1 aging
RT quenching

QUENCH HARDENING

1996-06-28
(Prior to July 1996 JOMINY END-QUENCH TECHNIQUE was a valid ETDE descriptor.)
SF jominy end-quench technique
BT1 hardening
BT1 heat treatments
RT quenching
RT splat cooling

QUENCHING

2000-05-18
RT heat treatments
RT quench aging
RT quench hardening
RT superconductivity

quenching (avalanche)

INIS: 1978-07-03; ETDE: 1976-05-17
USE avalanche quenching

quenching (discharge)

1996-04-16
USE discharge quenching

quenching (fluorescence)

INIS: 1984-04-04; ETDE: 2002-04-26

USE fluorescence

quenching (scintillation)

USE scintillation quenching

QUERCETIN

*BT1 flavones

*BT1 polyphenols

*BT1 pyrans

RT glycosides

quercus

USE oaks

QUEUES

INIS: 2000-04-12; ETDE: 1975-10-01

RT mathematics

quezon philippine reactor

USE prr-1 reactor

QUIESCENT PLASMA

BT1 plasma

QUINALDINE

1996-07-18

UF 2-methylquinoline

*BT1 quinolines

quinalizarin

USE quinizarin

quinhydrone

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE benzoquinones

QUININE

*BT1 alkaloids

*BT1 antimicrobial agents

*BT1 antipyretics

QUINIZARIN

UF 1,4-dihydroxyanthraquinone

UF quinalizarin

*BT1 anthraquinones

BT1 dyes

*BT1 hydroxy compounds

QUINOLINES

1996-07-18

UF kynurenic acid

*BT1 azaarenes

*BT1 pyridines

NT1 ferron

NT1 oxine

NT1 quinaldine

quinone

USE benzoquinones

QUINONES

*BT1 aromatics

*BT1 organic oxygen compounds

NT1 anthraquinones

NT2 alizarin

NT2 carminic acid

NT2 quinizarin

NT1 benzoquinones

NT2 chloranil

NT2 chloranilic acid

NT2 plastoquinone

NT2 ubiquinone

NT1 rhodizonic acid

NT1 vitamin k

RT ketones

r (exposure unit)

For studies concerning units, concepts, or definitions. See also DOSE EQUIVALENTS.

USE radiation dose units

R-1 REACTOR

Stockholm, Sweden.

UF stockholm r-1 reactor

UF swedish reactor r-1

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 natural uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

r-1650 resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE mesons

R-2 REACTOR

Aktiebolaget Atomenergi, Nykoping, Studsvik, Sweden.

UF studsvik r-2 reactor

UF swedish reactor r-2

*BT1 enriched uranium reactors

*BT1 materials testing reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

r-2510 resonances

INIS: 1987-12-21; ETDE: 2002-04-26

(Prior to December 1987 this was a valid descriptor.)

USE f6-2510 mesons

r-3/adam reactor

USE agesta reactor

R-A REACTOR

VINCA Institute of Nuclear Sciences, Belgrade, Serbia and Montenegro. Decommissioned.

UF vinca r-a reactor yugoslavia

UF yugoslavia r-a reactor vinca

*BT1 enriched uranium reactors

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 isotope production reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

R-B REACTOR

VINCA Institute of Nuclear Sciences, Belgrade, Serbia and Montenegro. Shutdown since 2012.

UF vinca r-b reactor yugoslavia

UF yugoslavia r-b reactor vinca

*BT1 heavy water moderated reactors

*BT1 natural uranium reactors

*BT1 training reactors

*BT1 zero power reactors

R CENTERS

*BT1 color centers

R CODES

BT1 computer codes

r-f mass spectrometers

USE dynamic mass spectrometers

R FACTORS

INIS: 2000-04-12; ETDE: 1977-06-21

Measures of thermal resistance value of materials.

RT thermal insulation

RT u values

r-ii swierk reactor

2000-04-12

USE swierk r-2 reactor

R MATRIX

BT1 matrices

RT group theory

RT multilevel analysis

RT nuclear reactions

R PROCESS

*BT1 star evolution

RT capture

RT nucleosynthesis

RT stars

R REACTOR

Savannah River Plant, Aiken, South Carolina, USA. Reactor in surveillance and maintenance mode.

UF savannah river plant r reactor

*BT1 heavy water moderated reactors

*BT1 special production reactors

r-rna

INIS: 1990-04-19; ETDE: 1985-11-19

USE ribosomal rna

R2-0 REACTOR

Aktiebolaget Atomenergi, Nykoping, Studsvik, Sweden.

UF studsvik r2-0 reactor

UF swedish reactor r2-0

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 pool type reactors

*BT1 research reactors

RA-0 REACTOR

UN Cordoba/CNEA, Argentinian Atomic Energy Commission, Cordoba, Argentina.

UF argentine reactor ra-0

UF reactor argentin-0

*BT1 research reactors

*BT1 tank type reactors

*BT1 zero power reactors

ra-1 enrico fermi

2018-03-07

USE ra-1 reactor

RA-1 REACTOR

CNEA, Buenos Aires, Argentina.

UF argentine reactor ra-1

UF ra-1 enrico fermi

UF reactor argentin-1

*BT1 argonaut type reactors

*BT1 training reactors

RA-10 REACTOR

2018-03-07

Buenos Aires, Argentina. Currently under construction. RA-10 will be a replacement of RA-3.

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

RA-2 REACTOR

CNEA, Argentinian Atomic Energy Commission, Buenos Aires, Argentina. Decommissioned.

UF argentine reactor ra-2

UF reactor argentin-2

*BT1 research reactors

- *BT1 tank type reactors
- *BT1 zero power reactors

RA-3 REACTOR

CNEA, Argentinian Atomic Energy
Commission, Buenos Aires, Argentina.
UF argentine reactor ra-3
UF ezeiza argentine ra-3 reactor
UF reactor argentin-3
*BT1 research reactors
*BT1 tank type reactors
*BT1 test reactors

ra 333

INIS: 2000-04-12; ETDE: 1979-08-09
USE alloy-ra-333

RA-4 REACTOR

2002-08-13
UF argentine reactor ra-4
UF ezeiza argentine ra-4 reactor
UF reactor argentin-4
*BT1 research reactors
*BT1 tank type reactors
*BT1 test reactors

RA-5 REACTOR

INIS: 1976-02-11; ETDE: 1976-04-19
CNEA, Argentinian Atomic Energy
Commission, Buenos Aires, Argentina.
UF argentine reactor ra-5
UF reactor argentin-5
*BT1 enriched uranium reactors
*BT1 research reactors
*BT1 tank type reactors
*BT1 test reactors
*BT1 thermal reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

RA-6 REACTOR

2001-03-01
CNEA, Argentinian Atomic Energy
Commission, Buenos Aires, Argentina.
UF argentine reactor ra-6
UF reactor argentin ra-6
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 test reactors
*BT1 thermal reactors

RA-8 REACTOR

2002-11-20
CNEA, Argentinian Atomic Energy
Commission, Buenos Aires, Argentina.
UF argentine reactor ra-8
UF reactor argentin-8
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 test reactors
*BT1 thermal reactors
*BT1 zero power reactors

rabbit brush

INIS: 1994-08-22; ETDE: 1982-03-11
(Prior to April 1994, this was a valid ETDE
descriptor.)
USE magnoliopsida
USE shrubs

RABBIT TUBES

1995-05-09
UF shuttles
BT1 reaction product transport systems
*BT1 reactor experimental facilities

RABBITS

- *BT1 mammals

RABIES

INIS: 1982-04-14; ETDE: 1982-05-07
*BT1 encephalitis
*BT1 viral diseases
RT central nervous system
RT viruses

RACAH COEFFICIENTS

UF 6j-symbols
RT angular momentum
RT clebsch-gordan coefficients
RT group theory
RT quantum mechanics
RT wigner coefficients

RACEMATES

INIS: 2000-04-12; ETDE: 1976-02-19
50-50 mixtures of dextro and levo isomers;
optically inactive.
UF achiral
RT racemization
RT stereochemistry

RACEMIZATION

RT isomerases
RT racemates
RT stereochemistry

RACETRACK MICROTRONS

INIS: 1985-07-23; ETDE: 1985-08-09
Microtrons with two bending magnets and
linear accelerators between them.
*BT1 microtrons

rachitis

USE rickets

racial groups

INIS: 2000-04-12; ETDE: 1979-10-23
USE minority groups

racks (fuel)

INIS: 1980-04-02; ETDE: 1978-10-25
USE fuel racks

rad

1997-06-05
See also RADIATION DOSES.
USE radiation dose units

RADAPPERTIZATION

ETDE: 1995-05-05
Use of irradiation to sterilize foodstuff.
UF food irradiation (radiosterilization)
UF radiosterilization (food)
*BT1 food processing
*BT1 radiosterilization
RT food
RT ifip

RADAR

(From March 1980 till March 1997
SYNTHETIC-APERTURE RADAR was a
valid ETDE descriptor.)
UF radiation detection and range
UF synthetic-aperture radar
*BT1 range finders
NT1 acoustic radar
NT1 optical radar
RT electrical equipment
RT electronic equipment
RT frequency range
RT radio equipment
RT radiowave radiation

radial distribution

INIS: 1989-04-20; ETDE: 2002-04-26
USE spatial distribution

radial flow mhd generators

INIS: 1993-02-19; ETDE: 1979-05-03
USE disk mhd generators

RADIAL INFLOW TURBINES

INIS: 2000-04-12; ETDE: 1984-08-20
*BT1 turbines
RT radial-outflow reaction turbines

RADIAL-OUTFLOW REACTION TURBINES

INIS: 2000-04-12; ETDE: 1978-10-23
UF rort
*BT1 turbines
RT radial inflow turbines

radial profiles (plasma)

INIS: 1989-09-14; ETDE: 2002-04-26
USE plasma radial profiles

RADIAL VELOCITY

BT1 velocity

RADIANT CABLE HEATING

INIS: 2000-04-12; ETDE: 1977-09-19
*BT1 electric heating
RT radiant heaters
RT space heating

RADIANT FLUX DENSITY

2000-04-12
UF irradiance
UF radiant intensity
BT1 flux density

RADIANT HEAT TRANSFER

UF radiative transfer
*BT1 heat transfer
RT emissivity
RT radiative cooling
RT thermal radiation

RADIANT HEATERS

INIS: 2000-04-12; ETDE: 1982-04-09
BT1 heaters
RT radiant cable heating

radiant intensity

2000-04-12
USE radiant flux density

RADIATION ABSORPTION ANALYSIS

Analysis based on the determination of the
absorption of X-ray, gamma-ray, or other
ionizing radiation by the sample.
*BT1 nondestructive analysis

RADIATION ACCIDENTS

1995-05-10
UF accidental irradiation
UF criticality accidents
UF goiania radiological emergency
SF nuclear accidents
BT1 accidents
RT canare
RT emergency plans
RT international nuclear event scale
RT radiation doses

RADIATION ATTENUATION TESTING

1986-04-04
(Prior to April 1986 INDUSTRIAL
RADIOGRAPHY was used for this concept.)
*BT1 nondestructive testing
RT industrial radiography

RADIATION BELTS

UF van allen belts
NT1 artificial radiation belts
RT charged-particle precipitation
RT earth magnetosphere
RT electron precipitation
RT proton precipitation

radiation buildup

USE buildup

radiation burden

USE radiation doses

RADIATION BURNS

*BT1 burns

*BT1 local radiation effects

*BT1 radiation injuries

RT radiodermatitis

RADIATION CHEMISTRY*The chemistry of the effects of high-energy radiation on matter. Not to be used for RADIOCHEMISTRY.*

BT1 chemistry

RT chemical radiation effects

RT g value

RT oxonium ions

RT photochemistry

RT radiochemistry

RT radiolysis

RT reaction intermediates

RT recombination

RT scavenging

RT valence

RADIATION CHIMERAS

*BT1 chimeras

RT biological radiation effects

RT spleen colony formation

RADIATION CURING*INIS: 1982-10-29; ETDE: 1976-09-28**(Prior to November 1982 this concept was indexed by the coordination of CHEMICAL RADIATION EFFECTS and CROSS-LINKING.)*

*BT1 chemical radiation effects

BT1 curing

RT cross-linking

radiation damage (biological)

USE radiation injuries

radiation damage (chemical)*INIS: 1976-03-02; ETDE: 2002-04-26*

USE radiolysis

radiation damage (nonbiologic)*2000-04-12*

USE radiation effects

radiation damage (physical)*INIS: 1976-03-02; ETDE: 2002-04-26*

USE physical radiation effects

radiation decontamination*2000-04-12*

USE decontamination

RADIATION DETECTION

UF detection (radiation)

BT1 detection

NT1 charged particle detection

NT2 acoustic detection

NT2 alpha detection

NT2 beta detection

NT2 electron detection

NT2 ion detection

NT2 muon detection

NT2 positron detection

NT2 proton detection

NT1 cosmic ray detection

NT1 fission fragment detection

NT1 gamma detection

NT1 kaon detection

NT1 neutrino detection

NT1 neutron detection

NT1 pion detection

NT1 x-ray detection

RT coincidence spectrometry

RT counting circuits

RT dosimeters

RT dosimetry

RT particle discrimination

RT pulse techniques

RT radiation detectors

RT radiation monitoring

RT radiations

RT spectrometers

RT spectroscopy

radiation detection and range

USE radar

RADIATION DETECTORS

UF counters (radiation)

UF detectors (radiation)

BT1 measuring instruments

NT1 alice detector

NT1 atlas detector

NT1 cbm detector

NT1 chemical radiation detectors

NT1 cherenkov counters

NT1 cms detector

NT1 compass detector

NT1 compton diode detectors

NT1 corona counters

NT1 crystal counters

NT2 filament crystal counters

NT1 dielectric track detectors

NT1 directional radiation detectors

NT1 electron multiplier detectors

NT1 emanometers

NT1 fermilab collider detector

NT1 flow counters

NT1 four-pi detectors

NT1 gas track detectors

NT2 bubble chambers

NT3 cryogenic bubble chambers

NT3 heavy liquid bubble chambers

NT3 ultrasonic bubble chambers

NT2 cloud chambers

NT3 diffusion chambers

NT3 expansion chambers

NT2 spark chambers

NT3 filmless spark chambers

NT4 sonic spark chambers

NT4 wire spark chambers

NT3 projection spark chambers

NT3 streamer spark chambers

NT3 wide gap spark chambers

NT1 geiger-mueller counters

NT1 gravitational wave detectors

NT1 hades detector

NT1 ionization chambers

NT2 boron coated ion chambers

NT2 bragg gray chambers

NT2 condenser ionization chambers

NT2 extrapolation chambers

NT2 fission chambers

NT2 liquid ionization chambers

NT2 multiwire ionization chambers

NT1 lhcb detector

NT1 low level counters

NT1 neutrino detectors

NT2 baikal neutrino telescope

NT2 borexino detector

NT2 icecube neutrino detector

NT2 super-kamiokande neutrino detector

NT1 neutron detectors

NT2 activation detectors

NT2 bf3 counters

NT2 boron coated ion chambers

NT2 boron lined counters

NT2 fission chambers

NT2 fission foil detectors

NT2 fission thermocouple detectors

NT2 he-3 counters

NT2 moderating detectors

NT3 bonner sphere detectors

NT3 long counters

NT2 proton recoil detectors

NT2 self-powered neutron detectors

NT2 threshold detectors

NT1 panda detector

NT1 phenix detector

NT1 phobos detector

NT1 photographic film detectors

NT1 position sensitive detectors

NT1 proportional counters

NT2 bf3 counters

NT2 boron lined counters

NT2 he-3 counters

NT2 liquid proportional counters

NT2 multiwire proportional chambers

NT3 drift chambers

NT4 time projection chambers

NT2 needle chambers

NT1 pyroelectric detectors

NT1 radiometers

NT1 scintillation counters

NT2 gas scintillation detectors

NT2 liquid scintillation detectors

NT2 scintillator-photodiode detectors

NT2 solid scintillation detectors

NT3 bgo detectors

NT3 nai detectors

NT3 plastic scintillation detectors

NT1 secondary emission detectors

NT1 self-powered detectors

NT2 self-powered gamma detectors

NT2 self-powered neutron detectors

NT1 semiconductor detectors

NT2 bulk semiconductor detectors

NT2 cdte semiconductor detectors

NT2 cdznte semiconductor detectors

NT2 ge semiconductor detectors

NT3 high-purity ge detectors

NT3 li-drifted ge detectors

NT2 hgi2 semiconductor detectors

NT2 insb semiconductor detectors

NT2 junction detectors

NT3 li-drifted junction detectors

NT2 li-drifted detectors

NT3 li-drifted ge detectors

NT3 li-drifted junction detectors

NT3 li-drifted si detectors

NT2 si semiconductor detectors

NT3 li-drifted si detectors

NT3 si microstrip detectors

NT2 surface barrier detectors

NT1 shower counters

NT1 spark counters

NT1 stanford linear collider detector

NT1 star detector

NT1 superconducting colloid detectors

NT1 tissue-equivalent detectors

NT1 transition radiation detectors

NT1 wall-less counters

NT1 whole-body counters

RT charged particle detection

RT cosmic ray detection

RT counting circuits

RT counting techniques

RT dosimeters

RT fission fragment detection

RT gamma detection

RT neutron detection

RT polarimeters

RT pulse techniques

RT radiation detection

RT radiation hardness

RT radiation monitors

RT radioisotope scanners

RT scalars

RT spectrometers

RT streak cameras

RT telescope counters

RT well logging equipment

RADIATION DOSE DISTRIBUTIONS

UF dose distributions

NT1 spatial dose distributions

NT2 depth dose distributions

NT1 temporal dose distributions

RT dose-response relationships

RT irradiation

RT isodose curves

RT radiation doses

RADIATION DOSE RANGES

2012-05-30

NT1 absorbed dose range

NT2 giga gy range

NT2 gy range

NT3 gy range 01-10

NT3 gy range 10-100

NT3 gy range 100-1000

NT2 kilo gy range

NT2 mega gy range

NT2 micro gy range

NT3 micro gy range 01-10

NT3 micro gy range 10-100

NT3 micro gy range 100-1000

NT2 milli gy range

NT3 milli gy range 01-10

NT3 milli gy range 10-100

NT3 milli gy range 100-1000

NT2 nano gy range

NT1 equivalent dose range

NT2 micro sv range

NT2 milli sv range

NT3 milli sv range 01-10

NT3 milli sv range 10-100

NT3 milli sv range 100-1000

NT2 sv range

RT radiation dose rate ranges

RT radiation dose units

RT radiation doses

RADIATION DOSE RATE RANGES

2013-01-23

NT1 micro sv per hour range

NT2 micro sv per hour range 01-10

NT2 micro sv per hour range 10-100

NT2 micro sv per hour range 100-1000

NT1 milli sv per hour range

NT2 milli sv per hour range 01-10

NT2 milli sv per hour range 10-100

NT2 milli sv per hour range 100-1000

NT1 milli sv per year range

NT2 milli sv per year range 01-10

NT2 milli sv per year range 10-100

NT2 milli sv per year range 100-1000

NT1 nano sv per hour range

NT1 sv per hour range

NT1 sv per year range

RT dose rates

RT equivalent dose range

RT low dose irradiation

RT pulsed irradiation

RT radiation dose ranges

RT temporal dose distributions

RT time dependence

RADIATION DOSE UNITS

1997-06-05

For studies concerning units, concepts or definitions.

UF becquerel

UF gray

UF r (exposure unit)

UF rad

UF rem

UF roentgen (exposure unit)

UF roentgen equivalent man

UF sievert

UF sievert unit

BT1 units

RT dosimetry

RT icru

RT radiation dose ranges

RT radiation doses

RT radioactivity range

radiation dosimeters

USE dosimeters

RADIATION DOSES

UF doses (radiation)

UF exposure (radiation doses)

UF radiation burden

UF radiation exposure (doses)

BT1 doses

NT1 absorbed radiation doses

NT1 effective radiation doses

NT1 equivalent radiation doses

NT1 genetically significant dose

NT1 integral doses

NT1 lethal radiation dose

NT1 somatically significant dose

NT1 threshold dose

RT alara

RT biological indicators

RT biophysics

RT buildup

RT critical organs

RT dose commitments

RT dose equivalents

RT dose limits

RT dose rates

RT dose-response relationships

RT dosimeters

RT dosimetry

RT energy absorption

RT icrp critical group

RT irradiation

RT kerma

RT maximum permissible dose

RT maximum permissible exposure

RT medical surveillance

RT occupational exposure

RT personnel monitoring

RT radiation accidents

RT radiation dose distributions

RT radiation dose ranges

RT radiation dose units

RT radiation effects

RT radiations

RT remedial action

RT source terms

radiation dosimetry

USE dosimetry

RADIATION EFFECTS

1996-01-24

UF radiation damage (nonbiologic)

NT1 biological radiation effects

NT2 abscopal radiation effects

NT2 bystander effects

NT2 delayed radiation effects

NT2 early radiation effects

NT2 genetic radiation effects

NT2 local radiation effects

NT3 osteoradionecrosis

NT3 radiation burns

NT3 radiodermatitis

NT2 radiation injuries

NT3 osteoradionecrosis

NT3 radiation burns

NT3 radiodermatitis

NT1 chemical radiation effects

NT2 lyoluminescence

NT2 radiation curing

NT2 radiolysis

NT3 autoradiolysis

NT1 cumulative radiation effects

NT1 physical radiation effects

NT2 atomic displacements

NT2 interstitial helium generation

NT2 interstitial hydrogen generation

NT2 radiation hardening

RT biological localization

RT biophysics

RT blisters

RT comparative evaluations

RT crystal defects

RT damage

RT dose rates

RT dose-response relationships

RT energy losses

RT irradiation

RT photoacoustic effect

RT radiation doses

RT radiation hardness

RT radiation quality

RT radiations

RT radiobiology

RT radiosensitivity

RT rbe

RT recoils

RT response modifying factors

RT self-irradiation

RT strand breaks

RT thermal spikes

RT wigner effect

RADIATION EQUIVALENCE

INIS: 2000-04-12; ETDE: 1981-01-27

The biological effect of a mutagen or carcinogen expressed in terms of the dose of ionizing radiation needed to produce a similar effect.

RT carcinogens

RT genetic effects

RT mutagens

radiation exposure (doses)

USE radiation doses

RADIATION FLUX

UF flux (radiation)

NT1 cosmic ray flux

NT1 neutron flux

NT2 adjoint flux

NT1 solar flux

NT2 diffuse solar radiation

NT2 direct solar radiation

RT flux density

RT point kernels

RT poynting theorem

RADIATION HARDENING

BT1 hardening

*BT1 physical radiation effects

RT radiation hardness

radiation hardening (chemical)

USE chemical radiation effects

USE polymerization

RADIATION HARDNESS

2014-06-25

RT damaging neutron fluence

RT electronic equipment

RT irradiation

RT radiation detectors

RT radiation effects

RT radiation hardening

RADIATION HAZARDS

*BT1 health hazards

RT alara

RT fallout

RT fission product release

RT fuel element failure

RT genetically significant dose

RT hot labs

RT icrp critical group
 RT irradiation
 RT radiation protection
 RT radiation protection laws
 RT radioactive wastes
 RT release limits
 RT somatically significant dose
 RT unscear

RADIATION HEATING

Component or materials heating by incident nuclear radiation.

UF gamma heating
 UF neutron heating
 BT1 heating

radiation hygiene

USE radiation protection

RADIATION INDUCED MUTANTS

INIS: 1978-02-23; ETDE: 1986-01-03

BT1 mutants
 RT animal breeding
 RT plant breeding

RADIATION INJURIES

1998-02-16

For damage to molecules of biological significance use CHEMICAL RADIATION EFFECTS or STRAND BREAKS.

UF damage (radiation, biological)
 UF delayed radiation injuries
 UF early radiation injuries
 UF radiation damage (biological)
 *BT1 biological radiation effects
 *BT1 injuries
 NT1 osteoradionecrosis
 NT1 radiation burns
 NT1 radiodermatitis
 RT biological indicators
 RT biological repair
 RT dna damages
 RT host-cell reactivation
 RT photoreactivation
 RT radiation syndrome
 RT radiobiology
 RT radioinduction
 RT strand breaks

RADIATION LENGTH

1999-07-20

*BT1 length
 RT bremsstrahlung
 RT charged particle detection
 RT energy losses
 RT half-thickness
 RT thickness

radiation logging

INIS: 2000-04-12; ETDE: 1976-06-07

USE radioactivity logging

RADIATION METROLOGY

2017-03-23

BT1 metrology
 RT calibration
 RT dosimetry

RADIATION MONITORING

UF control (radioactivity)
 UF monitoring (radiation)
 UF surveillance (radioactivity)
 UF survey (radioactivity)
 BT1 monitoring
 NT1 personnel monitoring
 RT aerial monitoring
 RT aerosol monitoring
 RT alarm systems
 RT controlled areas
 RT dosemeters
 RT dosimetry

RT exposure ratemeters
 RT inspection
 RT radiation detection
 RT radiation protection
 RT radioactivity
 RT radioassay
 RT site characterization
 RT skyshine

RADIATION MONITORS

UF alarm dosemeters
 UF monitors (radiation)
 *BT1 monitors
 NT1 exposure ratemeters
 NT1 liquid contamination monitors
 NT1 neutron monitors
 NT1 surface contamination monitors
 NT1 survey monitors
 RT air samplers
 RT alarm systems
 RT dosemeters
 RT radiation detectors
 RT radioactivity

RADIATION PRESSURE

UF pressure (radiation)
 RT electromagnetic radiation
 RT solar wind

RADIATION PROTECTION

1995-05-10

UF health physics
 UF nuclear safety
 UF protection (radiation)
 UF radiation hygiene
 UF radiation safety
 UF radiological protection
 UF safety (nuclear)
 SF alap
 RT accidents
 RT alara
 RT annual limit of intake
 RT biological shielding
 RT biophysics
 RT civil defense
 RT containment
 RT controlled areas
 RT decontamination
 RT distance
 RT dosimetry
 RT environment
 RT ethical aspects
 RT external irradiation
 RT fallout
 RT fallout shelters
 RT federal radiation council
 RT gloveboxes
 RT gloves
 RT half-thickness
 RT health hazards
 RT hot cells
 RT hot labs
 RT icrp
 RT image intensifiers
 RT industrial medicine
 RT inspection
 RT international convention on nuclear safety
 RT international nuclear event scale
 RT legal aspects
 RT licensing
 RT preventive medicine
 RT protective clothing
 RT public health
 RT radiation hazards
 RT radiation monitoring
 RT radiation protection laws
 RT radiation quality
 RT radiation sources
 RT radioprotective substances

RT reactor safety
 RT recommendations
 RT reference man
 RT regulations
 RT reliability
 RT remedial action
 RT remote handling
 RT respirators
 RT safety
 RT safety showers
 RT safety standards
 RT shelters
 RT shielding
 RT shielding materials
 RT shields
 RT space flight
 RT strahlenschutzkommission
 RT television
 RT usur
 RT whole-body counting
 RT working conditions

radiation protection guides

USE recommendations

RADIATION PROTECTION LAWS

INIS: 1990-12-15; ETDE: 1976-11-01

(Prior to December 1990, this descriptor was spelled RADIATION PROTECTION LAW.)

BT1 laws
 RT federal radiation council
 RT radiation hazards
 RT radiation protection
 RT safety standards

RADIATION QUALITY

For comparative studies on different types of radiation.

RT energy losses
 RT half-thickness
 RT ionization
 RT let
 RT quality factor
 RT radiation effects
 RT radiation protection
 RT radiations
 RT rbe

radiation safety

USE radiation protection

RADIATION SCATTERING ANALYSIS

*BT1 nondestructive analysis
 RT ion scattering analysis
 RT radiometric analysis
 RT scattering

RADIATION SOURCE IMPLANTS

UF implanted sources
 BT1 implants
 BT1 radiation sources
 RT afterloading
 RT brachytherapy
 RT internal irradiation
 RT irradiation capsules
 RT radioembolization
 RT radiotherapy

RADIATION SOURCES

For cosmic sources of radiation see also COSMIC GAMMA SOURCES, COSMIC RADIO SOURCES, and COSMIC X-RAY SOURCES.

UF applicators (radiotherapy)
 UF radioapplicators
 NT1 gamma sources
 NT1 light sources
 NT1 particle sources
 NT2 alpha sources
 NT2 antiproton sources

NT2 beta sources
 NT2 deuteron sources
 NT2 electron sources
 NT3 pierce electron guns
 NT2 neutron sources
 NT3 neutron generators
 NT2 positron sources
 NT2 proton sources
 NT1 point sources
 NT1 portable sources
 NT1 radiation source implants
 NT1 sealed sources
 NT1 synchrotron radiation sources
 NT2 advanced light source
 NT2 advanced photon source
 NT2 european synchrotron radiation facility
 NT2 indus-1
 NT2 indus-2
 NT2 kek photon factory
 NT2 lns storage ring
 NT2 nsls
 NT2 pohang light source
 NT2 spring-8 storage ring
 NT2 surf ii storage ring
 NT2 swiss light source
 NT1 unsealed sources
 NT1 x-ray sources
 RT containers
 RT irradiation
 RT irradiation devices
 RT irradiation plants
 RT lasers
 RT masers
 RT radiation protection
 RT radiations
 RT radioactivity
 RT radioisotopes
 RT well logging equipment

RADIATION STREAMING

UF *streaming (radiation)*
 RT radiations

RADIATION SYNDROME

RT acute irradiation
 RT autonomic nervous system
 RT bone marrow
 RT central nervous system
 RT chronic irradiation
 RT delayed radiation effects
 RT gastrointestinal tract
 RT latency period
 RT lymphatic system
 RT lymphocytes
 RT muscles
 RT radiation injuries

RADIATION TRANSPORT

UF *transport (radiation)*
 NT1 charged-particle transport
 NT2 proton transport
 NT1 neutral-particle transport
 NT2 atom transport
 NT2 neutron transport
 NT2 photon transport
 RT transport theory

RADIATIONLESS DECAY

Emissionless transfer of excited-state energy from one quantum system to another, e.g. between atoms in gas mixtures.

UF *radiationless transitions*
 *BT1 de-excitation
 BT1 energy transfer
 RT fluorescence

radiationless transitions

INIS: 1984-04-04; ETDE: 2002-04-26
 USE radiationless decay

RADIATIONS

NT1 background radiation
 NT1 delta rays
 NT1 electromagnetic radiation
 NT2 auroral hiss
 NT2 blackbody radiation
 NT2 bremsstrahlung
 NT3 cyclotron radiation
 NT3 internal bremsstrahlung
 NT3 undulator radiation
 NT3 synchrotron radiation
 NT2 cherenkov radiation
 NT2 coherent radiation
 NT2 electromagnetic pulses
 NT3 internal electromagnetic pulses
 NT2 gamma radiation
 NT3 delayed gamma radiation
 NT3 prompt gamma radiation
 NT2 helicon waves
 NT2 infrared radiation
 NT3 far infrared radiation
 NT3 intermediate infrared radiation
 NT3 near infrared radiation
 NT2 laser radiation
 NT2 microwave radiation
 NT3 relict radiation
 NT2 monochromatic radiation
 NT2 multipole radiation
 NT2 radiowave radiation
 NT3 long wave radiation
 NT3 medium wave radiation
 NT3 radio noise
 NT4 atmospheric
 NT4 whistlers
 NT3 radioecho
 NT3 short wave radiation
 NT3 solar radio bursts
 NT3 solar radiowave radiation
 NT2 thermal radiation
 NT2 transition radiation
 NT2 ultralow frequency radiation
 NT2 ultraviolet radiation
 NT3 extreme ultraviolet radiation
 NT3 far ultraviolet radiation
 NT3 near ultraviolet radiation
 NT2 visible radiation
 NT2 x radiation
 NT3 hard x radiation
 NT3 soft x radiation
 NT2 zodiacal light
 NT1 gravitational radiation
 NT2 gravitons
 NT1 ionizing radiations
 NT2 alpha particles
 NT3 cosmic alpha particles
 NT3 delayed alpha particles
 NT3 solar alpha particles
 NT2 beta particles
 NT2 cosmic radiation
 NT3 cosmic neutrinos
 NT3 cosmic photons
 NT3 cosmic protons
 NT3 hard component
 NT3 primary cosmic radiation
 NT4 cosmic alpha particles
 NT4 cosmic gamma bursts
 NT4 cosmic nuclei
 NT4 cosmic x-ray bursts
 NT3 secondary cosmic radiation
 NT4 cosmic electrons
 NT4 cosmic kaons
 NT4 cosmic muons
 NT4 cosmic neutrons
 NT4 cosmic pions
 NT4 cosmic positrons
 NT4 cosmic showers
 NT5 extensive air showers
 NT3 soft component
 NT2 gamma radiation

 NT3 delayed gamma radiation
 NT3 prompt gamma radiation
 NT2 skyshine
 NT2 x radiation
 NT3 hard x radiation
 NT3 soft x radiation
 NT1 stellar radiation
 NT2 solar radiation
 NT3 diffuse solar radiation
 NT3 direct solar radiation
 NT3 solar particles
 NT4 solar alpha particles
 NT4 solar electrons
 NT4 solar neutrinos
 NT4 solar neutrons
 NT4 solar protons
 NT3 solar radiowave radiation
 NT1 stray radiation
 RT absorption
 RT biophysics
 RT buildup
 RT dosimetry
 RT irradiation
 RT radiation detection
 RT radiation doses
 RT radiation effects
 RT radiation quality
 RT radiation sources
 RT radiation streaming

radiative capture

USE capture

RADIATIVE COOLING

INIS: 1977-02-08; ETDE: 1975-10-01

BT1 cooling
 RT air conditioning
 RT radiant heat transfer
 RT solar air conditioning

RADIATIVE CORRECTIONS

BT1 corrections
 RT electromagnetic interactions
 RT phi4-field theory
 RT quantum field theory

RADIATIVE DECAY

INIS: 1980-09-12; ETDE: 1978-05-01

Weak or electromagnetic decay involving photons.

*BT1 particle decay
 RT electromagnetic particle decay
 RT weak particle decay

RADIATIVE FORCING

2013-12-13

Difference of radiant energy received by the earth and energy radiated back to space.

UF *net radiation*
 RT albedo
 RT energy balance
 RT insolation
 RT solar flux
 RT tropopause

radiative transfer

INIS: 1984-04-04; ETDE: 2002-04-26

Energy transfer by radiation.
 USE radiant heat transfer

RADIATOR COUNTERS

RT activation detectors
 RT nuclear emulsions
 RT proton recoil detectors
 RT semiconductor detectors

RADIATORS

Limited to heat radiators.

BT1 heat exchangers

RADICALS

1996-07-08

Not to be used for chemical compounds.

UF free radicals

NT1 acyl radicals

NT2 acetyl radicals

NT2 formyl radicals

NT1 alkoxy radicals

NT2 butoxy radicals

NT2 ethoxy radicals

NT2 methoxy radicals

NT1 alkyl radicals

NT2 allyl radicals

NT2 butyl radicals

NT2 dodecyl radicals

NT2 ethyl radicals

NT2 heptyl radicals

NT2 hexyl radicals

NT2 isobutyl radicals

NT2 isopropyl radicals

NT2 methyl radicals

NT2 octyl radicals

NT2 pentyl radicals

NT2 propargyl radicals

NT2 propyl radicals

NT2 vinyl radicals

NT1 aryl radicals

NT2 benzyl radicals

NT2 mesityl radicals

NT2 naphthyl radicals

NT2 phenethyl radicals

NT2 phenyl radicals

NT2 tolyl radicals

NT1 benzoyl radicals

NT1 carbenes

NT1 carbonyl radicals

NT1 carbynes

NT1 dpph

NT1 hydronium radicals

NT1 hydroperoxy radicals

NT1 hydroxyl radicals

NT1 methylene radicals

NT1 nitroxyl radicals

NT1 peroxy radicals

NT1 phenoxy radicals

NT1 phenylene radicals

NT1 picryl radicals

NT1 pyridyl radicals

NT1 sulfhydryl radicals

NT1 superoxide radicals

NT1 thiyl radicals

NT1 vinylidene radicals

RT reaction intermediates

RT scavenging

RADICIDATION*Use of irradiation to destroy microorganisms in food which are detrimental to health.*

UF food irradiation (radiopasteurization)

UF radiopasteurization

BT1 irradiation

*BT1 pasteurization

RT food

RT health hazards

RT ifip

RADIO EQUIPMENT

INIS: 1981-03-10; ETDE: 1976-12-16

UF radio receivers

UF radio transmitters

*BT1 electronic equipment

NT1 heterodyne receivers

NT1 ionosondes

NT1 radio telescopes

RT antennas

RT communications

RT microwave equipment

RT radar

RT radio equipment power supplies

RT radiowave radiation

RT rf systems

RT television

RADIO EQUIPMENT POWER SUPPLIES

2000-04-12

*BT1 power supplies

RT radio equipment

radio frequency quadrupoles

INIS: 1991-10-09; ETDE: 2002-04-26

USE quadrupole linacs

RADIO GALAXIES

BT1 cosmic radio sources

BT1 galaxies

RT quasars

RADIO NOISE

UF cosmic noise

BT1 noise

*BT1 radiowave radiation

NT1 atmospheric

NT1 whistlers

RT background noise

RT interference

radio receivers

INIS: 1981-03-10; ETDE: 1976-12-29

USE radio equipment

radio-receptor assay

INIS: 1984-04-04; ETDE: 2002-04-26

USE radioreceptor assay

RADIO-RELEASE ANALYSIS*Substance to be measured reacts chemically with a converter substance to release a radioactive material.*

UF radiorelease analysis

*BT1 quantitative chemical analysis

RT gas analysis

RT tracer techniques

RADIO TELESCOPES

*BT1 antennas

*BT1 radio equipment

BT1 telescopes

RT interferometers

radio transmitters

INIS: 1981-03-10; ETDE: 1976-12-29

USE radio equipment

RADIOACTIVATION*For activation cross sections see also*

INTEGRAL CROSS SECTIONS.

UF activation (radio)

RT activation analysis

RT labelling

RT neutron capture therapy

RT neutron sources

RADIOACTIVE AEROSOLS

UF radioactive particulates

*BT1 aerosols

RT aerosol monitoring

RT fallout

RT particle resuspension

RT radioactive clouds

radioactive biological wastes

USE biological wastes

USE radioactive wastes

RADIOACTIVE CLOUDS

UF atomic clouds

BT1 clouds

RT accidents

RT aerial monitoring

RT aerosols

RT air

RT earth atmosphere

RT external irradiation

RT fallout

RT nuclear explosions

RT radioactive aerosols

RT radioactivity

RT stacks

RT washout

RT wind

radioactive decontamination

INIS: 1975-11-27; ETDE: 2002-04-26

USE decontamination

RADIOACTIVE EFFLUENTS

UF effluents (radioactive)

*BT1 radioactive wastes

RT chemical effluents

RT gaseous wastes

RT liquid wastes

RT particle resuspension

RT radioactive waste disposal

RT stack disposal

radioactive gaseous wastes

USE gaseous wastes

USE radioactive wastes

RADIOACTIVE ION BEAMS

INIS: 1992-02-26; ETDE: 1992-04-15

*BT1 ion beams

NT1 aluminium 26 beams

NT1 argon 38 beams

NT1 argon 39 beams

NT1 argon 40 beams

NT1 beryllium 10 beams

NT1 beryllium 11 beams

NT1 beryllium 7 beams

NT1 boron 12 beams

NT1 boron 8 beams

NT1 carbon 10 beams

NT1 carbon 11 beams

NT1 carbon 14 beams

NT1 chlorine 39 beams

NT1 helium 6 beams

NT1 helium 8 beams

NT1 lithium 11 beams

NT1 lithium 8 beams

NT1 neon 19 beams

NT1 nitrogen 13 beams

NT1 sulfur 38 beams

NT1 triton beams

NT1 uranium 238 beams

RADIOACTIVE IONIZATION GAGES

*BT1 ionization gages

RADIOACTIVE MATERIALS

BT1 materials

NT1 fission products

NT1 naturally occurring radioactive materials

NT1 radioactive minerals

NT2 baddeleyite

NT2 corvusite

NT2 fersmite

NT2 kainosite

NT2 melanovanadite

NT2 pascoite

NT2 rutile

NT2 thorium minerals

NT3 allanite

NT3 bastnaesite

NT3 brannerite

NT3 ekanite

NT3 freyalite

NT3 hydrothorite

NT3 lodochukite

NT3 lyndochite

NT3 mackintoshite

NT3 maitlandite
 NT3 monazites
 NT3 naegite
 NT3 thorianite
 NT3 thorite
 NT4 jiningite
 NT3 thucholite
 NT3 uranorhorite
 NT2 uranium minerals
 NT3 autunite
 NT3 bassetite
 NT3 becquerelite
 NT3 billietite
 NT3 brannerite
 NT3 carnotite
 NT3 clarkeite
 NT3 coffinite
 NT3 compregnacite
 NT3 dewindtite
 NT3 diderichite
 NT3 djalmaitite
 NT3 ekanite
 NT3 ellsworthite
 NT3 ferghanite
 NT3 fourmarierite
 NT3 gastunite
 NT3 guilleminite
 NT3 hallimondite
 NT3 heinrichite
 NT3 ianthinite
 NT3 kahlerite
 NT3 kirchheimerite
 NT3 lodochnikite
 NT3 mackintoshite
 NT3 moctezumite
 NT3 montroseite
 NT3 naegite
 NT3 natroautunite
 NT3 ningyoite
 NT3 novacekite
 NT3 para-schoepite
 NT3 ranquillite
 NT3 rauvite
 NT3 sabugalite
 NT3 saleeite
 NT3 schoepite
 NT3 sengierite
 NT3 sklodowskite
 NT3 soddyite
 NT3 thorianite
 NT3 thucholite
 NT3 torbernite
 NT3 tyuyamunite
 NT3 uraninates
 NT4 broeggerite
 NT4 pitchblende
 NT3 uranium black
 NT3 uranophane
 NT3 uranorhorite
 NT3 vesuvianite
 NT1 radioactive wastes
 NT2 alpha-bearing wastes
 NT2 calcined wastes
 NT2 high-level radioactive wastes
 NT2 intermediate-level radioactive wastes
 NT2 low-level radioactive wastes
 NT2 radioactive effluents
 NT2 waste forms
 NT1 radiopharmaceuticals
 RT radioactivity
 RT radioisotopes

RADIOACTIVE MINERALS

1996-07-18

UF cordylite
 UF florencite
 BT1 minerals
 *BT1 radioactive materials

NT1 baddeleyite
 NT1 corvusite
 NT1 fersmite
 NT1 kainosite
 NT1 melanovanadite
 NT1 pascoite
 NT1 rutile
 NT1 thorium minerals
 NT2 allanite
 NT2 bastnaesite
 NT2 brannerite
 NT2 ekanite
 NT2 freyalite
 NT2 hydrothorite
 NT2 lodochnikite
 NT2 lyndochite
 NT2 mackintoshite
 NT2 maitlandite
 NT2 monazites
 NT2 naegite
 NT2 thorianite
 NT2 thorite
 NT3 jiningite
 NT2 thucholite
 NT2 uranorhorite
 NT1 uranium minerals
 NT2 autunite
 NT2 bassetite
 NT2 becquerelite
 NT2 billietite
 NT2 brannerite
 NT2 carnotite
 NT2 clarkeite
 NT2 coffinite
 NT2 compregnacite
 NT2 dewindtite
 NT2 diderichite
 NT2 djalmaitite
 NT2 ekanite
 NT2 ellsworthite
 NT2 ferghanite
 NT2 fourmarierite
 NT2 gastunite
 NT2 guilleminite
 NT2 hallimondite
 NT2 heinrichite
 NT2 ianthinite
 NT2 kahlerite
 NT2 kirchheimerite
 NT2 lodochnikite
 NT2 mackintoshite
 NT2 moctezumite
 NT2 montroseite
 NT2 naegite
 NT2 natroautunite
 NT2 ningyoite
 NT2 novacekite
 NT2 para-schoepite
 NT2 ranquillite
 NT2 rauvite
 NT2 sabugalite
 NT2 saleeite
 NT2 schoepite
 NT2 sengierite
 NT2 sklodowskite
 NT2 soddyite
 NT2 thorianite
 NT2 thucholite
 NT2 torbernite
 NT2 tyuyamunite
 NT2 uraninates
 NT3 broeggerite
 NT3 pitchblende
 NT2 uranium black
 NT2 uranophane
 NT2 uranorhorite
 NT2 vesuvianite

radioactive particulates

USE particles
 USE radioactive aerosols

RADIOACTIVE TRACER LOGGING

INIS: 1977-06-14; ETDE: 1976-06-07

Well logging using radioactive tracers for measuring fluid movement and for obtaining source and sink information.

*BT1 radioactivity logging
 *BT1 tracer techniques

radioactive tracers

INIS: 2000-04-12; ETDE: 1981-05-18

SEE radiopharmaceuticals
 SEE tracer techniques

RADIOACTIVE WASTE DISPOSAL

1997-06-19

*BT1 radioactive waste management
 *BT1 waste disposal
 RT actinide burner reactors
 RT backfilling
 RT biointrusion
 RT boom clay
 RT dalhart basin
 RT disposal wells
 RT environmental exposure pathway
 RT fission product release
 RT fuel cycle centers
 RT ground release
 RT marine disposal
 RT natural analogue
 RT novaya zemlya
 RT nuclear waste policy acts
 RT opalinus clay
 RT palo duro basin
 RT paradox basin
 RT pasco basin
 RT permian basin
 RT radioactive effluents
 RT radioactive waste facilities
 RT radioactive waste storage
 RT radioactive wastes
 RT salt caverns
 RT salt deposits
 RT shaft excavations
 RT stack disposal
 RT underground disposal
 RT waste forms
 RT waste-rock interactions
 RT yucca mountain

RADIOACTIVE WASTE FACILITIES

BT1 nuclear facilities
 NT1 asse salt mine
 NT1 aube plant
 NT1 bohunice radioactive waste processing center
 NT1 gorleben salt dome
 NT1 hades underground research facility
 NT1 konrad ore mine
 NT1 manche plant
 NT1 mochovce liquid raw final treatment facility
 NT1 mochovce radioactive waste repository
 NT1 morsleben salt mine
 NT1 pamela plant
 NT1 vaalputs radioactive waste disposal facility
 NT1 wipp
 RT biointrusion
 RT fuel cycle centers
 RT fuel reprocessing plants
 RT radioactive waste disposal
 RT radioactive waste processing
 RT radioactive wastes
 RT storage facilities
 RT waste retrieval

RADIOACTIVE WASTE MANAGEMENT

1990-11-07

- *BT1 waste management
- NT1 radioactive waste disposal
- NT1 radioactive waste processing
- NT2 harvest process
- NT1 radioactive waste storage
- NT2 monitored retrievable storage
- RT compact commissions
- RT radioactive wastes
- RT risk assessment

radioactive waste policy acts

INIS: 1985-09-09; ETDE: 2002-04-26

- USE nuclear waste policy acts

RADIOACTIVE WASTE PROCESSING

- UF aralex process
- UF opix process
- SF medec process
- *BT1 radioactive waste management
- *BT1 waste processing
- NT1 harvest process
- RT accelerator-driven transmutation
- RT calcination
- RT calcined wastes
- RT ceramic melters
- RT encapsulation
- RT fuel cycle centers
- RT iodox process
- RT pamela plant
- RT radioactive waste facilities
- RT radioactive wastes
- RT slagging pyrolysis process
- RT synroc process
- RT vitrification
- RT waste forms

RADIOACTIVE WASTE STORAGE

1996-04-16

- *BT1 radioactive waste management
- *BT1 waste storage
- NT1 monitored retrievable storage
- RT dry storage
- RT fuel cycle centers
- RT harvest process
- RT radioactive waste disposal
- RT us mrs project
- RT wet storage

RADIOACTIVE WASTES

- UF nuclear wastes
- UF radioactive biological wastes
- UF radioactive gaseous wastes
- UF residues (radioactive)
- *BT1 radioactive materials
- BT1 wastes
- NT1 alpha-bearing wastes
- NT1 calcined wastes
- NT1 high-level radioactive wastes
- NT1 intermediate-level radioactive wastes
- NT1 low-level radioactive wastes
- NT1 radioactive effluents
- NT1 waste forms
- RT contamination
- RT fission products
- RT fissionable materials
- RT ground disposal
- RT mill tailings
- RT nuclear materials management
- RT nuclear waste policy acts
- RT radiation hazards
- RT radioactive waste disposal
- RT radioactive waste facilities
- RT radioactive waste management
- RT radioactive waste processing
- RT radiocolloids
- RT radioisotope heat sources

- RT release limits
- RT salt vault project
- RT spent fuels
- RT waste pellets
- RT waste retrieval

RADIOACTIVITY

For measured values of radioactivity and for unidentified radiation sources.

- UF concentrations (radionuclides)
- UF induced radioactivity
- UF radionuclide concentration
- NT1 natural radioactivity
- RT activity levels
- RT annual limit of intake
- RT body burden
- RT contamination
- RT hot labs
- RT maximum inhalation quantity
- RT maximum permissible activity
- RT maximum permissible body burden
- RT maximum permissible intake
- RT maximum permissible level
- RT personnel monitoring
- RT radiation monitoring
- RT radiation monitors
- RT radiation sources
- RT radioactive clouds
- RT radioactive materials
- RT radioactivity range
- RT radioassay
- RT radioecological concentration
- RT radioisotopes
- RT radiometric analysis
- RT radionuclide kinetics
- RT radionuclide metrology
- RT residence half-time
- RT surface contamination
- RT whole-body counting

RADIOACTIVITY LOGGING

INIS: 1976-10-29; ETDE: 1976-06-07

Well logging using either natural or induced nuclear radiation.

- UF nuclear log
- UF radiation logging
- BT1 well logging
- NT1 gamma-gamma logging
- NT1 gamma logging
- NT1 neutron logging
- NT2 neutron-gamma logging
- NT2 neutron-neutron logging
- NT1 radioactive tracer logging
- NT1 x-ray fluorescence logging
- RT radiometric surveys

RADIOACTIVITY RANGE

2012-05-31

- NT1 bq range
- NT2 bq range 01-10
- NT2 bq range 10-100
- NT2 bq range 100-1000
- NT1 giga bq range
- NT1 kilo bq range
- NT2 kilo bq range 01-10
- NT2 kilo bq range 10-100
- NT2 kilo bq range 100-1000
- NT1 mega bq range
- NT2 mega bq range 01-10
- NT2 mega bq range 10-100
- NT2 mega bq range 100-1000
- NT1 milli bq range
- NT1 peta bq range
- NT1 tera bq range
- RT contamination
- RT radiation dose units
- RT radioactivity

RADIOACTIVITY TRANSPORT

INIS: 1976-05-07; ETDE: 1976-08-24

The processes by which radioactive materials move and become deposited throughout a reactor system.

- UF activity transport
- RT contamination

radioapplicators

- USE radiation sources

RADIOASSAY

The measurement of radioactive samples including the identification of unknown samples and the determination of activity or energy.

- NT1 radioimmunodetection
- NT2 radioimmunoassay
- NT2 radioimmunoscintigraphy
- NT1 radioreceptor assay
- RT bioassay
- RT counting techniques
- RT qualitative chemical analysis
- RT radiation monitoring
- RT radioactivity
- RT radioenzymatic assay
- RT spectroscopy

RADIOASTRONOMY

- BT1 astronomy
- RT cosmic radio sources
- RT ghz range
- RT mhz range
- RT solar radio bursts

radioautography

- USE autoradiography

radiobiological effects

- USE biological radiation effects

RADIOBIOLOGY

- BT1 biology
- RT biological radiation effects
- RT biophysics
- RT molecular biology
- RT radiation effects
- RT radiation injuries
- RT radioinduction
- RT radiosensitivity
- RT tracer techniques

radiocarbon dating

- USE carbon 14
- USE isotope dating

RADIOCARDIOGRAPHY

- *BT1 cardiology

radiochemical activation analysis

INIS: 1993-11-09; ETDE: 2002-04-26

Use one of the narrower terms of the descriptor below if appropriate.

- USE activation analysis

RADIOCHEMICAL ANALYSIS

1994-10-13

Quantitative analysis based on a combination of radiochemical and radiometric techniques. (Until October 1994 this concept was indexed to RADIOMETRIC ANALYSIS.)

- *BT1 quantitative chemical analysis
- RT radiometric analysis

radiochemical laboratories

- USE hot labs

RADIOCHEMISTRY

The chemistry of radioactive materials. Not to be used for RADIATION CHEMISTRY.

- UF reactor chemistry
- BT1 chemistry

- NT1 hot atom chemistry
 NT2 szilard-chalmers reaction
 RT emanation method
 RT nuclear chemistry
 RT radiation chemistry

RADIOCHROMATOGRAPHY

- *BT1 chromatography

RADIOCOLLOIDS

- *BT1 colloids
 NT1 thorotrast
 RT gold 198
 RT isotope applications
 RT radioactive wastes
 RT radiopharmaceuticals

radiocrystallography

- USE crystallography

radiodecomposition

- ETDE: 2002-04-26
 USE radiolysis

RADIODERMATITIS

- *BT1 dermatitis
 *BT1 local radiation effects
 *BT1 radiation injuries
 RT radiation burns

radiodiagnosis (radionuclides)

- USE diagnosis
 USE nuclear medicine

RADIODISINFESTATION

- 1980-12-02
 BT1 disinfestation
 BT1 irradiation
 RT grain disinfestation
 RT insects
 RT radiosterilization

RADIOECHO

- *BT1 radiowave radiation

**RADIOECOLOGICAL
CONCENTRATION**

- UF accumulation (radioecological)
 BT1 ecological concentration
 RT biological localization
 RT buildup
 RT concentration ratio
 RT contamination
 RT ecosystems
 RT environmental transport
 RT food chains
 RT radioactivity
 RT radionuclide migration

RADIOECOLOGY

- BT1 ecology
 RT radionuclide migration

radioelectric cells

- ETDE: 2002-04-26
 USE direct collection converters

RADIOEMBOLIZATION

- 2013-07-26
 *BT1 brachytherapy
 RT blood vessels
 RT emboli
 RT liver
 RT neoplasms
 RT radiation source implants

RADIOENZYMATIC ASSAY

- INIS: 1981-09-17; ETDE: 1981-10-24
 RT enzymes
 RT labelled compounds
 RT quantitative chemical analysis
 RT radioassay

radiofrequency systems

- USE rf systems

radiographs

- USE images

radiography (auto)

- USE autoradiography

radiography (biomedical)

- USE biomedical radiography

radiography (industrial)

- USE industrial radiography

radiography (micro)

- INIS: 1983-03-15; ETDE: 1975-10-01
 USE microradiography

RADIOIMMUNOASSAY

- UF ria (radioimmunoassay)
 *BT1 immunoassay
 *BT1 radioimmunoassay
 RT antibodies
 RT antigen-antibody reactions
 RT antigens
 RT cpb
 RT labelled compounds
 RT radioimmunology
 RT radioimmunoscintigraphy
 RT radioisotopes

RADIOIMMUNODETECTION

- INIS: 1995-01-09; ETDE: 1990-01-23
 BT1 diagnostic techniques
 BT1 radioassay
 *BT1 tracer techniques
 NT1 radioimmunoassay
 NT1 radioimmunoscintigraphy
 RT antibodies
 RT labelled compounds
 RT neoplasms

RADIOIMMUNOLOGY

- BT1 immunology
 RT biological radiation effects
 RT grafts
 RT immunity
 RT irradiation
 RT radioimmunoassay
 RT radioimmunotherapy
 RT therapy

RADIOIMMUNOSCINTIGRAPHY

- INIS: 1995-01-09; ETDE: 1987-10-22
 The in vivo use of radiolabelled antibodies to visualize particular biological structures, especially diagnostic use in medicine.
 *BT1 radioimmunoassay
 *BT1 scintiscanning
 RT monoclonal antibodies
 RT radioimmunoassay
 RT radioimmunotherapy

RADIOIMMUNOTHERAPY

- INIS: 1994-02-28; ETDE: 1986-01-14
 (Until March 1994 this concept was indexed by RADIOTHERAPY and IMMUNOTHERAPY.)
 *BT1 immunotherapy
 *BT1 radiotherapy
 RT antibodies
 RT monoclonal antibodies
 RT radioimmunology
 RT radioimmunoscintigraphy

radioinduced reactions

- USE chemical radiation effects

RADIOINDUCTION

- 1994-08-26
 (Until August 1994 this concept was indexed by RADIATION EFFECTS.)
 RT biological radiation effects
 RT radiation injuries
 RT radiobiology

RADIOISOTOPE BATTERIES

- UF batteries (isotopic)
 BT1 direct energy converters
 NT1 snap batteries
 NT2 snap 19 battery
 NT2 snap 27 battery
 NT2 snap 9 battery
 RT cardiac pacemakers
 RT direct collection converters
 RT mechanical heart
 RT radioisotope heat sources
 RT radioisotopes
 RT spacecraft power supplies
 RT thermoelectric generators

RADIOISOTOPE GENERATORS

- UF cow-milkers
 UF generators (radioisotope)
 RT cesium 137
 RT daughter products
 RT decay
 RT diagnostic techniques
 RT germanium 68
 RT half-life
 RT isotope production
 RT isotope separation
 RT magnesium 28
 RT molybdenum 99
 RT strontium 90
 RT tellurium 132
 RT tin 113
 RT yttrium 87

RADIOISOTOPE HEAT SOURCES

- UF heat sources (radioisotope)
 BT1 heat sources
 RT energy
 RT radioactive wastes
 RT radioisotope batteries
 RT thermoelectric generators

radioisotope kinetics

- USE radionuclide kinetics

radioisotope-labelled drugs

- INIS: 2000-04-12; ETDE: 1981-05-18
 USE radiopharmaceuticals

radioisotope migration

- USE radionuclide migration

RADIOISOTOPE SCANNERS

- UF scanners (radioisotope)
 RT gamma cameras
 RT image processing
 RT image scanners
 RT images
 RT positron cameras
 RT radiation detectors
 RT radioisotope scanning

RADIOISOTOPE SCANNING

- UF scanning (radioisotope)
 BT1 counting techniques
 NT1 scintiscanning
 NT2 radioimmunoscintigraphy
 RT cameras
 RT ecat scanning
 RT emission computed tomography
 RT gamma detection
 RT nuclear medicine
 RT positron computed tomography
 RT radioisotope scanners

RT single photon emission computed
tomography
RT tomography

RADIOISOTOPES

UF radionuclides

BT1 isotopes

NT1 alpha decay radioisotopes

NT2 actinium 206
NT2 actinium 207
NT2 actinium 208
NT2 actinium 209
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NT2 americium 231
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NT2 astatine 191
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NT2 berkelium 235
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NT2 beryllium 8
NT2 bismuth 184
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NT2 boron 9
NT2 californium 237
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NT2 copernicium 277
NT2 copernicium 285
NT2 curium 233
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NT2 darmstadtium 267
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NT2 dubnium 255
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NT2 dysprosium 150
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NT2 einsteinium 241
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NT2 europium 147
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NT2 fermium 243
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NT2 francium 222
NT2 francium 223
NT2 gadolinium 148
NT2 gadolinium 149
NT2 gadolinium 150
NT2 gadolinium 151
NT2 gadolinium 152
NT2 gold 171
NT2 gold 172
NT2 gold 173
NT2 gold 174
NT2 gold 175
NT2 gold 176
NT2 gold 177

NT2	gold 178	NT2	lutetium 156	NT2	platinum 166
NT2	gold 179	NT2	lutetium 157	NT2	platinum 167
NT2	gold 181	NT2	lutetium 158	NT2	platinum 168
NT2	gold 183	NT2	lutetium 159	NT2	platinum 169
NT2	gold 184	NT2	meitnerium 266	NT2	platinum 170
NT2	gold 185	NT2	meitnerium 268	NT2	platinum 171
NT2	hafnium 156	NT2	meitnerium 270	NT2	platinum 172
NT2	hafnium 157	NT2	meitnerium 275	NT2	platinum 173
NT2	hafnium 158	NT2	meitnerium 276	NT2	platinum 174
NT2	hafnium 159	NT2	mendelevium 245	NT2	platinum 175
NT2	hafnium 160	NT2	mendelevium 246	NT2	platinum 176
NT2	hafnium 161	NT2	mendelevium 247	NT2	platinum 177
NT2	hafnium 162	NT2	mendelevium 248	NT2	platinum 178
NT2	hafnium 174	NT2	mendelevium 249	NT2	platinum 179
NT2	hassium 263	NT2	mendelevium 250	NT2	platinum 180
NT2	hassium 264	NT2	mendelevium 251	NT2	platinum 181
NT2	hassium 265	NT2	mendelevium 255	NT2	platinum 182
NT2	hassium 266	NT2	mendelevium 256	NT2	platinum 183
NT2	hassium 267	NT2	mendelevium 257	NT2	platinum 184
NT2	hassium 269	NT2	mendelevium 258	NT2	platinum 185
NT2	hassium 270	NT2	mendelevium 259	NT2	platinum 186
NT2	hassium 271	NT2	mercury 171	NT2	platinum 188
NT2	hassium 275	NT2	mercury 172	NT2	platinum 190
NT2	helium 5	NT2	mercury 173	NT2	plutonium 228
NT2	holmium 151	NT2	mercury 174	NT2	plutonium 229
NT2	holmium 152	NT2	mercury 175	NT2	plutonium 230
NT2	holmium 153	NT2	mercury 176	NT2	plutonium 232
NT2	holmium 154	NT2	mercury 177	NT2	plutonium 233
NT2	holmium 155	NT2	mercury 178	NT2	plutonium 234
NT2	iodine 108	NT2	mercury 179	NT2	plutonium 235
NT2	iodine 111	NT2	mercury 180	NT2	plutonium 236
NT2	iridium 164	NT2	mercury 181	NT2	plutonium 237
NT2	iridium 165	NT2	mercury 182	NT2	plutonium 238
NT2	iridium 166	NT2	mercury 183	NT2	plutonium 239
NT2	iridium 167	NT2	mercury 184	NT2	plutonium 240
NT2	iridium 168	NT2	mercury 185	NT2	plutonium 241
NT2	iridium 169	NT2	mercury 186	NT2	plutonium 242
NT2	iridium 170	NT2	mercury 187	NT2	plutonium 244
NT2	iridium 171	NT2	mercury 188	NT2	polonium 186
NT2	iridium 172	NT2	moscovium 287	NT2	polonium 187
NT2	iridium 173	NT2	moscovium 288	NT2	polonium 188
NT2	iridium 174	NT2	neodymium 144	NT2	polonium 189
NT2	iridium 175	NT2	neptunium 225	NT2	polonium 190
NT2	iridium 176	NT2	neptunium 226	NT2	polonium 191
NT2	iridium 177	NT2	neptunium 227	NT2	polonium 192
NT2	lawrencium 251	NT2	neptunium 229	NT2	polonium 193
NT2	lawrencium 252	NT2	neptunium 230	NT2	polonium 194
NT2	lawrencium 253	NT2	neptunium 231	NT2	polonium 195
NT2	lawrencium 254	NT2	neptunium 233	NT2	polonium 196
NT2	lawrencium 255	NT2	neptunium 235	NT2	polonium 197
NT2	lawrencium 256	NT2	neptunium 237	NT2	polonium 198
NT2	lawrencium 257	NT2	nihonium 278	NT2	polonium 199
NT2	lawrencium 258	NT2	nihonium 283	NT2	polonium 200
NT2	lawrencium 259	NT2	nihonium 284	NT2	polonium 201
NT2	lawrencium 260	NT2	nobelium 251	NT2	polonium 202
NT2	lawrencium 264	NT2	nobelium 252	NT2	polonium 203
NT2	lawrencium 265	NT2	nobelium 253	NT2	polonium 204
NT2	lawrencium 266	NT2	nobelium 254	NT2	polonium 205
NT2	lead 178	NT2	nobelium 255	NT2	polonium 206
NT2	lead 180	NT2	nobelium 256	NT2	polonium 207
NT2	lead 181	NT2	nobelium 257	NT2	polonium 208
NT2	lead 182	NT2	nobelium 259	NT2	polonium 209
NT2	lead 183	NT2	nobelium 260	NT2	polonium 210
NT2	lead 184	NT2	oganesson 294	NT2	polonium 211
NT2	lead 185	NT2	osmium 161	NT2	polonium 212
NT2	lead 186	NT2	osmium 162	NT2	polonium 213
NT2	lead 187	NT2	osmium 163	NT2	polonium 214
NT2	lead 188	NT2	osmium 164	NT2	polonium 215
NT2	lead 189	NT2	osmium 165	NT2	polonium 216
NT2	lead 190	NT2	osmium 166	NT2	polonium 217
NT2	lead 191	NT2	osmium 167	NT2	polonium 218
NT2	lead 192	NT2	osmium 168	NT2	promethium 145
NT2	lead 210	NT2	osmium 169	NT2	protactinium 212
NT2	lithium 5	NT2	osmium 170	NT2	protactinium 213
NT2	livermorium 290	NT2	osmium 171	NT2	protactinium 214
NT2	livermorium 291	NT2	osmium 172	NT2	protactinium 215
NT2	livermorium 292	NT2	osmium 173	NT2	protactinium 216
NT2	livermorium 293	NT2	osmium 174	NT2	protactinium 217
NT2	lutetium 155	NT2	osmium 186	NT2	protactinium 218

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 NT2 uranium 217
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 NT2 uranium 233
 NT2 uranium 234
 NT2 uranium 235
 NT2 uranium 236
 NT2 uranium 238
 NT2 xenon 109
 NT2 xenon 110
 NT2 xenon 111
 NT2 xenon 112
 NT2 ytterbium 154
 NT2 ytterbium 155
 NT2 ytterbium 156
 NT2 ytterbium 157
 NT2 ytterbium 158
 NT1 beta decay radioisotopes
 NT2 beta-minus decay radioisotopes
 NT3 actinium 226
 NT3 actinium 227
 NT3 actinium 228
 NT3 actinium 229
 NT3 actinium 230
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 NT3 actinium 232
 NT3 actinium 233
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 NT3 aluminium 28
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 NT3 aluminium 40
 NT3 aluminium 41
 NT3 aluminium 42
 NT3 americium 242
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NT2	lanthanum 121	NT2	niobium 103	NT2	promethium 128
NT2	lanthanum 122	NT2	niobium 104	NT2	promethium 129
NT2	lanthanum 123	NT2	niobium 105	NT2	promethium 130
NT2	lanthanum 124	NT2	niobium 106	NT2	promethium 131
NT2	lanthanum 144	NT2	niobium 83	NT2	promethium 132
NT2	lanthanum 145	NT2	niobium 84	NT2	promethium 133
NT2	lanthanum 146	NT2	niobium 85	NT2	promethium 134
NT2	lanthanum 147	NT2	niobium 90	NT2	promethium 135
NT2	lanthanum 148	NT2	niobium 97	NT2	promethium 140
NT2	lanthanum 149	NT2	niobium 98	NT2	promethium 142
NT2	lawrencium 252	NT2	niobium 99	NT2	promethium 155
NT2	lawrencium 253	NT2	nitrogen 16	NT2	promethium 156
NT2	lawrencium 254	NT2	nitrogen 17	NT2	promethium 157
NT2	lawrencium 255	NT2	nobelium 252	NT2	promethium 158
NT2	lawrencium 256	NT2	nobelium 254	NT2	promethium 159
NT2	lawrencium 258	NT2	nobelium 256	NT2	protactinium 225
NT2	lawrencium 259	NT2	nobelium 257	NT2	radium 207
NT2	lead 185	NT2	osmium 168	NT2	radium 208
NT2	lead 186	NT2	osmium 169	NT2	radium 209
NT2	lead 187	NT2	osmium 170	NT2	radium 210
NT2	lead 188	NT2	osmium 171	NT2	radium 211
NT2	lead 189	NT2	osmium 172	NT2	radium 212
NT2	lead 203	NT2	osmium 173	NT2	radium 214
NT2	lutetium 154	NT2	osmium 174	NT2	radium 221
NT2	lutetium 157	NT2	osmium 192	NT2	radium 222
NT2	lutetium 158	NT2	osmium 199	NT2	radium 233
NT2	lutetium 159	NT2	osmium 200	NT2	radium 234
NT2	lutetium 160	NT2	oxygen 19	NT2	radon 200
NT2	lutetium 183	NT2	oxygen 20	NT2	radon 201
NT2	lutetium 184	NT2	oxygen 21	NT2	radon 202
NT2	magnesium 22	NT2	oxygen 22	NT2	radon 203
NT2	magnesium 23	NT2	palladium 107	NT2	radon 219
NT2	magnesium 29	NT2	palladium 115	NT2	radon 220
NT2	manganese 58	NT2	palladium 116	NT2	radon 227
NT2	manganese 59	NT2	palladium 117	NT2	radon 228
NT2	manganese 60	NT2	palladium 118	NT2	rhenium 165
NT2	meitnerium 271	NT2	palladium 93	NT2	rhenium 166
NT2	meitnerium 272	NT2	palladium 94	NT2	rhenium 167
NT2	meitnerium 273	NT2	palladium 95	NT2	rhenium 168
NT2	meitnerium 274	NT2	phosphorus 29	NT2	rhenium 169
NT2	mendelevium 247	NT2	phosphorus 34	NT2	rhenium 170
NT2	mendelevium 248	NT2	phosphorus 35	NT2	rhenium 171
NT2	mendelevium 249	NT2	phosphorus 36	NT2	rhenium 172
NT2	mendelevium 250	NT2	phosphorus 37	NT2	rhenium 192
NT2	mercury 179	NT2	platinum 175	NT2	rhenium 194
NT2	mercury 180	NT2	platinum 176	NT2	rhenium 195
NT2	mercury 181	NT2	platinum 177	NT2	rhenium 196
NT2	mercury 182	NT2	platinum 178	NT2	rhodium 104
NT2	mercury 183	NT2	platinum 179	NT2	rhodium 105
NT2	mercury 184	NT2	platinum 180	NT2	rhodium 106
NT2	mercury 185	NT2	platinum 181	NT2	rhodium 108
NT2	molybdenum 105	NT2	platinum 183	NT2	rhodium 110
NT2	molybdenum 106	NT2	platinum 199	NT2	rhodium 111
NT2	molybdenum 107	NT2	plutonium 229	NT2	rhodium 112
NT2	molybdenum 108	NT2	polonium 195	NT2	rhodium 113
NT2	molybdenum 110	NT2	polonium 196	NT2	rhodium 114
NT2	molybdenum 86	NT2	polonium 197	NT2	rhodium 117
NT2	molybdenum 87	NT2	polonium 203	NT2	rhodium 90
NT2	neodymium 127	NT2	polonium 207	NT2	rhodium 91
NT2	neodymium 129	NT2	polonium 211	NT2	rhodium 92
NT2	neodymium 130	NT2	polonium 212	NT2	rhodium 93
NT2	neodymium 131	NT2	polonium 217	NT2	rhodium 94
NT2	neodymium 137	NT2	potassium 37	NT2	roentgenium 280
NT2	neodymium 153	NT2	potassium 38	NT2	rubidium 75
NT2	neodymium 154	NT2	potassium 47	NT2	rubidium 76
NT2	neodymium 155	NT2	potassium 48	NT2	rubidium 80
NT2	neodymium 156	NT2	potassium 49	NT2	rubidium 91
NT2	neon 18	NT2	praseodymium 124	NT2	rubidium 92
NT2	neon 19	NT2	praseodymium 125	NT2	rubidium 93
NT2	neon 23	NT2	praseodymium 126	NT2	rubidium 94
NT2	nickel 67	NT2	praseodymium 127	NT2	ruthenium 109
NT2	nickel 69	NT2	praseodymium 128	NT2	ruthenium 110
NT2	nickel 70	NT2	praseodymium 129	NT2	ruthenium 111
NT2	nickel 71	NT2	praseodymium 130	NT2	ruthenium 112
NT2	nickel 72	NT2	praseodymium 150	NT2	ruthenium 113
NT2	nickel 74	NT2	praseodymium 151	NT2	ruthenium 89
NT2	niobium 100	NT2	praseodymium 152	NT2	ruthenium 90
NT2	niobium 101	NT2	praseodymium 153	NT2	ruthenium 91
NT2	niobium 102	NT2	praseodymium 154	NT2	ruthenium 93

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NT2	dubnium 259	NT2	uranium 234	NT2	niobium 92
NT2	dubnium 260	NT2	uranium 235	NT2	niobium 93
NT2	dubnium 261	NT2	uranium 236	NT2	niobium 94
NT2	dubnium 262	NT2	uranium 238	NT2	osmium 186
NT2	dubnium 263	NT1	years living radioisotopes	NT2	osmium 194
NT2	dubnium 267	NT2	actinium 227	NT2	palladium 107
NT2	dubnium 268	NT2	aluminium 26	NT2	platinum 190
NT2	einsteinium 253	NT2	americium 241	NT2	platinum 193
NT2	einsteinium 254	NT2	americium 242	NT2	plutonium 236
NT2	einsteinium 255	NT2	americium 243	NT2	plutonium 238
NT2	einsteinium 257	NT2	antimony 125	NT2	plutonium 239
NT2	fermium 241	NT2	argon 39	NT2	plutonium 240
NT2	fermium 242	NT2	argon 42	NT2	plutonium 241
NT2	fermium 244	NT2	barium 133	NT2	plutonium 242
NT2	fermium 246	NT2	berkelium 247	NT2	plutonium 244
NT2	fermium 248	NT2	beryllium 10	NT2	polonium 208
NT2	fermium 250	NT2	bismuth 207	NT2	polonium 209
NT2	fermium 252	NT2	bismuth 208	NT2	potassium 40
NT2	fermium 254	NT2	bismuth 210	NT2	promethium 144
NT2	fermium 255	NT2	cadmium 109	NT2	promethium 145
NT2	fermium 256	NT2	cadmium 113	NT2	promethium 146
NT2	fermium 257	NT2	calcium 41	NT2	promethium 147
NT2	fermium 258	NT2	californium 249	NT2	protactinium 231
NT2	fermium 259	NT2	californium 250	NT2	radium 226
NT2	fermium 260	NT2	californium 251	NT2	radium 228
NT2	fermium 264	NT2	californium 252	NT2	rhenium 186
NT2	flerovium 286	NT2	carbon 14	NT2	rhenium 187
NT2	hassium 264	NT2	cesium 134	NT2	rhodium 101
NT2	hassium 265	NT2	cesium 135	NT2	rubidium 87
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NT2	mendelevium 245	NT2	chlorine 36	NT2	samarium 146
NT2	mendelevium 246	NT2	cobalt 60	NT2	samarium 147
NT2	mendelevium 259	NT2	curium 243	NT2	samarium 148
NT2	neptunium 237	NT2	curium 244	NT2	samarium 151
NT2	nobelium 250	NT2	curium 245	NT2	selenium 79
NT2	nobelium 252	NT2	curium 246	NT2	silicon 32
NT2	nobelium 254	NT2	curium 247	NT2	silver 108
NT2	nobelium 256	NT2	curium 248	NT2	sodium 22
NT2	nobelium 258	NT2	curium 250	NT2	strontium 90
NT2	plutonium 235	NT2	dysprosium 154	NT2	tantalum 179
NT2	plutonium 236	NT2	einsteinium 252	NT2	technetium 97
NT2	plutonium 237	NT2	europium 150	NT2	technetium 98
NT2	plutonium 238	NT2	europium 152	NT2	technetium 99
NT2	plutonium 239	NT2	europium 154	NT2	tellurium 123
NT2	plutonium 240	NT2	europium 155	NT2	terbium 157
NT2	plutonium 241	NT2	gadolinium 148	NT2	terbium 158
NT2	plutonium 242	NT2	gadolinium 150	NT2	thallium 204
NT2	plutonium 243	NT2	gadolinium 152	NT2	thorium 228
NT2	plutonium 244	NT2	hafnium 172	NT2	thorium 229
NT2	rutherfordium 253	NT2	hafnium 174	NT2	thorium 230
NT2	rutherfordium 254	NT2	hafnium 178	NT2	thorium 232
NT2	rutherfordium 255	NT2	hafnium 182	NT2	thulium 171
NT2	rutherfordium 256	NT2	holmium 163	NT2	tin 121
NT2	rutherfordium 257	NT2	holmium 166	NT2	tin 126
NT2	rutherfordium 258	NT2	indium 115	NT2	titanium 44
NT2	rutherfordium 259	NT2	iodine 129	NT2	tritium
NT2	rutherfordium 260	NT2	iridium 192	NT2	uranium 232
NT2	rutherfordium 261	NT2	iron 55	NT2	uranium 233
NT2	rutherfordium 262	NT2	iron 60	NT2	uranium 234
NT2	rutherfordium 263	NT2	krypton 81	NT2	uranium 235
NT2	rutherfordium 267	NT2	krypton 85	NT2	uranium 236
NT2	seaborgium 258	NT2	lanthanum 137	NT2	uranium 238
NT2	seaborgium 259	NT2	lanthanum 138	NT2	vanadium 50
NT2	seaborgium 260	NT2	lead 202	NT2	zirconium 93
NT2	seaborgium 261	NT2	lead 205	RT	biological localization
NT2	seaborgium 262	NT2	lead 210	RT	carrier-free isotopes
NT2	seaborgium 263	NT2	lutetium 173	RT	carriers
NT2	seaborgium 264	NT2	lutetium 174	RT	natural occurrence
NT2	seaborgium 265	NT2	lutetium 176	RT	nuclear medicine
NT2	seaborgium 266	NT2	manganese 53	RT	radiation sources
NT2	seaborgium 268	NT2	mercury 194	RT	radioactive materials
NT2	seaborgium 270	NT2	molybdenum 93	RT	radioactivity
NT2	seaborgium 271	NT2	neodymium 144	RT	radioimmunoassay
NT2	seaborgium 272	NT2	neptunium 235	RT	radioisotope batteries
NT2	seaborgium 273	NT2	neptunium 236	RT	radionuclide administration
NT2	thorium 230	NT2	neptunium 237	RT	radionuclide kinetics
NT2	thorium 232	NT2	nickel 59	RT	radionuclide metrology
NT2	uranium 232	NT2	nickel 63	RT	radionuclide migration
NT2	uranium 233	NT2	niobium 91	RT	radiopharmaceuticals

RADIOLOGICAL DISPERSAL DEVICES

2009-09-08

Devices or mechanisms that spread radioactive material by detonating explosives or by other means, with the intention to kill and/or cause disruption in a city or nation.

UF dirty bombs
BT1 weapons
RT biological radiation effects
RT contamination
RT national security
RT radiological warfare

RADIOLOGICAL PERSONNEL

*BT1 medical personnel
RT biomedical radiography
RT industrial radiography

radiological protection

USE radiation protection

RADIOLOGICAL WARFARE

INIS: 1992-03-16; ETDE: 1987-07-09

Employment of agents or weapons to produce casualties by means of ionizing radiations, as distinguished from blast or thermal effects.

BT1 warfare
RT enhanced radiation weapons
RT radiological dispersal devices

RADIOLOGY

For the use of radiant energy in medicine.

*BT1 nuclear medicine
NT1 biomedical radiography
NT2 fluoroscopy
NT2 ionographic imaging
NT2 osteodensitometry
NT2 renography
NT1 radiotherapy
NT2 afterloading
NT2 brachytherapy
NT3 radioembolization
NT2 ct-guided radiotherapy
NT2 external beam radiation therapy
NT2 neutron therapy
NT3 neutron capture therapy
NT2 radioimmunotherapy
RT diagnosis
RT diagnostic techniques

RADIOLUMINESCENCE

*BT1 luminescence
NT1 radiothermoluminescence
RT scintillations

RADIOLYSIS

UF damage (radiation, chemical)
UF degradation (radioinduced)
UF radiation damage (chemical)
UF radiodecomposition
*BT1 chemical radiation effects
*BT1 decomposition
NT1 autoradiolysis
RT dissociation
RT g value
RT photolysis
RT radiation chemistry

RADIOMETERS

*BT1 radiation detectors
RT heterodyne receivers
RT pyranometers

RADIOMETRIC ANALYSIS

Quantitative analysis for a radioactive component with known specific activity, based on measurement of its absolute disintegration rate.

*BT1 quantitative chemical analysis
RT radiation scattering analysis

RT radioactivity
RT radiochemical analysis

RADIOMETRIC GAGES

UF beta backscattering gages
BT1 measuring instruments
NT1 electron-capture detectors
RT densimeters
RT level indicators
RT moisture gages
RT nondestructive testing
RT radiometric sorting
RT sedimentometers
RT thickness gages

RADIOMETRIC SORTING

BT1 sorting
RT ore processing
RT radiometric gages

RADIOMETRIC SURVEYS

INIS: 1978-11-24; ETDE: 1978-02-14

*BT1 geophysical surveys
RT aerial prospecting
RT exploration
RT gamma spectroscopy
RT radioactivity logging
RT uranium deposits

RADIOMIMETIC DRUGS

BT1 drugs
NT1 neocarcinostatin
RT antimitotic drugs
RT carcinogens
RT dna adducts
RT mutagens

RADIONUCLIDE ADMINISTRATION

RT blood-plasma clearance
RT inhalation
RT injection
RT intake
RT intratracheal administration
RT oral administration
RT radioisotopes
RT radionuclide kinetics

radionuclide concentration

USE radioactivity

radionuclide distributions

USE radionuclide kinetics

RADIONUCLIDE KINETICS

For radionuclides in living organisms only; see also TRANSLOCATION.

UF contamination (internal)
UF internal contamination
UF radioisotope kinetics
UF radionuclide distributions
UF radionuclide metabolism
UF radionuclide transfer (in organisms)
UF radionuclide turnover
UF transfer (in organism)
UF transfer (radionuclides in organisms)
UF transport (in organisms)
UF transport (radionuclides in biological systems)
UF transport (radionuclides in organisms)
UF turnover (radionuclides)
BT1 kinetics
RT biological half-life
RT biological hot spots
RT biological localization
RT biophysics
RT blood-plasma clearance
RT body burden
RT bone seekers
RT carriers
RT compartments

RT concentration ratio
RT critical organs
RT dose commitments
RT dynamic function studies
RT excretion
RT intake
RT internal irradiation
RT metabolism
RT nonuniform irradiation
RT personnel monitoring
RT radioactivity
RT radioisotopes
RT radionuclide administration
RT retention
RT retention functions
RT tissue distribution
RT tracer techniques
RT unsealed sources
RT uptake
RT whole-body counting

radionuclide metabolism

USE radionuclide kinetics

RADIONUCLIDE METROLOGY

2017-03-23

BT1 metrology
RT radioactivity
RT radioisotopes

RADIONUCLIDE MIGRATION

In environment.

UF migration (radionuclide)
UF radioisotope migration
UF radionuclide transfer (in environment)
UF transfer (environmental radionuclides)
UF transfer (in environment)
UF transport (environmental radionuclides)

*BT1 environmental transport
RT backfilling
RT biological availability
RT clays
RT diffusion
RT ecosystems
RT environment
RT environmental exposure pathway
RT fallout deposits
RT food chains
RT ground water
RT irrigation
RT natural analogue
RT particle resuspension
RT radioecological concentration
RT radioecology
RT radioisotopes
RT soils
RT tracer techniques
RT transfrontier contamination
RT translocation

radionuclide transfer (in environment)

1993-11-09

USE radionuclide migration

radionuclide transfer (in organisms)

1993-11-09

USE radionuclide kinetics

radionuclide turnover

USE radionuclide kinetics

radionuclides

USE radioisotopes

radiopasteurization

(Prior to July 1985, this was a valid ETDE descriptor.)

USE radication

RADIOPHARMACEUTICALS

1996-10-23

UF radioisotope-labelled drugs

SF radioactive tracers

BT1 drugs

BT1 labelled compounds

*BT1 radioactive materials

RT biological localization

RT brachytherapy

RT bromosulphophthalein

RT cpb

RT diagnosis

RT dual-isotope subtraction technique

RT dynamic function studies

RT ecat scanning

RT methyl tyrosine

RT mibg

RT microspheres

RT nuclear medicine

RT radiocolloids

RT radioisotopes

RT scintiscanning

RT tracer techniques

radiophotoluminescent dosimeters

USE rpl dosimeters

radiopolymerization

USE chemical radiation effects

USE polymerization

RADIOPRESERVATION

1985-07-19

(Prior to August 1985 RADURIZATION was used.)

BT1 irradiation

BT1 preservation

NT1 radurization

RT food

RT food processing

RT storage life

RADIOPROTECTIVE SUBSTANCES

1996-10-23

(Prior to August 1996 ROYAL JELLY was a valid ETDE descriptor.)

UF cytriphos

UF dose reduction factor

UF dose relative factor

UF drf

UF ethyrone

UF ethyroneethyl phosphinate

UF pentacyn

SF royal jelly

SF tumor necrosis factor

BT1 drugs

BT1 response modifying factors

NT1 beta-aminoethyl isothiurea

NT1 cystamine

NT1 cystaphos

NT1 cysteamine

NT1 dimercaprol

NT1 dtpa

NT1 gammaphos

NT1 glutathione

NT1 hydroxytryptophan

NT1 kallikrein

NT1 mercaptoethylguanidine

NT1 mercaptopropylamine

NT1 mexamine

NT1 mpg

NT1 penicillamine

NT1 serotonin

NT2 bufotenine

RT radiation protection

RT radiosensitivity effects

RADIORECEPTOR ASSAY

1980-05-14

UF radio-receptor assay

UF rra

BT1 radioassay

*BT1 tracer techniques

RT bioassay

RT cell membranes

RT receptors

radiorelease analysis

INIS: 1984-07-20; ETDE: 2002-04-26

USE radio-release analysis

radioresistance

USE radiosensitivity

radioresistant

2015-08-14

USE radiosensitivity

RADIOSENSITIVITY

UF radioresistance

UF radioresistant

BT1 sensitivity

RT biological radiation effects

RT dose-response relationships

RT radiation effects

RT radiobiology

RT radiosensitivity effects

RT radiosensitizers

RT response modifying factors

RT survival curves

RADIOSENSITIVITY EFFECTS

RT bystander effects

RT radioprotective substances

RT radiosensitivity

RT radiosensitizers

RADIOSENSITIZERS

1996-10-22

BT1 drugs

BT1 response modifying factors

NT1 fudr

NT1 metronidazole

NT1 misonidazole

NT1 nem

NT1 triacetoneamine-n-oxyl

RT antimetabolic drugs

RT radiosensitivity

RT radiosensitivity effects

RADIOSTERILIZATION

1985-07-19

(Prior to August 1985 STERILIZATION was used for the radiosterilization of non-food items.)

BT1 irradiation

BT1 sterilization

NT1 radappertization

RT isomed

RT radiodisinfestation

RT sterile insect release

RT sterile male technique

radiosterilization (food)

ETDE: 1995-05-05

USE radappertization

radiosurgery

USE radiotherapy

USE surgery

RADIOTHERAPY

UF contact radiotherapy

UF high energy radiotherapy

UF plesiotherapy

UF radiosurgery

UF supervoltage radiotherapy

UF teletherapy

*BT1 radiology

*BT1 therapy

NT1 afterloading

NT1 brachytherapy

NT2 radioembolization

NT1 ct-guided radiotherapy

NT1 external beam radiation therapy

NT1 neutron therapy

NT2 neutron capture therapy

NT1 radioimmunotherapy

RT anticonvulsants

RT collimators

RT combined therapy

RT cumulative radiation effects

RT depth dose distributions

RT equivalent radiation doses

RT fractionated irradiation

RT irradiation

RT isodose curves

RT jinr phasotron

RT pbi

RT phantoms

RT radiation source implants

RADIOTHERMOLUMINESCENCE

INIS: 1980-12-01; ETDE: 1981-01-09

*BT1 radioluminescence

*BT1 thermoluminescence

radiothorium

USE thorium 228

RADIOTOXINS

RT abscopal radiation effects

RT toxins

RADIOWAVE RADIATION

1996-06-28

UF decimeter wave radiation (1-3 dm)

UF decimeter wave radiation (3-10dm)

UF meter wave radiation

UF shf radiation

UF super high frequency radiation

UF uhf radiation (01-100 ghz)

UF uhf radiation (100-1000 mhz)

UF uhf radiation (lower range)

UF uhf radiation (upper range)

UF ultrahigh frequency radiation (01-100 ghz)

UF ultrahigh frequency radiation (100-1000 mhz)

UF ultrahigh frequency radiation (lower range)

UF ultrahigh frequency radiation (upper range)

UF very high frequency radiation

UF vhf radiation

*BT1 electromagnetic radiation

NT1 long wave radiation

NT1 medium wave radiation

NT1 radio noise

NT2 atmospherics

NT2 whistlers

NT1 radioecho

NT1 short wave radiation

NT1 solar radio bursts

NT1 solar radiowave radiation

RT cosmic radio sources

RT critical frequency

RT polar-cap absorption

RT radar

RT radio equipment

RT rf systems

RT signal distortion

RADISHES

*BT1 magnoliopsida

*BT1 vegetables

RT brassica

RADIUM

- *BT1 alkaline earth metals
- RT* natural radioactivity

RADIUM 201

- 2007-11-22*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes

RADIUM 202

- 2007-11-22*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes

RADIUM 203

- 2007-11-22*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 204

- 2007-11-22*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 205

- INIS: 1988-04-15; ETDE: 1988-05-23*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 206

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 207

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 seconds living radioisotopes

RADIUM 208

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 seconds living radioisotopes

RADIUM 209

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 seconds living radioisotopes

RADIUM 210

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 seconds living radioisotopes

RADIUM 211

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes

- *BT1 seconds living radioisotopes

RADIUM 212

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 seconds living radioisotopes

RADIUM 213

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 radium isotopes

RADIUM 214

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 seconds living radioisotopes

RADIUM 215

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 216

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 217

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 218

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 219

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 220

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radium isotopes

RADIUM 221

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 seconds living radioisotopes

RADIUM 222

- *BT1 alpha decay radioisotopes
- *BT1 carbon 14 decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes

- *BT1 seconds living radioisotopes

RADIUM 223

- UF actinium x*
- *BT1 alpha decay radioisotopes
- *BT1 carbon 14 decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes

RADIUM 224

- UF thorium x*
- *BT1 alpha decay radioisotopes
- *BT1 carbon 14 decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes

RADIUM 225

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 radium isotopes

RADIUM 226

- *BT1 alpha decay radioisotopes
- *BT1 carbon 14 decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 years living radioisotopes

RADIUM 226 TARGET

- ETDE: 1976-07-09*
- BT1 targets

RADIUM 227

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radium isotopes

RADIUM 228

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 radium isotopes
- *BT1 years living radioisotopes

RADIUM 229

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radium isotopes

RADIUM 230

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 radium isotopes

RADIUM 231

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radium isotopes

RADIUM 232

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radium isotopes

RADIUM 233

- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 seconds living radioisotopes

RADIUM 234

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radium isotopes
- *BT1 seconds living radioisotopes

radium a

- USE polonium 218

radium additions

2000-04-12

(Prior to August 1993 this was a valid ETDE descriptor.)

- USE alloys
- USE radium compounds

radium b

- USE lead 214

RADIUM BROMIDES

- *BT1 bromides
- *BT1 radium halides

radium c

- USE bismuth 214

radium c/

- USE polonium 214

radium c//

- USE thallium 210

RADIUM CARBONATES

1996-07-08

(From June 1996 to November 2007 RADIUM COMPOUNDS + CARBONATES was used for this concept.)

- *BT1 carbonates
- *BT1 radium compounds

RADIUM CHLORIDES

- *BT1 chlorides
- *BT1 radium halides

RADIUM COMPLEXES

- *BT1 alkaline earth metal complexes

RADIUM COMPOUNDS

1997-06-19

- UF radium additions
- BT1 alkaline earth metal compounds
- NT1 radium carbonates
- NT1 radium halides
- NT2 radium bromides
- NT2 radium chlorides
- NT2 radium fluorides
- NT1 radium nitrates
- NT1 radium nitrides
- NT1 radium oxides
- NT1 radium silicates
- NT1 radium sulfates

radium d

- USE lead 210

radium e

- USE bismuth 210

radium e//

- USE thallium 206

radium f

- USE polonium 210

RADIUM FLUORIDES

1996-07-08

(From June 1996 to February 2008 RADIUM COMPOUNDS + FLUORIDES was used for this concept.)

- *BT1 fluorides
- *BT1 radium halides

radium g

- USE lead 206

RADIUM HALIDES

2008-02-07

- *BT1 halides
- *BT1 radium compounds
- NT1 radium bromides
- NT1 radium chlorides
- NT1 radium fluorides

RADIUM IONS

- *BT1 ions

RADIUM ISOTOPES

1999-02-01

- *BT1 alkaline earth isotopes
- NT1 radium 201
- NT1 radium 202
- NT1 radium 203
- NT1 radium 204
- NT1 radium 205
- NT1 radium 206
- NT1 radium 207
- NT1 radium 208
- NT1 radium 209
- NT1 radium 210
- NT1 radium 211
- NT1 radium 212
- NT1 radium 213
- NT1 radium 214
- NT1 radium 215
- NT1 radium 216
- NT1 radium 217
- NT1 radium 218
- NT1 radium 219
- NT1 radium 220
- NT1 radium 221
- NT1 radium 222
- NT1 radium 223
- NT1 radium 224
- NT1 radium 225
- NT1 radium 226
- NT1 radium 227
- NT1 radium 228
- NT1 radium 229
- NT1 radium 230
- NT1 radium 231
- NT1 radium 232
- NT1 radium 233
- NT1 radium 234
- RT bone seekers

RADIUM NITRATES

INIS: 2000-04-12; ETDE: 1976-03-11

- *BT1 nitrates
- *BT1 radium compounds

RADIUM NITRIDES

INIS: 2000-04-12; ETDE: 1994-08-10

- *BT1 nitrides
- *BT1 radium compounds

RADIUM OXIDES

INIS: 2000-04-12; ETDE: 1976-03-11

- *BT1 oxides
- *BT1 radium compounds

RADIUM SILICATES

INIS: 2000-04-12; ETDE: 1976-03-11

(From January 1993 to November 2007 RADIUM COMPOUNDS + SILICATES was used for this concept.)

- *BT1 radium compounds
- *BT1 silicates

RADIUM SULFATES

- *BT1 radium compounds
- *BT1 sulfates

RADON

- *BT1 rare gases
- RT natural radioactivity

RADON 193

2007-04-19

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radon isotopes

RADON 194

2007-04-19

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 radon isotopes

RADON 195

2007-04-19

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radon isotopes

RADON 196

INIS: 1992-09-23; ETDE: 1978-12-28

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes

RADON 197

INIS: 1995-10-03; ETDE: 1995-09-22

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 radon isotopes

RADON 198

2007-04-19

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radon isotopes

RADON 199

INIS: 1980-11-07; ETDE: 1978-09-11

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radon isotopes

RADON 200

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes
- *BT1 seconds living radioisotopes

RADON 201

- *BT1 alpha decay radioisotopes

- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes
- *BT1 seconds living radioisotopes

RADON 202

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes
- *BT1 seconds living radioisotopes

RADON 203

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes
- *BT1 seconds living radioisotopes

RADON 204

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 205

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 206

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 207

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 208

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 209

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 210

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 radon isotopes

RADON 211

- *BT1 alpha decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 radon isotopes

RADON 212

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 213

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radon isotopes

RADON 214

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 radon isotopes

RADON 215

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 radon isotopes

RADON 216

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 radon isotopes

RADON 217

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 radon isotopes

RADON 218

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 radon isotopes

RADON 219

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes
- *BT1 seconds living radioisotopes

RADON 220

- UF* *thoron*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes
- *BT1 seconds living radioisotopes

RADON 221

- *BT1 alpha decay radioisotopes
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 222

- *BT1 alpha decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes

RADON 223*1983-09-01*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 224

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 radon isotopes

RADON 225

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 226

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 radon isotopes

RADON 227*INIS: 1987-01-28; ETDE: 1987-02-19*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes
- *BT1 seconds living radioisotopes

RADON 228*INIS: 1989-07-19; ETDE: 1989-08-01*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes
- *BT1 seconds living radioisotopes

RADON 229*2009-06-02*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 radon isotopes

RADON COMPLEXES*2012-05-04*

- BT1 complexes

RADON COMPOUNDS*1996-01-24*

- BT1 rare gas compounds
- NT1 radon halides
- NT2 radon fluorides
- NT1 radon oxides

RADON FLUORIDES

- *BT1 fluorides
- *BT1 radon halides

RADON HALIDES*2012-07-25*

- *BT1 halides
- *BT1 radon compounds
- NT1 radon fluorides

RADON IONS

- *BT1 ions

RADON ISOTOPES

1999-07-16

BT1 isotopes
 NT1 radon 193
 NT1 radon 194
 NT1 radon 195
 NT1 radon 196
 NT1 radon 197
 NT1 radon 198
 NT1 radon 199
 NT1 radon 200
 NT1 radon 201
 NT1 radon 202
 NT1 radon 203
 NT1 radon 204
 NT1 radon 205
 NT1 radon 206
 NT1 radon 207
 NT1 radon 208
 NT1 radon 209
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 NT1 radon 224
 NT1 radon 225
 NT1 radon 226
 NT1 radon 227
 NT1 radon 228
 NT1 radon 229

radon monitors

USE emanometers

RADON OXIDES

*BT1 oxides
 *BT1 radon compounds

RADURIZATION*Use of irradiation to prolong shelf-life of food.*

UF food irradiation (radiopreservation)
 *BT1 food processing
 *BT1 radiopreservation
 RT food
 RT ifip

RAFFINOSE

*BT1 oligosaccharides

RAFT RIVER VALLEY

INIS: 2000-04-12; ETDE: 1976-05-17

BT1 valleys
 RT idaho

rahyd process

INIS: 2000-04-12; ETDE: 1979-11-07

Dry reprocessing of U and TH metallic fuels.
 (Prior to June 1991 this was a valid ETDE descriptor.)

USE reprocessing

RAIL TRANSPORT

INIS: 1981-03-10; ETDE: 1976-06-07

*BT1 land transport
 RT monorails
 RT railroad cars
 RT railways
 RT routing
 RT vehicles

RAILGUN ACCELERATORS

INIS: 1981-09-18; ETDE: 1980-01-15

Type of macroparticle accelerator to be used in inertial confinement fusion.

BT1 accelerators
 RT impact fusion
 RT impact fusion drivers

RAILROAD CARS

INIS: 1981-03-10; ETDE: 1978-08-07

BT1 vehicles
 RT locomotives
 RT rail transport
 RT railways
 RT trains

RAILWAYS

1993-03-18

NT1 electric railways
 NT1 monorails
 RT levitated trains
 RT locomotives
 RT rail transport
 RT railroad cars
 RT rapid transit systems
 RT trains

RAIN

BT1 atmospheric precipitations
 NT1 acid rain
 RT droplets
 RT landslides
 RT monsoons
 RT natural disasters
 RT rain water
 RT snow
 RT storms
 RT washout

RAIN WATER

*BT1 water
 NT1 throughfall
 RT atmospheric precipitations
 RT interception
 RT rain
 RT runoff

rainout

USE washout

RAJASTHAN-1 REACTOR

Kota, Rajasthan, India.

UF raps-1 reactor
 *BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors

RAJASTHAN-2 REACTOR

Kota, Rajasthan, India.

UF raps-2 reactor
 *BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors

RAJASTHAN-3 REACTOR

INIS: 1993-02-09; ETDE: 1993-03-04

Kota, Rajasthan, India.

*BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors

RAJASTHAN-4 REACTOR

INIS: 1993-02-09; ETDE: 1993-03-04

Kota, Rajasthan, India.

*BT1 candu type reactors
 *BT1 natural uranium reactors
 *BT1 phwr type reactors

RAJASTHAN-5 REACTOR

2005-07-22

Nuclear Power Corporation of India Ltd., Kota, Rajasthan, India.

*BT1 phwr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

RAJASTHAN-6 REACTOR

2005-07-22

Nuclear Power Corporation of India Ltd., Kota, Rajasthan, India.

*BT1 phwr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

RAKE-2 REACTOR

ETDE: 1975-09-11

Central Institute for Nuclear Research Rossendorf, Dresden, Federal Republic of Germany. Decommissioned since 1997.

UF rake reactor
 UF rossendorf assembly for critical experiments
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 water moderated reactors
 *BT1 zero power reactors

rake reactor

2018-08-16

USE rake-2 reactor

raleigh-ncsc research reactor-1

1993-11-09

USE ncscr-1 reactor

raleigh pulstar reactor

USE pulstar-raleigh reactor

RAMAN EFFECT

RT raman spectra
 RT raman spectroscopy
 RT scattering
 RT spectra
 RT ultraviolet radiation
 RT visible radiation

RAMAN SPECTRA

INIS: 1976-02-05; ETDE: 1975-10-01

BT1 spectra
 RT laser spectroscopy
 RT raman effect
 RT raman spectroscopy

RAMAN SPECTROSCOPY

INIS: 1986-04-04; ETDE: 1983-03-07

(Prior to March 1983 this concept was indexed to RAMAN SPECTRA in ETDE.)

UF cars (spectroscopy)
 UF coherent anti-stokes raman spectroscopy
 *BT1 laser spectroscopy
 RT quantitative chemical analysis
 RT raman effect
 RT raman spectra

RAMJET ENGINES

*BT1 internal combustion engines

RAMSAUER EFFECT

UF ramsauer-townsend effect
 RT elastic scattering

ramsauer-townsend effect

USE ramsauer effect

rana

USE frogs

RANA REACTOR

National Nuclear Energy Committee, Rome, Italy. Permanent shutdown since 1981.

UF casaccia rana reactor

UF ispra-2 rana reactor

*BT1 enriched uranium reactors

*BT1 pool type reactors

*BT1 research reactors

RANCE POWER PLANT

INIS: 1992-08-26; ETDE: 1975-07-29

*BT1 tidal power plants

RANCHO SECO-1 REACTOR

Sacramento Municipal Utility District, Clay Station, California, USA. Shut down in 1989; decommissioned in 1995.

UF sacramento rancho seco-1 reactor

*BT1 pwr type reactors

RANCHO SECO-2 REACTOR

Clay Station, California, USA. Unit never ordered.

UF sacramento rancho seco-2 reactor

*BT1 power reactors

random number generators

INIS: 2000-04-12; ETDE: 1983-03-23

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE computer codes

SEE randomness

RANDOM PHASE APPROXIMATION

*BT1 approximations

RT boson expansion

RT ericson theory

RT statistics

RANDOMNESS

1995-11-21

(From March 1983 till March 1997

RANDOMNESS was a valid ETDE descriptor.)

SF random number generators

RT attractors

RT ergodic divertors

RT monte carlo method

RANGE

The range of particles and radiations in matter; not for the concepts covered by ENERGY RANGE or INTERACTION RANGE.

RT absorption

RT depth dose distributions

RT distance

RT energy losses

RT stopping power

RT straggling

RANGE FINDERS

INIS: 1976-03-25; ETDE: 1975-11-28

BT1 measuring instruments

NT1 radar

NT2 acoustic radar

NT2 optical radar

NT1 sonar

RANGELANDS

INIS: 2000-05-24; ETDE: 1978-09-13

Lands providing forage for domestic and wild animals, wildlife cover, recreation opportunities and vegetation for watershed protection.

UF grasslands

*BT1 terrestrial ecosystems

RT domestic animals

RT grazing

RT management

RT pastures

RT plants

RT resource assessment

RT wild animals

RANGER DEPOSIT

INIS: 1977-03-14; ETDE: 1977-06-03

*BT1 uranium deposits

RT northern territory

RT uranium ores

RANGER PROJECT

INIS: 2000-04-12; ETDE: 1987-05-06

*BT1 atmospheric explosions

*BT1 nuclear explosions

RANKINE CYCLE

An ideal thermodynamic cycle consisting of heat addition at constant pressure, isentropic expansion, heat rejection at constant pressure, and isentropic compression; used as an ideal standard for the performance of heat-engine and heat-pump installations operating with a condensable vapor as the working fluid, such as a steam power plant. also known as steam cycle.

BT1 thermodynamic cycles

RT rankine cycle power systems

RT thermodynamics

RANKINE CYCLE ENGINES

1992-11-04

*BT1 heat engines

RT automobiles

RT rankine cycle power systems

RT steam

RT vapor generators

RANKINE CYCLE POWER SYSTEMS

1992-03-11

*BT1 power systems

RT rankine cycle

RT rankine cycle engines

RANKINE-HUGONIOT EQUATIONS

1999-07-07

BT1 equations

RT shock waves

RANQUILITE

2000-04-12

*BT1 silicate minerals

*BT1 uranium minerals

RT calcium silicates

RT uranium silicates

RANSTAD DEPOSIT

INIS: 1980-12-01; ETDE: 1981-01-09

*BT1 uranium deposits

RT sweden

RT uranium ores

RANUNCULACEAE

UF buttercups

UF caraway

UF crowfoot

UF delphinium

UF nigella

*BT1 magnoliopsida

rapeseed

INIS: 2002-04-15; ETDE: 2002-03-26

USE brassica

RAPID TRANSIT SYSTEMS

INIS: 2000-04-12; ETDE: 1975-11-28

BT1 transportation systems

RT electric railways

RT mass transit systems

RT railways

RT trains

RT transport

rapidity

ETDE: 2002-05-01

USE particle rapidity

raps-1 reactor

USE rajasthan-1 reactor

raps-2 reactor

USE rajasthan-2 reactor

RAPSODIE REACTOR

CEA/CEN Cadarache, st. Paul Lez Durance, France. Decommissioned since 1984.

UF cadarache rapsodie reactor

UF fortissimo reactor

*BT1 enriched uranium reactors

*BT1 lmfr type reactors

*BT1 plutonium reactors

*BT1 sodium cooled reactors

*BT1 test reactors

RARE EARTH ADDITIONS

*BT1 rare earth alloys

NT1 cerium additions

NT1 dysprosium additions

NT1 erbium additions

NT1 europium additions

NT1 gadolinium additions

NT1 holmium additions

NT1 lanthanum additions

NT2 alloy-co36cr22ni22w15fe3

NT3 haynes 188 alloy

NT1 lutetium additions

NT1 neodymium additions

NT1 praseodymium additions

NT1 promethium additions

NT1 samarium additions

NT1 terbium additions

NT1 thulium additions

NT1 ytterbium additions

RARE EARTH ALLOYS

1996-07-23

(Prior to March 1997 PROMETHIUM ALLOYS was a valid ETDE descriptor.)

UF promethium alloys

BT1 alloys

NT1 cerium alloys

NT2 cerium additions

NT2 cerium base alloys

NT3 misch metal

NT1 dysprosium alloys

NT2 dysprosium additions

NT2 dysprosium base alloys

NT1 erbium alloys

NT2 erbium additions

NT2 erbium base alloys

NT1 europium alloys

NT2 europium additions

NT2 europium base alloys

NT1 gadolinium alloys

NT2 gadolinium additions

NT2 gadolinium base alloys

NT1 holmium alloys

NT2 holmium additions

NT2 holmium base alloys

NT1 lanthanum alloys

NT2 lanthanum additions

NT3 alloy-co36cr22ni22w15fe3

NT4 haynes 188 alloy

NT2 lanthanum base alloys

NT2 misch metal

NT1 lutetium alloys

NT2 lutetium additions

NT2 lutetium base alloys

NT1 magnesium alloy-ek

NT1 magnesium alloy-ez

NT1 neodymium alloys

NT2 neodymium additions

NT2 neodymium base alloys

NT1 praseodymium alloys
 NT2 praseodymium base alloys
 NT1 rare earth additions
 NT2 cerium additions
 NT2 dysprosium additions
 NT2 erbium additions
 NT2 europium additions
 NT2 gadolinium additions
 NT2 holmium additions
 NT2 lanthanum additions
 NT3 alloy-co36cr22ni22w15fe3
 NT4 haynes 188 alloy
 NT2 lutetium additions
 NT2 neodymium additions
 NT2 praseodymium additions
 NT2 promethium additions
 NT2 samarium additions
 NT2 terbium additions
 NT2 thulium additions
 NT2 ytterbium additions
 NT1 samarium alloys
 NT2 samarium additions
 NT2 samarium base alloys
 NT1 terbium alloys
 NT2 terbium additions
 NT2 terbium base alloys
 NT1 thulium alloys
 NT2 thulium additions
 NT2 thulium base alloys
 NT1 ytterbium alloys
 NT2 ytterbium base alloys
 RT actinide alloys

RARE EARTH COMPLEXES

BT1 complexes
 NT1 cerium complexes
 NT1 dysprosium complexes
 NT1 erbium complexes
 NT1 europium complexes
 NT1 gadolinium complexes
 NT1 holmium complexes
 NT1 lanthanum complexes
 NT1 lutetium complexes
 NT1 neodymium complexes
 NT1 praseodymium complexes
 NT1 promethium complexes
 NT1 samarium complexes
 NT1 terbium complexes
 NT1 thulium complexes
 NT1 ytterbium complexes

RARE EARTH COMPOUNDS

SF gadolinite
 NT1 cerium compounds
 NT2 cerium arsenides
 NT2 cerium borides
 NT2 cerium carbides
 NT2 cerium carbonates
 NT2 cerium halides
 NT3 cerium bromides
 NT3 cerium chlorides
 NT3 cerium fluorides
 NT3 cerium iodides
 NT2 cerium hydrides
 NT2 cerium hydroxides
 NT2 cerium nitrates
 NT2 cerium nitrides
 NT2 cerium oxides
 NT2 cerium perchlorates
 NT2 cerium phosphates
 NT2 cerium phosphides
 NT2 cerium selenides
 NT2 cerium silicates
 NT2 cerium silicides
 NT2 cerium sulfates
 NT2 cerium sulfides
 NT2 cerium tellurides
 NT2 cerium tungstates
 NT1 dysprosium compounds
 NT2 dysprosium borides

NT2 dysprosium carbides
 NT2 dysprosium halides
 NT3 dysprosium bromides
 NT3 dysprosium chlorides
 NT3 dysprosium fluorides
 NT3 dysprosium iodides
 NT2 dysprosium hydrides
 NT2 dysprosium hydroxides
 NT2 dysprosium nitrates
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 NT2 dysprosium oxides
 NT2 dysprosium perchlorates
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 NT2 dysprosium phosphides
 NT2 dysprosium selenides
 NT2 dysprosium silicates
 NT2 dysprosium silicides
 NT2 dysprosium sulfates
 NT2 dysprosium sulfides
 NT2 dysprosium tellurides
 NT2 dysprosium tungstates
 NT1 erbium compounds
 NT2 erbium borides
 NT2 erbium carbides
 NT2 erbium carbonates
 NT2 erbium halides
 NT3 erbium bromides
 NT3 erbium chlorides
 NT3 erbium fluorides
 NT3 erbium iodides
 NT2 erbium hydrides
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 NT2 erbium oxides
 NT2 erbium perchlorates
 NT2 erbium phosphates
 NT2 erbium phosphides
 NT2 erbium selenides
 NT2 erbium silicides
 NT2 erbium sulfates
 NT2 erbium sulfides
 NT2 erbium tellurides
 NT2 erbium tungstates
 NT1 europium compounds
 NT2 europium arsenides
 NT2 europium borides
 NT2 europium carbides
 NT2 europium carbonates
 NT2 europium halides
 NT3 europium bromides
 NT3 europium chlorides
 NT3 europium fluorides
 NT3 europium iodides
 NT2 europium hydrides
 NT2 europium hydroxides
 NT2 europium nitrates
 NT2 europium nitrides
 NT2 europium oxides
 NT2 europium perchlorates
 NT2 europium phosphates
 NT2 europium phosphides
 NT2 europium selenides
 NT2 europium silicates
 NT2 europium silicides
 NT2 europium sulfates
 NT2 europium sulfides
 NT2 europium tellurides
 NT1 gadolinium compounds
 NT2 gadolinium arsenides
 NT2 gadolinium borides
 NT2 gadolinium carbides
 NT2 gadolinium carbonates
 NT2 gadolinium halides
 NT3 gadolinium bromides
 NT3 gadolinium chlorides
 NT3 gadolinium fluorides
 NT3 gadolinium iodides
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NT2 gadolinium hydroxides
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 NT2 gadolinium oxides
 NT2 gadolinium perchlorates
 NT2 gadolinium phosphates
 NT2 gadolinium phosphides
 NT2 gadolinium selenides
 NT2 gadolinium silicides
 NT2 gadolinium sulfates
 NT2 gadolinium sulfides
 NT2 gadolinium tellurides
 NT2 gadolinium tungstates
 NT1 holmium compounds
 NT2 holmium borides
 NT2 holmium carbides
 NT2 holmium carbonates
 NT2 holmium halides
 NT3 holmium bromides
 NT3 holmium chlorides
 NT3 holmium fluorides
 NT3 holmium iodides
 NT2 holmium hydrides
 NT2 holmium hydroxides
 NT2 holmium nitrates
 NT2 holmium nitrides
 NT2 holmium oxides
 NT2 holmium perchlorates
 NT2 holmium phosphates
 NT2 holmium phosphides
 NT2 holmium selenides
 NT2 holmium silicates
 NT2 holmium silicides
 NT2 holmium sulfates
 NT2 holmium sulfides
 NT2 holmium tellurides
 NT1 lanthanum compounds
 NT2 lanthanum borides
 NT2 lanthanum carbides
 NT2 lanthanum carbonates
 NT2 lanthanum halides
 NT3 lanthanum bromides
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 NT2 lanthanum selenides
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 NT1 lutetium compounds
 NT2 lutetium borides
 NT2 lutetium carbides
 NT2 lutetium carbonates
 NT2 lutetium halides
 NT3 lutetium bromides
 NT3 lutetium chlorides
 NT3 lutetium fluorides
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 NT2 lutetium phosphates
 NT2 lutetium selenides
 NT2 lutetium silicates
 NT2 lutetium silicides

NT2 lutetium sulfates
 NT2 lutetium sulfides
 NT2 lutetium tungstates
 NT1 neodymium compounds
 NT2 neodymium borides
 NT2 neodymium carbides
 NT2 neodymium carbonates
 NT2 neodymium halides
 NT3 neodymium bromides
 NT3 neodymium chlorides
 NT3 neodymium fluorides
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 NT2 neodymium sulfates
 NT2 neodymium sulfides
 NT2 neodymium tellurides
 NT2 neodymium tungstates
 NT1 praseodymium compounds
 NT2 praseodymium arsenides
 NT2 praseodymium borides
 NT2 praseodymium carbides
 NT2 praseodymium carbonates
 NT2 praseodymium halides
 NT3 praseodymium bromides
 NT3 praseodymium chlorides
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 NT2 praseodymium sulfides
 NT2 praseodymium tellurides
 NT2 praseodymium tungstates
 NT1 promethium compounds
 NT2 promethium halides
 NT3 promethium bromides
 NT3 promethium chlorides
 NT3 promethium fluorides
 NT3 promethium iodides
 NT2 promethium hydroxides
 NT2 promethium nitrates
 NT2 promethium oxides
 NT2 promethium phosphates
 NT1 samarium compounds
 NT2 samarium arsenides
 NT2 samarium borides
 NT2 samarium carbides
 NT2 samarium carbonates
 NT2 samarium halides
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 NT2 samarium sulfides
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 NT1 terbium compounds
 NT2 terbium arsenides
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 NT1 ytterbium compounds
 NT2 ytterbium borides
 NT2 ytterbium carbides
 NT2 ytterbium carbonates
 NT2 ytterbium halides
 NT3 ytterbium bromides
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 NT2 ytterbium tellurides
 NT2 ytterbium tungstates

rare earth elements

ETDE: 2002-05-01

USE rare earths

rare earth isotopes

2000-04-12

(Prior to March 1997 this was a valid ETDE descriptor.)

USE rare earth nuclei

RARE EARTH NUCLEI

1997-01-30

UF rare earth isotopes

*BT1 intermediate mass nuclei

NT1 cerium 119
 NT1 cerium 120
 NT1 cerium 121
 NT1 cerium 122
 NT1 cerium 123
 NT1 cerium 124
 NT1 cerium 125
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 NT1 dysprosium 138
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 NT1 gadolinium 168
 NT1 gadolinium 169
 NT1 holmium 140
 NT1 holmium 141
 NT1 holmium 142
 NT1 holmium 143
 NT1 holmium 144
 NT1 holmium 145
 NT1 holmium 146
 NT1 holmium 147
 NT1 holmium 148
 NT1 holmium 149
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 NT1 holmium 174
 NT1 holmium 175
 NT1 lanthanum 117
 NT1 lanthanum 118
 NT1 lanthanum 119
 NT1 lanthanum 120

NT1 lanthanum 121
 NT1 lanthanum 122
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 NT1 lutetium 150
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 NT1 lutetium 187
 NT1 neodymium 124
 NT1 neodymium 125
 NT1 neodymium 126
 NT1 neodymium 127
 NT1 neodymium 128
 NT1 neodymium 129
 NT1 neodymium 130
 NT1 neodymium 131

NT1	terbium	148
NT1	terbium	149
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NT1	terbium	151
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NT1	terbium	168
NT1	terbium	169
NT1	terbium	170
NT1	terbium	171
NT1	thulium	144
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NT1	ytterbium	148
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NT1	ytterbium	166

NT1 ytterbium 167
 NT1 ytterbium 168
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 NT1 ytterbium 177
 NT1 ytterbium 178
 NT1 ytterbium 179
 NT1 ytterbium 180
 NT1 ytterbium 181

RARE EARTHS

UF lanthanides
 UF rare earth elements
 *BT1 metals
 NT1 cerium
 NT2 cerium-alpha
 NT2 cerium-beta
 NT2 cerium-gamma
 NT1 dysprosium
 NT1 erbium
 NT1 europium
 NT1 gadolinium
 NT1 holmium
 NT1 lanthanum
 NT1 lutetium
 NT1 neodymium
 NT1 praseodymium
 NT1 promethium
 NT1 samarium
 NT1 terbium
 NT1 thulium
 NT1 ytterbium
 RT thucholite

RARE GAS COMPOUNDS

NT1 argon compounds
 NT2 argon halides
 NT3 argon chlorides
 NT3 argon fluorides
 NT3 argon iodides
 NT2 argon hydrides
 NT2 argon nitrides
 NT2 argon oxides
 NT1 helium compounds
 NT2 helium halides
 NT3 helium chlorides
 NT2 helium hydrides
 NT2 helium hydroxides
 NT2 helium oxides
 NT2 helium tritides
 NT1 krypton compounds
 NT2 krypton halides
 NT3 krypton bromides
 NT3 krypton chlorides
 NT3 krypton fluorides
 NT2 krypton hydrides
 NT2 krypton oxides
 NT1 neon compounds
 NT2 neon halides
 NT3 neon bromides
 NT3 neon chlorides
 NT3 neon fluorides
 NT3 neon iodides
 NT2 neon hydrides
 NT2 neon oxides
 NT1 radon compounds
 NT2 radon halides
 NT3 radon fluorides
 NT2 radon oxides
 NT1 xenon compounds
 NT2 xenon halides
 NT3 xenon bromides
 NT3 xenon chlorides
 NT3 xenon fluorides

NT3 xenon iodides
 NT2 xenon hydrides
 NT2 xenon oxides

RARE GASES

UF noble gases
 *BT1 gases
 *BT1 nonmetals
 NT1 argon
 NT1 helium
 NT1 krypton
 NT1 neon
 NT1 radon
 NT1 xenon
 RT clathrates
 RT emanation method
 RT emanation thermal analysis
 RT gas scintillation detectors
 RT inert atmosphere

RAREFIED GASES

*BT1 gases

RARITA-SCHWINGER THEORY

RT quantum mechanics
 RT wave equations

RAROTONGA TREATY

INIS: 1992-01-07; ETDE: 1992-02-10
 BT1 treaties
 RT arms control
 RT international agreements
 RT nuclear weapons

ras al khaima

INIS: 1992-05-07; ETDE: 1976-08-05
 USE united arab emirates

raschig rings

USE column packing

RASPBERRIES

INIS: 1976-06-23; ETDE: 1976-08-24
 *BT1 berries
 RT rosaceae

rat kangaroos

INIS: 2000-04-12; ETDE: 1981-06-15
 USE marsupials

RATCHETING

INIS: 1984-08-24; ETDE: 1976-07-07
Progressive distortion resulting from or enhanced by cyclic loading.
 BT1 deformation
 RT creep
 RT dynamic loads
 RT mechanical structures
 RT strains
 RT stresses

rate structure

INIS: 2000-04-12; ETDE: 1978-04-06
 (Prior to March 1997 this was a valid ETDE descriptor.)
 USE prices

ratemeters (counting)

USE counting ratemeters

ratemeters (dose)

USE dose ratemeters

ratemeters (exposure)

USE exposure ratemeters

rational surfaces

INIS: 1991-03-22; ETDE: 1991-04-09
 USE mode rational surfaces

rationing

INIS: 1985-12-10; ETDE: 1978-03-03
 USE allocations

RATS

*BT1 rodents

RAUVITE

2000-04-12

*BT1 oxide minerals
 *BT1 uranium minerals
 RT calcium oxides
 RT uranium oxides
 RT vanadium oxides

RAW MATERIALS

INIS: 1992-03-11; ETDE: 1978-06-14
Materials available, suitable, or required for manufacture, development, training, or some other finishing process, but not yet so used.
 BT1 materials
 NT1 chemical feedstocks
 RT resources

rawalpindi research reactor

USE par-1 reactor

RAYLEIGH NUMBER

2007-01-08
 BT1 dimensionless numbers
 RT forced convection
 RT natural convection

rayleigh-ritz method

USE ritz method

RAYLEIGH SCATTERING

*BT1 coherent scattering

RAYLEIGH-SCHROEDINGER FORMULA

RT perturbation theory

RAYLEIGH-TAYLOR INSTABILITY

BT1 instability
 RT fluid flow
 RT hydrodynamics
 RT plasma macroinstabilities

RAYLEIGH WAVES

1999-09-17
 RT earthquakes
 RT lattice vibrations
 RT seismic detection
 RT seismic surface waves
 RT seismic waves
 RT underground explosions

RAYON

*BT1 polysaccharides
 RT cellulose
 RT fibers
 RT textiles

RAZDAN COMPUTERS

BT1 computers

RB-1 REACTOR

Montecuccolino Nuclear Engineering Lab.,
 Univ. of Bologna, Bologna, Italy.
 Decommissioned since 1986.
 UF montecuccolino rb-1 reactor
 UF reattore bologna-1
 *BT1 enriched uranium reactors
 *BT1 graphite moderated reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 zero power reactors

RB-2 REACTOR

Decommissioned since 1986.
 UF montecuccolino rb-2 reactor
 UF reattore bologna-2
 *BT1 argonaut type reactors
 *BT1 thermal reactors

RB-3 REACTOR

Decommissioned since 2014.

UF montecuccolino rb-3 reactor

UF reattore bologna-3

*BT1 heavy water moderated reactors

*BT1 tank type reactors

*BT1 zero power reactors

RBE

UF relative biological effectiveness

RT biological radiation effects

RT let

RT oxygen enhancement ratio

RT quality factor

RT radiation effects

RT radiation quality

rbmk-1000 reactor

INIS: 1984-08-23; ETDE: 1984-09-20

USE leningrad-1 reactor

rbmk-1500 reactor

INIS: 1996-02-09; ETDE: 1984-09-20

USE ignalina-1 reactor

rbmk type reactors

INIS: 1988-10-10; ETDE: 1988-11-01

High-power channel-cooled graphite-moderated reactor type.

USE lwgr type reactors

rbs

2002-11-25

USE rutherford backscattering spectroscopy

rc-1 reactor

USE triga-2-rome reactor

rc-4 reactor casaccia

USE ritmo reactor

RCIC SYSTEMS

1993-04-27

UF reactor core isolation cooling

*BT1 reactor cooling systems

RCN

Reactor Centrum Nederland; name changed on 1 August 1976 to Energieonderzoek Centrum Nederland, and documents written after that date should be indexed to ECN.

UF reactor centrum nederland (petten)

*BT1 ecn

RCNP CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-03-24

Research Center for Nuclear Physics, Osaka University.

UF research center nuclear physics cyclotron

*BT1 heavy ion accelerators

*BT1 isochronous cyclotrons

rdf

INIS: 2000-04-12; ETDE: 1976-11-02

USE refuse derived fuels

re-entry

USE reentry

reacteur jules horowitz

2005-02-10

USE jules horowitz reactor

REACTION HEAT

UF heat of reaction

*BT1 enthalpy

NT1 combustion heat

NT1 dissociation heat

NT1 formation heat

RT thermochemical heat storage

RT wetting heat

REACTION INTERMEDIATES

INIS: 1983-03-15; ETDE: 1978-10-23

SF intermediates (reaction)

SF transient species

RT carbenes

RT carbynes

RT chemical reaction kinetics

RT chemical reactions

RT photochemistry

RT radiation chemistry

RT radicals

REACTION KINETICS

UF activity coefficient

UF reaction mechanisms

UF reaction rate

BT1 kinetics

NT1 biochemical reaction kinetics

NT2 cpb

NT1 chemical reaction kinetics

NT2 combustion kinetics

NT1 nuclear reaction kinetics

RT activation energy

RT arrhenius equation

RT dissociation

RT equilibrium

reaction mechanisms

USE reaction kinetics

reaction product transport

INIS: 1995-05-09; ETDE: 2002-05-01

(Until May 1995 this was a valid descriptor.)

USE reaction product transport systems

REACTION PRODUCT TRANSPORT SYSTEMS

1995-05-10

(Until May 1995 this concept was indexed to

REACTION PRODUCT TRANSPORT.)

UF helium jet method

UF reaction product transport

UF transport (reaction product)

NT1 rabbit tubes

RT accelerator experimental facilities

RT nuclear reactions

RT pneumatic transport

RT reactor experimental facilities

reaction rate

USE reaction kinetics

reactivation

INIS: 2000-04-12; ETDE: 1980-11-25

SEE regeneration

REACTIVITY

RT inhour equation

RT pile oscillation techniques

RT pile replacement techniques

RT poisoning

RT reactivity coefficients

RT reactivity insertions

RT reactivity meters

RT reactivity units

RT reactivity worths

RT reactor kinetics

RT rod drop method

reactivity (chemical)

INIS: 2000-04-12; ETDE: 1979-06-06

USE activation energy

REACTIVITY COEFFICIENTS

NT1 danger coefficient

NT1 doppler coefficient

NT1 power coefficient

NT1 pressure coefficient

NT1 temperature coefficient

NT1 void coefficient

RT reactivity

RT reactivity insertions

RT reactor kinetics

REACTIVITY-INITIATED ACCIDENTS

2017-07-18

*BT1 reactor accidents

NT1 rod drop accidents

NT1 rod ejection accidents

REACTIVITY INSERTIONS

NT1 rod drop accidents

RT pulsed reactors

RT reactivity

RT reactivity coefficients

RT reactivity units

RT reactivity worths

RT reactor kinetics

RT rod ejection accidents

REACTIVITY METERS

*BT1 meters

RT reactivity

REACTIVITY UNITS

BT1 units

NT1 dollars

NT1 inhours

RT reactivity

RT reactivity insertions

REACTIVITY WORTHS

RT reactivity

RT reactivity insertions

REACTOR ACCIDENT SIMULATION

2006-06-27

BT1 simulation

RT hypothetical accidents

RT reactor accidents

RT reactor safety

REACTOR ACCIDENTS

1997-04-29

Includes abnormal conditions of other than major significance sometimes referred to as incidents, events, etc.; for fission reactors only.

SF nuclear accidents

SF ria (reactor accidents)

BT1 accidents

NT1 atws

NT1 excursions

NT1 fuel degradation

NT1 fuel handling accidents

NT1 loss of coolant

NT2 lbloca

NT2 sbloca

NT1 loss of core cooling

NT1 loss of flow

NT1 meltdown

NT2 melt-through

NT1 multiple steam generator tube rupture

NT1 power-cooling-mismatch accidents

NT1 reactivity-initiated accidents

NT2 rod drop accidents

NT2 rod ejection accidents

NT1 reactor core disruption

NT1 station blackout

NT1 steam generator tube rupture

NT1 steam line break accidents

NT1 total loss of feedwater

NT1 transient overpower accidents

NT1 uncontrolled boron dilution

RT accident-tolerant nuclear fuels

RT burnout

RT canare

RT cenna

RT corium

RT emergency plans

RT fuel-coolant interactions
 RT fuel element failure
 RT fukushima accident archive
 RT fukushima accident data
 RT international nuclear event scale
 RT missile protection
 RT molten metal-water reactions
 RT pressure suppression
 RT reactor accident simulation
 RT reactor operation
 RT reactor safety
 RT source terms
 RT vapor explosions

reactor argentin-0

USE ra-0 reactor

reactor argentin-1

USE ra-1 reactor

reactor argentin-2

USE ra-2 reactor

reactor argentin-3

USE ra-3 reactor

reactor argentin-4

INIS: 2002-08-13; ETDE: 2002-06-16

USE ra-4 reactor

reactor argentin-5

INIS: 1984-06-21; ETDE: 2002-05-01

USE ra-5 reactor

reactor argentin-8

2002-11-20

USE ra-8 reactor

reactor argentin ra-6

2001-03-01

USE ra-6 reactor

REACTOR CELLS

UF cells (reactor)
 RT reactor lattices

reactor centrum nederland (petten)

ETDE: 2002-05-01

USE rcn

REACTOR CHANNELS

Passages through reactors.

UF channels (reactor)
 BT1 reactor components
 NT1 beam holes
 NT1 experimental channels
 NT1 fuel channels
 RT neutron guides

REACTOR CHARGING MACHINES

UF charging machines (fission reactor)
 UF fueling machines (fission reactors)
 UF loading machines (fission reactor)
 BT1 reactor components
 RT reactor fueling
 RT remote handling

reactor chemistry

ETDE: 2002-05-01

USE radiochemistry

REACTOR COMMISSIONING

1996-04-29

For fission reactors only.

UF commissioning (reactor)
 BT1 commissioning
 BT1 reactor life cycle
 RT national control
 RT reactor decommissioning

REACTOR COMPONENTS

For fission reactors only.

UF reactor internals

NT1 breeding blankets
 NT1 control elements
 NT2 regulating rods
 NT2 scram rods
 NT2 shim rods
 NT1 control rod drives
 NT1 core catchers
 NT1 fuel elements
 NT2 annular fuel elements
 NT2 fuel pins
 NT2 fuel plates
 NT2 fuel rods
 NT3 hollow fuel rods
 NT2 fuel wires
 NT2 spent fuel elements
 NT2 thermionic fuel elements
 NT1 reactor channels
 NT2 beam holes
 NT2 experimental channels
 NT2 fuel channels
 NT1 reactor charging machines
 NT1 reactor cooling systems
 NT2 direct cycle cooling systems
 NT2 dual cycle cooling systems
 NT2 integrated cooling systems
 NT2 primary coolant circuits
 NT3 coolant cleanup systems
 NT2 rcic systems
 NT2 rhr systems
 NT2 secondary coolant circuits
 NT2 shrouds
 NT2 tertiary coolant circuits
 NT1 reactor cores
 NT2 coupled reactor cores
 NT2 heterogeneous reactor cores
 NT1 reactor experimental facilities
 NT2 beam holes
 NT2 experimental channels
 NT2 in pile loops
 NT2 rabbit tubes
 NT2 tristan separator
 NT1 reactor safety fuses
 RT alarm systems
 RT condensation chambers
 RT containers
 RT containment
 RT control equipment
 RT cooling towers
 RT electrical equipment
 RT electronic equipment
 RT fins
 RT fluid-structure interactions
 RT heat exchangers
 RT jackets
 RT leak detectors
 RT pumps
 RT reactor materials
 RT shielding materials
 RT shields
 RT sleeves
 RT spacers
 RT vanes

reactor control rods

USE control elements

REACTOR CONTROL SYSTEMS

The processes and operations ensuring the control and safe running of a nuclear fission reactor.

BT1 control systems
 RT automation
 RT boiling detection
 RT burnable poisons
 RT configuration control
 RT control elements
 RT control rod drives
 RT control rooms
 RT fluid poison control
 RT interlocks

RT neutron absorbers
 RT neutron detectors
 RT neutron monitors
 RT on-line control systems
 RT process computers
 RT reactor instrumentation
 RT reactor monitoring systems
 RT reactor safety fuses
 RT thermocouples

reactor control theory

2000-04-12

USE reactor kinetics

REACTOR COOLING SYSTEMS

For fission reactors only.

UF cooling systems (fission reactor)
 *BT1 cooling systems
 BT1 reactor components
 NT1 direct cycle cooling systems
 NT1 dual cycle cooling systems
 NT1 integrated cooling systems
 NT1 primary coolant circuits
 NT2 coolant cleanup systems
 NT1 rcic systems
 NT1 rhr systems
 NT1 secondary coolant circuits
 NT1 shrouds
 NT1 tertiary coolant circuits
 RT auxiliary water systems
 RT blowers
 RT boilers
 RT bypasses
 RT closed-cycle cooling systems
 RT compressors
 RT condensation chambers
 RT condenser cooling systems
 RT coolants
 RT cooling
 RT demineralizers
 RT economizers
 RT feedwater
 RT feedwater heaters
 RT fluid flow
 RT fluid-structure interactions
 RT heat exchangers
 RT heat transfer
 RT hot channel
 RT hot spots
 RT ice condensers
 RT isolation condensers
 RT loss of coolant
 RT open-cycle cooling systems
 RT pressure tubes
 RT pressurizers
 RT pumps
 RT recombiners
 RT restraints
 RT steam condensers
 RT steam generators
 RT steam jet ejectors
 RT steam lines
 RT steam separators
 RT steam systems
 RT steam turbines
 RT superheaters
 RT tubes
 RT valves
 RT vapor generators
 RT water chemistry
 RT water supply

reactor cooling systems (fusion)

INIS: 1993-11-09; ETDE: 2002-05-01

USE thermonuclear reactor cooling systems

REACTOR CORE DISRUPTION

UF hcda
 *BT1 reactor accidents

*BT1 severe accidents
RT reactor cores

reactor core isolation cooling

1993-04-27

USE rcic systems

REACTOR CORE RESTRAINTS

*BT1 reactor protection systems
BT1 restraints
RT reactor cores
RT reactor safety
RT supports

REACTOR CORES

UF cores (reactor)
BT1 reactor components
NT1 coupled reactor cores
NT1 heterogeneous reactor cores
RT control elements
RT core catchers
RT corium
RT fluid-structure interactions
RT fuel assemblies
RT fuel elements
RT fuel management
RT in core instruments
RT moderators
RT power density
RT power distribution
RT reactor core disruption
RT reactor core restraints
RT reactor lattices

REACTOR DECOMMISSIONING

For fission reactors only.

BT1 decommissioning
BT1 reactor life cycle
RT national control
RT reactor commissioning

REACTOR DESIGN

2017-03-17

BT1 design
BT1 reactor life cycle
RT beyond-design-basis accidents
RT design-basis accidents
RT reactor planning

REACTOR DISMANTLING

For fission reactors only.

UF dismantling (fission reactor)
UF dismantling (reactor)
BT1 demolition
BT1 reactor life cycle
RT fuel assembly dismantling
RT national control

REACTOR EXPERIMENTAL FACILITIES

1995-05-10

UF experimental facilities (reactor)
BT1 reactor components
NT1 beam holes
NT1 experimental channels
NT1 in pile loops
NT1 rabbit tubes
NT1 tristan separator
RT reaction product transport systems

reactor fuel elements

USE fuel elements

REACTOR FUELING

For fission reactors only.

UF charging (fission reactor)
UF discharging (fission reactor)
UF fuel loading (fission reactor)
UF loading (fission reactor)
UF unloading (fission reactor)
UF unloading (reactor)
NT1 batch loading

RT fuel management
RT reactor charging machines
RT reactor operation
RT remote handling

reactor fueling (fusion reactors)

INIS: 1993-11-09; ETDE: 2002-05-01

USE thermonuclear reactor fueling

reactor fuels

2000-04-12

USE nuclear fuels

reactor fuels (fission)

INIS: 1982-11-29; ETDE: 2002-05-01

USE nuclear fuels

reactor fuels (fusion)

INIS: 1982-11-29; ETDE: 2002-05-01

USE thermonuclear fuels

REACTOR INSTRUMENTATION

For fission reactors only.

NT1 in core instruments
NT2 noise thermometers
RT acoustic monitoring
RT control rooms
RT loose parts monitoring
RT measuring instruments
RT reactor control systems
RT reactor monitoring systems
RT reactor operation
RT reactor protection systems
RT reactor safety
RT reactor shutdown

reactor internals

1976-02-05

If appropriate, use descriptors for specific components.

USE reactor components

REACTOR KINETICS

For fission reactors only.

UF control theory (fission reactor)
UF control theory (reactor)
UF fission reactor control theory
UF reactor control theory
BT1 kinetics
RT burnable poisons
RT control elements
RT control rod worths
RT criticality
RT delayed neutrons
RT heterogeneous effects
RT inhour equation
RT perturbation theory
RT poisoning
RT reactivity
RT reactivity coefficients
RT reactivity insertions
RT reactor kinetics equations
RT reactor noise
RT reactor period
RT reactor physics
RT reactor simulators
RT reactor stability
RT rod drop method

REACTOR KINETICS EQUATIONS

For fission reactors only.

UF kinetics equations (reactor)
BT1 equations
NT1 response matrix method
RT chapman-kolmogorov equation
RT reactor kinetics

REACTOR LATTICE PARAMETERS

UF pitch (reactor parameters)
UF reactor lattice pitch
RT homogenization methods

RT reactor lattices
RT reactor physics

reactor lattice pitch

USE reactor lattice parameters

REACTOR LATTICES

UF lattices (reactor)
RT configuration
RT configuration control
RT fuel elements
RT power density
RT reactor cells
RT reactor cores
RT reactor lattice parameters
RT zero power reactors

REACTOR LICENSING

For fission reactors only.

BT1 licensing
BT1 reactor life cycle
RT antitrust review
RT financial data
RT gesellschaft fuer anlagen- und reaktorsicherheit
RT lifetime extension
RT reactor safety

REACTOR LIFE CYCLE

2017-03-17

NT1 reactor commissioning
NT1 reactor decommissioning
NT1 reactor design
NT1 reactor dismantling
NT1 reactor licensing
NT1 reactor operation
NT2 reactor maintenance
NT1 reactor planning
NT1 reactor shutdown
NT2 scram
NT1 reactor start-up
NT1 site selection
RT lifetime extension
RT reactor safety

REACTOR MAINTENANCE

For fission reactors only.

BT1 maintenance
*BT1 reactor operation
RT in-service inspection
RT inspection
RT repair
RT safety culture

REACTOR MATERIALS

For fission reactors only; see also descriptors for specific materials.

BT1 materials
NT1 nuclear fuels
NT2 accident-tolerant nuclear fuels
NT2 alloy nuclear fuels
NT3 uranium-molybdenum fuels
NT2 denatured fuel
NT2 dispersion nuclear fuels
NT2 fuel solutions
NT2 liquid metal fuels
NT2 mixed carbide fuels
NT2 mixed nitride fuels
NT2 mixed oxide fuels
NT2 molten salt fuels
NT2 spent fuels
NT1 nuclear poisons
NT2 burnable poisons
NT2 fission poisons
NT2 soluble poisons
RT coolants
RT matrix materials
RT moderators
RT neutron absorbers
RT reactor components
RT shielding materials

reactor materials (fusion reactors)

INIS: 1993-11-09; ETDE: 2002-05-01
USE thermonuclear reactor materials

REACTOR MONITORING SYSTEMS

INIS: 1984-10-23; ETDE: 1984-11-08
Measuring and evaluation systems for performance monitoring of reactor or its components. Not to be confused with REACTOR CONTROL SYSTEMS.

UF monitors (reactor)
RT acoustic monitoring
RT failed element monitors
RT loose parts monitoring
RT monitoring
RT monitors
RT on-line measurement systems
RT reactor control systems
RT reactor instrumentation
RT temperature monitoring

REACTOR NEUTRINOS

2017-11-09
*BT1 neutrinos
RT reactors

REACTOR NEUTRON SOURCE FACILITIES

2016-06-09
BT1 neutron source facilities
NT1 ihni-1 reactor
NT1 nusus facility

REACTOR NOISE

UF noise (reactor)
RT correlation functions
RT reactor kinetics
RT variations

REACTOR OPERATION

For fission reactors only.
UF operation (fission reactor)
UF operation (reactor)
BT1 operation
BT1 reactor life cycle
NT1 reactor maintenance
RT fuel element failure
RT lifetime extension
RT reactor accidents
RT reactor fueling
RT reactor instrumentation
RT reactor operators
RT reactor shutdown
RT reactor start-up
RT repair
RT safety culture

REACTOR OPERATORS

INIS: 1981-02-27; ETDE: 1980-04-14
For fission reactors only.
BT1 personnel
RT reactor operation
RT safety culture

REACTOR OSCILLATORS

UF oscillators (reactor)
RT oscillators
RT pile oscillation techniques

REACTOR PERIOD

UF period (reactor)
RT reactor kinetics
RT rossi alpha method

REACTOR PHYSICS

INIS: 2000-01-26; ETDE: 1979-05-25
Use only for indexing articles of very broad coverage, such as annual reviews or textbooks, dealing with fission reactors.
BT1 physics
RT neutron physics

RT neutron slowing-down theory
RT neutron transport theory
RT reactor kinetics
RT reactor lattice parameters
RT reactor safety

REACTOR PLANNING

2017-03-17
BT1 planning
BT1 reactor life cycle
RT reactor design

REACTOR POISON REMOVAL

UF removal (reactor poison)
BT1 removal
RT nuclear poisons
RT samarium oscillations
RT xenon oscillations

reactor pressure vessel failure

2017-07-18
USE melt-through

REACTOR PROTECTION SYSTEMS

For fission reactors only.
BT1 engineered safety systems
NT1 eccs
NT2 core flooding systems
NT2 core spray systems
NT2 high pressure coolant injection
NT2 low pressure coolant injection
NT1 reactor core restraints
RT depressurization systems
RT equipment protection devices
RT missile protection
RT reactor instrumentation
RT reactor safety
RT safety injection
RT scram
RT systems analysis

REACTOR SAFETY

1995-05-10
Theoretical and experimental investigations of the behavior of fission reactor types and designs under various real or hypothetical accidents.

UF safety (reactor)
BT1 safety
RT accident-tolerant nuclear fuels
RT accidents
RT bethe-tait method
RT boiling detection
RT condensation chambers
RT containment
RT containment spray systems
RT criticality
RT depressurization
RT fuel densification
RT fuel element failure
RT gesellschaft fuer anlagen- und reaktorsicherheit
RT high pressure coolant injection
RT hot channel factor
RT hot spot factor
RT international convention on nuclear safety
RT international nuclear event scale
RT low pressure coolant injection
RT missile protection
RT molten metal-water reactions
RT pressure release
RT pressure suppression
RT radiation protection
RT reactor accident simulation
RT reactor accidents
RT reactor core restraints
RT reactor instrumentation
RT reactor licensing
RT reactor life cycle
RT reactor physics

RT reactor protection systems
RT reactor technology
RT reactors
RT reliability
RT safety engineering
RT safety margins
RT safety standards
RT site selection
RT systems analysis

REACTOR SAFETY EXPERIMENTS

For fission reactors only.

NT1 containment mockup facility
NT1 containment research installation
NT1 containment systems experiment
NT1 nuclear safety pilot plant
RT eccs

REACTOR SAFETY FUSES

UF fuses (reactor safety)
BT1 reactor components
RT reactor control systems
RT scram

REACTOR SHUTDOWN

For fission reactors only.

UF shutdown (reactor)
BT1 reactor life cycle
BT1 shutdown
NT1 scram
RT after-heat
RT reactor instrumentation
RT reactor operation
RT residual power

REACTOR SIMULATORS

For fission reactors only.

UF simulators (reactor)
*BT1 simulators
RT control rooms
RT reactor kinetics

REACTOR SITES

1997-06-17

For fission reactors only. Use for documents focusing on the site as a whole and not individual reactors, e.g., radiation monitoring, contamination, decontamination, remedial actions, etc.

UF sites (fission reactor)
UF sites (reactor)
NT1 bruce site
NT1 darlington site
NT1 fukushima daiichi nuclear power station
NT1 gravelines site
NT1 pickering site
RT environment
RT external zones
RT nuclear power plants
RT offshore nuclear power plants
RT offshore sites
RT on-site power generation
RT site approvals
RT site characterization
RT site preparation
RT site selection
RT underground nuclear stations

reactor siting

USE site selection

REACTOR STABILITY

For fission reactors only.

UF stability (fission reactor)
UF stability (reactor)
BT1 stability
RT frequency response testing
RT nonlinear problems
RT nyquist diagrams
RT reactor kinetics

RT transfer functions

REACTOR START-UP

For fission reactors only.

UF start-up (fission reactor)

UF start-up (reactor)

BT1 reactor life cycle

BT1 start-up

RT reactor operation

RT thermonuclear ignition

reactor start-up (thermonuclear ignition)

INIS: 1993-11-09; ETDE: 2002-05-01

USE thermonuclear ignition

REACTOR TECHNOLOGY

INIS: 1975-08-20; ETDE: 1975-10-01

Use only for indexing articles of very broad coverage, such as annual reviews or textbooks, dealing with fission reactors.

RT nuclear engineering

RT reactor safety

RT reactors

reactor thermal columns

USE thermal columns

reactor triga puspati

INIS: 1985-01-17; ETDE: 1985-02-22

Malaysia.

USE rtp reactor

reactor venezolano-1

USE rv-1 reactor

REACTOR VESSELS

For nonpressurized containers of reactor cores and associated components.

UF vessels (reactor)

BT1 containers

REACTORS

Fission reactors only. For fusion reactors, use THERMONUCLEAR REACTORS, and for reactors combining both types of reactions, use HYBRID REACTORS.

UF nuclear reactors

NT1 breeder reactors

NT2 fbr type reactors

NT3 aipfr reactor

NT3 gcfr type reactors

NT4 gcfr reactor

NT3 kalpakkam pfbr reactor

NT3 lmfr type reactors

NT4 beloyarsk-3 reactor

NT4 beloyarsk-4 reactor

NT4 bn-1200 reactor

NT4 bn-1600 reactor

NT4 bn-350 reactor

NT4 bor-60 reactor

NT4 cdfr reactor

NT4 clinch river breeder reactor

NT4 dfr reactor

NT4 ebr-1 reactor

NT4 ebr-2 reactor

NT4 enrico fermi-1 reactor

NT4 joyo reactor

NT4 kalpakkam lmfr reactor

NT4 monju reactor

NT4 pfr reactor

NT4 phenix reactor

NT4 plbr reactor

NT4 rapsodie reactor

NT4 sbr-1 reactor

NT4 sbr-2 reactor

NT4 sbr-5 reactor

NT4 snr-2 reactor

NT4 snr reactor

NT4 superphenix reactor

NT4 venus reactor

NT3 pec brasimone reactor

NT3 zebra reactor

NT2 lwbr type reactors

NT1 desalination reactors

NT2 bn-350 reactor

NT1 dust cooled reactors

NT1 enriched uranium reactors

NT2 acpr reactor

NT2 aérojet-general nucleonics reactors

NT3 agn 201 costanza

NT3 agn-201k reactor

NT2 afsr reactor

NT2 agr type reactors

NT3 connah quay-b reactor

NT3 dungeness-b reactor

NT3 hartlepool reactor

NT3 heysham-a reactor

NT3 heysham-b reactor

NT3 hinkley point-b reactor

NT3 hunterston-b reactor

NT3 torness reactor

NT3 wagr reactor

NT2 ai-l-77 reactor

NT2 akr-1 reactor

NT2 alrr reactor

NT2 anex reactor

NT2 anna reactor

NT2 aps reactor

NT2 apsara reactor

NT2 arbus reactor

NT2 argonaut type reactors

NT3 aeg-pr-10 reactor

NT3 arbi reactor

NT3 argonaut reactor

NT3 argos reactor

NT3 athene reactor

NT3 jason reactor

NT3 lfr reactor

NT3 moata reactor

NT3 nestor reactor

NT3 queen mary college utr-b reactor

NT3 ra-1 reactor

NT3 rb-2 reactor

NT3 rien-1 reactor

NT3 srcc-utr-100 reactor

NT3 stark reactor

NT3 strasbourg-cronenbourg reactor

NT3 uftr reactor

NT3 ulyse reactor

NT3 urr reactor

NT3 utr-10-kinki reactor

NT3 vpi-utr-10 reactor

NT2 argus reactor

NT2 armf-1 reactor

NT2 astra reactor

NT2 atr reactor

NT2 atrc reactor

NT2 avogadro rs-1 reactor

NT2 avr reactor

NT2 bawtr reactor

NT2 beloyarsk-1 reactor

NT2 beloyarsk-2 reactor

NT2 bgrr reactor

NT2 bigr reactor

NT2 bir reactor

NT2 bor-60 reactor

NT2 borax-1 reactor

NT2 borax-2 reactor

NT2 borax-3 reactor

NT2 borax-4 reactor

NT2 borax-5 reactor

NT2 br-02 reactor

NT2 br-2 reactor

NT2 brr reactor

NT2 bsr-1 reactor

NT2 bsr-2 reactor

NT2 bwr type reactors

NT3 allens creek-1 reactor

NT3 allens creek-2 reactor

NT3 bailly-1 reactor

NT3 barsebaeck-1 reactor

NT3 barsebaeck-2 reactor

NT3 barton-1 reactor

NT3 barton-2 reactor

NT3 barton-3 reactor

NT3 barton-4 reactor

NT3 bell reactor

NT3 big rock point reactor

NT3 black fox-1 reactor

NT3 black fox-2 reactor

NT3 bolsa chica-1 reactor

NT3 bolsa chica-2 reactor

NT3 bonus reactor

NT3 browns ferry-1 reactor

NT3 browns ferry-2 reactor

NT3 browns ferry-3 reactor

NT3 brunsbuettel reactor

NT3 brunswick-1 reactor

NT3 brunswick-2 reactor

NT3 chinshan-1 reactor

NT3 chinshan-2 reactor

NT3 clinton-1 reactor

NT3 clinton-2 reactor

NT3 cofrentes reactor

NT3 cooper reactor

NT3 dodewaard reactor

NT3 douglas point-1 reactor

NT3 douglas point-2 reactor

NT3 dresden-1 reactor

NT3 dresden-2 reactor

NT3 dresden-3 reactor

NT3 duane arnold-1 reactor

NT3 ebwr reactor

NT3 enel-4 reactor

NT3 enrico fermi-2 reactor

NT3 err reactor

NT3 fitzpatrick reactor

NT3 forsmark-1 reactor

NT3 forsmark-2 reactor

NT3 forsmark-3 reactor

NT3 fukushima-1 reactor

NT3 fukushima-2 reactor

NT3 fukushima-3 reactor

NT3 fukushima-4 reactor

NT3 fukushima-5 reactor

NT3 fukushima-6 reactor

NT3 fukushima-ii-1 reactor

NT3 fukushima-ii-2 reactor

NT3 fukushima-ii-3 reactor

NT3 fukushima-ii-4 reactor

NT3 garigliano reactor

NT3 garona reactor

NT3 ge standard reactor

NT3 graben-1 reactor

NT3 graben-2 reactor

NT3 grand gulf-1 reactor

NT3 grand gulf-2 reactor

NT3 gundremmingen-2 reactor

NT3 gundremmingen-3 reactor

NT3 hamaoka-1 reactor

NT3 hamaoka-2 reactor

NT3 hamaoka-3 reactor

NT3 hamaoka-4 reactor

NT3 hamaoka-5 reactor

NT3 hartsville-1 reactor

NT3 hartsville-2 reactor

NT3 hartsville-3 reactor

NT3 hartsville-4 reactor

NT3 hatch-1 reactor

NT3 hatch-2 reactor

NT3 hdr reactor

NT3 higashidori-1 reactor

NT3 hope creek-1 reactor

NT3 hope creek-2 reactor

NT3 humboldt bay reactor

NT3 isar reactor

NT3 jpdr-2 reactor

NT3 jpdr reactor

NT3	kaiseraugst reactor	NT3	wnp-2 reactor	NT2	ian-r1 reactor
NT3	kashiwazaki-kariwa-1 reactor	NT3	wuergassen reactor	NT2	iear-1 reactor
NT3	kashiwazaki-kariwa-2 reactor	NT3	zimmer-1 reactor	NT2	ignalina-1 reactor
NT3	kashiwazaki-kariwa-3 reactor	NT3	zimmer-2 reactor	NT2	ignalina-2 reactor
NT3	kashiwazaki-kariwa-4 reactor	NT2	byu 1-77 reactor	NT2	igr reactor
NT3	kashiwazaki-kariwa-5 reactor	NT2	cabri reactor	NT2	ill high flux reactor
NT3	kashiwazaki-kariwa-6 reactor	NT2	cesnef reactor	NT2	irl reactor
NT3	kashiwazaki-kariwa-7 reactor	NT2	chernobylsk-1 reactor	NT2	irr-1 reactor
NT3	kruemmel reactor	NT2	chernobylsk-2 reactor	NT2	irt-2000 djakarta reactor
NT3	kuosheng-1 reactor	NT2	chernobylsk-3 reactor	NT2	irt-2000 moscow reactor
NT3	kuosheng-2 reactor	NT2	chernobylsk-4 reactor	NT2	irt-c reactor
NT3	la salle county-1 reactor	NT2	consort-2 reactor	NT2	irt-f reactor
NT3	la salle county-2 reactor	NT2	coral-1 reactor	NT2	irt reactor
NT3	lacbwr reactor	NT2	cp-3m reactor	NT2	irt-sofia reactor
NT3	laguna verde-1 reactor	NT2	cp-5 reactor	NT2	isis reactor
NT3	laguna verde-2 reactor	NT2	cvtr reactor	NT2	ispra-1 reactor
NT3	leibstadt reactor	NT2	delphi reactor	NT2	ivv-2m reactor
NT3	limerick-1 reactor	NT2	democritus reactor	NT2	janus reactor
NT3	limerick-2 reactor	NT2	dfr reactor	NT2	jeep-2 reactor
NT3	lingen reactor	NT2	dido reactor	NT2	jen-1 reactor
NT3	lungmen-1 reactor	NT2	dmttr reactor	NT2	jen reactor
NT3	lungmen-2 reactor	NT2	dr-1 reactor	NT2	jmtr reactor
NT3	mendocino-1 reactor	NT2	dr-2 reactor	NT2	jordan subcritical assembly
NT3	mendocino-2 reactor	NT2	dr-3 reactor	NT2	jrr-1 reactor
NT3	millstone-1 reactor	NT2	dragon reactor	NT2	jrr-2 reactor
NT3	montague-1 reactor	NT2	ebor reactor	NT2	jrr-3m reactor
NT3	montague-2 reactor	NT2	egcr reactor	NT2	jrr-4 reactor
NT3	montalto di castro-1 reactor	NT2	el-3 reactor	NT2	jules horowitz reactor
NT3	montalto di castro-2 reactor	NT2	el-4 reactor	NT2	klt-40 reactors
NT3	monticello reactor	NT2	enrico fermi-1 reactor	NT2	klt-40m reactors
NT3	muehleberg reactor	NT2	entc lwsr reactor	NT2	knk-2 reactor
NT3	nine mile point-1 reactor	NT2	eocr reactor	NT2	knk reactor
NT3	nine mile point-2 reactor	NT2	es-salam reactor	NT2	kuca reactor
NT3	okg-1 reactor	NT2	esada-vesr reactor	NT2	kuhfr reactor
NT3	okg-2 reactor	NT2	essor reactor	NT2	kur reactor
NT3	okg-3 reactor	NT2	etr reactor	NT2	kursk-1 reactor
NT3	olkiluoto-1 reactor	NT2	etrc reactor	NT2	kursk-2 reactor
NT3	olkiluoto-2 reactor	NT2	etrr-2 reactor	NT2	kursk-3 reactor
NT3	onagawa-1 reactor	NT2	evsr reactor	NT2	kursk-4 reactor
NT3	onagawa-2 reactor	NT2	ewg-1 reactor	NT2	leningrad-1 reactor
NT3	onagawa-3 reactor	NT2	fmr reactor	NT2	leningrad-2 reactor
NT3	oyster creek-1 reactor	NT2	fmr reactor	NT2	leningrad-3 reactor
NT3	pathfinder reactor	NT2	fmr reactor	NT2	leningrad-4 reactor
NT3	peach bottom-2 reactor	NT2	fr-0 reactor	NT2	lido reactor
NT3	peach bottom-3 reactor	NT2	frf reactor	NT2	litr reactor
NT3	perry-1 reactor	NT2	frg-1 reactor	NT2	lpr reactor
NT3	perry-2 reactor	NT2	frg-2 reactor	NT2	lprr reactor
NT3	philippsburg-1 reactor	NT2	frj-1 reactor	NT2	lucens reactor
NT3	phippis bend-1 reactor	NT2	frj-2 reactor	NT2	maple reactor
NT3	phippis bend-2 reactor	NT2	frm-ii reactor	NT2	maple type reactors
NT3	pilgrim-1 reactor	NT2	frm reactor	NT2	maria reactor
NT3	quad cities-1 reactor	NT2	fulton-1 reactor	NT2	marviken reactor
NT3	quad cities-2 reactor	NT2	fulton-2 reactor	NT2	maryla reactor
NT3	ringhals-1 reactor	NT2	ga siwabessy reactor	NT2	masurca reactor
NT3	river bend-1 reactor	NT2	ga standard reactor	NT2	melusine-1 reactor
NT3	river bend-2 reactor	NT2	getr reactor	NT2	merlin reactor
NT3	rwe-bayernwerk reactor	NT2	giacint reactor	NT2	minerve reactor
NT3	shika-1 reactor	NT2	gidra reactor	NT2	mitr reactor
NT3	shika-2 reactor	NT2	gtr reactor	NT2	ml-1 reactor
NT3	shimane-1 reactor	NT2	hanaro reactor	NT2	mnr reactor
NT3	shimane-2 reactor	NT2	harmonie reactor	NT2	mnsr type reactors
NT3	shimane-3 reactor	NT2	hbwr reactor	NT3	entc mnsr reactor
NT3	shoreham reactor	NT2	hector reactor	NT3	gharr-1 reactor
NT3	skagit-1 reactor	NT2	herald reactor	NT3	mnsr-clae reactor
NT3	skagit-2 reactor	NT2	hero reactor	NT3	mnsr-sd reactor
NT3	sl-1 reactor	NT2	hfbr reactor	NT3	mnsr-sh reactor
NT3	susquehanna-1 reactor	NT2	hfetr reactor	NT3	mnsr-sz reactor
NT3	susquehanna-2 reactor	NT2	hfir reactor	NT3	nirr-1 reactor
NT3	tarapur-1 reactor	NT2	hfr reactor	NT3	parr-2 reactor
NT3	tarapur-2 reactor	NT2	hifar reactor	NT3	srr-1 reactor
NT3	tokai-2 reactor	NT2	hnpf reactor	NT2	mrr reactor
NT3	tsuruga reactor	NT2	hor reactor	NT2	msre reactor
NT3	tullnerfeld reactor	NT2	horace reactor	NT2	mtr reactor
NT3	vak reactor	NT2	hpr reactor	NT2	murr reactor
NT3	vbwr reactor	NT2	hre-2 reactor	NT2	n-reactor
NT3	vermont yankee reactor	NT2	hltr reactor	NT2	ncscr-1 reactor
NT3	verplanck-1 reactor	NT2	htr-10 reactor	NT2	nevada university reactor
NT3	verplanck-2 reactor	NT2	htr reactor	NT2	nhf-5 reactor
NT3	vk-50 reactor	NT2	httr reactor	NT2	niederaichbach reactor
		NT2	hwctr reactor		

NT2	nsrr reactor	NT3	calhoun-2 reactor	NT3	genkai-2 reactor
NT2	ntr reactor	NT3	callaway-1 reactor	NT3	genkai-3 reactor
NT2	nuclear furnace reactor	NT3	callaway-2 reactor	NT3	genkai-4 reactor
NT2	nur reactor	NT3	calvert cliffs-1 reactor	NT3	ginna-1 reactor
NT2	ok-900a reactors	NT3	calvert cliffs-2 reactor	NT3	goesgen reactor
NT2	oldbury-b reactor	NT3	carem 25 reactor	NT3	golfech-1 reactor
NT2	omre reactor	NT3	catawba-1 reactor	NT3	golfech-2 reactor
NT2	opal reactor	NT3	catawba-2 reactor	NT3	grafenrheinfeld reactor
NT2	orr reactor	NT3	cattenom-1 reactor	NT3	gravelines-1 reactor
NT2	osiris reactor	NT3	cattenom-2 reactor	NT3	gravelines-2 reactor
NT2	owr reactor	NT3	cattenom-3 reactor	NT3	gravelines-3 reactor
NT2	parr-1 reactor	NT3	cattenom-4 reactor	NT3	gravelines-4 reactor
NT2	pbr reactor	NT3	ce standard reactor	NT3	gravelines-5 reactor
NT2	pctr reactor	NT3	changjiang-1 reactor	NT3	gravelines-6 reactor
NT2	peach bottom-1 reactor	NT3	changjiang-2 reactor	NT3	greene county reactor
NT2	pegase reactor	NT3	chasnupp-1 reactor	NT3	greenwood-2 reactor
NT2	peggy reactor	NT3	chasnupp-2 reactor	NT3	greenwood-3 reactor
NT2	pelinduna reactor	NT3	chasnupp-3 reactor	NT3	grohnde reactor
NT2	perryman-1 reactor	NT3	cherokee-1 reactor	NT3	hamm-uentrop reactor
NT2	perryman-2 reactor	NT3	cherokee-2 reactor	NT3	hanbit-1 reactor
NT2	phebus reactor	NT3	cherokee-3 reactor	NT3	hanbit-2 reactor
NT2	phenix reactor	NT3	chinon-b1 reactor	NT3	hanbit-3 reactor
NT2	pik physical model reactor	NT3	chinon-b2 reactor	NT3	hanbit-4 reactor
NT2	pik reactor	NT3	chinon-b3 reactor	NT3	hanbit-5 reactor
NT2	pluto reactor	NT3	chinon-b4 reactor	NT3	hanbit-6 reactor
NT2	pnpf reactor	NT3	chooz-a reactor	NT3	harris-1 reactor
NT2	pmc-1-77 reactor	NT3	chooz-b1 reactor	NT3	harris-2 reactor
NT2	proteus reactor	NT3	chooz-b2 reactor	NT3	harris-3 reactor
NT2	pr-1 reactor	NT3	civaux-1 reactor	NT3	harris-4 reactor
NT2	pr reactor	NT3	civaux-2 reactor	NT3	haven-1 reactor
NT2	ptr reactor	NT3	comanche peak-1 reactor	NT4	koshkonong-1 reactor
NT2	pulstar-buffalo reactor	NT3	comanche peak-2 reactor	NT3	haven-2 reactor
NT2	pur-1 reactor	NT3	connecticut yankee reactor	NT4	koshkonong-2 reactor
NT2	pwr type reactors	NT3	cook-1 reactor	NT3	hongyanhe-1 reactor
NT3	aguirre reactor	NT3	cook-2 reactor	NT3	hongyanhe-2 reactor
NT3	almaraz-1 reactor	NT3	cruas-1 reactor	NT3	hongyanhe-3 reactor
NT3	almaraz-2 reactor	NT3	cruas-2 reactor	NT3	hongyanhe-4 reactor
NT3	angra-1 reactor	NT3	cruas-3 reactor	NT3	ikata-2 reactor
NT3	angra-2 reactor	NT3	cruas-4 reactor	NT3	ikata-3 reactor
NT3	angra-3 reactor	NT3	crystal river-3 reactor	NT3	ikata reactor
NT3	arkansas-1 reactor	NT3	crystal river-4 reactor	NT3	indian point-1 reactor
NT3	arkansas-2 reactor	NT3	dampierre-1 reactor	NT3	indian point-2 reactor
NT3	asco-1 reactor	NT3	dampierre-2 reactor	NT3	indian point-3 reactor
NT3	asco-2 reactor	NT3	dampierre-3 reactor	NT3	iran-1 reactor
NT3	atlantic-1 reactor	NT3	dampierre-4 reactor	NT3	iran-2 reactor
NT3	atlantic-2 reactor	NT3	davis besse-1 reactor	NT3	isar-2 reactor
NT3	basf-1 reactor	NT3	davis besse-2 reactor	NT3	jamesport-1 reactor
NT3	basf-2 reactor	NT3	davis besse-3 reactor	NT3	jamesport-2 reactor
NT3	beaver valley-1 reactor	NT3	daya bay-1 reactor	NT3	kewaunee reactor
NT3	beaver valley-2 reactor	NT3	daya bay-2 reactor	NT3	klt-40 reactors
NT3	bellefonte-1 reactor	NT3	diablo canyon-1 reactor	NT3	klt-40m reactors
NT3	bellefonte-2 reactor	NT3	diablo canyon-2 reactor	NT3	klt-40s reactor
NT3	belleville-1 reactor	NT3	doel-1 reactor	NT3	koeberg-1 reactor
NT3	belleville-2 reactor	NT3	doel-2 reactor	NT3	koeberg-2 reactor
NT3	beznau-1 reactor	NT3	doel-3 reactor	NT3	kori-1 reactor
NT3	beznau-2 reactor	NT3	doel-4 reactor	NT3	kori-2 reactor
NT3	biblis-1 reactor	NT3	efdr-50 reactor	NT3	kori-3 reactor
NT3	biblis-2 reactor	NT3	emslan reactor	NT3	kori-4 reactor
NT3	biblis-3 reactor	NT3	erie-1 reactor	NT3	krsko reactor
NT3	biblis-4 reactor	NT3	erie-2 reactor	NT3	lemoniz-1 reactor
NT3	blayais-1 reactor	NT3	fangchenggang-1 reactor	NT3	lemoniz-2 reactor
NT3	blayais-2 reactor	NT3	fangchenggang-2 reactor	NT3	lenin reactor
NT3	blayais-3 reactor	NT3	fangjiashan-1 reactor	NT3	leonid brezhnev reactor
NT3	blayais-4 reactor	NT3	fangjiashan-2 reactor	NT3	lingao-1 reactor
NT3	blue hills-1 reactor	NT3	farley-1 reactor	NT3	lingao-2 reactor
NT3	blue hills-2 reactor	NT3	farley-2 reactor	NT3	lingao-3 reactor
NT3	borssele reactor	NT3	fessenheim-1 reactor	NT3	lingao-4 reactor
NT3	br-3 reactor	NT3	fessenheim-2 reactor	NT3	loft reactor
NT3	braidwood-1 reactor	NT3	flamanville-1 reactor	NT3	lucie-1 reactor
NT3	braidwood-2 reactor	NT3	flamanville-2 reactor	NT3	lucie-2 reactor
NT3	brokdorf reactor	NT3	flamanville-3 reactor	NT3	maanshan-1 reactor
NT3	bugey-2 reactor	NT3	forked river-1 reactor	NT3	maanshan-2 reactor
NT3	bugey-3 reactor	NT3	fuqing-1 reactor	NT3	maine yankee reactor
NT3	bugey-4 reactor	NT3	fuqing-2 reactor	NT3	malibu-1 reactor
NT3	bugey-5 reactor	NT3	fuqing-3 reactor	NT3	marble hill-1 reactor
NT3	bw standard reactor	NT3	fuqing-4 reactor	NT3	marble hill-2 reactor
NT3	byron-1 reactor	NT3	fuqing-5 reactor	NT3	mc guire-1 reactor
NT3	byron-2 reactor	NT3	fuqing-6 reactor	NT3	mc guire-2 reactor
NT3	calhoun-1 reactor	NT3	genkai-1 reactor	NT3	mh-1a reactor

NT3	midland-1 reactor	NT3	ringhals-4 reactor	NT3	vogtle-2 reactor
NT3	midland-2 reactor	NT3	robinson-2 reactor	NT3	vogtle-3 reactor
NT3	mihama-1 reactor	NT3	rooppur reactor	NT3	vogtle-4 reactor
NT3	mihama-2 reactor	NT3	rowe yankee reactor	NT3	waterford-3 reactor
NT3	mihama-3 reactor	NT3	s1c prototype reactor	NT3	waterford-4 reactor
NT3	millstone-2 reactor	NT3	saint alban-1 reactor	NT3	watts bar-1 reactor
NT3	millstone-3 reactor	NT3	saint alban-2 reactor	NT3	watts bar-2 reactor
NT3	muelheim-kaerlich reactor	NT3	saint laurent-b1 reactor	NT3	westinghouse standard reactor
NT3	mutsu reactor	NT3	saint laurent-b2 reactor	NT3	wnp-1 reactor
NT3	neckar-1 reactor	NT3	salem-1 reactor	NT3	wnp-3 reactor
NT3	neckar-2 reactor	NT3	salem-2 reactor	NT3	wnp-4 reactor
NT3	nep-1 reactor	NT3	san onofre-1 reactor	NT3	wnp-5 reactor
NT3	nep-2 reactor	NT3	san onofre-2 reactor	NT3	wolf creek-1 reactor
NT3	neupotz-1 reactor	NT3	san onofre-3 reactor	NT3	wup-3 reactor
NT3	neupotz-2 reactor	NT3	savannah reactor	NT3	wup-4 reactor
NT3	ningde-1 reactor	NT3	saxton reactor	NT3	wup-5 reactor
NT3	ningde-2 reactor	NT3	seabrook-1 reactor	NT3	wup-6 reactor
NT3	ningde-3 reactor	NT3	seabrook-2 reactor	NT3	wwer type reactors
NT3	ningde-4 reactor	NT3	selni reactor	NT4	armenian-1 reactor
NT3	nogent-1 reactor	NT3	sendai-1 reactor	NT4	armenian-2 reactor
NT3	nogent-2 reactor	NT3	sendai-2 reactor	NT4	balakovo-1 reactor
NT3	north anna-1 reactor	NT3	sequoyah-1 reactor	NT4	balakovo-2 reactor
NT3	north anna-2 reactor	NT3	sequoyah-2 reactor	NT4	balakovo-3 reactor
NT3	north anna-3 reactor	NT3	shin-kori-1 reactor	NT4	balakovo-4 reactor
NT3	north anna-4 reactor	NT3	shin-kori-2 reactor	NT4	blahutovice-1 reactor
NT3	north coast-1 reactor	NT3	shin-kori-3 reactor	NT4	bohunice v-1 reactor
NT3	obrigheim reactor	NT3	shin-wolsong-1 reactor	NT4	bohunice v-2 reactor
NT3	oconee-1 reactor	NT3	shippingport reactor	NT4	dukovany-1 reactor
NT3	oconee-2 reactor	NT3	sizewell-b reactor	NT4	dukovany-2 reactor
NT3	oconee-3 reactor	NT3	sm-1 reactor	NT4	dukovany-3 reactor
NT3	oi-1 reactor	NT3	sm-1a reactor	NT4	dukovany-4 reactor
NT3	oi-2 reactor	NT3	south texas project-1 reactor	NT4	greifswald-1 reactor
NT3	oi-3 reactor	NT3	south texas project-2 reactor	NT4	greifswald-2 reactor
NT3	oi-4 reactor	NT3	stade reactor	NT4	greifswald-3 reactor
NT3	ok-900a reactors	NT3	sterling-1 reactor	NT4	greifswald-4 reactor
NT3	oktemberyan-2 reactor	NT3	sterling-2 reactor	NT4	greifswald-5 reactor
NT3	olkiluoto-3 reactor	NT3	summer-1 reactor	NT4	greifswald-6 reactor
NT3	otto hahn reactor	NT3	sundesert-1 reactor	NT4	juragua-1 reactor
NT3	palisades-1 reactor	NT3	sundesert-2 reactor	NT4	kalinin-1 reactor
NT3	palo verde-1 reactor	NT3	surry-1 reactor	NT4	kalinin-2 reactor
NT3	palo verde-2 reactor	NT3	surry-2 reactor	NT4	kalinin-3 reactor
NT3	palo verde-3 reactor	NT3	surry-3 reactor	NT4	kalinin-4 reactor
NT3	palo verde-4 reactor	NT3	surry-4 reactor	NT4	kecerovce-1 reactor
NT3	palo verde-5 reactor	NT3	takahama-1 reactor	NT4	khmelnitskij-1 reactor
NT3	paluel-1 reactor	NT3	takahama-2 reactor	NT4	khmelnitskij-2 reactor
NT3	paluel-2 reactor	NT3	takahama-3 reactor	NT4	kola-1 reactor
NT3	paluel-3 reactor	NT3	takahama-4 reactor	NT4	kola-2 reactor
NT3	paluel-4 reactor	NT3	three mile island-1 reactor	NT4	kola-3 reactor
NT3	pat reactor	NT3	three mile island-2 reactor	NT4	kola-4 reactor
NT3	pebble springs-1 reactor	NT3	tihang-2 reactor	NT4	kozloduy-1 reactor
NT3	pebble springs-2 reactor	NT3	tihang-3 reactor	NT4	kozloduy-2 reactor
NT3	penly-1 reactor	NT3	tihang reactor	NT4	kozloduy-3 reactor
NT3	penly-2 reactor	NT3	tomari-1 reactor	NT4	kozloduy-4 reactor
NT3	penly-3 reactor	NT3	tomari-2 reactor	NT4	kozloduy-5 reactor
NT3	perkins-1 reactor	NT3	tomari-3 reactor	NT4	kozloduy-6 reactor
NT3	perkins-2 reactor	NT3	tricastin-1 reactor	NT4	kudankulam-1 reactor
NT3	perkins-3 reactor	NT3	tricastin-2 reactor	NT4	kudankulam-2 reactor
NT3	philippsburg-2 reactor	NT3	tricastin-3 reactor	NT4	loviisa-1 reactor
NT3	pilgrim-2 reactor	NT3	tricastin-4 reactor	NT4	loviisa-2 reactor
NT3	pilgrim-3 reactor	NT3	trillo-1 reactor	NT4	mochovce-1 reactor
NT3	pm-2a reactor	NT3	trojan reactor	NT4	mochovce-2 reactor
NT3	pm-3a reactor	NT3	tsuruga-2 reactor	NT4	novovoronezh-1 reactor
NT3	pnpp-1 reactor	NT3	turkey point-3 reactor	NT4	novovoronezh-2 reactor
NT3	point beach-1 reactor	NT3	turkey point-4 reactor	NT4	novovoronezh-3 reactor
NT3	point beach-2 reactor	NT3	tva-1 reactor	NT4	novovoronezh-4 reactor
NT3	prairie island-1 reactor	NT3	tva-2 reactor	NT4	novovoronezh-5 reactor
NT3	prairie island-2 reactor	NT3	tyrone-1 reactor	NT4	paks-1 reactor
NT3	qinshan-1 reactor	NT3	tyrone-2 reactor	NT4	paks-2 reactor
NT3	qinshan-2-1 reactor	NT3	ulchin-1 reactor	NT4	paks-3 reactor
NT3	qinshan-2-2 reactor	NT3	ulchin-2 reactor	NT4	paks-4 reactor
NT3	qinshan-2-3 reactor	NT3	ulchin-3 reactor	NT4	rostov-1 reactor
NT3	qinshan-2-4 reactor	NT3	ulchin-4 reactor	NT4	rostov-2 reactor
NT3	quanicassee-1 reactor	NT3	ulchin-5 reactor	NT4	rostov-3 reactor
NT3	quanicassee-2 reactor	NT3	ulchin-6 reactor	NT4	rovno-1 reactor
NT3	rancho seco-1 reactor	NT3	unterweser reactor	NT4	rovno-2 reactor
NT3	remerschen reactor	NT3	vahnum-1 reactor	NT4	rovno-3 reactor
NT3	rheinsberg akw1 reactor	NT3	vahnum-2 reactor	NT4	rovno-4 reactor
NT3	ringhals-2 reactor	NT3	vandellos-2 reactor	NT4	rovno-5 reactor
NT3	ringhals-3 reactor	NT3	vogtle-1 reactor	NT4	south ukrainian-1 reactor

NT4	south ukrainian-2 reactor	NT2	spert-4 reactor	NT2	tz2 reactor
NT4	south ukrainian-3 reactor	NT2	sr-1 reactor	NT2	uhtrex reactor
NT4	stendal-1 reactor	NT2	sr-0a reactor	NT2	uknr reactor
NT4	tatarian reactor	NT2	sre reactor	NT2	umne-1 reactor
NT4	temelin-1 reactor	NT2	stacy reactor	NT2	umrr reactor
NT4	temelin-2 reactor	NT2	stek reactor	NT2	utrr reactor
NT4	tianwan-1 reactor	NT2	stir reactor	NT2	uvar reactor
NT4	tianwan-2 reactor	NT2	summit-1 reactor	NT2	uwtr reactor
NT4	zaporozhe-1 reactor	NT2	summit-2 reactor	NT2	venus reactor
NT4	zaporozhe-2 reactor	NT2	superphenix reactor	NT2	vg-400 reactor
NT4	zaporozhe-3 reactor	NT2	supo reactor	NT2	vgr-50 reactor
NT4	zaporozhe-4 reactor	NT2	sur-100 series reactor	NT2	vhtr reactor
NT4	zaporozhe-5 reactor	NT2	tca reactor	NT2	vidal-1 reactor
NT4	zaporozhe-6 reactor	NT2	thetis reactor	NT2	vidal-2 reactor
NT3	wyhl-1 reactor	NT2	thor reactor	NT2	viper reactor
NT3	wyhl-2 reactor	NT2	thtr-300 reactor	NT2	vr-1 reactor
NT3	yangjiang-1 reactor	NT2	tibr reactor	NT2	vrain reactor
NT3	yangjiang-2 reactor	NT2	toshiba reactor	NT2	wntr reactor
NT3	yangjiang-3 reactor	NT2	tr-1 reactor	NT2	wpir reactor
NT3	yangjiang-4 reactor	NT2	tr-2 reactor	NT2	wr-1 reactor
NT3	yellow creek-1 reactor	NT2	tracy reactor	NT2	wrrr reactor
NT3	yellow creek-2 reactor	NT2	treat reactor	NT2	wtr reactor
NT3	zion-1 reactor	NT2	triga type reactors	NT2	wwr type reactors
NT3	zion-2 reactor	NT3	aftri reactor	NT3	budapest training reactor
NT3	zorita-1 reactor	NT3	atpr reactor	NT3	irt-1 libya reactor
NT2	r-2 reactor	NT3	colorado triga-mk-3 reactor	NT3	irt-baghdad reactor
NT2	r-a reactor	NT3	cornell triga-mk-2 reactor	NT3	lvr-15 reactor
NT2	r2-0 reactor	NT3	dow triga-mk-1 reactor	NT3	wwr-2 reactor
NT2	ra-5 reactor	NT3	fir-1 reactor	NT3	wwr-k-almaty reactor
NT2	ra-6 reactor	NT3	frf-2 reactor	NT3	wwr-k cf reactor
NT2	ra-8 reactor	NT3	fm reactor	NT3	wwr-m-kiev reactor
NT2	rana reactor	NT3	gulf triga-mk-3 reactor	NT3	wwr-m-leningrad reactor
NT2	rapsodie reactor	NT3	itu-trr reactor	NT3	wwr-s-bucharest reactor
NT2	rb-1 reactor	NT3	kartini-ppny reactor	NT3	wwr-s-budapest reactor
NT2	rg-1m reactor	NT3	lopra reactor	NT3	wwr-s-cairo reactor
NT2	ritmo reactor	NT3	ma-r1 reactor	NT3	wwr-s-moscow reactor
NT2	rmb reactor	NT3	nscr reactor	NT3	wwr-s-prague reactor
NT2	rospo reactor	NT3	ostr reactor	NT3	wwr-s-tashkent reactor
NT2	rpt reactor	NT3	prpr reactor	NT3	wwr-sm rossendorf reactor
NT2	rts-1 reactor	NT3	psbr reactor	NT3	wwr-z reactor
NT2	rv-1 reactor	NT3	rtp reactor	NT2	xma-1 reactor
NT2	safari-1 reactor	NT3	trico ii reactor	NT2	zlfr reactor
NT2	saphir reactor	NT3	trico reactor	NT2	zpr reactor
NT2	sbr-1 reactor	NT3	triga-1-arizona reactor	NT1	epithermal reactors
NT2	schmehausen-2 reactor	NT3	triga-1-california reactor	NT2	fast reactors
NT2	ser reactor	NT3	triga-1-hanford reactor	NT3	actinide burner reactors
NT2	sghwr reactor	NT3	triga-1-hanover reactor	NT3	afsr reactor
NT2	shca reactor	NT3	triga-1-heidelberg reactor	NT3	aprf reactor
NT2	silene reactor	NT3	triga-1-michigan reactor	NT3	bfs reactor
NT2	siloe reactor	NT3	triga-2-bandung reactor	NT3	bigr reactor
NT2	silhouette reactor	NT3	triga-2-bangladesh reactor	NT3	bir reactor
NT2	slowpoke type reactors	NT3	triga-2-dalat reactor	NT3	brest-od-300 reactor
NT3	slowpoke-alberta reactor	NT3	triga-2-illinois reactor	NT3	cefr reactor
NT3	slowpoke-dalhousie reactor	NT3	triga-2-kansas reactor	NT3	cfrmf reactor
NT3	slowpoke-mona reactor	NT3	triga-2-ljubljana reactor	NT3	clementine reactor
NT3	slowpoke-montreal reactor	NT3	triga-2-mainz reactor	NT3	coral-1 reactor
NT3	slowpoke-ottawa reactor	NT3	triga-2-musashi reactor	NT3	ecel reactor
NT3	slowpoke rmc reactor	NT3	triga-2-pavia reactor	NT3	fbr type reactors
NT3	slowpoke src reactor	NT3	triga-2-pitesti reactor	NT4	aipfr reactor
NT3	slowpoke-toronto reactor	NT3	triga-2-pitesti-ss-core reactor	NT4	gcfr type reactors
NT3	slowpoke-wnre reactor	NT3	triga-2 reactor	NT5	gcfr reactor
NT2	smolensk-1 reactor	NT3	triga-2-rikkyo reactor	NT4	kalpakkam pfbr reactor
NT2	smolensk-2 reactor	NT3	triga-2-rome reactor	NT4	lmfbr type reactors
NT2	smolensk-3 reactor	NT3	triga-2-seoul reactor	NT5	beloyarsk-3 reactor
NT2	snap 10 reactor	NT3	triga-2-vienna reactor	NT5	beloyarsk-4 reactor
NT3	s10fs-1 reactor	NT3	triga-3-la jolla reactor	NT5	bn-1200 reactor
NT3	s10fs-3 reactor	NT3	triga-3-munich reactor	NT5	bn-1600 reactor
NT3	s10fs-4 reactor	NT3	triga-3-salazar reactor	NT5	bn-350 reactor
NT2	snap 2 reactor	NT3	triga-3-seoul reactor	NT5	bor-60 reactor
NT3	s2ds reactor	NT3	triga-brazil reactor	NT5	cdfr reactor
NT2	snap 50 reactor	NT3	triga-texas reactor	NT5	clinch river breeder reactor
NT2	snap 8 reactor	NT3	triga-veterans reactor	NT5	dfr reactor
NT3	s8dr reactor	NT3	ucbrr reactor	NT5	ebr-1 reactor
NT3	s8er reactor	NT3	uwnr reactor	NT5	ebr-2 reactor
NT2	snap-tsfr reactor	NT3	wsur reactor	NT5	enrico fermi-1 reactor
NT2	naptran reactors	NT2	triton reactor	NT5	joyo reactor
NT2	spert-1 reactor	NT2	trr-1 reactor	NT5	kalpakkam lmfbr reactor
NT2	spert-2 reactor	NT2	tsr-1 reactor	NT5	monju reactor
NT2	spert-3 reactor	NT2	tz1 reactor	NT5	pfr reactor

NT5	phenix reactor	NT3	br-1 reactor	NT3	chinon-a2 reactor
NT5	plbr reactor	NT3	g-1 reactor	NT3	chinon-a3 reactor
NT5	rapsodie reactor	NT3	gleep reactor	NT3	g-1 reactor
NT5	sbr-1 reactor	NT3	harmonie reactor	NT3	g-2 reactor
NT5	sbr-2 reactor	NT3	hprr reactor	NT3	g-3 reactor
NT5	sbr-5 reactor	NT3	kalpakkam pfr reactor	NT3	magnox type reactors
NT5	snr-2 reactor	NT3	masurca reactor	NT4	berkeley reactor
NT5	snr reactor	NT3	sneak reactor	NT4	bradwell reactor
NT5	superphenix reactor	NT3	stf reactor	NT4	calder hall a-1 reactor
NT5	venus reactor	NT3	tory-2a reactor	NT4	calder hall a-2 reactor
NT4	pec brasimone reactor	NT3	tory-2c reactor	NT4	calder hall b-3 reactor
NT4	zebra reactor	NT3	treat reactor	NT4	calder hall b-4 reactor
NT3	fbrf reactor	NT3	windscale production reactors	NT4	chapelcross-1 reactor
NT3	fca reactor	NT3	x-10 reactor	NT4	chapelcross-2 reactor
NT3	fftf reactor	NT3	xma-1 reactor	NT4	chapelcross-3 reactor
NT3	fr-0 reactor	NT3	zed-2 reactor	NT4	chapelcross-4 reactor
NT3	harmonie reactor	NT2	carbon dioxide cooled reactors	NT4	dungeness-a reactor
NT3	hprr reactor	NT3	berkeley reactor	NT4	hinkley point-a reactor
NT3	ibr-2 reactor	NT3	bohunice a-1 reactor	NT4	hunterston-a reactor
NT3	ibr-30 reactor	NT3	bradwell reactor	NT4	latina reactor
NT3	ifr reactor	NT3	bugey-1 reactor	NT4	oldbury-a reactor
NT3	kalpakkam pfr reactor	NT3	calder hall a-1 reactor	NT4	sizewell-a reactor
NT3	kbr-1 reactor	NT3	calder hall a-2 reactor	NT4	tokai-mura reactor
NT3	knk-2 reactor	NT3	calder hall b-3 reactor	NT4	trawsfynydd reactor
NT3	lampre-1 reactor	NT3	calder hall b-4 reactor	NT4	wylfa reactor
NT3	masurca reactor	NT3	cesar reactor	NT3	saint laurent-a1 reactor
NT3	myrrha facility	NT3	chapelcross-1 reactor	NT3	saint laurent-a2 reactor
NT3	pumima-2 reactor	NT3	chapelcross-2 reactor	NT3	vandellos reactor
NT3	pumima reactor	NT3	chapelcross-3 reactor	NT2	helium cooled reactors
NT3	saref reactor	NT3	chapelcross-4 reactor	NT3	avr reactor
NT3	sefor reactor	NT3	chinon-a1 reactor	NT3	dragon reactor
NT3	sneak reactor	NT3	chinon-a2 reactor	NT3	ebor reactor
NT3	sora reactor	NT3	chinon-a3 reactor	NT3	egcr reactor
NT3	stf reactor	NT3	connah quay-b reactor	NT3	fulton-1 reactor
NT3	tapiro reactor	NT3	dungeness-a reactor	NT3	fulton-2 reactor
NT3	tibr reactor	NT3	dungeness-b reactor	NT3	gcfr reactor
NT3	vera reactor	NT3	el-2 reactor	NT3	gcre reactor
NT3	viper reactor	NT3	el-4 reactor	NT3	htr-10 reactor
NT3	wntr reactor	NT3	g-2 reactor	NT3	htrr reactor
NT3	yayoi reactor	NT3	g-3 reactor	NT3	iea-zpr reactor
NT3	zephyr reactor	NT3	hartlepool reactor	NT3	peach bottom-1 reactor
NT3	zppr reactor	NT3	hector reactor	NT3	schmehausen-2 reactor
NT3	zpr-3 reactor	NT3	hero reactor	NT3	summit-1 reactor
NT3	zpr-6 reactor	NT3	heysham-a reactor	NT3	summit-2 reactor
NT3	zpr-9 reactor	NT3	heysham-b reactor	NT3	thtr-300 reactor
NT3	zrr reactor	NT3	hinkley point-a reactor	NT3	uhtrex reactor
NT2	intermediate reactors	NT3	hinkley point-b reactor	NT3	vg-400 reactor
NT3	thor reactor	NT3	hunterston-a reactor	NT3	vgr-50 reactor
NT1	fluid fueled reactors	NT3	hunterston-b reactor	NT3	vhtr reactor
NT2	gas fueled reactors	NT3	latina reactor	NT3	vidal-1 reactor
NT3	coaxial flow reactors	NT3	lucens reactor	NT3	vidal-2 reactor
NT3	light bulb reactors	NT3	niederaichbach reactor	NT3	vrain reactor
NT3	plasma core assembly	NT3	oldbury-a reactor	NT2	htgr type reactors
NT2	liquid homogeneous reactors	NT3	oldbury-b reactor	NT3	avr reactor
NT3	aqueous homogeneous reactors	NT3	saint laurent-a1 reactor	NT3	dragon reactor
NT4	ai-l-77 reactor	NT3	saint laurent-a2 reactor	NT3	fulton-1 reactor
NT4	argus reactor	NT3	sizewell-a reactor	NT3	fulton-2 reactor
NT4	ber-2 reactor	NT3	tokai-mura reactor	NT3	ga standard reactor
NT4	byu l-77 reactor	NT3	tomess reactor	NT3	htr-10 reactor
NT4	cesnef reactor	NT3	trawsfynydd reactor	NT3	htrr reactor
NT4	dr-1 reactor	NT3	vandellos reactor	NT3	kahter reactor
NT4	frf reactor	NT3	wagr reactor	NT3	peach bottom-1 reactor
NT4	gidra reactor	NT3	wylfa reactor	NT3	schmehausen-2 reactor
NT4	hre-2 reactor	NT2	ewg-1 reactor	NT3	summit-1 reactor
NT4	jrr-1 reactor	NT2	gcfr type reactors	NT3	summit-2 reactor
NT4	kewb reactor	NT3	gcfr reactor	NT3	thtr-300 reactor
NT4	kstr reactor	NT2	gcr type reactors	NT3	vg-400 reactor
NT4	ncscr-1 reactor	NT3	agr type reactors	NT3	vgr-50 reactor
NT4	nevada university reactor	NT4	connah quay-b reactor	NT3	vhtr reactor
NT4	pmc-l-77 reactor	NT4	dungeness-b reactor	NT3	vidal-1 reactor
NT4	supo reactor	NT4	hartlepool reactor	NT3	vidal-2 reactor
NT4	wrrr reactor	NT4	heysham-a reactor	NT3	vrain reactor
NT2	molten salt fueled reactors	NT4	heysham-b reactor	NT2	hwgcr type reactors
NT1	fog cooled reactors	NT4	hinkley point-b reactor	NT3	bohunice a-1 reactor
NT1	gas cooled reactors	NT4	hunterston-b reactor	NT3	bohunice a-2 reactor
NT2	air cooled reactors	NT4	tomess reactor	NT3	el-4 reactor
NT3	afsr reactor	NT4	wagr reactor	NT3	lucens reactor
NT3	bepo reactor	NT3	bugey-1 reactor	NT3	niederaichbach reactor
NT3	bgr reactor	NT3	chinon-a1 reactor	NT2	hydrogen cooled reactors

- NT3 kiwi reactors
 NT4 kiwi-tnt reactor
 NT3 nerva reactor
 NT3 nrx-a2 reactor
 NT3 nrx-a3 reactor
 NT3 nrx-a4-est reactor
 NT3 nrx-a5 reactor
 NT3 nrx-a6 reactor
 NT3 pewee-1 reactor
 NT3 pewee-2 reactor
 NT3 pewee-3 reactor
 NT3 pewee-4 reactor
 NT3 phoebus-1a reactor
 NT3 phoebus-1b reactor
 NT3 phoebus-2a reactor
 NT3 rover reactors
 NT3 xe-prime reactor
 NT2 nitrogen cooled reactors
 NT3 htltr reactor
 NT3 ml-1 reactor
 NT3 zenith reactor
 NT2 pebble bed reactors
 NT3 avr reactor
 NT3 thtr-300 reactor
 NT3 vg-400 reactor
 NT3 vgr-50 reactor
 NT1 graphite moderated reactors
 NT2 anna reactor
 NT2 bepo reactor
 NT2 bgrr reactor
 NT2 bigr reactor
 NT2 br-1 reactor
 NT2 cesar reactor
 NT2 cp-2 reactor
 NT2 egcr reactor
 NT2 f-1 reactor
 NT2 gcr type reactors
 NT3 agr type reactors
 NT4 connah quay-b reactor
 NT4 dungeness-b reactor
 NT4 hartlepool reactor
 NT4 heysham-a reactor
 NT4 heysham-b reactor
 NT4 hinkley point-b reactor
 NT4 hunterston-b reactor
 NT4 torness reactor
 NT4 wagr reactor
 NT3 bugey-1 reactor
 NT3 chinon-a1 reactor
 NT3 chinon-a2 reactor
 NT3 chinon-a3 reactor
 NT3 g-1 reactor
 NT3 g-2 reactor
 NT3 g-3 reactor
 NT3 magnox type reactors
 NT4 berkeley reactor
 NT4 bradwell reactor
 NT4 calder hall a-1 reactor
 NT4 calder hall a-2 reactor
 NT4 calder hall b-3 reactor
 NT4 calder hall b-4 reactor
 NT4 chapelcross-1 reactor
 NT4 chapelcross-2 reactor
 NT4 chapelcross-3 reactor
 NT4 chapelcross-4 reactor
 NT4 dungeness-a reactor
 NT4 hinkley point-a reactor
 NT4 hunterston-a reactor
 NT4 latina reactor
 NT4 oldbury-a reactor
 NT4 sizewell-a reactor
 NT4 tokai-mura reactor
 NT4 trawsfynydd reactor
 NT4 wylfa reactor
 NT3 saint laurent-a1 reactor
 NT3 saint laurent-a2 reactor
 NT3 vandelllos reactor
 NT2 gleep reactor
 NT2 hector reactor
 NT2 hero reactor
 NT2 hew-305 reactor
 NT2 hitrex-1 reactor
 NT2 hnpf reactor
 NT2 htgr type reactors
 NT3 avr reactor
 NT3 dragon reactor
 NT3 fulton-1 reactor
 NT3 fulton-2 reactor
 NT3 ga standard reactor
 NT3 htr-10 reactor
 NT3 httr reactor
 NT3 kahter reactor
 NT3 peach bottom-1 reactor
 NT3 schmehausen-2 reactor
 NT3 summit-1 reactor
 NT3 summit-2 reactor
 NT3 thtr-300 reactor
 NT3 vg-400 reactor
 NT3 vgr-50 reactor
 NT3 vht reactor
 NT3 vidal-1 reactor
 NT3 vidal-2 reactor
 NT3 vrain reactor
 NT2 htltr reactor
 NT2 iea-zpr reactor
 NT2 igr reactor
 NT2 iowa utr-10 reactor
 NT2 kuca reactor
 NT2 lwgr type reactors
 NT3 aps reactor
 NT3 beloyarsk-1 reactor
 NT3 beloyarsk-2 reactor
 NT3 bilibin reactor
 NT3 chernobylsk-1 reactor
 NT3 chernobylsk-2 reactor
 NT3 chernobylsk-3 reactor
 NT3 chernobylsk-4 reactor
 NT3 ignalina-1 reactor
 NT3 ignalina-2 reactor
 NT3 kursk-1 reactor
 NT3 kursk-2 reactor
 NT3 kursk-3 reactor
 NT3 kursk-4 reactor
 NT3 leningrad-1 reactor
 NT3 leningrad-2 reactor
 NT3 leningrad-3 reactor
 NT3 leningrad-4 reactor
 NT3 n-reactor
 NT3 rpt reactor
 NT3 smolensk-1 reactor
 NT3 smolensk-2 reactor
 NT3 smolensk-3 reactor
 NT3 uwtr reactor
 NT2 marius reactor
 NT2 msre reactor
 NT2 ntr reactor
 NT2 pctr reactor
 NT2 proteus reactor
 NT2 rb-1 reactor
 NT2 sgr type reactors
 NT3 sre reactor
 NT2 shca reactor
 NT2 sr-305 reactor
 NT2 treat reactor
 NT2 uhtrex reactor
 NT2 windscale production reactors
 NT2 x-10 reactor
 NT2 zenith reactor
 NT1 heavy water cooled reactors
 NT2 alrr reactor
 NT2 aquilon reactor
 NT2 bhwr type reactors
 NT3 hbwr reactor
 NT3 marviken reactor
 NT2 celestin reactor
 NT2 cp-3 reactor
 NT2 cp-3m reactor
 NT2 cp-5 reactor
 NT2 dca reactor
 NT2 dhruva reactor
 NT2 dido reactor
 NT2 diorit reactor
 NT2 dmtr reactor
 NT2 dr-3 reactor
 NT2 el-1 reactor
 NT2 el-3 reactor
 NT2 eole reactor
 NT2 es-salam reactor
 NT2 essor reactor
 NT2 fr-2 reactor
 NT2 frj-2 reactor
 NT2 grenoble reactor
 NT2 gtr reactor
 NT2 hfbr reactor
 NT2 hifar reactor
 NT2 hwctr reactor
 NT2 hwtr reactor
 NT2 ill high flux reactor
 NT2 irr-2 reactor
 NT2 ispra-1 reactor
 NT2 jeep-2 reactor
 NT2 jordan subcritical assembly
 NT2 jrr-2 reactor
 NT2 jrr-3 reactor
 NT2 mitr reactor
 NT2 nbsr reactor
 NT2 nora reactor
 NT2 nru reactor
 NT2 nrx reactor
 NT2 pdp reactor
 NT2 pelinduna reactor
 NT2 phwr type reactors
 NT3 agesta reactor
 NT3 atucha-1 reactor
 NT3 atucha-2 reactor
 NT3 bruce-1 reactor
 NT3 bruce-2 reactor
 NT3 bruce-3 reactor
 NT3 bruce-4 reactor
 NT3 bruce-5 reactor
 NT3 bruce-6 reactor
 NT3 bruce-7 reactor
 NT3 bruce-8 reactor
 NT3 cernavoda-1 reactor
 NT3 cernavoda-2 reactor
 NT3 cordoba reactor
 NT3 cvtr reactor
 NT3 darlington-1 reactor
 NT3 darlington-2 reactor
 NT3 darlington-3 reactor
 NT3 darlington-4 reactor
 NT3 douglas point ontario reactor
 NT3 embalse reactor
 NT3 gentilly-2 reactor
 NT3 kaiga-1 reactor
 NT3 kaiga-2 reactor
 NT3 kaiga-3 reactor
 NT3 kaiga-4 reactor
 NT3 kakrapar-1 reactor
 NT3 kakrapar-2 reactor
 NT3 kalpakkam-1 reactor
 NT3 kalpakkam-2 reactor
 NT3 kanupp reactor
 NT3 mzfr reactor
 NT3 narora-1 reactor
 NT3 narora-2 reactor
 NT3 npd reactor
 NT3 pickering-1 reactor
 NT3 pickering-2 reactor
 NT3 pickering-3 reactor
 NT3 pickering-4 reactor
 NT3 pickering-5 reactor
 NT3 pickering-6 reactor
 NT3 pickering-7 reactor
 NT3 pickering-8 reactor
 NT3 point lepreau-1 reactor
 NT3 point lepreau-2 reactor

NT3	qinshan-3-1 reactor	NT2	celestine reactor	NT3	darlington-4 reactor
NT3	qinshan-3-2 reactor	NT2	cirus reactor	NT3	douglas point ontario reactor
NT3	rajasthan-1 reactor	NT2	cp-3 reactor	NT3	embalse reactor
NT3	rajasthan-2 reactor	NT2	cp-3m reactor	NT3	gentilly-2 reactor
NT3	rajasthan-3 reactor	NT2	cp-5 reactor	NT3	kaiga-1 reactor
NT3	rajasthan-4 reactor	NT2	dca reactor	NT3	kaiga-2 reactor
NT3	rajasthan-5 reactor	NT2	dhruba reactor	NT3	kaiga-3 reactor
NT3	rajasthan-6 reactor	NT2	dido reactor	NT3	kaiga-4 reactor
NT3	tarapur-3 reactor	NT2	dimple reactor	NT3	kakrapar-1 reactor
NT3	tarapur-4 reactor	NT2	diorit reactor	NT3	kakrapar-2 reactor
NT3	wolsung-1 reactor	NT2	dmtr reactor	NT3	kalpakkam-1 reactor
NT3	wolsung-2 reactor	NT2	dr-3 reactor	NT3	kalpakkam-2 reactor
NT3	wolsung-3 reactor	NT2	eco reactor	NT3	kanupp reactor
NT3	wolsung-4 reactor	NT2	el-1 reactor	NT3	mzfr reactor
NT2	pik reactor	NT2	el-2 reactor	NT3	narora-1 reactor
NT2	pluto reactor	NT2	el-3 reactor	NT3	narora-2 reactor
NT2	prf reactor	NT2	eole reactor	NT3	npd reactor
NT2	prtr reactor	NT2	es-salam reactor	NT3	pickering-1 reactor
NT2	pse reactor	NT2	essor reactor	NT3	pickering-2 reactor
NT2	r-1 reactor	NT2	fr-2 reactor	NT3	pickering-3 reactor
NT2	r-a reactor	NT2	frj-2 reactor	NT3	pickering-4 reactor
NT2	rp-0 reactor	NT2	frm-ii reactor	NT3	pickering-5 reactor
NT2	sm-1 subcritical assembly	NT2	grenoble reactor	NT3	pickering-6 reactor
NT2	spert-2 reactor	NT2	gtrr reactor	NT3	pickering-7 reactor
NT2	taiwan research reactor	NT2	hfr reactor	NT3	pickering-8 reactor
NT2	zed-2 reactor	NT2	hifar reactor	NT3	point lepreau-1 reactor
NT1	heavy water moderated reactors	NT2	hre-2 reactor	NT3	point lepreau-2 reactor
NT2	alrr reactor	NT2	hwtr reactor	NT3	qinshan-3-1 reactor
NT2	aquilon reactor	NT2	hwgr type reactors	NT3	qinshan-3-2 reactor
NT2	bhwr type reactors	NT3	bohunice a-1 reactor	NT3	rajasthan-1 reactor
NT3	hbwr reactor	NT3	bohunice a-2 reactor	NT3	rajasthan-2 reactor
NT3	marviken reactor	NT3	el-4 reactor	NT3	rajasthan-3 reactor
NT2	c reactor	NT3	lucens reactor	NT3	rajasthan-4 reactor
NT2	candu type reactors	NT3	niederaichbach reactor	NT3	rajasthan-5 reactor
NT3	bruce-1 reactor	NT2	hwlwr type reactors	NT3	rajasthan-6 reactor
NT3	bruce-2 reactor	NT3	cirene reactor	NT3	tarapur-3 reactor
NT3	bruce-3 reactor	NT3	gentilly-1 reactor	NT3	tarapur-4 reactor
NT3	bruce-4 reactor	NT3	jatr reactor	NT3	wolsung-1 reactor
NT3	bruce-5 reactor	NT2	hwrr reactor	NT3	wolsung-2 reactor
NT3	bruce-6 reactor	NT2	hwzpr reactor	NT3	wolsung-3 reactor
NT3	bruce-7 reactor	NT2	ill high flux reactor	NT3	wolsung-4 reactor
NT3	bruce-8 reactor	NT2	irr-2 reactor	NT2	pik reactor
NT3	cernavoda-1 reactor	NT2	ispra-1 reactor	NT2	pluto reactor
NT3	cernavoda-2 reactor	NT2	jeep-2 reactor	NT2	prf reactor
NT3	cordoba reactor	NT2	jordan subcritical assembly	NT2	prtr reactor
NT3	darlington-1 reactor	NT2	jrr-2 reactor	NT2	pse reactor
NT3	darlington-2 reactor	NT2	jrr-3 reactor	NT2	r-1 reactor
NT3	darlington-3 reactor	NT2	juno reactor	NT2	r-a reactor
NT3	darlington-4 reactor	NT2	k reactor	NT2	r-b reactor
NT3	douglas point ontario reactor	NT2	l reactor	NT2	r reactor
NT3	embalse reactor	NT2	maple reactor	NT2	rb-3 reactor
NT3	gentilly-1 reactor	NT2	maple type reactors	NT2	rtr reactor
NT3	gentilly-2 reactor	NT2	mitr reactor	NT2	sghwr reactor
NT3	kaiga-1 reactor	NT2	nbsr reactor	NT2	spert-2 reactor
NT3	kaiga-2 reactor	NT2	nora reactor	NT2	taiwan research reactor
NT3	kakrapar-1 reactor	NT2	nru reactor	NT2	tr-0 reactor
NT3	kakrapar-2 reactor	NT2	nrx reactor	NT2	wr-1 reactor
NT3	kanupp reactor	NT2	p reactor	NT2	zed-2 reactor
NT3	npd reactor	NT2	pdp reactor	NT2	zeep reactor
NT3	pickering-1 reactor	NT2	pelinduna reactor	NT2	zerlina reactor
NT3	pickering-2 reactor	NT2	phwr type reactors	NT1	homogeneous reactors
NT3	pickering-3 reactor	NT3	agesta reactor	NT2	fuel dispersion reactors
NT3	pickering-4 reactor	NT3	atucha-1 reactor	NT3	fluidized bed reactors
NT3	pickering-5 reactor	NT3	atucha-2 reactor	NT3	slurry reactors
NT3	pickering-6 reactor	NT3	bruce-1 reactor	NT2	gas fueled reactors
NT3	pickering-7 reactor	NT3	bruce-2 reactor	NT3	coaxial flow reactors
NT3	pickering-8 reactor	NT3	bruce-3 reactor	NT3	light bulb reactors
NT3	point lepreau-1 reactor	NT3	bruce-4 reactor	NT3	plasma core assembly
NT3	point lepreau-2 reactor	NT3	bruce-5 reactor	NT2	liquid homogeneous reactors
NT3	qinshan-3-1 reactor	NT3	bruce-6 reactor	NT3	aqueous homogeneous reactors
NT3	qinshan-3-2 reactor	NT3	bruce-7 reactor	NT4	ai-l-77 reactor
NT3	rajasthan-1 reactor	NT3	bruce-8 reactor	NT4	argus reactor
NT3	rajasthan-2 reactor	NT3	cernavoda-1 reactor	NT4	ber-2 reactor
NT3	rajasthan-3 reactor	NT3	cernavoda-2 reactor	NT4	byu l-77 reactor
NT3	rajasthan-4 reactor	NT3	cordoba reactor	NT4	cesnef reactor
NT3	wolsung-1 reactor	NT3	cvtr reactor	NT4	dr-1 reactor
NT3	wolsung-2 reactor	NT3	darlington-1 reactor	NT4	frf reactor
NT3	wolsung-3 reactor	NT3	darlington-2 reactor	NT4	gidra reactor
NT3	wolsung-4 reactor	NT3	darlington-3 reactor	NT4	hre-2 reactor

NT4	jrr-1 reactor	NT4	wsur reactor	NT3	cesnef reactor
NT4	kewb reactor	NT1	hydride moderated reactors	NT3	cirus reactor
NT4	kstr reactor	NT2	acpr reactor	NT3	consort-2 reactor
NT4	ncscr-1 reactor	NT2	anex reactor	NT3	cp-5 reactor
NT4	nevada university reactor	NT2	nsrr reactor	NT3	dhruva reactor
NT4	pmc-l-77 reactor	NT2	stir reactor	NT3	dido reactor
NT4	supo reactor	NT2	szr type reactors	NT3	dmtr reactor
NT4	wrrr reactor	NT3	knk-2 reactor	NT3	dow triga-mk-1 reactor
NT2	solid homogeneous reactors	NT3	knk reactor	NT3	dr-2 reactor
NT3	acpr reactor	NT2	topaz reactor	NT3	dr-3 reactor
NT3	aerojet-general nucleonics reactors	NT2	triga type reactors	NT3	el-1 reactor
NT4	agn 201 costanza	NT3	afrrr reactor	NT3	el-2 reactor
NT4	agn-201k reactor	NT3	atpr reactor	NT3	el-3 reactor
NT3	akr-1 reactor	NT3	colorado triga-mk-3 reactor	NT3	etr reactor
NT3	anex reactor	NT3	cornell triga-mk-2 reactor	NT3	ewa reactor
NT3	ebor reactor	NT3	dow triga-mk-1 reactor	NT3	fir-1 reactor
NT3	nsrr reactor	NT3	fir-1 reactor	NT3	fnr reactor
NT3	pebble bed reactors	NT3	frf-2 reactor	NT3	fr-2 reactor
NT4	avr reactor	NT3	frf reactor	NT3	frf reactor
NT4	thtr-300 reactor	NT3	gulf triga-mk-3 reactor	NT3	frg-2 reactor
NT4	vg-400 reactor	NT3	itu-trr reactor	NT3	frj-2 reactor
NT4	vgr-50 reactor	NT3	kartini-ppny reactor	NT3	getr reactor
NT3	romashka reactor	NT3	lopra reactor	NT3	gtr reactor
NT3	shca reactor	NT3	ma-r1 reactor	NT3	gulf triga-mk-3 reactor
NT3	sur-100 series reactor	NT3	nscr reactor	NT3	hanaro reactor
NT3	treat reactor	NT3	ostr reactor	NT3	hfir reactor
NT3	triga type reactors	NT3	prpr reactor	NT3	hifar reactor
NT4	afrrr reactor	NT3	psbr reactor	NT3	htr reactor
NT4	atpr reactor	NT3	rtp reactor	NT3	hwrr reactor
NT4	colorado triga-mk-3 reactor	NT3	trico ii reactor	NT3	ian-r1 reactor
NT4	cornell triga-mk-2 reactor	NT3	trico reactor	NT3	ill high flux reactor
NT4	dow triga-mk-1 reactor	NT3	triga-1-arizona reactor	NT3	irt-c reactor
NT4	fir-1 reactor	NT3	triga-1-california reactor	NT3	irt-f reactor
NT4	frf-2 reactor	NT3	triga-1-hanford reactor	NT3	irt reactor
NT4	frf reactor	NT3	triga-1-hanover reactor	NT3	irt-sofia reactor
NT4	gulf triga-mk-3 reactor	NT3	triga-1-heidelberg reactor	NT3	ispra-1 reactor
NT4	itu-trr reactor	NT3	triga-1-michigan reactor	NT3	jeep-2 reactor
NT4	kartini-ppny reactor	NT3	triga-2-bandung reactor	NT3	jrr-1 reactor
NT4	lopra reactor	NT3	triga-2-bangladesh reactor	NT3	jrr-3 reactor
NT4	ma-r1 reactor	NT3	triga-2-dalat reactor	NT3	jrr-3m reactor
NT4	nscr reactor	NT3	triga-2-illinois reactor	NT3	kuhfr reactor
NT4	ostr reactor	NT3	triga-2-kansas reactor	NT3	lptr reactor
NT4	prpr reactor	NT3	triga-2-ljubljana reactor	NT3	maria reactor
NT4	psbr reactor	NT3	triga-2-mainz reactor	NT3	melusine-1 reactor
NT4	rtp reactor	NT3	triga-2-musashi reactor	NT3	mnr reactor
NT4	trico ii reactor	NT3	triga-2-pavia reactor	NT3	mrr reactor
NT4	trico reactor	NT3	triga-2-pitesti reactor	NT3	nru reactor
NT4	triga-1-arizona reactor	NT3	triga-2-pitesti-ss-core reactor	NT3	nrx reactor
NT4	triga-1-california reactor	NT3	triga-2 reactor	NT3	opal reactor
NT4	triga-1-hanford reactor	NT3	triga-2-rikkyo reactor	NT3	ostr reactor
NT4	triga-1-hanover reactor	NT3	triga-2-rome reactor	NT3	pulstar-buffalo reactor
NT4	triga-1-heidelberg reactor	NT3	triga-2-seoul reactor	NT3	r-1 reactor
NT4	triga-1-michigan reactor	NT3	triga-2-vienna reactor	NT3	r-a reactor
NT4	triga-2-bandung reactor	NT3	triga-3-la jolla reactor	NT3	r2-0 reactor
NT4	triga-2-bangladesh reactor	NT3	triga-3-munich reactor	NT3	rmb reactor
NT4	triga-2-dalat reactor	NT3	triga-3-salazar reactor	NT3	rtp reactor
NT4	triga-2-illinois reactor	NT3	triga-3-seoul reactor	NT3	rts-1 reactor
NT4	triga-2-kansas reactor	NT3	triga-brazil reactor	NT3	siloe reactor
NT4	triga-2-ljubljana reactor	NT3	triga-texas reactor	NT3	slowpoke type reactors
NT4	triga-2-mainz reactor	NT3	triga-veterans reactor	NT4	slowpoke-alberta reactor
NT4	triga-2-musashi reactor	NT3	ucbrr reactor	NT4	slowpoke-dalhousie reactor
NT4	triga-2-pavia reactor	NT3	uwnr reactor	NT4	slowpoke-mona reactor
NT4	triga-2-pitesti reactor	NT3	wsur reactor	NT4	slowpoke-montreal reactor
NT4	triga-2-pitesti-ss-core reactor	NT2	xma-1 reactor	NT4	slowpoke-ottawa reactor
NT4	triga-2 reactor	NT1	irradiation reactors	NT4	slowpoke-rtc reactor
NT4	triga-2-rikkyo reactor	NT2	chemonuclear reactors	NT4	slowpoke-src reactor
NT4	triga-2-rome reactor	NT2	isotope production reactors	NT4	slowpoke-toronto reactor
NT4	triga-2-seoul reactor	NT3	afrrr reactor	NT4	slowpoke-wmre reactor
NT4	triga-2-vienna reactor	NT3	ai-l-77 reactor	NT3	taiwan research reactor
NT4	triga-3-la jolla reactor	NT3	alrr reactor	NT3	thetis reactor
NT4	triga-3-munich reactor	NT3	apsara reactor	NT3	thor reactor
NT4	triga-3-salazar reactor	NT3	astra reactor	NT3	tr-1 reactor
NT4	triga-3-seoul reactor	NT3	atpr reactor	NT3	trico ii reactor
NT4	triga-brazil reactor	NT3	bepo reactor	NT3	trico reactor
NT4	triga-texas reactor	NT3	ber-2 reactor	NT3	triga-1-california reactor
NT4	triga-veterans reactor	NT3	bgrr reactor	NT3	triga-1-hanover reactor
NT4	ucbrr reactor	NT3	brr reactor	NT3	triga-1-michigan reactor
NT4	uwnr reactor	NT3	byu l-77 reactor	NT3	triga-2-bandung reactor
		NT3	celestine reactor	NT3	triga-2-bangladesh reactor

NT3 triga-2-dalat reactor
NT3 triga-2-illinois reactor
NT3 triga-2-kansas reactor
NT3 triga-2-ljubljana reactor
NT3 triga-2-mainz reactor
NT3 triga-2-musashi reactor
NT3 triga-2-pavia reactor
NT3 triga-2-pitești reactor
NT3 triga-2 reactor
NT3 triga-2-rikkyo reactor
NT3 triga-2-rome reactor
NT3 triga-2-seoul reactor
NT3 triga-2-vienna reactor
NT3 triga-3-munich reactor
NT3 triga-3-salazar reactor
NT3 triga-3-seoul reactor
NT3 triga-brazil reactor
NT3 triga-texas reactor
NT3 triga-veterans reactor
NT3 tz1 reactor
NT3 ucbr reactor
NT3 uftr reactor
NT3 uknr reactor
NT3 uvar reactor
NT3 uwnr reactor
NT3 wtr reactor
NT3 wwr-2 reactor
NT3 wwr-m-kiev reactor
NT3 wwr-m-leningrad reactor
NT3 wwr-s-budapest reactor
NT3 wwr-s-moscow reactor
NT3 wwr-sm rossendorf reactor
NT3 x-10 reactor
NT2 materials processing reactors
NT2 materials testing reactors
NT3 atr reactor
NT3 br-2 reactor
NT3 cp-2 reactor
NT3 dido reactor
NT3 dmtr reactor
NT3 dr-3 reactor
NT3 el-3 reactor
NT3 ewg-1 reactor
NT3 frg-2 reactor
NT3 frj-2 reactor
NT3 ga siwabessy reactor
NT3 gleep reactor
NT3 hanaro reactor
NT3 hector reactor
NT3 hfetr reactor
NT3 hfr reactor
NT3 hifar reactor
NT3 hwctr reactor
NT3 hwrr reactor
NT3 igr reactor
NT3 ivv-2m reactor
NT3 jmr reactor
NT3 jrr-3 reactor
NT3 jrr-3m reactor
NT3 jules horowitz reactor
NT3 kstr reactor
NT3 lpr reactor
NT3 merlin reactor
NT3 mtr reactor
NT3 nbsr reactor
NT3 nrx reactor
NT3 osiris reactor
NT3 pbr reactor
NT3 pluto reactor
NT3 r-2 reactor
NT3 rv-1 reactor
NT3 sm-2 reactor
NT3 taiwan research reactor
NT3 triga-1-hanford reactor
NT3 wr-1 reactor
NT3 wwr-m-kiev reactor
NT3 wwr-m-leningrad reactor
NT3 zephyr reactor
NT2 tritium production reactors

NT3 celestin reactor
NT1 liquid metal cooled reactors
NT2 lead cooled reactors
NT3 brest-od-300 reactor
NT3 lead-bismuth cooled reactors
NT4 myrrha facility
NT2 lithium cooled reactors
NT2 lmfr type reactors
NT3 beloyarsk-3 reactor
NT3 beloyarsk-4 reactor
NT3 bn-1200 reactor
NT3 bn-1600 reactor
NT3 bn-350 reactor
NT3 bor-60 reactor
NT3 cdfr reactor
NT3 clinch river breeder reactor
NT3 dfr reactor
NT3 ebr-1 reactor
NT3 ebr-2 reactor
NT3 enrico fermi-1 reactor
NT3 joyo reactor
NT3 kalpakkam lmfr reactor
NT3 monju reactor
NT3 pfr reactor
NT3 phenix reactor
NT3 plbr reactor
NT3 rapsodie reactor
NT3 sbr-1 reactor
NT3 sbr-2 reactor
NT3 sbr-5 reactor
NT3 snr-2 reactor
NT3 snr reactor
NT3 superphenix reactor
NT3 venus reactor
NT2 mercury cooled reactors
NT3 clementine reactor
NT3 sbr-2 reactor
NT2 nak cooled reactors
NT3 ebr-1 reactor
NT3 s10fs-1 reactor
NT3 s10fs-3 reactor
NT3 s10fs-4 reactor
NT3 s2ds reactor
NT3 s8dr reactor
NT3 s8er reactor
NT3 ser reactor
NT3 snaptran reactors
NT2 potassium cooled reactors
NT3 ebr-1 reactor
NT3 ser reactor
NT3 snap 10 reactor
NT4 s10fs-1 reactor
NT4 s10fs-3 reactor
NT4 s10fs-4 reactor
NT3 snap-tsf reactor
NT3 snaptran reactors
NT2 sodium cooled reactors
NT3 beloyarsk-3 reactor
NT3 beloyarsk-4 reactor
NT3 bn-1200 reactor
NT3 bn-1600 reactor
NT3 bn-350 reactor
NT3 bor-60 reactor
NT3 cdfr reactor
NT3 clinch river breeder reactor
NT3 ebr-1 reactor
NT3 ebr-2 reactor
NT3 enrico fermi-1 reactor
NT3 ffr reactor
NT3 hnpf reactor
NT3 knk-2 reactor
NT3 knk reactor
NT3 lampre-1 reactor
NT3 monju reactor
NT3 pfr reactor
NT3 phenix reactor
NT3 rapsodie reactor
NT3 sbr-5 reactor
NT3 sefor reactor

NT3 ser reactor
NT3 sgr type reactors
NT4 sre reactor
NT3 snap 10 reactor
NT4 s10fs-1 reactor
NT4 s10fs-3 reactor
NT4 s10fs-4 reactor
NT3 snap-tsf reactor
NT3 snaptran reactors
NT3 snr-2 reactor
NT3 snr reactor
NT3 superphenix reactor
NT3 zrr reactor
NT2 szr type reactors
NT3 knk-2 reactor
NT3 knk reactor
NT1 metal moderated reactors
NT2 beryllium moderated reactors
NT3 agata reactor
NT3 br-02 reactor
NT3 ebor reactor
NT3 ewg-1 reactor
NT3 maria reactor
NT3 nuclear furnace reactor
NT1 mixed spectrum reactors
NT2 acpr reactor
NT2 browns ferry-1 reactor
NT2 browns ferry-2 reactor
NT2 browns ferry-3 reactor
NT2 diorit reactor
NT2 nsrr reactor
NT2 omre reactor
NT2 rpt reactor
NT1 mobile reactors
NT2 mh-1a reactor
NT2 ml-1 reactor
NT2 s1c prototype reactor
NT2 space power reactors
NT3 snap reactors
NT4 snap 10 reactor
NT5 s10fs-1 reactor
NT5 s10fs-3 reactor
NT5 s10fs-4 reactor
NT4 snap 2 reactor
NT5 s2ds reactor
NT4 snap 50 reactor
NT4 snap 8 reactor
NT5 s8dr reactor
NT5 s8er reactor
NT3 space propulsion reactors
NT4 kiwi reactors
NT5 kiwi-tnt reactor
NT4 nerva reactor
NT4 nrx-a1 reactor
NT4 nrx-a2 reactor
NT4 nrx-a3 reactor
NT4 nrx-a4-est reactor
NT4 nrx-a5 reactor
NT4 nrx-a6 reactor
NT4 nrx-a7 reactor
NT4 pewee-1 reactor
NT4 pewee-2 reactor
NT4 pewee-3 reactor
NT4 pewee-4 reactor
NT4 phoebus-1a reactor
NT4 phoebus-1b reactor
NT4 phoebus-2a reactor
NT4 rover reactors
NT4 twmr reactor
NT4 xe-2 reactor
NT1 molten salt reactors
NT2 molten salt cooled reactors
NT3 msre reactor
NT2 molten salt fueled reactors
NT1 natural uranium reactors
NT2 agesta reactor
NT2 aquilon reactor
NT2 atucha-1 reactor
NT2 atucha-2 reactor

NT2	bepo reactor	NT2	pickering-7 reactor	NT2	bor-60 reactor
NT2	bohunice a-1 reactor	NT2	pickering-8 reactor	NT2	borax-3 reactor
NT2	bohunice a-2 reactor	NT2	point lepreau-1 reactor	NT2	borax-4 reactor
NT2	br-1 reactor	NT2	point lepreau-2 reactor	NT2	borax-5 reactor
NT2	bruce-1 reactor	NT2	pse reactor	NT2	brest-od-300 reactor
NT2	bruce-2 reactor	NT2	r-1 reactor	NT2	bugey-1 reactor
NT2	bruce-3 reactor	NT2	r-b reactor	NT2	bwr type reactors
NT2	bruce-4 reactor	NT2	rajasthan-1 reactor	NT3	allens creek-1 reactor
NT2	bruce-5 reactor	NT2	rajasthan-2 reactor	NT3	allens creek-2 reactor
NT2	bruce-6 reactor	NT2	rajasthan-3 reactor	NT3	bailly-1 reactor
NT2	bruce-7 reactor	NT2	rajasthan-4 reactor	NT3	barsebaeck-1 reactor
NT2	bruce-8 reactor	NT2	taiwan research reactor	NT3	barsebaeck-2 reactor
NT2	cernavoda-1 reactor	NT2	windscale production reactors	NT3	barton-1 reactor
NT2	cernavoda-2 reactor	NT2	wolsung-1 reactor	NT3	barton-2 reactor
NT2	cesar reactor	NT2	wolsung-2 reactor	NT3	barton-3 reactor
NT2	cirus reactor	NT2	wolsung-3 reactor	NT3	barton-4 reactor
NT2	cordoba reactor	NT2	wolsung-4 reactor	NT3	bell reactor
NT2	cp-2 reactor	NT2	x-10 reactor	NT3	big rock point reactor
NT2	cp-3 reactor	NT2	zed-2 reactor	NT3	black fox-1 reactor
NT2	darlington-1 reactor	NT2	zeep reactor	NT3	black fox-2 reactor
NT2	darlington-2 reactor	NT2	zephyr reactor	NT3	bolsa chica-1 reactor
NT2	darlington-3 reactor	NT1	organic cooled reactors	NT3	bolsa chica-2 reactor
NT2	darlington-4 reactor	NT2	eco reactor	NT3	bonus reactor
NT2	dhruva reactor	NT2	eocr reactor	NT3	browns ferry-1 reactor
NT2	diorit reactor	NT2	essor reactor	NT3	browns ferry-2 reactor
NT2	douglas point ontario reactor	NT2	lwor type reactors	NT3	browns ferry-3 reactor
NT2	eco reactor	NT2	omr type reactors	NT3	brunsbuettel reactor
NT2	el-1 reactor	NT3	arbus reactor	NT3	brunswick-1 reactor
NT2	el-2 reactor	NT3	omre reactor	NT3	brunswick-2 reactor
NT2	essor reactor	NT3	pnpf reactor	NT3	chinshan-1 reactor
NT2	f-1 reactor	NT2	wr-1 reactor	NT3	chinshan-2 reactor
NT2	fr-2 reactor	NT2	zed-2 reactor	NT3	clinton-1 reactor
NT2	gentilly-1 reactor	NT1	organic moderated reactors	NT3	clinton-2 reactor
NT2	gentilly-2 reactor	NT2	akr-1 reactor	NT3	cofrentes reactor
NT2	gleep reactor	NT2	eocr reactor	NT3	cooper reactor
NT2	hew-305 reactor	NT2	omr type reactors	NT3	dodewaard reactor
NT2	hwzpr reactor	NT3	arbus reactor	NT3	douglas point-1 reactor
NT2	jatr reactor	NT3	omre reactor	NT3	douglas point-2 reactor
NT2	jrr-3 reactor	NT3	pnpf reactor	NT3	dresden-1 reactor
NT2	kaiga-1 reactor	NT2	rospo reactor	NT3	dresden-2 reactor
NT2	kaiga-2 reactor	NT2	sur-100 series reactor	NT3	dresden-3 reactor
NT2	kakrapar-1 reactor	NT2	viper reactor	NT3	duane arnold-1 reactor
NT2	kakrapar-2 reactor	NT2	zerlina reactor	NT3	ebwr reactor
NT2	kalpakkam-1 reactor	NT1	plutonium reactors	NT3	enel-4 reactor
NT2	kalpakkam-2 reactor	NT2	clementine reactor	NT3	enrico fermi-2 reactor
NT2	kanupp reactor	NT2	ebr-1 reactor	NT3	err reactor
NT2	magnox type reactors	NT2	hclwr type reactors	NT3	fitzpatrick reactor
NT3	berkeley reactor	NT2	jatr reactor	NT3	forsmark-1 reactor
NT3	bradwell reactor	NT2	lampre-1 reactor	NT3	forsmark-2 reactor
NT3	calder hall a-1 reactor	NT2	masurca reactor	NT3	forsmark-3 reactor
NT3	calder hall a-2 reactor	NT2	phenix reactor	NT3	fukushima-1 reactor
NT3	calder hall b-3 reactor	NT2	prcf reactor	NT3	fukushima-2 reactor
NT3	calder hall b-4 reactor	NT2	rapso die reactor	NT3	fukushima-3 reactor
NT3	chapelcross-1 reactor	NT2	sbr-1 reactor	NT3	fukushima-4 reactor
NT3	chapelcross-2 reactor	NT2	sbr-2 reactor	NT3	fukushima-5 reactor
NT3	chapelcross-3 reactor	NT2	sbr-5 reactor	NT3	fukushima-6 reactor
NT3	chapelcross-4 reactor	NT2	sefor reactor	NT3	fukushima-ii-1 reactor
NT3	dungeness-a reactor	NT2	stacy reactor	NT3	fukushima-ii-2 reactor
NT3	hinkley point-a reactor	NT2	superphenix reactor	NT3	fukushima-ii-3 reactor
NT3	hunterston-a reactor	NT2	tracy reactor	NT3	fukushima-ii-4 reactor
NT3	latina reactor	NT2	zeep reactor	NT3	garigliano reactor
NT3	oldbury-a reactor	NT2	zephyr reactor	NT3	garona reactor
NT3	sizewell-a reactor	NT1	power reactors	NT3	ge standard reactor
NT3	tokai-mura reactor	NT2	agesta reactor	NT3	graben-1 reactor
NT3	trawsfynydd reactor	NT2	aipfr reactor	NT3	graben-2 reactor
NT3	wylfa reactor	NT2	ao-phai-1 reactor	NT3	grand gulf-1 reactor
NT2	maris reactor	NT2	aps reactor	NT3	grand gulf-2 reactor
NT2	mzfr reactor	NT2	arbus reactor	NT3	gundremmingen-2 reactor
NT2	narora-1 reactor	NT2	avr reactor	NT3	gundremmingen-3 reactor
NT2	narora-2 reactor	NT2	beloyarsk-1 reactor	NT3	hamaoka-1 reactor
NT2	npd reactor	NT2	beloyarsk-2 reactor	NT3	hamaoka-2 reactor
NT2	nru reactor	NT2	beloyarsk-3 reactor	NT3	hamaoka-3 reactor
NT2	nrx reactor	NT2	beloyarsk-4 reactor	NT3	hamaoka-4 reactor
NT2	pickering-1 reactor	NT2	bilibin reactor	NT3	hamaoka-5 reactor
NT2	pickering-2 reactor	NT2	bn-1200 reactor	NT3	hartsville-1 reactor
NT2	pickering-3 reactor	NT2	bn-1600 reactor	NT3	hartsville-2 reactor
NT2	pickering-4 reactor	NT2	bn-350 reactor	NT3	hartsville-3 reactor
NT2	pickering-5 reactor	NT2	bohunice a-1 reactor	NT3	hartsville-4 reactor
NT2	pickering-6 reactor	NT2	bohunice a-2 reactor	NT3	hatch-1 reactor

NT3	hatch-2 reactor	NT3	tokai-2 reactor	NT3	latina reactor
NT3	hdr reactor	NT3	tsuruga reactor	NT3	oldbury-a reactor
NT3	higashidori-1 reactor	NT3	tullnerfeld reactor	NT3	sizewell-a reactor
NT3	hope creek-1 reactor	NT3	vak reactor	NT3	tokai-mura reactor
NT3	hope creek-2 reactor	NT3	vbwr reactor	NT3	trawsfynydd reactor
NT3	humboldt bay reactor	NT3	vermont yankee reactor	NT3	wylfa reactor
NT3	isar reactor	NT3	verplanck-1 reactor	NT2	marviken reactor
NT3	jpdr-2 reactor	NT3	verplanck-2 reactor	NT2	ml-1 reactor
NT3	jpdr reactor	NT3	vk-50 reactor	NT2	monju reactor
NT3	kaiseraugst reactor	NT3	wnp-2 reactor	NT2	msre reactor
NT3	kashiwazaki-kariwa-1 reactor	NT3	wuergassen reactor	NT2	mzfr reactor
NT3	kashiwazaki-kariwa-2 reactor	NT3	zimmer-1 reactor	NT2	n-reactor
NT3	kashiwazaki-kariwa-3 reactor	NT3	zimmer-2 reactor	NT2	narora-1 reactor
NT3	kashiwazaki-kariwa-4 reactor	NT2	cdfr reactor	NT2	narora-2 reactor
NT3	kashiwazaki-kariwa-5 reactor	NT2	chernobylsk-1 reactor	NT2	okg-4 reactor
NT3	kashiwazaki-kariwa-6 reactor	NT2	chernobylsk-2 reactor	NT2	oldbury-b reactor
NT3	kashiwazaki-kariwa-7 reactor	NT2	chernobylsk-3 reactor	NT2	package reactors
NT3	kruemmel reactor	NT2	chernobylsk-4 reactor	NT2	peach bottom-1 reactor
NT3	kuosheng-1 reactor	NT2	chinon-a1 reactor	NT2	pec brasimone reactor
NT3	kuosheng-2 reactor	NT2	chinon-a2 reactor	NT2	perryman-1 reactor
NT3	la salle county-1 reactor	NT2	chinon-a3 reactor	NT2	perryman-2 reactor
NT3	la salle county-2 reactor	NT2	clinch river breeder reactor	NT2	pfr reactor
NT3	lacbwr reactor	NT2	connah quay-b reactor	NT2	phenix reactor
NT3	laguna verde-1 reactor	NT2	dfr reactor	NT2	plbr reactor
NT3	laguna verde-2 reactor	NT2	dragon reactor	NT2	pnpf reactor
NT3	leibstadt reactor	NT2	dungeness-b reactor	NT2	pressure tube reactors
NT3	limerick-1 reactor	NT2	ebor reactor	NT3	atucha-1 reactor
NT3	limerick-2 reactor	NT2	ebr-1 reactor	NT3	atucha-2 reactor
NT3	lingen reactor	NT2	ebr-2 reactor	NT3	candu type reactors
NT3	lungmen-1 reactor	NT2	egcr reactor	NT4	bruce-1 reactor
NT3	lungmen-2 reactor	NT2	enrico fermi-1 reactor	NT4	bruce-2 reactor
NT3	mendocino-1 reactor	NT2	epec reactor	NT4	bruce-3 reactor
NT3	mendocino-2 reactor	NT2	escom reactor	NT4	bruce-4 reactor
NT3	millstone-1 reactor	NT2	evsr reactor	NT4	bruce-5 reactor
NT3	montague-1 reactor	NT2	fulton-1 reactor	NT4	bruce-6 reactor
NT3	montague-2 reactor	NT2	fulton-2 reactor	NT4	bruce-7 reactor
NT3	montalto di castro-1 reactor	NT2	ga standard reactor	NT4	bruce-8 reactor
NT3	montalto di castro-2 reactor	NT2	gcre reactor	NT4	cernavoda-1 reactor
NT3	monticello reactor	NT2	ginna-2 reactor	NT4	cernavoda-2 reactor
NT3	muehleberg reactor	NT2	hartlepool reactor	NT4	cordoba reactor
NT3	nine mile point-1 reactor	NT2	hbwr reactor	NT4	darlington-1 reactor
NT3	nine mile point-2 reactor	NT2	heysham-a reactor	NT4	darlington-2 reactor
NT3	okg-1 reactor	NT2	heysham-b reactor	NT4	darlington-3 reactor
NT3	okg-2 reactor	NT2	hinkley point-b reactor	NT4	darlington-4 reactor
NT3	okg-3 reactor	NT2	hnpf reactor	NT4	douglas point ontario reactor
NT3	olkiluoto-1 reactor	NT2	hokuriku-1 reactor	NT4	embalse reactor
NT3	olkiluoto-2 reactor	NT2	hre-2 reactor	NT4	gentilly-1 reactor
NT3	onagawa-1 reactor	NT2	hunterston-b reactor	NT4	gentilly-2 reactor
NT3	onagawa-2 reactor	NT2	ignalina-1 reactor	NT4	kaiga-1 reactor
NT3	onagawa-3 reactor	NT2	ignalina-2 reactor	NT4	kaiga-2 reactor
NT3	oyster creek-1 reactor	NT2	jervis bay reactor	NT4	kakrapar-1 reactor
NT3	pathfinder reactor	NT2	joyo reactor	NT4	kakrapar-2 reactor
NT3	peach bottom-2 reactor	NT2	kaiga-3 reactor	NT4	kanupp reactor
NT3	peach bottom-3 reactor	NT2	kaiga-4 reactor	NT4	npd reactor
NT3	perry-1 reactor	NT2	knk-2 reactor	NT4	pickering-1 reactor
NT3	perry-2 reactor	NT2	knk reactor	NT4	pickering-2 reactor
NT3	philippsburg-1 reactor	NT2	kursk-1 reactor	NT4	pickering-3 reactor
NT3	phipps bend-1 reactor	NT2	kursk-2 reactor	NT4	pickering-4 reactor
NT3	phipps bend-2 reactor	NT2	kursk-3 reactor	NT4	pickering-5 reactor
NT3	pilgrim-1 reactor	NT2	kursk-4 reactor	NT4	pickering-6 reactor
NT3	quad cities-1 reactor	NT2	lampre-1 reactor	NT4	pickering-7 reactor
NT3	quad cities-2 reactor	NT2	leningrad-1 reactor	NT4	pickering-8 reactor
NT3	ringhals-1 reactor	NT2	leningrad-2 reactor	NT4	point lepreau-1 reactor
NT3	river bend-1 reactor	NT2	leningrad-3 reactor	NT4	point lepreau-2 reactor
NT3	river bend-2 reactor	NT2	leningrad-4 reactor	NT4	qinshan-3-1 reactor
NT3	rwe-bayernwerk reactor	NT2	magnox type reactors	NT4	qinshan-3-2 reactor
NT3	shika-1 reactor	NT3	berkeley reactor	NT4	rajasthan-1 reactor
NT3	shika-2 reactor	NT3	bradwell reactor	NT4	rajasthan-2 reactor
NT3	shimane-1 reactor	NT3	calder hall a-1 reactor	NT4	rajasthan-3 reactor
NT3	shimane-2 reactor	NT3	calder hall a-2 reactor	NT4	rajasthan-4 reactor
NT3	shimane-3 reactor	NT3	calder hall b-3 reactor	NT4	wolsung-1 reactor
NT3	shoreham reactor	NT3	calder hall b-4 reactor	NT4	wolsung-2 reactor
NT3	skagit-1 reactor	NT3	chapelcross-1 reactor	NT4	wolsung-3 reactor
NT3	skagit-2 reactor	NT3	chapelcross-2 reactor	NT4	wolsung-4 reactor
NT3	sl-1 reactor	NT3	chapelcross-3 reactor	NT3	cirene reactor
NT3	susquehanna-1 reactor	NT3	chapelcross-4 reactor	NT3	cvtr reactor
NT3	susquehanna-2 reactor	NT3	dungeness-a reactor	NT3	el-4 reactor
NT3	tarapur-1 reactor	NT3	hinkley point-a reactor	NT3	jatr reactor
NT3	tarapur-2 reactor	NT3	hunterston-a reactor	NT3	kalpakkam-1 reactor

NT3	kalpakkam-2 reactor	NT3	bugey-3 reactor	NT3	fuqing-1 reactor
NT3	lucens reactor	NT3	bugey-4 reactor	NT3	fuqing-2 reactor
NT3	niederaichbach reactor	NT3	bugey-5 reactor	NT3	fuqing-3 reactor
NT3	prtr reactor	NT3	bw standard reactor	NT3	fuqing-4 reactor
NT3	sghwr reactor	NT3	byron-1 reactor	NT3	fuqing-5 reactor
NT2	propulsion reactors	NT3	byron-2 reactor	NT3	fuqing-6 reactor
NT3	aircraft propulsion reactors	NT3	calhoun-1 reactor	NT3	genkai-1 reactor
NT4	xma-1 reactor	NT3	calhoun-2 reactor	NT3	genkai-2 reactor
NT3	ship propulsion reactors	NT3	callaway-1 reactor	NT3	genkai-3 reactor
NT4	efdr-50 reactor	NT3	callaway-2 reactor	NT3	genkai-4 reactor
NT4	lenin reactor	NT3	calvert cliffs-1 reactor	NT3	ginna-1 reactor
NT4	leonid brezhnev reactor	NT3	calvert cliffs-2 reactor	NT3	goesgen reactor
NT4	mutsu reactor	NT3	carem 25 reactor	NT3	golfech-1 reactor
NT4	otto hahn reactor	NT3	catawba-1 reactor	NT3	golfech-2 reactor
NT4	savannah reactor	NT3	catawba-2 reactor	NT3	grafenhainfeld reactor
NT4	sibir reactor	NT3	cattenom-1 reactor	NT3	gravelines-1 reactor
NT3	space propulsion reactors	NT3	cattenom-2 reactor	NT3	gravelines-2 reactor
NT4	kiwi reactors	NT3	cattenom-3 reactor	NT3	gravelines-3 reactor
NT5	kiwi-tnt reactor	NT3	cattenom-4 reactor	NT3	gravelines-4 reactor
NT4	nerva reactor	NT3	ce standard reactor	NT3	gravelines-5 reactor
NT4	nrx-a1 reactor	NT3	changjiang-1 reactor	NT3	gravelines-6 reactor
NT4	nrx-a2 reactor	NT3	changjiang-2 reactor	NT3	greene county reactor
NT4	nrx-a3 reactor	NT3	chasnupp-1 reactor	NT3	greenwood-2 reactor
NT4	nrx-a4-est reactor	NT3	chasnupp-2 reactor	NT3	greenwood-3 reactor
NT4	nrx-a5 reactor	NT3	chasnupp-3 reactor	NT3	grohnde reactor
NT4	nrx-a6 reactor	NT3	cherokee-1 reactor	NT3	hamm-uentrop reactor
NT4	nrx-a7 reactor	NT3	cherokee-2 reactor	NT3	hanbit-1 reactor
NT4	pewee-1 reactor	NT3	cherokee-3 reactor	NT3	hanbit-2 reactor
NT4	pewee-2 reactor	NT3	chinon-b1 reactor	NT3	hanbit-3 reactor
NT4	pewee-3 reactor	NT3	chinon-b2 reactor	NT3	hanbit-4 reactor
NT4	pewee-4 reactor	NT3	chinon-b3 reactor	NT3	hanbit-5 reactor
NT4	phoebus-1a reactor	NT3	chinon-b4 reactor	NT3	hanbit-6 reactor
NT4	phoebus-1b reactor	NT3	chooz-a reactor	NT3	harris-1 reactor
NT4	phoebus-2a reactor	NT3	chooz-b1 reactor	NT3	harris-2 reactor
NT4	rover reactors	NT3	chooz-b2 reactor	NT3	harris-3 reactor
NT4	twmr reactor	NT3	civaux-1 reactor	NT3	harris-4 reactor
NT4	xe-2 reactor	NT3	civaux-2 reactor	NT3	haven-1 reactor
NT3	tory-2a reactor	NT3	comanche peak-1 reactor	NT4	koshkonong-1 reactor
NT3	tory-2c reactor	NT3	comanche peak-2 reactor	NT3	haven-2 reactor
NT3	xe-prime reactor	NT3	connecticut yankee reactor	NT4	koshkonong-2 reactor
NT2	pwr type reactors	NT3	cook-1 reactor	NT3	hongyanhe-1 reactor
NT3	aguirre reactor	NT3	cook-2 reactor	NT3	hongyanhe-2 reactor
NT3	almaz-1 reactor	NT3	cruas-1 reactor	NT3	hongyanhe-3 reactor
NT3	almaz-2 reactor	NT3	cruas-2 reactor	NT3	hongyanhe-4 reactor
NT3	angra-1 reactor	NT3	cruas-3 reactor	NT3	ikata-2 reactor
NT3	angra-2 reactor	NT3	cruas-4 reactor	NT3	ikata-3 reactor
NT3	angra-3 reactor	NT3	crystal river-3 reactor	NT3	ikata reactor
NT3	arkansas-1 reactor	NT3	crystal river-4 reactor	NT3	indian point-1 reactor
NT3	arkansas-2 reactor	NT3	dampierre-1 reactor	NT3	indian point-2 reactor
NT3	asco-1 reactor	NT3	dampierre-2 reactor	NT3	indian point-3 reactor
NT3	asco-2 reactor	NT3	dampierre-3 reactor	NT3	iran-1 reactor
NT3	atlantic-1 reactor	NT3	dampierre-4 reactor	NT3	iran-2 reactor
NT3	atlantic-2 reactor	NT3	davis besse-1 reactor	NT3	isar-2 reactor
NT3	basf-1 reactor	NT3	davis besse-2 reactor	NT3	jamesport-1 reactor
NT3	basf-2 reactor	NT3	davis besse-3 reactor	NT3	jamesport-2 reactor
NT3	beaver valley-1 reactor	NT3	daya bay-1 reactor	NT3	kewaunee reactor
NT3	beaver valley-2 reactor	NT3	daya bay-2 reactor	NT3	klt-40 reactors
NT3	bellefonte-1 reactor	NT3	diablo canyon-1 reactor	NT3	klt-40m reactors
NT3	bellefonte-2 reactor	NT3	diablo canyon-2 reactor	NT3	klt-40s reactor
NT3	belleville-1 reactor	NT3	doel-1 reactor	NT3	koeberg-1 reactor
NT3	belleville-2 reactor	NT3	doel-2 reactor	NT3	koeberg-2 reactor
NT3	bezna-1 reactor	NT3	doel-3 reactor	NT3	kori-1 reactor
NT3	bezna-2 reactor	NT3	doel-4 reactor	NT3	kori-2 reactor
NT3	biblis-1 reactor	NT3	efdr-50 reactor	NT3	kori-3 reactor
NT3	biblis-2 reactor	NT3	emsland reactor	NT3	kori-4 reactor
NT3	biblis-3 reactor	NT3	erie-1 reactor	NT3	krsko reactor
NT3	biblis-4 reactor	NT3	erie-2 reactor	NT3	lemoniz-1 reactor
NT3	blayais-1 reactor	NT3	fangchenggang-1 reactor	NT3	lemoniz-2 reactor
NT3	blayais-2 reactor	NT3	fangchenggang-2 reactor	NT3	lenin reactor
NT3	blayais-3 reactor	NT3	fangjiashan-1 reactor	NT3	leonid brezhnev reactor
NT3	blayais-4 reactor	NT3	fangjiashan-2 reactor	NT3	lingao-1 reactor
NT3	blue hills-1 reactor	NT3	farley-1 reactor	NT3	lingao-2 reactor
NT3	blue hills-2 reactor	NT3	farley-2 reactor	NT3	lingao-3 reactor
NT3	borssele reactor	NT3	fessenheim-1 reactor	NT3	lingao-4 reactor
NT3	br-3 reactor	NT3	fessenheim-2 reactor	NT3	loft reactor
NT3	braidwood-1 reactor	NT3	flamanville-1 reactor	NT3	lucie-1 reactor
NT3	braidwood-2 reactor	NT3	flamanville-2 reactor	NT3	lucie-2 reactor
NT3	brokdorf reactor	NT3	flamanville-3 reactor	NT3	maanshan-1 reactor
NT3	bugey-2 reactor	NT3	forked river-1 reactor	NT3	maanshan-2 reactor

NT3	maine yankee reactor	NT3	quanicassee-1 reactor	NT3	ulchin-5 reactor
NT3	malibu-1 reactor	NT3	quanicassee-2 reactor	NT3	ulchin-6 reactor
NT3	marble hill-1 reactor	NT3	rancho seco-1 reactor	NT3	unterweser reactor
NT3	marble hill-2 reactor	NT3	remerschen reactor	NT3	vahnum-1 reactor
NT3	mc guire-1 reactor	NT3	rheinsberg akw1 reactor	NT3	vahnum-2 reactor
NT3	mc guire-2 reactor	NT3	ringhals-2 reactor	NT3	vandellos-2 reactor
NT3	mh-1a reactor	NT3	ringhals-3 reactor	NT3	vogtle-1 reactor
NT3	midland-1 reactor	NT3	ringhals-4 reactor	NT3	vogtle-2 reactor
NT3	midland-2 reactor	NT3	robinson-2 reactor	NT3	vogtle-3 reactor
NT3	mihama-1 reactor	NT3	rooppur reactor	NT3	vogtle-4 reactor
NT3	mihama-2 reactor	NT3	rowe yankee reactor	NT3	waterford-3 reactor
NT3	mihama-3 reactor	NT3	s1c prototype reactor	NT3	waterford-4 reactor
NT3	millstone-2 reactor	NT3	saint alban-1 reactor	NT3	watts bar-1 reactor
NT3	millstone-3 reactor	NT3	saint alban-2 reactor	NT3	watts bar-2 reactor
NT3	muelheim-kaerlich reactor	NT3	saint laurent-b1 reactor	NT3	westinghouse standard reactor
NT3	mutsu reactor	NT3	saint laurent-b2 reactor	NT3	wnp-1 reactor
NT3	neckar-1 reactor	NT3	salem-1 reactor	NT3	wnp-3 reactor
NT3	neckar-2 reactor	NT3	salem-2 reactor	NT3	wnp-4 reactor
NT3	nep-1 reactor	NT3	san onofre-1 reactor	NT3	wnp-5 reactor
NT3	nep-2 reactor	NT3	san onofre-2 reactor	NT3	wolf creek-1 reactor
NT3	neupotz-1 reactor	NT3	san onofre-3 reactor	NT3	wup-3 reactor
NT3	neupotz-2 reactor	NT3	savannah reactor	NT3	wup-4 reactor
NT3	ningde-1 reactor	NT3	saxton reactor	NT3	wup-5 reactor
NT3	ningde-2 reactor	NT3	seabrook-1 reactor	NT3	wup-6 reactor
NT3	ningde-3 reactor	NT3	seabrook-2 reactor	NT3	wwer type reactors
NT3	ningde-4 reactor	NT3	selni reactor	NT4	armenian-1 reactor
NT3	nogent-1 reactor	NT3	sendai-1 reactor	NT4	armenian-2 reactor
NT3	nogent-2 reactor	NT3	sendai-2 reactor	NT4	balakovo-1 reactor
NT3	north anna-1 reactor	NT3	sequoyah-1 reactor	NT4	balakovo-2 reactor
NT3	north anna-2 reactor	NT3	sequoyah-2 reactor	NT4	balakovo-3 reactor
NT3	north anna-3 reactor	NT3	shin-kori-1 reactor	NT4	balakovo-4 reactor
NT3	north anna-4 reactor	NT3	shin-kori-2 reactor	NT4	blahutovice-1 reactor
NT3	north coast-1 reactor	NT3	shin-kori-3 reactor	NT4	bohunice v-1 reactor
NT3	obrigheim reactor	NT3	shin-wolsong-1 reactor	NT4	bohunice v-2 reactor
NT3	oconee-1 reactor	NT3	shippingport reactor	NT4	dukovany-1 reactor
NT3	oconee-2 reactor	NT3	sizewell-b reactor	NT4	dukovany-2 reactor
NT3	oconee-3 reactor	NT3	sm-1 reactor	NT4	dukovany-3 reactor
NT3	oi-1 reactor	NT3	sm-1a reactor	NT4	dukovany-4 reactor
NT3	oi-2 reactor	NT3	south texas project-1 reactor	NT4	greifswald-1 reactor
NT3	oi-3 reactor	NT3	south texas project-2 reactor	NT4	greifswald-2 reactor
NT3	oi-4 reactor	NT3	stade reactor	NT4	greifswald-3 reactor
NT3	ok-900a reactors	NT3	sterling-1 reactor	NT4	greifswald-4 reactor
NT3	oktemberyan-2 reactor	NT3	sterling-2 reactor	NT4	greifswald-5 reactor
NT3	olkiluoto-3 reactor	NT3	summer-1 reactor	NT4	greifswald-6 reactor
NT3	otto hahn reactor	NT3	sundesert-1 reactor	NT4	juragua-1 reactor
NT3	palisades-1 reactor	NT3	sundesert-2 reactor	NT4	kalinin-1 reactor
NT3	palo verde-1 reactor	NT3	surry-1 reactor	NT4	kalinin-2 reactor
NT3	palo verde-2 reactor	NT3	surry-2 reactor	NT4	kalinin-3 reactor
NT3	palo verde-3 reactor	NT3	surry-3 reactor	NT4	kalinin-4 reactor
NT3	palo verde-4 reactor	NT3	surry-4 reactor	NT4	kecerovce-1 reactor
NT3	palo verde-5 reactor	NT3	takahama-1 reactor	NT4	khmel'nitskij-1 reactor
NT3	paluel-1 reactor	NT3	takahama-2 reactor	NT4	khmel'nitskij-2 reactor
NT3	paluel-2 reactor	NT3	takahama-3 reactor	NT4	kola-1 reactor
NT3	paluel-3 reactor	NT3	takahama-4 reactor	NT4	kola-2 reactor
NT3	paluel-4 reactor	NT3	three mile island-1 reactor	NT4	kola-3 reactor
NT3	pat reactor	NT3	three mile island-2 reactor	NT4	kola-4 reactor
NT3	pebble springs-1 reactor	NT3	tihange-2 reactor	NT4	kozloduy-1 reactor
NT3	pebble springs-2 reactor	NT3	tihange-3 reactor	NT4	kozloduy-2 reactor
NT3	penly-1 reactor	NT3	tihange reactor	NT4	kozloduy-3 reactor
NT3	penly-2 reactor	NT3	tomari-1 reactor	NT4	kozloduy-4 reactor
NT3	penly-3 reactor	NT3	tomari-2 reactor	NT4	kozloduy-5 reactor
NT3	perkins-1 reactor	NT3	tomari-3 reactor	NT4	kozloduy-6 reactor
NT3	perkins-2 reactor	NT3	tricastin-1 reactor	NT4	kudankulam-1 reactor
NT3	perkins-3 reactor	NT3	tricastin-2 reactor	NT4	kudankulam-2 reactor
NT3	philippsburg-2 reactor	NT3	tricastin-3 reactor	NT4	loviisa-1 reactor
NT3	pilgrim-2 reactor	NT3	tricastin-4 reactor	NT4	loviisa-2 reactor
NT3	pilgrim-3 reactor	NT3	trillo-1 reactor	NT4	mochovce-1 reactor
NT3	pm-2a reactor	NT3	trojan reactor	NT4	mochovce-2 reactor
NT3	pm-3a reactor	NT3	tsuruga-2 reactor	NT4	novovoronezh-1 reactor
NT3	pnpp-1 reactor	NT3	turkey point-3 reactor	NT4	novovoronezh-2 reactor
NT3	point beach-1 reactor	NT3	turkey point-4 reactor	NT4	novovoronezh-3 reactor
NT3	point beach-2 reactor	NT3	tva-1 reactor	NT4	novovoronezh-4 reactor
NT3	prairie island-1 reactor	NT3	tva-2 reactor	NT4	novovoronezh-5 reactor
NT3	prairie island-2 reactor	NT3	tyrone-1 reactor	NT4	paks-1 reactor
NT3	qinshan-1 reactor	NT3	tyrone-2 reactor	NT4	paks-2 reactor
NT3	qinshan-2-1 reactor	NT3	ulchin-1 reactor	NT4	paks-3 reactor
NT3	qinshan-2-2 reactor	NT3	ulchin-2 reactor	NT4	paks-4 reactor
NT3	qinshan-2-3 reactor	NT3	ulchin-3 reactor	NT4	rostov-1 reactor
NT3	qinshan-2-4 reactor	NT3	ulchin-4 reactor	NT4	rostov-2 reactor

NT4	rostov-3 reactor	NT2	summit-2 reactor	NT2	tibr reactor
NT4	rovno-1 reactor	NT2	tarapur-3 reactor	NT2	triga-1-california reactor
NT4	rovno-2 reactor	NT2	tarapur-4 reactor	NT2	triga-1-michigan reactor
NT4	rovno-3 reactor	NT2	thermionic reactors	NT2	triga-2-bangladesh reactor
NT4	rovno-4 reactor	NT2	thermoelectric reactors	NT2	triga-2-illinois reactor
NT4	rovno-5 reactor	NT2	thtr-300 reactor	NT2	triga-2-kansas reactor
NT4	south ukrainian-1 reactor	NT2	topaz reactor	NT2	triga-2-mainz reactor
NT4	south ukrainian-2 reactor	NT2	torness reactor	NT2	triga-2-pavia reactor
NT4	south ukrainian-3 reactor	NT2	vandellos reactor	NT2	triga-2-pitesti reactor
NT4	stendal-1 reactor	NT2	vg-400 reactor	NT2	triga-3-munich reactor
NT4	tatarian reactor	NT2	vgr-50 reactor	NT2	triga-texas reactor
NT4	temelin-1 reactor	NT2	vhr reactor	NT2	ucbrr reactor
NT4	temelin-2 reactor	NT2	vidal-1 reactor	NT2	viper reactor
NT4	tianwan-1 reactor	NT2	vidal-2 reactor	NT2	wsur reactor
NT4	tianwan-2 reactor	NT2	vrain reactor	NT2	xapr reactor
NT4	zaporozhe-1 reactor	NT2	wagr reactor	NT1	research and test reactors
NT4	zaporozhe-2 reactor	NT1	process heat reactors	NT2	argonaut type reactors
NT4	zaporozhe-3 reactor	NT2	agesta reactor	NT3	aeg-pr-10 reactor
NT4	zaporozhe-4 reactor	NT2	midland-1 reactor	NT3	arbi reactor
NT4	zaporozhe-5 reactor	NT2	midland-2 reactor	NT3	argonaut reactor
NT4	zaporozhe-6 reactor	NT2	nhf-5 reactor	NT3	argos reactor
NT3	wyhl-1 reactor	NT2	pm-2a reactor	NT3	athene reactor
NT3	wyhl-2 reactor	NT2	ser reactor	NT3	jason reactor
NT3	yangjiang-1 reactor	NT2	sl-1 reactor	NT3	lfr reactor
NT3	yangjiang-2 reactor	NT2	slowpoke-wnre reactor	NT3	moata reactor
NT3	yangjiang-3 reactor	NT2	sm-1a reactor	NT3	nestor reactor
NT3	yangjiang-4 reactor	NT2	snap 10 reactor	NT3	queen mary college utr-b reactor
NT3	yellow creek-1 reactor	NT3	s10fs-1 reactor	NT3	ra-1 reactor
NT3	yellow creek-2 reactor	NT3	s10fs-3 reactor	NT3	rb-2 reactor
NT3	zion-1 reactor	NT3	s10fs-4 reactor	NT3	rien-1 reactor
NT3	zion-2 reactor	NT2	snap-tsf reactor	NT3	srsc-utr-100 reactor
NT3	zorita-1 reactor	NT2	thermos reactor	NT3	stark reactor
NT2	rajasthan-5 reactor	NT2	production reactors	NT3	strasbourg-cronenbourg reactor
NT2	rajasthan-6 reactor	NT2	plutonium production reactors	NT3	ufr reactor
NT2	rancho seco-2 reactor	NT3	calder hall a-1 reactor	NT3	ulyse reactor
NT2	saint laurent-a1 reactor	NT3	calder hall a-2 reactor	NT3	urr reactor
NT2	saint laurent-a2 reactor	NT3	calder hall b-3 reactor	NT3	utr-10-kinki reactor
NT2	schmehausen-2 reactor	NT3	calder hall b-4 reactor	NT3	vpi-utr-10 reactor
NT2	sefor reactor	NT3	chapelcross-1 reactor	NT2	experimental reactors
NT2	smolensk-1 reactor	NT3	chapelcross-2 reactor	NT3	aps reactor
NT2	smolensk-2 reactor	NT3	chapelcross-3 reactor	NT3	arbus reactor
NT2	smolensk-3 reactor	NT3	chapelcross-4 reactor	NT3	atrc reactor
NT2	snr-2 reactor	NT3	g-1 reactor	NT3	bilibin reactor
NT2	snr reactor	NT3	g-2 reactor	NT3	bor-60 reactor
NT2	space power reactors	NT3	g-3 reactor	NT3	borax-1 reactor
NT3	snap reactors	NT3	hanford production reactors	NT3	borax-2 reactor
NT4	snap 10 reactor	NT3	n-reactor	NT3	borax-3 reactor
NT5	s10fs-1 reactor	NT3	windscale production reactors	NT3	borax-4 reactor
NT5	s10fs-3 reactor	NT2	rtr reactor	NT3	brest-od-300 reactor
NT5	s10fs-4 reactor	NT2	special production reactors	NT3	cefr reactor
NT4	snap 2 reactor	NT3	c reactor	NT3	cesar reactor
NT5	s2ds reactor	NT3	k reactor	NT3	dfr reactor
NT4	snap 50 reactor	NT3	l reactor	NT3	dragon reactor
NT4	snap 8 reactor	NT3	p reactor	NT3	ebr-1 reactor
NT5	s8dr reactor	NT3	r reactor	NT3	ebr-2 reactor
NT5	s8er reactor	NT2	sr-305 reactor	NT3	ebwr reactor
NT3	space propulsion reactors	NT1	pulsed reactors	NT3	egcr reactor
NT4	kiwi reactors	NT2	acpr reactor	NT3	el-1 reactor
NT5	kiwi-tnt reactor	NT2	aprf reactor	NT3	eocr reactor
NT4	nerva reactor	NT2	atpr reactor	NT3	esada-vesr reactor
NT4	nrx-a1 reactor	NT2	bigr reactor	NT3	ewg-1 reactor
NT4	nrx-a2 reactor	NT2	bir reactor	NT3	gcre reactor
NT4	nrx-a3 reactor	NT2	flbrf reactor	NT3	hbwr reactor
NT4	nrx-a4-est reactor	NT2	fir-1 reactor	NT3	hdr reactor
NT4	nrx-a5 reactor	NT2	gidra reactor	NT3	hre-2 reactor
NT4	nrx-a6 reactor	NT2	hector reactor	NT3	htr-10 reactor
NT4	nrx-a7 reactor	NT2	hprf reactor	NT3	httr reactor
NT4	pewee-1 reactor	NT2	ibr-2 reactor	NT3	igr reactor
NT4	pewee-2 reactor	NT2	ibr-30 reactor	NT3	ir-100 reactor
NT4	pewee-3 reactor	NT2	igr reactor	NT3	joyo reactor
NT4	pewee-4 reactor	NT2	kalpakkam pfr reactor	NT3	jpdr reactor
NT4	phoebus-1a reactor	NT2	nsrr reactor	NT3	jules horowitz reactor
NT4	phoebus-1b reactor	NT2	ostr reactor	NT3	kiwi-tnt reactor
NT4	phoebus-2a reactor	NT2	pbf reactor	NT3	knk-2 reactor
NT4	rover reactors	NT2	sora reactor	NT3	knk reactor
NT4	twmr reactor	NT2	spr-2 reactor	NT3	lampre-1 reactor
NT4	xe-2 reactor	NT2	spr-3 reactor	NT3	mh-1a reactor
NT2	sre reactor	NT2	spr-4 reactor	NT3	mir reactor
NT2	summit-1 reactor	NT2	super kukla reactor	NT3	msre reactor

NT3	nrx-a1 reactor	NT4	kahter reactor	NT3	afsr reactor
NT3	nrx-a2 reactor	NT4	kbr-1 reactor	NT3	agata reactor
NT3	nrx-a3 reactor	NT4	kritz reactor	NT3	ai-l-77 reactor
NT3	nrx-a4-est reactor	NT4	kuca reactor	NT3	alrr reactor
NT3	nrx-a5 reactor	NT4	lptf reactor	NT3	anna reactor
NT3	nrx-a6 reactor	NT4	lr-0 reactor	NT3	aprf reactor
NT3	nrx-a7 reactor	NT4	lvr-15 reactor	NT3	apsara reactor
NT3	omre reactor	NT4	marius reactor	NT3	arbi reactor
NT3	opal reactor	NT4	maryla reactor	NT3	argonaut reactor
NT3	rover reactors	NT4	masurca reactor	NT3	argos reactor
NT3	sefor reactor	NT4	minerve reactor	NT3	argus reactor
NT3	spert-1 reactor	NT4	neptune reactor	NT3	armf-1 reactor
NT3	spert-2 reactor	NT4	nsf-rfp reactor	NT3	astra reactor
NT3	spert-3 reactor	NT4	or-cef reactor	NT3	athene reactor
NT3	spert-4 reactor	NT4	ornl-pca reactor	NT3	atpr reactor
NT3	sre reactor	NT4	parka reactor	NT3	atsr reactor
NT3	subcritical assemblies	NT4	pdp reactor	NT3	avogadro rs-1 reactor
NT4	accelerator-driven subcritical systems	NT4	peggy reactor	NT3	bam reactor
NT5	accelerator-driven transmutation facilities	NT4	pelinduna reactor	NT3	bepo reactor
NT5	brahmha facility	NT4	plasma core assembly	NT3	ber-2 reactor
NT5	myrrha facility	NT4	prcf reactor	NT3	bgr reactor
NT5	venus reactor	NT4	prf-unc reactor	NT3	bigr reactor
NT5	yalina facility	NT4	pumima-2 reactor	NT3	bir reactor
NT4	delphi reactor	NT4	pumima reactor	NT3	br-02 reactor
NT4	entc lwsr reactor	NT4	r-b reactor	NT3	br-1 reactor
NT4	jordan subcritical assembly	NT4	ra-0 reactor	NT3	brr reactor
NT4	nuclear chicago reactor	NT4	ra-2 reactor	NT3	bsr-1 reactor
NT4	pse reactor	NT4	ra-8 reactor	NT3	bsr-2 reactor
NT4	sm-1 subcritical assembly	NT4	rake-2 reactor	NT3	byu l-77 reactor
NT4	stsf assembly	NT4	rb-1 reactor	NT3	cabri reactor
NT4	venus-1 reactor	NT4	rb-3 reactor	NT3	carem 25 reactor
NT3	topaz reactor	NT4	rensselaer critical facility	NT3	carr reactor
NT3	tory-2a reactor	NT4	ritmo reactor	NT3	cesar reactor
NT3	tory-2c reactor	NT4	rospo reactor	NT3	cesnef reactor
NT3	treat reactor	NT4	rp-0 reactor	NT3	cirus reactor
NT3	tz1 reactor	NT4	saref reactor	NT3	clementine reactor
NT3	tz2 reactor	NT4	shca reactor	NT3	cmrr reactor
NT3	uhtrex reactor	NT4	silene reactor	NT3	consort-2 reactor
NT3	venus reactor	NT4	siloette reactor	NT3	coral-1 reactor
NT3	vhtr reactor	NT4	sm-1 subcritical assembly	NT3	cp-2 reactor
NT3	xe-2 reactor	NT4	sneak reactor	NT3	cp-3 reactor
NT3	xe-prime reactor	NT4	split table reactor	NT3	cp-3m reactor
NT3	xma-1 reactor	NT4	sr-0a reactor	NT3	cp-5 reactor
NT3	zero power reactors	NT4	stacy reactor	NT3	cp-6 reactor
NT4	agata reactor	NT4	tca reactor	NT3	crocus reactor
NT4	agn-201k reactor	NT4	tnrc reactor	NT3	democritus reactor
NT4	akr-1 reactor	NT4	tr-0 reactor	NT3	dhruva reactor
NT4	anex reactor	NT4	tracy reactor	NT3	dido reactor
NT4	anna reactor	NT4	vera reactor	NT3	diorit reactor
NT4	apfa-3 reactor	NT4	wwr-k cf reactor	NT3	dmtr reactor
NT4	aquilon reactor	NT4	zebra reactor	NT3	dow triga-mk-1 reactor
NT4	bfs reactor	NT4	zeep reactor	NT3	dr-1 reactor
NT4	big ten reactor	NT4	zenith reactor	NT3	dr-2 reactor
NT4	cfrmf reactor	NT4	zephyr reactor	NT3	dr-3 reactor
NT4	cml reactor	NT4	zerlina reactor	NT3	ebor reactor
NT4	coral-1 reactor	NT4	zlfr reactor	NT3	ebr-1 reactor
NT4	crocus reactor	NT4	zppr reactor	NT3	eco reactor
NT4	dca reactor	NT4	zpr-3 reactor	NT3	el-1 reactor
NT4	dimple reactor	NT4	zpr-6 reactor	NT3	el-2 reactor
NT4	ecel reactor	NT4	zpr-9 reactor	NT3	el-3 reactor
NT4	entc lwsr reactor	NT4	zpr reactor	NT3	eocr reactor
NT4	ermine reactor	NT4	zr-6 reactor	NT3	eole reactor
NT4	etrc reactor	NT3	zrr reactor	NT3	es-salam reactor
NT4	fca reactor	NT2	kalpakkam pfr reactor	NT3	etr reactor
NT4	flattop reactor	NT2	kamini reactor	NT3	etrc reactor
NT4	fr-0 reactor	NT2	maple reactor	NT3	etrr-1 reactor
NT4	giacint reactor	NT2	maple type reactors	NT3	etrr-2 reactor
NT4	godiva reactor	NT2	maria reactor	NT3	ewa reactor
NT4	hero reactor	NT2	nuclear furnace reactor	NT3	f-1 reactor
NT4	hitrex-1 reactor	NT2	pumima-3 reactor	NT3	fbrf reactor
NT4	horace reactor	NT2	research reactors	NT3	ffit reactor
NT4	hwzpr reactor	NT3	aarr reactor	NT3	fir-1 reactor
NT4	iea-zpr reactor	NT3	acpr reactor	NT3	fmr reactor
NT4	ifr reactor	NT3	aeg-pr-10 reactor	NT3	fmr reactor
NT4	ipen-mb-1 reactor	NT3	aerogel-general nucleonics reactors	NT3	fr-0 reactor
NT4	jezebel reactor	NT4	agn 201 costanza	NT3	fr-2 reactor
NT4	juno reactor	NT4	agn-201k reactor	NT3	frf reactor
		NT3	afri reactor	NT3	frg-1 reactor
				NT3	frg-2 reactor

NT3	frj-1 reactor	NT3	lvr-15 reactor	NT3	sbr-5 reactor
NT3	frj-2 reactor	NT3	marius reactor	NT3	scarabee reactor
NT3	frm-ii reactor	NT3	maryla reactor	NT3	silene reactor
NT3	frm reactor	NT3	melusine-1 reactor	NT3	slowpoke type reactors
NT3	frm reactor	NT3	merlin reactor	NT4	slowpoke-alberta reactor
NT3	ga siwabessy reactor	NT3	minerve reactor	NT4	slowpoke-dalhousie reactor
NT3	glacint reactor	NT3	mitr reactor	NT4	slowpoke-mona reactor
NT3	gidra reactor	NT3	mnr reactor	NT4	slowpoke-montreal reactor
NT3	gleep reactor	NT3	mnsr type reactors	NT4	slowpoke-ottawa reactor
NT3	grenoble reactor	NT4	entc mnsr reactor	NT4	slowpoke rmc reactor
NT3	gtrr reactor	NT4	gharr-1 reactor	NT4	slowpoke src reactor
NT3	gulf triga-mk-3 reactor	NT4	mnsr-ciae reactor	NT4	slowpoke-toronto reactor
NT3	hanaro reactor	NT4	mnsr-sd reactor	NT4	slowpoke-wmre reactor
NT3	harmonie reactor	NT4	mnsr-sh reactor	NT3	sm-1 subcritical assembly
NT3	hector reactor	NT4	mnsr-sz reactor	NT3	sneak reactor
NT3	herald reactor	NT4	nirr-1 reactor	NT3	sora reactor
NT3	hero reactor	NT4	parr-2 reactor	NT3	spert-1 reactor
NT3	hew-305 reactor	NT4	srr-1 reactor	NT3	spr-2 reactor
NT3	hfbr reactor	NT3	moata reactor	NT3	spr-3 reactor
NT3	hfir reactor	NT3	mr reactor	NT3	spr-4 reactor
NT3	hfr reactor	NT3	mrr reactor	NT3	spr iae reactor
NT3	hifar reactor	NT3	murr reactor	NT3	sprr-300 reactor
NT3	hor reactor	NT3	myrrha facility	NT3	sr-1 reactor
NT3	horace reactor	NT3	nbsr reactor	NT3	sr-0a reactor
NT3	hprr reactor	NT3	ncscr-1 reactor	NT3	src-utr-100 reactor
NT3	hre-2 reactor	NT3	nestor reactor	NT3	stf reactor
NT3	htltr reactor	NT3	nhr-5 reactor	NT3	supo reactor
NT3	htr reactor	NT3	nora reactor	NT3	swierk r-2 reactor
NT3	hwrr reactor	NT3	nru reactor	NT3	taiwan research reactor
NT3	ian-r1 reactor	NT3	nrx reactor	NT3	tapiro reactor
NT3	ibr-2 reactor	NT3	nsrr reactor	NT3	tca reactor
NT3	ibr-30 reactor	NT3	ntr reactor	NT3	thetis reactor
NT3	iea-zpr reactor	NT3	nur reactor	NT3	thor reactor
NT3	iear-1 reactor	NT3	orphee reactor	NT3	tibr reactor
NT3	ihni-1 reactor	NT3	osiris reactor	NT3	tory-2a reactor
NT3	ill high flux reactor	NT3	owr reactor	NT3	toshiba reactor
NT3	irl reactor	NT3	parr-1 reactor	NT3	tr-1 reactor
NT3	irr-1 reactor	NT3	pat reactor	NT3	tr-2 reactor
NT3	irr-2 reactor	NT3	pbr reactor	NT3	triga-1-michigan reactor
NT3	irt-1 libya reactor	NT3	pctr reactor	NT3	triton reactor
NT3	irt-2000 djakarta reactor	NT3	phebus reactor	NT3	trr-1 reactor
NT3	irt-2000 moscow reactor	NT3	pik physical model reactor	NT3	tsr-2 reactor
NT3	irt-baghdad reactor	NT3	pik reactor	NT3	ufr reactor
NT3	irt-c reactor	NT3	prnc-l-77 reactor	NT3	uknr reactor
NT3	irt-dprk reactor	NT3	proteus reactor	NT3	umne-1 reactor
NT3	irt-f reactor	NT3	prtr reactor	NT3	umrr reactor
NT3	irt-m reactor	NT3	psbr reactor	NT3	utr-10-kinki reactor
NT3	irt reactor	NT3	ptr reactor	NT3	utrr reactor
NT3	irt-sofia reactor	NT3	pulstar-buffalo reactor	NT3	uvar reactor
NT3	isis reactor	NT3	pulstar-raleigh reactor	NT3	vera reactor
NT3	ispra-1 reactor	NT3	r-1 reactor	NT3	viper reactor
NT3	ivv-2m reactor	NT3	r-2 reactor	NT3	vpi-utr-10 reactor
NT3	ivv-7 reactor	NT3	r-a reactor	NT3	wrrr reactor
NT3	janus reactor	NT3	r2-0 reactor	NT3	wsur reactor
NT3	jason reactor	NT3	ra-0 reactor	NT3	wtr reactor
NT3	jeep-2 reactor	NT3	ra-10 reactor	NT3	wwr-2 reactor
NT3	jen-1 reactor	NT3	ra-2 reactor	NT3	wwr-k-almaty reactor
NT3	jen-2 reactor	NT3	ra-3 reactor	NT3	wwr-k cf reactor
NT3	jen reactor	NT3	ra-4 reactor	NT3	wwr-m-kiev reactor
NT3	jmr reactor	NT3	ra-5 reactor	NT3	wwr-m-leningrad reactor
NT3	jrr-1 reactor	NT3	ra-6 reactor	NT3	wwr-s-bucharest reactor
NT3	jrr-2 reactor	NT3	ra-8 reactor	NT3	wwr-s-cairo reactor
NT3	jrr-3 reactor	NT3	rake-2 reactor	NT3	wwr-s-moscow reactor
NT3	jrr-3m reactor	NT3	rana reactor	NT3	wwr-s-prague reactor
NT3	jrr-4 reactor	NT3	rb-1 reactor	NT3	wwr-s-tashkent reactor
NT3	jrr reactor	NT3	rg-1m reactor	NT3	wwr-sm rossendorf reactor
NT3	juno reactor	NT3	rien-1 reactor	NT3	wwr-z reactor
NT3	kartini-ppny reactor	NT3	rinsc reactor	NT3	x-10 reactor
NT3	king reactor	NT3	ritmo reactor	NT3	xapr reactor
NT3	kstr reactor	NT3	rmb reactor	NT3	zebra reactor
NT3	kuhfr reactor	NT3	romashka reactor	NT3	zeep reactor
NT3	kur reactor	NT3	rp-10 reactor	NT3	zenith reactor
NT3	la reina rech-1 reactor	NT3	rpt reactor	NT3	zerlina reactor
NT3	lfr reactor	NT3	rts-1 reactor	NT3	zlfr reactor
NT3	lido reactor	NT3	rv-1 reactor	NT3	zppr reactor
NT3	lo aguirre rech-2 reactor	NT3	safari-1 reactor	NT2	super kukla reactor
NT3	lpr reactor	NT3	saphir reactor	NT2	test reactors
NT3	lptr reactor	NT3	sbr-1 reactor	NT3	aipfr reactor
NT3	ltir reactor	NT3	sbr-2 reactor	NT3	arbus reactor

NT3 astr reactor
 NT3 astra reactor
 NT3 atrp reactor
 NT3 atr reactor
 NT3 bam reactor
 NT3 bawtr reactor
 NT3 bgrr reactor
 NT3 borax-5 reactor
 NT3 br-02 reactor
 NT3 brr reactor
 NT3 cesnef reactor
 NT3 cirus reactor
 NT3 cp-5 reactor
 NT3 dhruva reactor
 NT3 dimple reactor
 NT3 diorit reactor
 NT3 ebor reactor
 NT3 ebr-1 reactor
 NT3 eco reactor
 NT3 eocr reactor
 NT3 esada-vesr reactor
 NT3 essor reactor
 NT3 etr reactor
 NT3 etrc reactor
 NT3 fffr reactor
 NT3 fir-1 reactor
 NT3 fmr reactor
 NT3 fnr reactor
 NT3 fr-2 reactor
 NT3 frctf reactor
 NT3 frg-1 reactor
 NT3 frn reactor
 NT3 getr reactor
 NT3 grenoble reactor
 NT3 gtr reactor
 NT3 gtrr reactor
 NT3 hanaro reactor
 NT3 harmonie reactor
 NT3 herald reactor
 NT3 hero reactor
 NT3 hew-305 reactor
 NT3 hfir reactor
 NT3 hifar reactor
 NT3 hre-2 reactor
 NT3 htr reactor
 NT3 htr-10 reactor
 NT3 irl reactor
 NT3 irr-1 reactor
 NT3 irt-2000 djakarta reactor
 NT3 irt-2000 moscow reactor
 NT3 irt-baghdad reactor
 NT3 ispra-1 reactor
 NT3 jmr reactor
 NT3 kalpakkm lmfbr reactor
 NT3 loft reactor
 NT3 mzfr reactor
 NT3 netr reactor
 NT3 nru reactor
 NT3 ntr reactor
 NT3 orphee reactor
 NT3 ovr reactor
 NT3 pat reactor
 NT3 pegase reactor
 NT3 proteus reactor
 NT3 ra-3 reactor
 NT3 ra-4 reactor
 NT3 ra-5 reactor
 NT3 ra-6 reactor
 NT3 ra-8 reactor
 NT3 rapsodie reactor
 NT3 rts-1 reactor
 NT3 slc prototype reactor
 NT3 safari-1 reactor
 NT3 sbr-5 reactor
 NT3 snaptran reactors
 NT3 stf reactor
 NT3 tapiro reactor
 NT3 tory-2a reactor
 NT3 tory-2c reactor

NT3 treat reactor
 NT3 triga-1-michigan reactor
 NT3 triga-2-pavia reactor
 NT3 tsr-1 reactor
 NT3 tsr-2 reactor
 NT3 urr reactor
 NT3 uvar reactor
 NT3 viper reactor
 NT3 wr-1 reactor
 NT3 wtr reactor
 NT2 training reactors
 NT3 aérojet-general nucleonics reactors
 NT4 agn 201 costanza
 NT4 agn-201k reactor
 NT3 afrr reactor
 NT3 ai-l-77 reactor
 NT3 akr-1 reactor
 NT3 apsara reactor
 NT3 arbi reactor
 NT3 argonaut reactor
 NT3 argos reactor
 NT3 athene reactor
 NT3 atrp reactor
 NT3 bgrr reactor
 NT3 budapest training reactor
 NT3 byu l-77 reactor
 NT3 cesnef reactor
 NT3 cirus reactor
 NT3 colorado triga-mk-3 reactor
 NT3 consort-2 reactor
 NT3 cornell triga-mk-2 reactor
 NT3 dow triga-mk-1 reactor
 NT3 dr-1 reactor
 NT3 entc lwsr reactor
 NT3 es-salam reactor
 NT3 fir-1 reactor
 NT3 fnr reactor
 NT3 fr-0 reactor
 NT3 frf reactor
 NT3 frg-1 reactor
 NT3 gleep reactor
 NT3 gtr reactor
 NT3 gulf triga-mk-3 reactor
 NT3 hor reactor
 NT3 htr reactor
 NT3 ian-r1 reactor
 NT3 ill high flux reactor
 NT3 iowa utr-10 reactor
 NT3 ir-100 reactor
 NT3 jason reactor
 NT3 jrr-1 reactor
 NT3 kur reactor
 NT3 lfr reactor
 NT3 melusine-1 reactor
 NT3 merlin reactor
 NT3 mitr reactor
 NT3 moata reactor
 NT3 murr reactor
 NT3 ncscr-1 reactor
 NT3 nevada university reactor
 NT3 nscr reactor
 NT3 nuclear chicago reactor
 NT3 ostr reactor
 NT3 osur reactor
 NT3 prnc-l-77 reactor
 NT3 psbr reactor
 NT3 pur-1 reactor
 NT3 queen mary college utr-b reactor
 NT3 r-b reactor
 NT3 ra-1 reactor
 NT3 rien-1 reactor
 NT3 rts-1 reactor
 NT3 rv-1 reactor
 NT3 sr-3p reactor
 NT3 srcc-utr-100 reactor
 NT3 stark reactor
 NT3 strasbourg-cronenbourg reactor
 NT3 sur-100 series reactor

NT3 thetis reactor
 NT3 thor reactor
 NT3 toshiba reactor
 NT3 tr-1 reactor
 NT3 trico ii reactor
 NT3 trico reactor
 NT3 triga-1-michigan reactor
 NT3 triga-2-pavia reactor
 NT3 trr-1 reactor
 NT3 ucbr reactor
 NT3 ufr reactor
 NT3 ulyse reactor
 NT3 umne-1 reactor
 NT3 umrr reactor
 NT3 urr reactor
 NT3 utr-10-kinki reactor
 NT3 uvar reactor
 NT3 uwnr reactor
 NT3 uwtr reactor
 NT3 vpi-utr-10 reactor
 NT3 vr-1 reactor
 NT3 wntr reactor
 NT3 wpir reactor
 NT3 wwr-s-budapest reactor
 NT3 x-10 reactor
 NT3 zlfr reactor
 NT3 zpr reactor
 NT2 triga type reactors
 NT3 afrr reactor
 NT3 atrp reactor
 NT3 colorado triga-mk-3 reactor
 NT3 cornell triga-mk-2 reactor
 NT3 dow triga-mk-1 reactor
 NT3 fir-1 reactor
 NT3 frf-2 reactor
 NT3 frn reactor
 NT3 gulf triga-mk-3 reactor
 NT3 itu-trr reactor
 NT3 kartini-ppny reactor
 NT3 lopra reactor
 NT3 ma-r1 reactor
 NT3 nscr reactor
 NT3 ostr reactor
 NT3 prpr reactor
 NT3 psbr reactor
 NT3 rtp reactor
 NT3 trico ii reactor
 NT3 trico reactor
 NT3 triga-1-arizona reactor
 NT3 triga-1-california reactor
 NT3 triga-1-hanford reactor
 NT3 triga-1-hanover reactor
 NT3 triga-1-heidelberg reactor
 NT3 triga-1-michigan reactor
 NT3 triga-2-bandung reactor
 NT3 triga-2-bangladesh reactor
 NT3 triga-2-dalat reactor
 NT3 triga-2-illinois reactor
 NT3 triga-2-kansas reactor
 NT3 triga-2-ljubljana reactor
 NT3 triga-2-mainz reactor
 NT3 triga-2-musashi reactor
 NT3 triga-2-pavia reactor
 NT3 triga-2-pitesti reactor
 NT3 triga-2-pitesti-ss-core reactor
 NT3 triga-2 reactor
 NT3 triga-2-rikkio reactor
 NT3 triga-2-rome reactor
 NT3 triga-2-seoul reactor
 NT3 triga-2-vienna reactor
 NT3 triga-3-la jolla reactor
 NT3 triga-3-munich reactor
 NT3 triga-3-salazar reactor
 NT3 triga-3-seoul reactor
 NT3 triga-brazil reactor
 NT3 triga-texas reactor
 NT3 triga-veterans reactor
 NT3 ucbr reactor
 NT3 uwnr reactor

NT3 wsur reactor
 NT2 yayoi reactor
 NT1 small modular reactors
 NT2 carem 25 reactor
 NT2 klt-40 reactors
 NT2 klt-40m reactors
 NT2 klt-40s reactor
 NT2 ok-900a reactors
 NT1 steam cooled reactors
 NT1 tank type reactors
 NT2 aarr reactor
 NT2 alrr reactor
 NT2 aquilon reactor
 NT2 atr reactor
 NT2 atrs reactor
 NT2 borax-1 reactor
 NT2 borax-2 reactor
 NT2 borax-3 reactor
 NT2 borax-4 reactor
 NT2 borax-5 reactor
 NT2 br-02 reactor
 NT2 br-1 reactor
 NT2 br-2 reactor
 NT2 cirus reactor
 NT2 cp-3 reactor
 NT2 cp-3m reactor
 NT2 cp-5 reactor
 NT2 dca reactor
 NT2 dido reactor
 NT2 diorit reactor
 NT2 dmtr reactor
 NT2 dr-3 reactor
 NT2 eco reactor
 NT2 el-1 reactor
 NT2 el-2 reactor
 NT2 el-3 reactor
 NT2 eocr reactor
 NT2 eole reactor
 NT2 esada-vesr reactor
 NT2 essor reactor
 NT2 etr reactor
 NT2 etrr-1 reactor
 NT2 ewa reactor
 NT2 ewg-1 reactor
 NT2 fir-1 reactor
 NT2 fr-2 reactor
 NT2 frj-2 reactor
 NT2 getr reactor
 NT2 grenoble reactor
 NT2 gtrr reactor
 NT2 hbwr reactor
 NT2 hfbr reactor
 NT2 hfir reactor
 NT2 hfr reactor
 NT2 hifar reactor
 NT2 hwctr reactor
 NT2 igr reactor
 NT2 irr-2 reactor
 NT2 ispra-1 reactor
 NT2 janus reactor
 NT2 jeep-2 reactor
 NT2 jmtr reactor
 NT2 jrr-2 reactor
 NT2 jrr-3 reactor
 NT2 junio reactor
 NT2 kamini reactor
 NT2 litr reactor
 NT2 loft reactor
 NT2 lprr reactor
 NT2 mir reactor
 NT2 mitr reactor
 NT2 mnsr type reactors
 NT3 entc mnsr reactor
 NT3 gharr-1 reactor
 NT3 mnsr-ciae reactor
 NT3 mnsr-sd reactor
 NT3 mnsr-sh reactor
 NT3 mnsr-sz reactor
 NT3 nirr-1 reactor

NT3 parr-2 reactor
 NT3 srr-1 reactor
 NT2 mrr reactor
 NT2 mtr reactor
 NT2 murr reactor
 NT2 nbsr reactor
 NT2 netr reactor
 NT2 nora reactor
 NT2 nru reactor
 NT2 nrx reactor
 NT2 ntr reactor
 NT2 nuclear furnace reactor
 NT2 orphee reactor
 NT2 orr reactor
 NT2 osiris reactor
 NT2 owr reactor
 NT2 pbf reactor
 NT2 pbr reactor
 NT2 pegase reactor
 NT2 pelinduna reactor
 NT2 pik reactor
 NT2 pluto reactor
 NT2 prcf reactor
 NT2 prr reactor
 NT2 pse reactor
 NT2 pumima-3 reactor
 NT2 r-1 reactor
 NT2 r-2 reactor
 NT2 r-a reactor
 NT2 ra-0 reactor
 NT2 ra-2 reactor
 NT2 ra-3 reactor
 NT2 ra-4 reactor
 NT2 ra-5 reactor
 NT2 rake-2 reactor
 NT2 rb-3 reactor
 NT2 rospo reactor
 NT2 rpt reactor
 NT2 safari-1 reactor
 NT2 sm-2 reactor
 NT2 spert-1 reactor
 NT2 spert-2 reactor
 NT2 spert-3 reactor
 NT2 sr-1 reactor
 NT2 sr-0a reactor
 NT2 taiwan research reactor
 NT2 tca reactor
 NT2 thermos reactor
 NT2 triga-1-michigan reactor
 NT2 tsr-1 reactor
 NT2 wntr reactor
 NT2 wr-1 reactor
 NT2 wtr reactor
 NT2 wwr type reactors
 NT3 budapest training reactor
 NT3 irt-1 libya reactor
 NT3 irt-baghdad reactor
 NT3 lvr-15 reactor
 NT3 wwr-2 reactor
 NT3 wwr-k-almaty reactor
 NT3 wwr-k cf reactor
 NT3 wwr-m-kiev reactor
 NT3 wwr-m-leningrad reactor
 NT3 wwr-s-bucharest reactor
 NT3 wwr-s-budapest reactor
 NT3 wwr-s-cairo reactor
 NT3 wwr-s-moscow reactor
 NT3 wwr-s-prague reactor
 NT3 wwr-s-tashkent reactor
 NT3 wwr-sm rossendorf reactor
 NT3 wwr-z reactor
 NT2 zed-2 reactor
 NT2 zeep reactor
 NT2 zlfr reactor
 NT2 zpr reactor
 NT1 thermal reactors
 NT2 aeg-pr-10 reactor
 NT2 aerojet-general nucleonics reactors
 NT3 agn 201 costanza

NT3 agn-201k reactor
 NT2 afrr reactor
 NT2 agesta reactor
 NT2 ai-l-77 reactor
 NT2 akr-1 reactor
 NT2 alrr reactor
 NT2 anex reactor
 NT2 anna reactor
 NT2 aps reactor
 NT2 apsara reactor
 NT2 aquilon reactor
 NT2 arbi reactor
 NT2 arbus reactor
 NT2 argonaut reactor
 NT2 argos reactor
 NT2 argus reactor
 NT2 armf-1 reactor
 NT2 astra reactor
 NT2 athene reactor
 NT2 atrp reactor
 NT2 atr reactor
 NT2 atrc reactor
 NT2 atrs reactor
 NT2 atucha-1 reactor
 NT2 atucha-2 reactor
 NT2 avogadro rs-1 reactor
 NT2 avr reactor
 NT2 bawtr reactor
 NT2 beloyarsk-1 reactor
 NT2 beloyarsk-2 reactor
 NT2 bepo reactor
 NT2 ber-2 reactor
 NT2 berkeley reactor
 NT2 bgrr reactor
 NT2 bilibin reactor
 NT2 bohunice a-1 reactor
 NT2 bohunice a-2 reactor
 NT2 borax-1 reactor
 NT2 borax-2 reactor
 NT2 borax-3 reactor
 NT2 borax-4 reactor
 NT2 borax-5 reactor
 NT2 br-02 reactor
 NT2 br-1 reactor
 NT2 br-2 reactor
 NT2 bradwell reactor
 NT2 brr reactor
 NT2 bsr-1 reactor
 NT2 bsr-2 reactor
 NT2 budapest training reactor
 NT2 bugy-1 reactor
 NT2 bwr type reactors
 NT3 allens creek-1 reactor
 NT3 allens creek-2 reactor
 NT3 bailly-1 reactor
 NT3 barsebaeck-1 reactor
 NT3 barsebaeck-2 reactor
 NT3 barton-1 reactor
 NT3 barton-2 reactor
 NT3 barton-3 reactor
 NT3 barton-4 reactor
 NT3 bell reactor
 NT3 big rock point reactor
 NT3 black fox-1 reactor
 NT3 black fox-2 reactor
 NT3 bolsa chica-1 reactor
 NT3 bolsa chica-2 reactor
 NT3 bonus reactor
 NT3 browns ferry-1 reactor
 NT3 browns ferry-2 reactor
 NT3 browns ferry-3 reactor
 NT3 brunsbüttel reactor
 NT3 brunswick-1 reactor
 NT3 brunswick-2 reactor
 NT3 chinshan-1 reactor
 NT3 chinshan-2 reactor
 NT3 clinton-1 reactor
 NT3 clinton-2 reactor
 NT3 cofrentes reactor

NT3 cooper reactor
 NT3 dodeward reactor
 NT3 douglas point-1 reactor
 NT3 douglas point-2 reactor
 NT3 dresden-1 reactor
 NT3 dresden-2 reactor
 NT3 dresden-3 reactor
 NT3 duane arnold-1 reactor
 NT3 ebwr reactor
 NT3 enel-4 reactor
 NT3 enrico fermi-2 reactor
 NT3 err reactor
 NT3 fitzpatrick reactor
 NT3 forsmark-1 reactor
 NT3 forsmark-2 reactor
 NT3 forsmark-3 reactor
 NT3 fukushima-1 reactor
 NT3 fukushima-2 reactor
 NT3 fukushima-3 reactor
 NT3 fukushima-4 reactor
 NT3 fukushima-5 reactor
 NT3 fukushima-6 reactor
 NT3 fukushima-ii-1 reactor
 NT3 fukushima-ii-2 reactor
 NT3 fukushima-ii-3 reactor
 NT3 fukushima-ii-4 reactor
 NT3 garigliano reactor
 NT3 garona reactor
 NT3 ge standard reactor
 NT3 graben-1 reactor
 NT3 graben-2 reactor
 NT3 grand gulf-1 reactor
 NT3 grand gulf-2 reactor
 NT3 gundremmingen-2 reactor
 NT3 gundremmingen-3 reactor
 NT3 hamaoka-1 reactor
 NT3 hamaoka-2 reactor
 NT3 hamaoka-3 reactor
 NT3 hamaoka-4 reactor
 NT3 hamaoka-5 reactor
 NT3 hartsville-1 reactor
 NT3 hartsville-2 reactor
 NT3 hartsville-3 reactor
 NT3 hartsville-4 reactor
 NT3 hatch-1 reactor
 NT3 hatch-2 reactor
 NT3 hdr reactor
 NT3 higashidori-1 reactor
 NT3 hope creek-1 reactor
 NT3 hope creek-2 reactor
 NT3 humboldt bay reactor
 NT3 isar reactor
 NT3 jpdr-2 reactor
 NT3 jpdr reactor
 NT3 kaiseraugst reactor
 NT3 kashiwazaki-kariwa-1 reactor
 NT3 kashiwazaki-kariwa-2 reactor
 NT3 kashiwazaki-kariwa-3 reactor
 NT3 kashiwazaki-kariwa-4 reactor
 NT3 kashiwazaki-kariwa-5 reactor
 NT3 kashiwazaki-kariwa-6 reactor
 NT3 kashiwazaki-kariwa-7 reactor
 NT3 kruemmel reactor
 NT3 kuosheng-1 reactor
 NT3 kuosheng-2 reactor
 NT3 la salle county-1 reactor
 NT3 la salle county-2 reactor
 NT3 lacbwr reactor
 NT3 laguna verde-1 reactor
 NT3 laguna verde-2 reactor
 NT3 leibstadt reactor
 NT3 limerick-1 reactor
 NT3 limerick-2 reactor
 NT3 lingen reactor
 NT3 lungmen-1 reactor
 NT3 lungmen-2 reactor
 NT3 mendocino-1 reactor
 NT3 mendocino-2 reactor
 NT3 millstone-1 reactor

NT3 montague-1 reactor
 NT3 montague-2 reactor
 NT3 montalto di castro-1 reactor
 NT3 montalto di castro-2 reactor
 NT3 monticello reactor
 NT3 muehleberg reactor
 NT3 nine mile point-1 reactor
 NT3 nine mile point-2 reactor
 NT3 okg-1 reactor
 NT3 okg-2 reactor
 NT3 okg-3 reactor
 NT3 olkiluoto-1 reactor
 NT3 olkiluoto-2 reactor
 NT3 onagawa-1 reactor
 NT3 onagawa-2 reactor
 NT3 onagawa-3 reactor
 NT3 oyster creek-1 reactor
 NT3 pathfinder reactor
 NT3 peach bottom-2 reactor
 NT3 peach bottom-3 reactor
 NT3 perry-1 reactor
 NT3 perry-2 reactor
 NT3 philippsburg-1 reactor
 NT3 phipps bend-1 reactor
 NT3 phipps bend-2 reactor
 NT3 pilgrim-1 reactor
 NT3 quad cities-1 reactor
 NT3 quad cities-2 reactor
 NT3 ringhals-1 reactor
 NT3 river bend-1 reactor
 NT3 river bend-2 reactor
 NT3 rwe-bayernwerk reactor
 NT3 shika-1 reactor
 NT3 shika-2 reactor
 NT3 shimane-1 reactor
 NT3 shimane-2 reactor
 NT3 shimane-3 reactor
 NT3 shoreham reactor
 NT3 skagit-1 reactor
 NT3 skagit-2 reactor
 NT3 sl-1 reactor
 NT3 susquehanna-1 reactor
 NT3 susquehanna-2 reactor
 NT3 tarapur-1 reactor
 NT3 tarapur-2 reactor
 NT3 tokai-2 reactor
 NT3 tsuruga reactor
 NT3 tullnerfeld reactor
 NT3 vak reactor
 NT3 vbwr reactor
 NT3 vermont yankee reactor
 NT3 verplanck-1 reactor
 NT3 verplanck-2 reactor
 NT3 vk-50 reactor
 NT3 wnp-2 reactor
 NT3 wuergassen reactor
 NT3 zimmer-1 reactor
 NT3 zimmer-2 reactor
 NT2 byu l-77 reactor
 NT2 cabri reactor
 NT2 calder hall a-1 reactor
 NT2 calder hall a-2 reactor
 NT2 calder hall b-3 reactor
 NT2 calder hall b-4 reactor
 NT2 candu type reactors
 NT3 bruce-1 reactor
 NT3 bruce-2 reactor
 NT3 bruce-3 reactor
 NT3 bruce-4 reactor
 NT3 bruce-5 reactor
 NT3 bruce-6 reactor
 NT3 bruce-7 reactor
 NT3 bruce-8 reactor
 NT3 cernavoda-1 reactor
 NT3 cernavoda-2 reactor
 NT3 cordoba reactor
 NT3 darlington-1 reactor
 NT3 darlington-2 reactor
 NT3 darlington-3 reactor

NT3 darlington-4 reactor
 NT3 douglas point ontario reactor
 NT3 embalse reactor
 NT3 gentilly-1 reactor
 NT3 gentilly-2 reactor
 NT3 kaiga-1 reactor
 NT3 kaiga-2 reactor
 NT3 kakrapar-1 reactor
 NT3 kakrapar-2 reactor
 NT3 kanupp reactor
 NT3 npd reactor
 NT3 pickering-1 reactor
 NT3 pickering-2 reactor
 NT3 pickering-3 reactor
 NT3 pickering-4 reactor
 NT3 pickering-5 reactor
 NT3 pickering-6 reactor
 NT3 pickering-7 reactor
 NT3 pickering-8 reactor
 NT3 point lepreau-1 reactor
 NT3 point lepreau-2 reactor
 NT3 qinshan-3-1 reactor
 NT3 qinshan-3-2 reactor
 NT3 rajasthan-1 reactor
 NT3 rajasthan-2 reactor
 NT3 rajasthan-3 reactor
 NT3 rajasthan-4 reactor
 NT3 wolsung-1 reactor
 NT3 wolsung-2 reactor
 NT3 wolsung-3 reactor
 NT3 wolsung-4 reactor
 NT2 carem 25 reactor
 NT2 cesar reactor
 NT2 cesnef reactor
 NT2 chapelcross-1 reactor
 NT2 chapelcross-2 reactor
 NT2 chapelcross-3 reactor
 NT2 chapelcross-4 reactor
 NT2 chernobylsk-1 reactor
 NT2 chernobylsk-2 reactor
 NT2 chernobylsk-3 reactor
 NT2 chernobylsk-4 reactor
 NT2 chinon-a1 reactor
 NT2 chinon-a2 reactor
 NT2 chinon-a3 reactor
 NT2 cirene reactor
 NT2 cirus reactor
 NT2 consort-2 reactor
 NT2 cp-2 reactor
 NT2 cp-3 reactor
 NT2 cp-3m reactor
 NT2 cp-5 reactor
 NT2 cvtr reactor
 NT2 democritus reactor
 NT2 dhruva reactor
 NT2 dido reactor
 NT2 dimple reactor
 NT2 dmtr reactor
 NT2 dow triga-mk-1 reactor
 NT2 dr-1 reactor
 NT2 dr-2 reactor
 NT2 dr-3 reactor
 NT2 dragon reactor
 NT2 dungeness-a reactor
 NT2 dungeness-b reactor
 NT2 ebor reactor
 NT2 egcr reactor
 NT2 el-1 reactor
 NT2 el-2 reactor
 NT2 el-4 reactor
 NT2 eocr reactor
 NT2 es-salam reactor
 NT2 esada-vesr reactor
 NT2 essor reactor
 NT2 etr reactor
 NT2 etrc reactor
 NT2 etrr-2 reactor
 NT2 ewg-1 reactor
 NT2 fir-1 reactor

NT2	fnr reactor	NT2	lucens reactor	NT3	biblis-1 reactor
NT2	fr-2 reactor	NT2	lvr-15 reactor	NT3	biblis-2 reactor
NT2	frg-1 reactor	NT2	lwbr type reactors	NT3	biblis-3 reactor
NT2	frm-ii reactor	NT2	maria reactor	NT3	biblis-4 reactor
NT2	fulton-1 reactor	NT2	marius reactor	NT3	blayais-1 reactor
NT2	fulton-2 reactor	NT2	melusine-1 reactor	NT3	blayais-2 reactor
NT2	g-1 reactor	NT2	merlin reactor	NT3	blayais-3 reactor
NT2	g-2 reactor	NT2	minerve reactor	NT3	blayais-4 reactor
NT2	g-3 reactor	NT2	mir reactor	NT3	blue hills-1 reactor
NT2	ga siwabessy reactor	NT2	mitr reactor	NT3	blue hills-2 reactor
NT2	ga standard reactor	NT2	mnsr type reactors	NT3	borssele reactor
NT2	getr reactor	NT3	entc mnsr reactor	NT3	br-3 reactor
NT2	gidra reactor	NT3	gharr-1 reactor	NT3	braidwood-1 reactor
NT2	gleep reactor	NT3	mnsr-ciae reactor	NT3	braidwood-2 reactor
NT2	hartlepool reactor	NT3	mnsr-sd reactor	NT3	brokdorf reactor
NT2	hbwr reactor	NT3	mnsr-sh reactor	NT3	bugey-2 reactor
NT2	hector reactor	NT3	mnsr-sz reactor	NT3	bugey-3 reactor
NT2	herald reactor	NT3	nirr-1 reactor	NT3	bugey-4 reactor
NT2	hew-305 reactor	NT3	parr-2 reactor	NT3	bugey-5 reactor
NT2	heysham-a reactor	NT3	srr-1 reactor	NT3	bw standard reactor
NT2	heysham-b reactor	NT2	mrr reactor	NT3	byron-1 reactor
NT2	hfbr reactor	NT2	msre reactor	NT3	byron-2 reactor
NT2	hfetr reactor	NT2	mtr reactor	NT3	calhoun-1 reactor
NT2	hfir reactor	NT2	mzfr reactor	NT3	calhoun-2 reactor
NT2	hfr reactor	NT2	nbsr reactor	NT3	callaway-1 reactor
NT2	hifar reactor	NT2	ncscr-1 reactor	NT3	callaway-2 reactor
NT2	hinkley point-a reactor	NT2	nestor reactor	NT3	calvert cliffs-1 reactor
NT2	hinkley point-b reactor	NT2	netr reactor	NT3	calvert cliffs-2 reactor
NT2	hitrex-1 reactor	NT2	nevada university reactor	NT3	carem 25 reactor
NT2	hnpf reactor	NT2	nhr-5 reactor	NT3	catawba-1 reactor
NT2	hor reactor	NT2	niederaichbach reactor	NT3	catawba-2 reactor
NT2	htr reactor	NT2	nora reactor	NT3	cattenom-1 reactor
NT2	hunterston-a reactor	NT2	nrx reactor	NT3	cattenom-2 reactor
NT2	hunterston-b reactor	NT2	ntr reactor	NT3	cattenom-3 reactor
NT2	hwctr reactor	NT2	nur reactor	NT3	cattenom-4 reactor
NT2	hwzpr reactor	NT2	oldbury-a reactor	NT3	ce standard reactor
NT2	ian-r1 reactor	NT2	oldbury-b reactor	NT3	changjiang-1 reactor
NT2	iear-1 reactor	NT2	opal reactor	NT3	changjiang-2 reactor
NT2	ignalina-1 reactor	NT2	osiris reactor	NT3	chasnupp-1 reactor
NT2	ignalina-2 reactor	NT2	owr reactor	NT3	chasnupp-2 reactor
NT2	igr reactor	NT2	pctr reactor	NT3	chasnupp-3 reactor
NT2	irl reactor	NT2	peach bottom-1 reactor	NT3	cherokee-1 reactor
NT2	irr-1 reactor	NT2	pegase reactor	NT3	cherokee-2 reactor
NT2	irt-1 libya reactor	NT2	pelinduna reactor	NT3	cherokee-3 reactor
NT2	irt-2000 djakarta reactor	NT2	perryman-1 reactor	NT3	chinon-b1 reactor
NT2	irt-2000 moscow reactor	NT2	perryman-2 reactor	NT3	chinon-b2 reactor
NT2	irt-baghdad reactor	NT2	phebus reactor	NT3	chinon-b3 reactor
NT2	irt-c reactor	NT2	pik physical model reactor	NT3	chinon-b4 reactor
NT2	irt-f reactor	NT2	pik reactor	NT3	chooz-a reactor
NT2	irt reactor	NT2	pluto reactor	NT3	chooz-b1 reactor
NT2	irt-sofia reactor	NT2	pnpf reactor	NT3	chooz-b2 reactor
NT2	isis reactor	NT2	prr reactor	NT3	civaux-1 reactor
NT2	itu-trr reactor	NT2	psbr reactor	NT3	civaux-2 reactor
NT2	ivv-2m reactor	NT2	pse reactor	NT3	comanche peak-1 reactor
NT2	janus reactor	NT2	pur-1 reactor	NT3	comanche peak-2 reactor
NT2	jatr reactor	NT2	purnima-3 reactor	NT3	connecticut yankee reactor
NT2	jen-1 reactor	NT2	pwr type reactors	NT3	cook-1 reactor
NT2	jen reactor	NT3	aguirre reactor	NT3	cook-2 reactor
NT2	jules horowitz reactor	NT3	almaraz-1 reactor	NT3	cruas-1 reactor
NT2	juno reactor	NT3	almaraz-2 reactor	NT3	cruas-2 reactor
NT2	kaiga-3 reactor	NT3	angra-1 reactor	NT3	cruas-3 reactor
NT2	kaiga-4 reactor	NT3	angra-2 reactor	NT3	cruas-4 reactor
NT2	kamini reactor	NT3	angra-3 reactor	NT3	crystal river-3 reactor
NT2	knk reactor	NT3	arkansas-1 reactor	NT3	crystal river-4 reactor
NT2	kuhfr reactor	NT3	arkansas-2 reactor	NT3	dampierre-1 reactor
NT2	kursk-1 reactor	NT3	asco-1 reactor	NT3	dampierre-2 reactor
NT2	kursk-2 reactor	NT3	asco-2 reactor	NT3	dampierre-3 reactor
NT2	kursk-3 reactor	NT3	atlantic-1 reactor	NT3	dampierre-4 reactor
NT2	kursk-4 reactor	NT3	atlantic-2 reactor	NT3	davis besse-1 reactor
NT2	latina reactor	NT3	basf-1 reactor	NT3	davis besse-2 reactor
NT2	leningrad-1 reactor	NT3	basf-2 reactor	NT3	davis besse-3 reactor
NT2	leningrad-2 reactor	NT3	beaver valley-1 reactor	NT3	daya bay-1 reactor
NT2	leningrad-3 reactor	NT3	beaver valley-2 reactor	NT3	daya bay-2 reactor
NT2	leningrad-4 reactor	NT3	bellefonte-1 reactor	NT3	diablo canyon-1 reactor
NT2	lfr reactor	NT3	bellefonte-2 reactor	NT3	diablo canyon-2 reactor
NT2	lido reactor	NT3	belleville-1 reactor	NT3	doel-1 reactor
NT2	litr reactor	NT3	belleville-2 reactor	NT3	doel-2 reactor
NT2	lpr reactor	NT3	beznau-1 reactor	NT3	doel-3 reactor
NT2	lptr reactor	NT3	beznau-2 reactor	NT3	doel-4 reactor

NT3 efd-50 reactor
 NT3 emsland reactor
 NT3 erie-1 reactor
 NT3 erie-2 reactor
 NT3 fangchenggang-1 reactor
 NT3 fangchenggang-2 reactor
 NT3 fangjiashan-1 reactor
 NT3 fangjiashan-2 reactor
 NT3 farley-1 reactor
 NT3 farley-2 reactor
 NT3 fessenheim-1 reactor
 NT3 fessenheim-2 reactor
 NT3 flamanville-1 reactor
 NT3 flamanville-2 reactor
 NT3 flamanville-3 reactor
 NT3 forked river-1 reactor
 NT3 fuqing-1 reactor
 NT3 fuqing-2 reactor
 NT3 fuqing-3 reactor
 NT3 fuqing-4 reactor
 NT3 fuqing-5 reactor
 NT3 fuqing-6 reactor
 NT3 genkai-1 reactor
 NT3 genkai-2 reactor
 NT3 genkai-3 reactor
 NT3 genkai-4 reactor
 NT3 ginna-1 reactor
 NT3 goesgen reactor
 NT3 golfech-1 reactor
 NT3 golfech-2 reactor
 NT3 grafenrheinfeld reactor
 NT3 gravelines-1 reactor
 NT3 gravelines-2 reactor
 NT3 gravelines-3 reactor
 NT3 gravelines-4 reactor
 NT3 gravelines-5 reactor
 NT3 gravelines-6 reactor
 NT3 greene county reactor
 NT3 greenwood-2 reactor
 NT3 greenwood-3 reactor
 NT3 grohnde reactor
 NT3 hamm-uentrop reactor
 NT3 hanbit-1 reactor
 NT3 hanbit-2 reactor
 NT3 hanbit-3 reactor
 NT3 hanbit-4 reactor
 NT3 hanbit-5 reactor
 NT3 hanbit-6 reactor
 NT3 harris-1 reactor
 NT3 harris-2 reactor
 NT3 harris-3 reactor
 NT3 harris-4 reactor
 NT3 haven-1 reactor
 NT4 koshkonong-1 reactor
 NT3 haven-2 reactor
 NT4 koshkonong-2 reactor
 NT3 hongyanhe-1 reactor
 NT3 hongyanhe-2 reactor
 NT3 hongyanhe-3 reactor
 NT3 hongyanhe-4 reactor
 NT3 ikata-2 reactor
 NT3 ikata-3 reactor
 NT3 ikata reactor
 NT3 indian point-1 reactor
 NT3 indian point-2 reactor
 NT3 indian point-3 reactor
 NT3 iran-1 reactor
 NT3 iran-2 reactor
 NT3 isar-2 reactor
 NT3 jamesport-1 reactor
 NT3 jamesport-2 reactor
 NT3 kewaunee reactor
 NT3 klt-40 reactors
 NT3 klt-40m reactors
 NT3 klt-40s reactor
 NT3 koeberg-1 reactor
 NT3 koeberg-2 reactor
 NT3 kori-1 reactor
 NT3 kori-2 reactor

NT3 kori-3 reactor
 NT3 kori-4 reactor
 NT3 krsko reactor
 NT3 lemoniz-1 reactor
 NT3 lemoniz-2 reactor
 NT3 lenin reactor
 NT3 leonid brezhnev reactor
 NT3 lingao-1 reactor
 NT3 lingao-2 reactor
 NT3 lingao-3 reactor
 NT3 lingao-4 reactor
 NT3 loft reactor
 NT3 lucie-1 reactor
 NT3 lucie-2 reactor
 NT3 maanshan-1 reactor
 NT3 maanshan-2 reactor
 NT3 maine yankee reactor
 NT3 malibu-1 reactor
 NT3 marble hill-1 reactor
 NT3 marble hill-2 reactor
 NT3 mc guire-1 reactor
 NT3 mc guire-2 reactor
 NT3 mh-1a reactor
 NT3 midland-1 reactor
 NT3 midland-2 reactor
 NT3 mihama-1 reactor
 NT3 mihama-2 reactor
 NT3 mihama-3 reactor
 NT3 millstone-2 reactor
 NT3 millstone-3 reactor
 NT3 muelheim-kaerlich reactor
 NT3 mutsu reactor
 NT3 neckar-1 reactor
 NT3 neckar-2 reactor
 NT3 nep-1 reactor
 NT3 nep-2 reactor
 NT3 neupotz-1 reactor
 NT3 neupotz-2 reactor
 NT3 ningde-1 reactor
 NT3 ningde-2 reactor
 NT3 ningde-3 reactor
 NT3 ningde-4 reactor
 NT3 nogent-1 reactor
 NT3 nogent-2 reactor
 NT3 north anna-1 reactor
 NT3 north anna-2 reactor
 NT3 north anna-3 reactor
 NT3 north anna-4 reactor
 NT3 north coast-1 reactor
 NT3 obrigheim reactor
 NT3 oconee-1 reactor
 NT3 oconee-2 reactor
 NT3 oconee-3 reactor
 NT3 oi-1 reactor
 NT3 oi-2 reactor
 NT3 oi-3 reactor
 NT3 oi-4 reactor
 NT3 ok-900a reactors
 NT3 oktemberyan-2 reactor
 NT3 olkiluoto-3 reactor
 NT3 otto hahn reactor
 NT3 palisades-1 reactor
 NT3 palo verde-1 reactor
 NT3 palo verde-2 reactor
 NT3 palo verde-3 reactor
 NT3 palo verde-4 reactor
 NT3 palo verde-5 reactor
 NT3 paluel-1 reactor
 NT3 paluel-2 reactor
 NT3 paluel-3 reactor
 NT3 paluel-4 reactor
 NT3 pat reactor
 NT3 pebble springs-1 reactor
 NT3 pebble springs-2 reactor
 NT3 penly-1 reactor
 NT3 penly-2 reactor
 NT3 penly-3 reactor
 NT3 perkins-1 reactor
 NT3 perkins-2 reactor

NT3 perkins-3 reactor
 NT3 philippsburg-2 reactor
 NT3 pilgrim-2 reactor
 NT3 pilgrim-3 reactor
 NT3 pm-2a reactor
 NT3 pm-3a reactor
 NT3 pnpp-1 reactor
 NT3 point beach-1 reactor
 NT3 point beach-2 reactor
 NT3 prairie island-1 reactor
 NT3 prairie island-2 reactor
 NT3 qinshan-1 reactor
 NT3 qinshan-2-1 reactor
 NT3 qinshan-2-2 reactor
 NT3 qinshan-2-3 reactor
 NT3 qinshan-2-4 reactor
 NT3 quanticassee-1 reactor
 NT3 quanticassee-2 reactor
 NT3 rancho seco-1 reactor
 NT3 remerschen reactor
 NT3 rheinsberg akw1 reactor
 NT3 ringhals-2 reactor
 NT3 ringhals-3 reactor
 NT3 ringhals-4 reactor
 NT3 robinson-2 reactor
 NT3 rooppur reactor
 NT3 rowe yankee reactor
 NT3 s1c prototype reactor
 NT3 saint alban-1 reactor
 NT3 saint alban-2 reactor
 NT3 saint laurent-b1 reactor
 NT3 saint laurent-b2 reactor
 NT3 salem-1 reactor
 NT3 salem-2 reactor
 NT3 san onofre-1 reactor
 NT3 san onofre-2 reactor
 NT3 san onofre-3 reactor
 NT3 savannah reactor
 NT3 saxton reactor
 NT3 seabrook-1 reactor
 NT3 seabrook-2 reactor
 NT3 selni reactor
 NT3 sendai-1 reactor
 NT3 sendai-2 reactor
 NT3 sequoyah-1 reactor
 NT3 sequoyah-2 reactor
 NT3 shin-kori-1 reactor
 NT3 shin-kori-2 reactor
 NT3 shin-kori-3 reactor
 NT3 shin-wolsong-1 reactor
 NT3 shippingport reactor
 NT3 sizewell-b reactor
 NT3 sm-1 reactor
 NT3 sm-1a reactor
 NT3 south texas project-1 reactor
 NT3 south texas project-2 reactor
 NT3 stade reactor
 NT3 sterling-1 reactor
 NT3 sterling-2 reactor
 NT3 summer-1 reactor
 NT3 sundesert-1 reactor
 NT3 sundesert-2 reactor
 NT3 surry-1 reactor
 NT3 surry-2 reactor
 NT3 surry-3 reactor
 NT3 surry-4 reactor
 NT3 takahama-1 reactor
 NT3 takahama-2 reactor
 NT3 takahama-3 reactor
 NT3 takahama-4 reactor
 NT3 three mile island-1 reactor
 NT3 three mile island-2 reactor
 NT3 tihange-2 reactor
 NT3 tihange-3 reactor
 NT3 tihange reactor
 NT3 tomari-1 reactor
 NT3 tomari-2 reactor
 NT3 tomari-3 reactor
 NT3 tricastin-1 reactor

NT3	tricastin-2 reactor	NT4	kudankulam-2 reactor	NT2	spr-2 reactor
NT3	tricastin-3 reactor	NT4	loviisa-1 reactor	NT2	sr-1 reactor
NT3	tricastin-4 reactor	NT4	loviisa-2 reactor	NT2	sr-305 reactor
NT3	trillo-1 reactor	NT4	mochovce-1 reactor	NT2	sr-3p reactor
NT3	trojan reactor	NT4	mochovce-2 reactor	NT2	sre reactor
NT3	tsuruga-2 reactor	NT4	novovoronezh-1 reactor	NT2	src-utr-100 reactor
NT3	turkey point-3 reactor	NT4	novovoronezh-2 reactor	NT2	stark reactor
NT3	turkey point-4 reactor	NT4	novovoronezh-3 reactor	NT2	stek reactor
NT3	tva-1 reactor	NT4	novovoronezh-4 reactor	NT2	stir reactor
NT3	tva-2 reactor	NT4	novovoronezh-5 reactor	NT2	supo reactor
NT3	tyrone-1 reactor	NT4	paks-1 reactor	NT2	sur-100 series reactor
NT3	tyrone-2 reactor	NT4	paks-2 reactor	NT2	taiwan research reactor
NT3	ulchin-1 reactor	NT4	paks-3 reactor	NT2	tarapur-3 reactor
NT3	ulchin-2 reactor	NT4	paks-4 reactor	NT2	tarapur-4 reactor
NT3	ulchin-3 reactor	NT4	rostov-1 reactor	NT2	thermos reactor
NT3	ulchin-4 reactor	NT4	rostov-2 reactor	NT2	thetis reactor
NT3	ulchin-5 reactor	NT4	rostov-3 reactor	NT2	thtr-300 reactor
NT3	ulchin-6 reactor	NT4	rovno-1 reactor	NT2	tokai-mura reactor
NT3	unterweser reactor	NT4	rovno-2 reactor	NT2	torness reactor
NT3	vahnum-1 reactor	NT4	rovno-3 reactor	NT2	toshiba reactor
NT3	vahnum-2 reactor	NT4	rovno-4 reactor	NT2	tr-1 reactor
NT3	vandellos-2 reactor	NT4	rovno-5 reactor	NT2	tr-2 reactor
NT3	vogle-1 reactor	NT4	south ukrainian-1 reactor	NT2	trawsfynydd reactor
NT3	vogle-2 reactor	NT4	south ukrainian-2 reactor	NT2	treat reactor
NT3	vogle-3 reactor	NT4	south ukrainian-3 reactor	NT2	trico ii reactor
NT3	vogle-4 reactor	NT4	stendal-1 reactor	NT2	trico reactor
NT3	waterford-3 reactor	NT4	tatarian reactor	NT2	triga-1-california reactor
NT3	waterford-4 reactor	NT4	temelin-1 reactor	NT2	triga-1-hanover reactor
NT3	watts bar-1 reactor	NT4	temelin-2 reactor	NT2	triga-1-heidelberg reactor
NT3	watts bar-2 reactor	NT4	tianwan-1 reactor	NT2	triga-1-michigan reactor
NT3	westinghouse standard reactor	NT4	tianwan-2 reactor	NT2	triga-2-bandung reactor
NT3	wnp-1 reactor	NT4	zaporozhe-1 reactor	NT2	triga-2-bangladesh reactor
NT3	wnp-3 reactor	NT4	zaporozhe-2 reactor	NT2	triga-2-dalat reactor
NT3	wnp-4 reactor	NT4	zaporozhe-3 reactor	NT2	triga-2-illinois reactor
NT3	wnp-5 reactor	NT4	zaporozhe-4 reactor	NT2	triga-2-kansas reactor
NT3	wolf creek-1 reactor	NT4	zaporozhe-5 reactor	NT2	triga-2-ljubljana reactor
NT3	wup-3 reactor	NT4	zaporozhe-6 reactor	NT2	triga-2-mainz reactor
NT3	wup-4 reactor	NT3	wyhl-1 reactor	NT2	triga-2-musashi reactor
NT3	wup-5 reactor	NT3	wyhl-2 reactor	NT2	triga-2-pavia reactor
NT3	wup-6 reactor	NT3	yangjiang-1 reactor	NT2	triga-2-pitesti reactor
NT3	wwer type reactors	NT3	yangjiang-2 reactor	NT2	triga-2-pitesti-ss-core reactor
NT4	armenian-1 reactor	NT3	yangjiang-3 reactor	NT2	triga-2 reactor
NT4	armenian-2 reactor	NT3	yangjiang-4 reactor	NT2	triga-2-rikkyo reactor
NT4	balakovo-1 reactor	NT3	yellow creek-1 reactor	NT2	triga-2-rome reactor
NT4	balakovo-2 reactor	NT3	yellow creek-2 reactor	NT2	triga-2-seoul reactor
NT4	balakovo-3 reactor	NT3	zion-1 reactor	NT2	triga-2-vienna reactor
NT4	balakovo-4 reactor	NT3	zion-2 reactor	NT2	triga-3-munich reactor
NT4	blahutovice-1 reactor	NT3	zorita-1 reactor	NT2	triga-3-salazar reactor
NT4	bohunice v-1 reactor	NT2	r-1 reactor	NT2	triga-3-seoul reactor
NT4	bohunice v-2 reactor	NT2	r-a reactor	NT2	triga-brazil reactor
NT4	dukovany-1 reactor	NT2	ra-10 reactor	NT2	triga-texas reactor
NT4	dukovany-2 reactor	NT2	ra-5 reactor	NT2	triga-veterans reactor
NT4	dukovany-3 reactor	NT2	ra-6 reactor	NT2	triton reactor
NT4	dukovany-4 reactor	NT2	ra-8 reactor	NT2	trr-1 reactor
NT4	greifswald-1 reactor	NT2	rajasthan-5 reactor	NT2	tz1 reactor
NT4	greifswald-2 reactor	NT2	rajasthan-6 reactor	NT2	tz2 reactor
NT4	greifswald-3 reactor	NT2	rb-1 reactor	NT2	ucbrr reactor
NT4	greifswald-4 reactor	NT2	rb-2 reactor	NT2	ufr reactor
NT4	greifswald-5 reactor	NT2	rg-1m reactor	NT2	uhtrex reactor
NT4	greifswald-6 reactor	NT2	ritmo reactor	NT2	uknr reactor
NT4	juragua-1 reactor	NT2	rts-1 reactor	NT2	ulyse reactor
NT4	kalinin-1 reactor	NT2	safari-1 reactor	NT2	umne-1 reactor
NT4	kalinin-2 reactor	NT2	saint laurent-a1 reactor	NT2	umrr reactor
NT4	kalinin-3 reactor	NT2	saint laurent-a2 reactor	NT2	urr reactor
NT4	kalinin-4 reactor	NT2	saphir reactor	NT2	utr-10-kinki reactor
NT4	kecerovce-1 reactor	NT2	scarabee reactor	NT2	utr reactor
NT4	khmelnitskij-1 reactor	NT2	sghwr reactor	NT2	uvar reactor
NT4	khmelnitskij-2 reactor	NT2	shca reactor	NT2	uwnr reactor
NT4	kola-1 reactor	NT2	siloe reactor	NT2	uwtr reactor
NT4	kola-2 reactor	NT2	silhouette reactor	NT2	vandellos reactor
NT4	kola-3 reactor	NT2	sizewell-a reactor	NT2	venus reactor
NT4	kola-4 reactor	NT2	sm-2 reactor	NT2	vg-400 reactor
NT4	kozloduy-1 reactor	NT2	smolensk-1 reactor	NT2	vgr-50 reactor
NT4	kozloduy-2 reactor	NT2	smolensk-2 reactor	NT2	vhtr reactor
NT4	kozloduy-3 reactor	NT2	smolensk-3 reactor	NT2	vidal-1 reactor
NT4	kozloduy-4 reactor	NT2	spert-1 reactor	NT2	vidal-2 reactor
NT4	kozloduy-5 reactor	NT2	spert-2 reactor	NT2	voronezh ast-500 reactor
NT4	kozloduy-6 reactor	NT2	spert-3 reactor	NT2	vpi-utr-10 reactor
NT4	kudankulam-1 reactor	NT2	spert-4 reactor	NT2	vr-1 reactor

NT2	wagr reactor	NT3	vpi-utr-10 reactor	NT3	hartsville-1 reactor
NT2	windscale production reactors	NT2	astr reactor	NT3	hartsville-2 reactor
NT2	wpir reactor	NT2	atr reactor	NT3	hartsville-3 reactor
NT2	wr-1 reactor	NT2	atsr reactor	NT3	hartsville-4 reactor
NT2	wrrr reactor	NT2	borax-1 reactor	NT3	hatch-1 reactor
NT2	wsur reactor	NT2	borax-2 reactor	NT3	hatch-2 reactor
NT2	wtr reactor	NT2	borax-3 reactor	NT3	hdr reactor
NT2	wwr-2 reactor	NT2	borax-4 reactor	NT3	higashidori-1 reactor
NT2	wwr-k-almaty reactor	NT2	borax-5 reactor	NT3	hope creek-1 reactor
NT2	wwr-m-kiev reactor	NT2	br-02 reactor	NT3	hope creek-2 reactor
NT2	wwr-m-leningrad reactor	NT2	br-2 reactor	NT3	humboldt bay reactor
NT2	wwr-s-bucharest reactor	NT2	bwr type reactors	NT3	isar reactor
NT2	wwr-s-budapest reactor	NT3	allens creek-1 reactor	NT3	jpd-2 reactor
NT2	wwr-s-cairo reactor	NT3	allens creek-2 reactor	NT3	jpd reactor
NT2	wwr-s-moscow reactor	NT3	bailly-1 reactor	NT3	kaiseraugst reactor
NT2	wwr-s-prague reactor	NT3	barsebaeck-1 reactor	NT3	kashiwazaki-kariwa-1 reactor
NT2	wwr-s-tashkent reactor	NT3	barsebaeck-2 reactor	NT3	kashiwazaki-kariwa-2 reactor
NT2	wwr-sm rossendorf reactor	NT3	barton-1 reactor	NT3	kashiwazaki-kariwa-3 reactor
NT2	wwr-z reactor	NT3	barton-2 reactor	NT3	kashiwazaki-kariwa-4 reactor
NT2	wylfa reactor	NT3	barton-3 reactor	NT3	kashiwazaki-kariwa-5 reactor
NT2	x-10 reactor	NT3	barton-4 reactor	NT3	kashiwazaki-kariwa-6 reactor
NT2	zed-2 reactor	NT3	bell reactor	NT3	kashiwazaki-kariwa-7 reactor
NT2	zenith reactor	NT3	big rock point reactor	NT3	kuemmel reactor
NT2	zerlina reactor	NT3	black fox-1 reactor	NT3	kuosheng-1 reactor
NT2	zlfr reactor	NT3	black fox-2 reactor	NT3	kuosheng-2 reactor
NT2	zpr reactor	NT3	bolsa chica-1 reactor	NT3	la salle county-1 reactor
NT1	thorium reactors	NT3	bolsa chica-2 reactor	NT3	la salle county-2 reactor
NT2	avr reactor	NT3	bonus reactor	NT3	lacbwr reactor
NT2	borax-4 reactor	NT3	browns ferry-1 reactor	NT3	laguna verde-1 reactor
NT2	dragon reactor	NT3	browns ferry-2 reactor	NT3	laguna verde-2 reactor
NT2	err reactor	NT3	browns ferry-3 reactor	NT3	leibstadt reactor
NT2	sre reactor	NT3	brunsbuettel reactor	NT3	limerick-1 reactor
NT2	thtr-300 reactor	NT3	brunswick-1 reactor	NT3	limerick-2 reactor
NT1	transportable reactors	NT3	brunswick-2 reactor	NT3	lingen reactor
NT2	package reactors	NT3	chinshan-1 reactor	NT3	lungmen-1 reactor
NT2	tibr reactor	NT3	chinshan-2 reactor	NT3	lungmen-2 reactor
NT1	water cooled reactors	NT3	clinton-1 reactor	NT3	mendocino-1 reactor
NT2	aarr reactor	NT3	clinton-2 reactor	NT3	mendocino-2 reactor
NT2	acpr reactor	NT3	cofrentes reactor	NT3	millstone-1 reactor
NT2	anna reactor	NT3	cooper reactor	NT3	montague-1 reactor
NT2	aqueous homogeneous reactors	NT3	dodewaard reactor	NT3	montague-2 reactor
NT3	ai-l-77 reactor	NT3	douglas point-1 reactor	NT3	montalto di castro-1 reactor
NT3	argus reactor	NT3	douglas point-2 reactor	NT3	montalto di castro-2 reactor
NT3	ber-2 reactor	NT3	dresden-1 reactor	NT3	monticello reactor
NT3	byu l-77 reactor	NT3	dresden-2 reactor	NT3	muehleberg reactor
NT3	cesnef reactor	NT3	dresden-3 reactor	NT3	nine mile point-1 reactor
NT3	dr-1 reactor	NT3	duane arnold-1 reactor	NT3	nine mile point-2 reactor
NT3	frf reactor	NT3	ebwr reactor	NT3	okg-1 reactor
NT3	gidra reactor	NT3	enel-4 reactor	NT3	okg-2 reactor
NT3	hre-2 reactor	NT3	enrico fermi-2 reactor	NT3	okg-3 reactor
NT3	jir-1 reactor	NT3	err reactor	NT3	olkiluoto-1 reactor
NT3	kewb reactor	NT3	fitzpatrick reactor	NT3	olkiluoto-2 reactor
NT3	kstr reactor	NT3	forsmark-1 reactor	NT3	onagawa-1 reactor
NT3	ncscr-1 reactor	NT3	forsmark-2 reactor	NT3	onagawa-2 reactor
NT3	nevada university reactor	NT3	forsmark-3 reactor	NT3	onagawa-3 reactor
NT3	prnc-l-77 reactor	NT3	fukushima-1 reactor	NT3	oyster creek-1 reactor
NT3	supo reactor	NT3	fukushima-2 reactor	NT3	pathfinder reactor
NT3	wrrr reactor	NT3	fukushima-3 reactor	NT3	peach bottom-2 reactor
NT2	argonaut type reactors	NT3	fukushima-4 reactor	NT3	peach bottom-3 reactor
NT3	aeg-pr-10 reactor	NT3	fukushima-5 reactor	NT3	perry-1 reactor
NT3	arbi reactor	NT3	fukushima-6 reactor	NT3	perry-2 reactor
NT3	argonaut reactor	NT3	fukushima-ii-1 reactor	NT3	philippsburg-1 reactor
NT3	argos reactor	NT3	fukushima-ii-2 reactor	NT3	phipps bend-1 reactor
NT3	athene reactor	NT3	fukushima-ii-3 reactor	NT3	phipps bend-2 reactor
NT3	jason reactor	NT3	fukushima-ii-4 reactor	NT3	pilgrim-1 reactor
NT3	lfr reactor	NT3	garigliano reactor	NT3	quad cities-1 reactor
NT3	moata reactor	NT3	garona reactor	NT3	quad cities-2 reactor
NT3	nestor reactor	NT3	ge standard reactor	NT3	ringhals-1 reactor
NT3	queen mary college utr-b reactor	NT3	graben-1 reactor	NT3	river bend-1 reactor
NT3	ra-1 reactor	NT3	graben-2 reactor	NT3	river bend-2 reactor
NT3	rb-2 reactor	NT3	grand gulf-1 reactor	NT3	rwe-bayernwerk reactor
NT3	rien-1 reactor	NT3	grand gulf-2 reactor	NT3	shika-1 reactor
NT3	src-utr-100 reactor	NT3	gundremmingen-2 reactor	NT3	shika-2 reactor
NT3	stark reactor	NT3	gundremmingen-3 reactor	NT3	shimane-1 reactor
NT3	strasbourg-cronenbourg reactor	NT3	hamaoka-1 reactor	NT3	shimane-2 reactor
NT3	ufr reactor	NT3	hamaoka-2 reactor	NT3	shimane-3 reactor
NT3	ulyse reactor	NT3	hamaoka-3 reactor	NT3	shoreham reactor
NT3	urr reactor	NT3	hamaoka-4 reactor	NT3	skagit-1 reactor
NT3	utr-10-kinki reactor	NT3	hamaoka-5 reactor	NT3	skagit-2 reactor

NT3	sl-1 reactor	NT3	srr-1 reactor	NT3	kur reactor
NT3	susquehanna-1 reactor	NT2	mrr reactor	NT3	la reina rech-1 reactor
NT3	susquehanna-2 reactor	NT2	mtr reactor	NT3	lido reactor
NT3	tarapur-1 reactor	NT2	murr reactor	NT3	lo aguirre rech-2 reactor
NT3	tarapur-2 reactor	NT2	netr reactor	NT3	lpr reactor
NT3	tokai-2 reactor	NT2	nhr-5 reactor	NT3	lptr reactor
NT3	tsuruga reactor	NT2	nsrr reactor	NT3	lr-0 reactor
NT3	tullnerfeld reactor	NT2	ntr reactor	NT3	ltir reactor
NT3	vak reactor	NT2	orphee reactor	NT3	maria reactor
NT3	vbwr reactor	NT2	orr reactor	NT3	maryla reactor
NT3	vermont yankee reactor	NT2	osiris reactor	NT3	melusine-1 reactor
NT3	verplanck-1 reactor	NT2	owr reactor	NT3	merlin reactor
NT3	verplanck-2 reactor	NT2	pbr reactor	NT3	minerve reactor
NT3	vk-50 reactor	NT2	pegase reactor	NT3	mnr reactor
NT3	wnp-2 reactor	NT2	peggy reactor	NT3	nscr reactor
NT3	wuergassen reactor	NT2	perryman-1 reactor	NT3	nur reactor
NT3	zimmer-1 reactor	NT2	perryman-2 reactor	NT3	opal reactor
NT3	zimmer-2 reactor	NT2	pool type reactors	NT3	osur reactor
NT2	cirus reactor	NT3	agata reactor	NT3	parr-1 reactor
NT2	entc lwsr reactor	NT3	apsara reactor	NT3	phebus reactor
NT2	esada-vesr reactor	NT3	armf-1 reactor	NT3	pik physical model reactor
NT2	etr reactor	NT3	astra reactor	NT3	prpr reactor
NT2	evsr reactor	NT3	atrc reactor	NT3	prr-1 reactor
NT2	ewa reactor	NT3	avogadro rs-1 reactor	NT3	psbr reactor
NT2	ewg-1 reactor	NT3	bam reactor	NT3	ptr reactor
NT2	getr reactor	NT3	bawtr reactor	NT3	pulstar-buffalo reactor
NT2	hclwr type reactors	NT3	ber-2 reactor	NT3	pulstar-raleigh reactor
NT2	hfetr reactor	NT3	brr reactor	NT3	pur-1 reactor
NT2	hfir reactor	NT3	bsr-1 reactor	NT3	r2-0 reactor
NT2	hfr reactor	NT3	bsr-2 reactor	NT3	ra-10 reactor
NT2	hwlwr type reactors	NT3	cabri reactor	NT3	ra-6 reactor
NT3	cirene reactor	NT3	carr reactor	NT3	ra-8 reactor
NT3	gentilly-1 reactor	NT3	cmrr reactor	NT3	rana reactor
NT3	jatr reactor	NT3	consort-2 reactor	NT3	rinsc reactor
NT2	igr reactor	NT3	cp-6 reactor	NT3	ritmo reactor
NT2	iowa utr-10 reactor	NT3	crocus reactor	NT3	rmb reactor
NT2	janus reactor	NT3	democritus reactor	NT3	rp-10 reactor
NT2	jmtr reactor	NT3	dr-2 reactor	NT3	rts-1 reactor
NT2	kamini reactor	NT3	etrc reactor	NT3	rv-1 reactor
NT2	kuhfr reactor	NT3	etr-2 reactor	NT3	saphir reactor
NT2	litr reactor	NT3	fmr reactor	NT3	scarabee reactor
NT2	lwbr type reactors	NT3	fmr reactor	NT3	siloe reactor
NT2	lwgr type reactors	NT3	frg-1 reactor	NT3	silhouette reactor
NT3	aps reactor	NT3	frg-2 reactor	NT3	slowpoke type reactors
NT3	beloyarsk-1 reactor	NT3	frj-1 reactor	NT4	slowpoke-alberta reactor
NT3	beloyarsk-2 reactor	NT3	frm-ii reactor	NT4	slowpoke-dalhousie reactor
NT3	bilibin reactor	NT3	frm reactor	NT4	slowpoke-mona reactor
NT3	chernobylsk-1 reactor	NT3	frm reactor	NT4	slowpoke-montreal reactor
NT3	chernobylsk-2 reactor	NT3	ga siwabessy reactor	NT4	slowpoke-ottawa reactor
NT3	chernobylsk-3 reactor	NT3	gtr reactor	NT4	slowpoke rmc reactor
NT3	chernobylsk-4 reactor	NT3	gulf triga-mk-3 reactor	NT4	slowpoke src reactor
NT3	ignalina-1 reactor	NT3	hanaro reactor	NT4	slowpoke-toronto reactor
NT3	ignalina-2 reactor	NT3	herald reactor	NT4	slowpoke-wnre reactor
NT3	kursk-1 reactor	NT3	hor reactor	NT3	spert-4 reactor
NT3	kursk-2 reactor	NT3	horace reactor	NT3	spr iae reactor
NT3	kursk-3 reactor	NT3	htr reactor	NT3	sprr-300 reactor
NT3	kursk-4 reactor	NT3	ian-r1 reactor	NT3	stek reactor
NT3	leningrad-1 reactor	NT3	iear-1 reactor	NT3	stir reactor
NT3	leningrad-2 reactor	NT3	ihni-1 reactor	NT3	swierk r-2 reactor
NT3	leningrad-3 reactor	NT3	ir-100 reactor	NT3	thetis reactor
NT3	leningrad-4 reactor	NT3	irl reactor	NT3	thor reactor
NT3	n-reactor	NT3	irr-1 reactor	NT3	toshiba reactor
NT3	rpt reactor	NT3	irt-2000 djakarta reactor	NT3	tr-1 reactor
NT3	smolensk-1 reactor	NT3	irt-2000 moscow reactor	NT3	tr-2 reactor
NT3	smolensk-2 reactor	NT3	irt-c reactor	NT3	triton reactor
NT3	smolensk-3 reactor	NT3	irt-dprk reactor	NT3	trr-1 reactor
NT3	uwtr reactor	NT3	irt-f reactor	NT3	tz1 reactor
NT2	maple reactor	NT3	irt reactor	NT3	tz2 reactor
NT2	maple type reactors	NT3	irt-sofia reactor	NT3	uknr reactor
NT2	mir reactor	NT3	isis reactor	NT3	umne-1 reactor
NT2	mnsr type reactors	NT3	ivv-2m reactor	NT3	umrr reactor
NT3	entc mnsr reactor	NT3	ivv-7 reactor	NT3	utr reactor
NT3	gharr-1 reactor	NT3	jen-1 reactor	NT3	uvar reactor
NT3	mnsr-ciae reactor	NT3	jen-2 reactor	NT3	uwnr reactor
NT3	mnsr-sd reactor	NT3	jen reactor	NT3	vr-1 reactor
NT3	mnsr-sh reactor	NT3	jrr-3m reactor	NT3	wpir reactor
NT3	mnsr-sz reactor	NT3	jrr-4 reactor	NT3	wsur reactor
NT3	nirr-1 reactor	NT3	jrr reactor	NT3	xapr reactor
NT3	parr-2 reactor	NT3	jules horowitz reactor	NT2	purnima-3 reactor

NT2	pwr type reactors	NT3	cook-1 reactor	NT3	hongyanhe-1 reactor
NT3	aguirre reactor	NT3	cook-2 reactor	NT3	hongyanhe-2 reactor
NT3	almaraz-1 reactor	NT3	cruas-1 reactor	NT3	hongyanhe-3 reactor
NT3	almaraz-2 reactor	NT3	cruas-2 reactor	NT3	hongyanhe-4 reactor
NT3	angra-1 reactor	NT3	cruas-3 reactor	NT3	ikata-2 reactor
NT3	angra-2 reactor	NT3	cruas-4 reactor	NT3	ikata-3 reactor
NT3	angra-3 reactor	NT3	crystal river-3 reactor	NT3	ikata reactor
NT3	arkansas-1 reactor	NT3	crystal river-4 reactor	NT3	indian point-1 reactor
NT3	arkansas-2 reactor	NT3	dampierre-1 reactor	NT3	indian point-2 reactor
NT3	asco-1 reactor	NT3	dampierre-2 reactor	NT3	indian point-3 reactor
NT3	asco-2 reactor	NT3	dampierre-3 reactor	NT3	iran-1 reactor
NT3	atlantic-1 reactor	NT3	dampierre-4 reactor	NT3	iran-2 reactor
NT3	atlantic-2 reactor	NT3	davis besse-1 reactor	NT3	isar-2 reactor
NT3	basf-1 reactor	NT3	davis besse-2 reactor	NT3	jamesport-1 reactor
NT3	basf-2 reactor	NT3	davis besse-3 reactor	NT3	jamesport-2 reactor
NT3	beaver valley-1 reactor	NT3	daya bay-1 reactor	NT3	kewaunee reactor
NT3	beaver valley-2 reactor	NT3	daya bay-2 reactor	NT3	klt-40 reactors
NT3	bellefonte-1 reactor	NT3	diablo canyon-1 reactor	NT3	klt-40m reactors
NT3	bellefonte-2 reactor	NT3	diablo canyon-2 reactor	NT3	klt-40s reactor
NT3	belleville-1 reactor	NT3	doel-1 reactor	NT3	koeberg-1 reactor
NT3	belleville-2 reactor	NT3	doel-2 reactor	NT3	koeberg-2 reactor
NT3	beznau-1 reactor	NT3	doel-3 reactor	NT3	kori-1 reactor
NT3	beznau-2 reactor	NT3	doel-4 reactor	NT3	kori-2 reactor
NT3	biblis-1 reactor	NT3	efdr-50 reactor	NT3	kori-3 reactor
NT3	biblis-2 reactor	NT3	emsland reactor	NT3	kori-4 reactor
NT3	biblis-3 reactor	NT3	erie-1 reactor	NT3	krsko reactor
NT3	biblis-4 reactor	NT3	erie-2 reactor	NT3	lemoniz-1 reactor
NT3	blayais-1 reactor	NT3	fangchenggang-1 reactor	NT3	lemoniz-2 reactor
NT3	blayais-2 reactor	NT3	fangchenggang-2 reactor	NT3	lenin reactor
NT3	blayais-3 reactor	NT3	fangjiashan-1 reactor	NT3	leonid brezhnev reactor
NT3	blayais-4 reactor	NT3	fangjiashan-2 reactor	NT3	lingao-1 reactor
NT3	blue hills-1 reactor	NT3	farley-1 reactor	NT3	lingao-2 reactor
NT3	blue hills-2 reactor	NT3	farley-2 reactor	NT3	lingao-3 reactor
NT3	borssele reactor	NT3	fessenheim-1 reactor	NT3	lingao-4 reactor
NT3	br-3 reactor	NT3	fessenheim-2 reactor	NT3	loft reactor
NT3	braidwood-1 reactor	NT3	flamanville-1 reactor	NT3	lucie-1 reactor
NT3	braidwood-2 reactor	NT3	flamanville-2 reactor	NT3	lucie-2 reactor
NT3	brokdorf reactor	NT3	flamanville-3 reactor	NT3	maanshan-1 reactor
NT3	bugey-2 reactor	NT3	forked river-1 reactor	NT3	maanshan-2 reactor
NT3	bugey-3 reactor	NT3	fuqing-1 reactor	NT3	maine yankee reactor
NT3	bugey-4 reactor	NT3	fuqing-2 reactor	NT3	malibu-1 reactor
NT3	bugey-5 reactor	NT3	fuqing-3 reactor	NT3	marble hill-1 reactor
NT3	bw standard reactor	NT3	fuqing-4 reactor	NT3	marble hill-2 reactor
NT3	byron-1 reactor	NT3	fuqing-5 reactor	NT3	mc guire-1 reactor
NT3	byron-2 reactor	NT3	fuqing-6 reactor	NT3	mc guire-2 reactor
NT3	calhoun-1 reactor	NT3	genkai-1 reactor	NT3	mh-1a reactor
NT3	calhoun-2 reactor	NT3	genkai-2 reactor	NT3	midland-1 reactor
NT3	callaway-1 reactor	NT3	genkai-3 reactor	NT3	midland-2 reactor
NT3	callaway-2 reactor	NT3	genkai-4 reactor	NT3	mihama-1 reactor
NT3	calvert cliffs-1 reactor	NT3	ginna-1 reactor	NT3	mihama-2 reactor
NT3	calvert cliffs-2 reactor	NT3	goesgen reactor	NT3	mihama-3 reactor
NT3	carem 25 reactor	NT3	golfech-1 reactor	NT3	millstone-2 reactor
NT3	catawba-1 reactor	NT3	golfech-2 reactor	NT3	millstone-3 reactor
NT3	catawba-2 reactor	NT3	grafenrheinfeld reactor	NT3	muelheim-kaerlich reactor
NT3	cattenom-1 reactor	NT3	gravelines-1 reactor	NT3	mutsu reactor
NT3	cattenom-2 reactor	NT3	gravelines-2 reactor	NT3	neckar-1 reactor
NT3	cattenom-3 reactor	NT3	gravelines-3 reactor	NT3	neckar-2 reactor
NT3	cattenom-4 reactor	NT3	gravelines-4 reactor	NT3	nep-1 reactor
NT3	ce standard reactor	NT3	gravelines-5 reactor	NT3	nep-2 reactor
NT3	changjiang-1 reactor	NT3	gravelines-6 reactor	NT3	neupotz-1 reactor
NT3	changjiang-2 reactor	NT3	greene county reactor	NT3	neupotz-2 reactor
NT3	chasnupp-1 reactor	NT3	greenwood-2 reactor	NT3	ningde-1 reactor
NT3	chasnupp-2 reactor	NT3	greenwood-3 reactor	NT3	ningde-2 reactor
NT3	chasnupp-3 reactor	NT3	grohnde reactor	NT3	ningde-3 reactor
NT3	cherokee-1 reactor	NT3	hamm-uentrop reactor	NT3	ningde-4 reactor
NT3	cherokee-2 reactor	NT3	hanbit-1 reactor	NT3	nogent-1 reactor
NT3	cherokee-3 reactor	NT3	hanbit-2 reactor	NT3	nogent-2 reactor
NT3	chinon-b1 reactor	NT3	hanbit-3 reactor	NT3	north anna-1 reactor
NT3	chinon-b2 reactor	NT3	hanbit-4 reactor	NT3	north anna-2 reactor
NT3	chinon-b3 reactor	NT3	hanbit-5 reactor	NT3	north anna-3 reactor
NT3	chinon-b4 reactor	NT3	hanbit-6 reactor	NT3	north anna-4 reactor
NT3	chooz-a reactor	NT3	harris-1 reactor	NT3	north coast-1 reactor
NT3	chooz-b1 reactor	NT3	harris-2 reactor	NT3	obrigheim reactor
NT3	chooz-b2 reactor	NT3	harris-3 reactor	NT3	oconee-1 reactor
NT3	civaux-1 reactor	NT3	harris-4 reactor	NT3	oconee-2 reactor
NT3	civaux-2 reactor	NT3	haven-1 reactor	NT3	oconee-3 reactor
NT3	comanche peak-1 reactor	NT4	koshkonong-1 reactor	NT3	oi-1 reactor
NT3	comanche peak-2 reactor	NT3	haven-2 reactor	NT3	oi-2 reactor
NT3	connecticut yankee reactor	NT4	koshkonong-2 reactor	NT3	oi-3 reactor

NT3	oi-4 reactor	NT3	stade reactor	NT4	greifswald-3 reactor
NT3	ok-900a reactors	NT3	sterling-1 reactor	NT4	greifswald-4 reactor
NT3	oktemberyan-2 reactor	NT3	sterling-2 reactor	NT4	greifswald-5 reactor
NT3	olkiluoto-3 reactor	NT3	summer-1 reactor	NT4	greifswald-6 reactor
NT3	otto hahn reactor	NT3	sundesert-1 reactor	NT4	juragua-1 reactor
NT3	palisades-1 reactor	NT3	sundesert-2 reactor	NT4	kalinin-1 reactor
NT3	palo verde-1 reactor	NT3	surry-1 reactor	NT4	kalinin-2 reactor
NT3	palo verde-2 reactor	NT3	surry-2 reactor	NT4	kalinin-3 reactor
NT3	palo verde-3 reactor	NT3	surry-3 reactor	NT4	kalinin-4 reactor
NT3	palo verde-4 reactor	NT3	surry-4 reactor	NT4	kecerovce-1 reactor
NT3	palo verde-5 reactor	NT3	takahama-1 reactor	NT4	khmelnitskij-1 reactor
NT3	paluel-1 reactor	NT3	takahama-2 reactor	NT4	khmelnitskij-2 reactor
NT3	paluel-2 reactor	NT3	takahama-3 reactor	NT4	kola-1 reactor
NT3	paluel-3 reactor	NT3	takahama-4 reactor	NT4	kola-2 reactor
NT3	paluel-4 reactor	NT3	three mile island-1 reactor	NT4	kola-3 reactor
NT3	pat reactor	NT3	three mile island-2 reactor	NT4	kola-4 reactor
NT3	pebble springs-1 reactor	NT3	tihange-2 reactor	NT4	kozloduy-1 reactor
NT3	pebble springs-2 reactor	NT3	tihange-3 reactor	NT4	kozloduy-2 reactor
NT3	penly-1 reactor	NT3	tihange reactor	NT4	kozloduy-3 reactor
NT3	penly-2 reactor	NT3	tomari-1 reactor	NT4	kozloduy-4 reactor
NT3	penly-3 reactor	NT3	tomari-2 reactor	NT4	kozloduy-5 reactor
NT3	perkins-1 reactor	NT3	tomari-3 reactor	NT4	kozloduy-6 reactor
NT3	perkins-2 reactor	NT3	tricastin-1 reactor	NT4	kudankulam-1 reactor
NT3	perkins-3 reactor	NT3	tricastin-2 reactor	NT4	kudankulam-2 reactor
NT3	philippsburg-2 reactor	NT3	tricastin-3 reactor	NT4	loviisa-1 reactor
NT3	pilgrim-2 reactor	NT3	tricastin-4 reactor	NT4	loviisa-2 reactor
NT3	pilgrim-3 reactor	NT3	trillo-1 reactor	NT4	mochovce-1 reactor
NT3	pm-2a reactor	NT3	trojan reactor	NT4	mochovce-2 reactor
NT3	pm-3a reactor	NT3	tsuruga-2 reactor	NT4	novovoronezh-1 reactor
NT3	pnpp-1 reactor	NT3	turkey point-3 reactor	NT4	novovoronezh-2 reactor
NT3	point beach-1 reactor	NT3	turkey point-4 reactor	NT4	novovoronezh-3 reactor
NT3	point beach-2 reactor	NT3	tva-1 reactor	NT4	novovoronezh-4 reactor
NT3	prairie island-1 reactor	NT3	tva-2 reactor	NT4	novovoronezh-5 reactor
NT3	prairie island-2 reactor	NT3	tyrone-1 reactor	NT4	paks-1 reactor
NT3	qinshan-1 reactor	NT3	tyrone-2 reactor	NT4	paks-2 reactor
NT3	qinshan-2-1 reactor	NT3	ulchin-1 reactor	NT4	paks-3 reactor
NT3	qinshan-2-2 reactor	NT3	ulchin-2 reactor	NT4	paks-4 reactor
NT3	qinshan-2-3 reactor	NT3	ulchin-3 reactor	NT4	rostov-1 reactor
NT3	qinshan-2-4 reactor	NT3	ulchin-4 reactor	NT4	rostov-2 reactor
NT3	quanicassee-1 reactor	NT3	ulchin-5 reactor	NT4	rostov-3 reactor
NT3	quanicassee-2 reactor	NT3	ulchin-6 reactor	NT4	rovno-1 reactor
NT3	rancho seco-1 reactor	NT3	unterweser reactor	NT4	rovno-2 reactor
NT3	remerschen reactor	NT3	vahnum-1 reactor	NT4	rovno-3 reactor
NT3	rheinsberg akw1 reactor	NT3	vahnum-2 reactor	NT4	rovno-4 reactor
NT3	ringhals-2 reactor	NT3	vandellos-2 reactor	NT4	rovno-5 reactor
NT3	ringhals-3 reactor	NT3	vogtle-1 reactor	NT4	south ukrainian-1 reactor
NT3	ringhals-4 reactor	NT3	vogtle-2 reactor	NT4	south ukrainian-2 reactor
NT3	robinson-2 reactor	NT3	vogtle-3 reactor	NT4	south ukrainian-3 reactor
NT3	rooppur reactor	NT3	vogtle-4 reactor	NT4	stendal-1 reactor
NT3	rowe yankee reactor	NT3	waterford-3 reactor	NT4	tatarian reactor
NT3	s1c prototype reactor	NT3	waterford-4 reactor	NT4	temelin-1 reactor
NT3	saint alban-1 reactor	NT3	watts bar-1 reactor	NT4	temelin-2 reactor
NT3	saint alban-2 reactor	NT3	watts bar-2 reactor	NT4	tianwan-1 reactor
NT3	saint laurent-b1 reactor	NT3	westinghouse standard reactor	NT4	tianwan-2 reactor
NT3	saint laurent-b2 reactor	NT3	wnp-1 reactor	NT4	zaporozhe-1 reactor
NT3	saalem-1 reactor	NT3	wnp-3 reactor	NT4	zaporozhe-2 reactor
NT3	saalem-2 reactor	NT3	wnp-4 reactor	NT4	zaporozhe-3 reactor
NT3	san onofre-1 reactor	NT3	wnp-5 reactor	NT4	zaporozhe-4 reactor
NT3	san onofre-2 reactor	NT3	wolf creek-1 reactor	NT4	zaporozhe-5 reactor
NT3	san onofre-3 reactor	NT3	wup-3 reactor	NT4	zaporozhe-6 reactor
NT3	savannah reactor	NT3	wup-4 reactor	NT3	wyhl-1 reactor
NT3	saxton reactor	NT3	wup-5 reactor	NT3	wyhl-2 reactor
NT3	seabrook-1 reactor	NT3	wup-6 reactor	NT3	yangjiang-1 reactor
NT3	seabrook-2 reactor	NT3	wwer type reactors	NT3	yangjiang-2 reactor
NT3	selni reactor	NT4	armenian-1 reactor	NT3	yangjiang-3 reactor
NT3	sendai-1 reactor	NT4	armenian-2 reactor	NT3	yangjiang-4 reactor
NT3	sendai-2 reactor	NT4	balakovo-1 reactor	NT3	yellow creek-1 reactor
NT3	sequoyah-1 reactor	NT4	balakovo-2 reactor	NT3	yellow creek-2 reactor
NT3	sequoyah-2 reactor	NT4	balakovo-3 reactor	NT3	zion-1 reactor
NT3	shin-kori-1 reactor	NT4	balakovo-4 reactor	NT3	zion-2 reactor
NT3	shin-kori-2 reactor	NT4	blahutovice-1 reactor	NT3	zorita-1 reactor
NT3	shin-kori-3 reactor	NT4	bohunice v-1 reactor	NT2	r-2 reactor
NT3	shin-wolsong-1 reactor	NT4	bohunice v-2 reactor	NT2	ra-5 reactor
NT3	shippingport reactor	NT4	dukovany-1 reactor	NT2	rg-1m reactor
NT3	sizewell-b reactor	NT4	dukovany-2 reactor	NT2	safari-1 reactor
NT3	sm-1 reactor	NT4	dukovany-3 reactor	NT2	sghwr reactor
NT3	sm-1a reactor	NT4	dukovany-4 reactor	NT2	sm-2 reactor
NT3	south texas project-1 reactor	NT4	greifswald-1 reactor	NT2	spert-2 reactor
NT3	south texas project-2 reactor	NT4	greifswald-2 reactor	NT2	spert-3 reactor

NT2 sr-1 reactor
 NT2 sr-3p reactor
 NT2 sr-oa reactor
 NT2 tca reactor
 NT2 triga type reactors
 NT3 afri reactor
 NT3 atpr reactor
 NT3 colorado triga-mk-3 reactor
 NT3 cornell triga-mk-2 reactor
 NT3 dow triga-mk-1 reactor
 NT3 fir-1 reactor
 NT3 frf-2 reactor
 NT3 fm reactor
 NT3 gulf triga-mk-3 reactor
 NT3 itu-tr reactor
 NT3 kartini-ppny reactor
 NT3 lopra reactor
 NT3 ma-r1 reactor
 NT3 nscr reactor
 NT3 ostr reactor
 NT3 prpr reactor
 NT3 psbr reactor
 NT3 rtp reactor
 NT3 trico ii reactor
 NT3 trico reactor
 NT3 triga-1-arizona reactor
 NT3 triga-1-california reactor
 NT3 triga-1-hanford reactor
 NT3 triga-1-hanover reactor
 NT3 triga-1-heidelberg reactor
 NT3 triga-1-michigan reactor
 NT3 triga-2-bandung reactor
 NT3 triga-2-bangladesh reactor
 NT3 triga-2-dalat reactor
 NT3 triga-2-illinois reactor
 NT3 triga-2-kansas reactor
 NT3 triga-2-ljubljana reactor
 NT3 triga-2-mainz reactor
 NT3 triga-2-musashi reactor
 NT3 triga-2-pavia reactor
 NT3 triga-2-pitesti reactor
 NT3 triga-2-pitesti-ss-core reactor
 NT3 triga-2 reactor
 NT3 triga-2-rikkyo reactor
 NT3 triga-2-rome reactor
 NT3 triga-2-seoul reactor
 NT3 triga-2-vienna reactor
 NT3 triga-3-la jolla reactor
 NT3 triga-3-munich reactor
 NT3 triga-3-salazar reactor
 NT3 triga-3-seoul reactor
 NT3 triga-brazil reactor
 NT3 triga-texas reactor
 NT3 triga-veterans reactor
 NT3 ucbr reactor
 NT3 uwnr reactor
 NT3 wsur reactor
 NT2 tsr-2 reactor
 NT2 voronezh ast-500 reactor
 NT2 wntr reactor
 NT2 wtr reactor
 NT2 wwr type reactors
 NT3 budapest training reactor
 NT3 irt-1 libya reactor
 NT3 irt-baghdad reactor
 NT3 lvr-15 reactor
 NT3 wwr-2 reactor
 NT3 wwr-k-almaty reactor
 NT3 wwr-k cf reactor
 NT3 wwr-m-kirov reactor
 NT3 wwr-m-leningrad reactor
 NT3 wwr-s-bucharest reactor
 NT3 wwr-s-budapest reactor
 NT3 wwr-s-cairo reactor
 NT3 wwr-s-moscow reactor
 NT3 wwr-s-prague reactor
 NT3 wwr-s-tashkent reactor
 NT3 wwr-sm rossendorf reactor
 NT3 wwr-z reactor

NT2 zlfr reactor
 NT2 zr-6 reactor
 NT1 water moderated reactors
 NT2 aarr reactor
 NT2 acpr reactor
 NT2 anna reactor
 NT2 aqueous homogeneous reactors
 NT3 ai-l-77 reactor
 NT3 argus reactor
 NT3 ber-2 reactor
 NT3 byu l-77 reactor
 NT3 cesnef reactor
 NT3 dr-1 reactor
 NT3 frf reactor
 NT3 gidra reactor
 NT3 hre-2 reactor
 NT3 jrr-1 reactor
 NT3 kewb reactor
 NT3 kstr reactor
 NT3 nscr-1 reactor
 NT3 nevada university reactor
 NT3 prnc-l-77 reactor
 NT3 supo reactor
 NT3 wrrr reactor
 NT2 argonaut type reactors
 NT3 aeg-pr-10 reactor
 NT3 arbi reactor
 NT3 argonaut reactor
 NT3 argos reactor
 NT3 athene reactor
 NT3 jason reactor
 NT3 lfr reactor
 NT3 moata reactor
 NT3 nestor reactor
 NT3 queen mary college utr-b reactor
 NT3 ra-1 reactor
 NT3 rb-2 reactor
 NT3 rien-1 reactor
 NT3 srsc-utr-100 reactor
 NT3 stark reactor
 NT3 strasbourg-cronenbourg reactor
 NT3 ufr reactor
 NT3 ulyse reactor
 NT3 urr reactor
 NT3 utr-10-kinki reactor
 NT3 vpi-utr-10 reactor
 NT2 astr reactor
 NT2 atr reactor
 NT2 atsr reactor
 NT2 borax-1 reactor
 NT2 borax-2 reactor
 NT2 borax-3 reactor
 NT2 borax-4 reactor
 NT2 borax-5 reactor
 NT2 br-02 reactor
 NT2 br-2 reactor
 NT2 bwr type reactors
 NT3 allens creek-1 reactor
 NT3 allens creek-2 reactor
 NT3 bailly-1 reactor
 NT3 barsebaeck-1 reactor
 NT3 barsebaeck-2 reactor
 NT3 barton-1 reactor
 NT3 barton-2 reactor
 NT3 barton-3 reactor
 NT3 barton-4 reactor
 NT3 bell reactor
 NT3 big rock point reactor
 NT3 black fox-1 reactor
 NT3 black fox-2 reactor
 NT3 bolsa chica-1 reactor
 NT3 bolsa chica-2 reactor
 NT3 bonus reactor
 NT3 browns ferry-1 reactor
 NT3 browns ferry-2 reactor
 NT3 browns ferry-3 reactor
 NT3 brunsbuettel reactor
 NT3 brunswick-1 reactor
 NT3 brunswick-2 reactor

NT3 chinshan-1 reactor
 NT3 chinshan-2 reactor
 NT3 clinton-1 reactor
 NT3 clinton-2 reactor
 NT3 cofrentes reactor
 NT3 cooper reactor
 NT3 dodewaard reactor
 NT3 douglas point-1 reactor
 NT3 douglas point-2 reactor
 NT3 dresden-1 reactor
 NT3 dresden-2 reactor
 NT3 dresden-3 reactor
 NT3 duane arnold-1 reactor
 NT3 ebwr reactor
 NT3 enel-4 reactor
 NT3 enrico fermi-2 reactor
 NT3 err reactor
 NT3 fitzpatrick reactor
 NT3 forsmark-1 reactor
 NT3 forsmark-2 reactor
 NT3 forsmark-3 reactor
 NT3 fukushima-1 reactor
 NT3 fukushima-2 reactor
 NT3 fukushima-3 reactor
 NT3 fukushima-4 reactor
 NT3 fukushima-5 reactor
 NT3 fukushima-6 reactor
 NT3 fukushima-ii-1 reactor
 NT3 fukushima-ii-2 reactor
 NT3 fukushima-ii-3 reactor
 NT3 fukushima-ii-4 reactor
 NT3 garigliano reactor
 NT3 garona reactor
 NT3 ge standard reactor
 NT3 graben-1 reactor
 NT3 graben-2 reactor
 NT3 grand gulf-1 reactor
 NT3 grand gulf-2 reactor
 NT3 gundremmingen-2 reactor
 NT3 gundremmingen-3 reactor
 NT3 hamaoka-1 reactor
 NT3 hamaoka-2 reactor
 NT3 hamaoka-3 reactor
 NT3 hamaoka-4 reactor
 NT3 hamaoka-5 reactor
 NT3 hartsville-1 reactor
 NT3 hartsville-2 reactor
 NT3 hartsville-3 reactor
 NT3 hartsville-4 reactor
 NT3 hatch-1 reactor
 NT3 hatch-2 reactor
 NT3 hdr reactor
 NT3 higashidori-1 reactor
 NT3 hope creek-1 reactor
 NT3 hope creek-2 reactor
 NT3 humboldt bay reactor
 NT3 isar reactor
 NT3 jpdr-2 reactor
 NT3 jpdr reactor
 NT3 kaiseraugst reactor
 NT3 kashiwazaki-kariwa-1 reactor
 NT3 kashiwazaki-kariwa-2 reactor
 NT3 kashiwazaki-kariwa-3 reactor
 NT3 kashiwazaki-kariwa-4 reactor
 NT3 kashiwazaki-kariwa-5 reactor
 NT3 kashiwazaki-kariwa-6 reactor
 NT3 kashiwazaki-kariwa-7 reactor
 NT3 kruemmel reactor
 NT3 kuosheng-1 reactor
 NT3 kuosheng-2 reactor
 NT3 la salle county-1 reactor
 NT3 la salle county-2 reactor
 NT3 lacbwr reactor
 NT3 laguna verde-1 reactor
 NT3 laguna verde-2 reactor
 NT3 leibstadt reactor
 NT3 limerick-1 reactor
 NT3 limerick-2 reactor
 NT3 lingen reactor

NT3	lungmen-1 reactor	NT2	juno reactor	NT3	ir-100 reactor
NT3	lungmen-2 reactor	NT2	kamini reactor	NT3	irl reactor
NT3	mendocino-1 reactor	NT2	kuca reactor	NT3	irr-1 reactor
NT3	mendocino-2 reactor	NT2	kuhfr reactor	NT3	irt-2000 djakarta reactor
NT3	millstone-1 reactor	NT2	litr reactor	NT3	irt-2000 moscow reactor
NT3	montague-1 reactor	NT2	lwbr type reactors	NT3	irt-c reactor
NT3	montague-2 reactor	NT2	lwor type reactors	NT3	irt-dprk reactor
NT3	montalto di castro-1 reactor	NT2	maple reactor	NT3	irt-f reactor
NT3	montalto di castro-2 reactor	NT2	maple type reactors	NT3	irt reactor
NT3	monticello reactor	NT2	mir reactor	NT3	irt-sofia reactor
NT3	muehleberg reactor	NT2	ml-1 reactor	NT3	isis reactor
NT3	nine mile point-1 reactor	NT2	mnsr type reactors	NT3	ivv-2m reactor
NT3	nine mile point-2 reactor	NT3	entc mnsr reactor	NT3	ivv-7 reactor
NT3	okg-1 reactor	NT3	gharr-1 reactor	NT3	jen-1 reactor
NT3	okg-2 reactor	NT3	mnsr-clae reactor	NT3	jen-2 reactor
NT3	okg-3 reactor	NT3	mnsr-sd reactor	NT3	jen reactor
NT3	olkiluoto-1 reactor	NT3	mnsr-sh reactor	NT3	jrr-3m reactor
NT3	olkiluoto-2 reactor	NT3	mnsr-sz reactor	NT3	jrr-4 reactor
NT3	onagawa-1 reactor	NT3	nirr-1 reactor	NT3	jitr reactor
NT3	onagawa-2 reactor	NT3	parr-2 reactor	NT3	jules horowitz reactor
NT3	onagawa-3 reactor	NT3	srr-1 reactor	NT3	kur reactor
NT3	oyster creek-1 reactor	NT2	mrr reactor	NT3	la reina rech-1 reactor
NT3	pathfinder reactor	NT2	mtr reactor	NT3	lido reactor
NT3	peach bottom-2 reactor	NT2	murr reactor	NT3	lo aguirre rech-2 reactor
NT3	peach bottom-3 reactor	NT2	netr reactor	NT3	lpr reactor
NT3	perry-1 reactor	NT2	nhr-5 reactor	NT3	lptr reactor
NT3	perry-2 reactor	NT2	nsrr reactor	NT3	lr-0 reactor
NT3	philippsburg-1 reactor	NT2	ntr reactor	NT3	ltir reactor
NT3	phipps bend-1 reactor	NT2	nuclear furnace reactor	NT3	maria reactor
NT3	phipps bend-2 reactor	NT2	orr reactor	NT3	maryla reactor
NT3	pilgrim-1 reactor	NT2	osiris reactor	NT3	melusine-1 reactor
NT3	quad cities-1 reactor	NT2	owr reactor	NT3	merlin reactor
NT3	quad cities-2 reactor	NT2	pbr reactor	NT3	minerve reactor
NT3	ringhals-1 reactor	NT2	pegase reactor	NT3	mnr reactor
NT3	river bend-1 reactor	NT2	peggy reactor	NT3	nscr reactor
NT3	river bend-2 reactor	NT2	perryman-1 reactor	NT3	nur reactor
NT3	rwe-bayernwerk reactor	NT2	perryman-2 reactor	NT3	opal reactor
NT3	shika-1 reactor	NT2	pool type reactors	NT3	osur reactor
NT3	shika-2 reactor	NT3	agata reactor	NT3	parr-1 reactor
NT3	shimane-1 reactor	NT3	apsara reactor	NT3	phebus reactor
NT3	shimane-2 reactor	NT3	armf-1 reactor	NT3	pik physical model reactor
NT3	shimane-3 reactor	NT3	astra reactor	NT3	prpr reactor
NT3	shoreham reactor	NT3	atrc reactor	NT3	prr-1 reactor
NT3	skagit-1 reactor	NT3	avogadro rs-1 reactor	NT3	psbr reactor
NT3	skagit-2 reactor	NT3	bam reactor	NT3	ptr reactor
NT3	sl-1 reactor	NT3	bawtr reactor	NT3	pulstar-buffalo reactor
NT3	susquehanna-1 reactor	NT3	ber-2 reactor	NT3	pulstar-raleigh reactor
NT3	susquehanna-2 reactor	NT3	brr reactor	NT3	pur-1 reactor
NT3	tarapur-1 reactor	NT3	bsr-1 reactor	NT3	r2-0 reactor
NT3	tarapur-2 reactor	NT3	bsr-2 reactor	NT3	ra-10 reactor
NT3	tokai-2 reactor	NT3	cabri reactor	NT3	ra-6 reactor
NT3	tsuruga reactor	NT3	carr reactor	NT3	ra-8 reactor
NT3	tullnerfeld reactor	NT3	cmrr reactor	NT3	rana reactor
NT3	vak reactor	NT3	consort-2 reactor	NT3	rinsc reactor
NT3	vbwr reactor	NT3	cp-6 reactor	NT3	ritmo reactor
NT3	vermont yankee reactor	NT3	crocus reactor	NT3	rmb reactor
NT3	verplanck-1 reactor	NT3	democritus reactor	NT3	rp-10 reactor
NT3	verplanck-2 reactor	NT3	dr-2 reactor	NT3	rts-1 reactor
NT3	vk-50 reactor	NT3	etrc reactor	NT3	rv-1 reactor
NT3	wnp-2 reactor	NT3	etr-2 reactor	NT3	saphir reactor
NT3	wuergassen reactor	NT3	fmr reactor	NT3	scarabee reactor
NT3	zimmer-1 reactor	NT3	fnr reactor	NT3	siloe reactor
NT3	zimmer-2 reactor	NT3	frg-1 reactor	NT3	siloette reactor
NT2	delphi reactor	NT3	frg-2 reactor	NT3	slowpoke type reactors
NT2	entc lwsr reactor	NT3	frj-1 reactor	NT4	slowpoke-alberta reactor
NT2	esada-vesr reactor	NT3	frm-ii reactor	NT4	slowpoke-dalhousie reactor
NT2	etr reactor	NT3	frm reactor	NT4	slowpoke-mona reactor
NT2	evsr reactor	NT3	frn reactor	NT4	slowpoke-montreal reactor
NT2	ewa reactor	NT3	ga siwabessy reactor	NT4	slowpoke-ottawa reactor
NT2	ewg-1 reactor	NT3	gtr reactor	NT4	slowpoke rmc reactor
NT2	gcre reactor	NT3	gulf triga-mk-3 reactor	NT4	slowpoke src reactor
NT2	getr reactor	NT3	hanaro reactor	NT4	slowpoke-toronto reactor
NT2	hclwr type reactors	NT3	herald reactor	NT4	slowpoke-wnre reactor
NT2	hfetr reactor	NT3	hor reactor	NT3	spert-4 reactor
NT2	hfir reactor	NT3	horace reactor	NT3	spr iae reactor
NT2	hfr reactor	NT3	htr reactor	NT3	spr-300 reactor
NT2	igr reactor	NT3	ian-r1 reactor	NT3	stek reactor
NT2	janus reactor	NT3	iear-1 reactor	NT3	stir reactor
NT2	jmtr reactor	NT3	ihni-1 reactor	NT3	swierk r-2 reactor

NT3	thetis reactor	NT3	changjiang-1 reactor	NT3	gravelines-6 reactor
NT3	thor reactor	NT3	changjiang-2 reactor	NT3	greene county reactor
NT3	toshiba reactor	NT3	chasnupp-1 reactor	NT3	greenwood-2 reactor
NT3	tr-1 reactor	NT3	chasnupp-2 reactor	NT3	greenwood-3 reactor
NT3	tr-2 reactor	NT3	chasnupp-3 reactor	NT3	grohnde reactor
NT3	triton reactor	NT3	cherokee-1 reactor	NT3	hamm-uentrop reactor
NT3	trr-1 reactor	NT3	cherokee-2 reactor	NT3	hanbit-1 reactor
NT3	tz1 reactor	NT3	cherokee-3 reactor	NT3	hanbit-2 reactor
NT3	tz2 reactor	NT3	chinon-b1 reactor	NT3	hanbit-3 reactor
NT3	uknr reactor	NT3	chinon-b2 reactor	NT3	hanbit-4 reactor
NT3	umne-1 reactor	NT3	chinon-b3 reactor	NT3	hanbit-5 reactor
NT3	umnr reactor	NT3	chinon-b4 reactor	NT3	hanbit-6 reactor
NT3	utrr reactor	NT3	chooz-a reactor	NT3	harris-1 reactor
NT3	uvar reactor	NT3	chooz-b1 reactor	NT3	harris-2 reactor
NT3	uwnr reactor	NT3	chooz-b2 reactor	NT3	harris-3 reactor
NT3	vr-1 reactor	NT3	civaux-1 reactor	NT3	harris-4 reactor
NT3	wpir reactor	NT3	civaux-2 reactor	NT3	haven-1 reactor
NT3	wsur reactor	NT3	comanche peak-1 reactor	NT4	koshkonong-1 reactor
NT3	xapr reactor	NT3	comanche peak-2 reactor	NT3	haven-2 reactor
NT2	purnima-3 reactor	NT3	connecticut yankee reactor	NT4	koshkonong-2 reactor
NT2	pwr type reactors	NT3	cook-1 reactor	NT3	hongyanhe-1 reactor
NT3	aguirre reactor	NT3	cook-2 reactor	NT3	hongyanhe-2 reactor
NT3	almaraz-1 reactor	NT3	cruas-1 reactor	NT3	hongyanhe-3 reactor
NT3	almaraz-2 reactor	NT3	cruas-2 reactor	NT3	hongyanhe-4 reactor
NT3	angra-1 reactor	NT3	cruas-3 reactor	NT3	ikata-2 reactor
NT3	angra-2 reactor	NT3	cruas-4 reactor	NT3	ikata-3 reactor
NT3	angra-3 reactor	NT3	crystal river-3 reactor	NT3	ikata reactor
NT3	arkansas-1 reactor	NT3	crystal river-4 reactor	NT3	indian point-1 reactor
NT3	arkansas-2 reactor	NT3	dampierre-1 reactor	NT3	indian point-2 reactor
NT3	asco-1 reactor	NT3	dampierre-2 reactor	NT3	indian point-3 reactor
NT3	asco-2 reactor	NT3	dampierre-3 reactor	NT3	iran-1 reactor
NT3	atlantic-1 reactor	NT3	dampierre-4 reactor	NT3	iran-2 reactor
NT3	atlantic-2 reactor	NT3	davis besse-1 reactor	NT3	isar-2 reactor
NT3	basf-1 reactor	NT3	davis besse-2 reactor	NT3	jamesport-1 reactor
NT3	basf-2 reactor	NT3	davis besse-3 reactor	NT3	jamesport-2 reactor
NT3	beaver valley-1 reactor	NT3	daya bay-1 reactor	NT3	kewaunee reactor
NT3	beaver valley-2 reactor	NT3	daya bay-2 reactor	NT3	klt-40 reactors
NT3	bellefonte-1 reactor	NT3	diablo canyon-1 reactor	NT3	klt-40m reactors
NT3	bellefonte-2 reactor	NT3	diablo canyon-2 reactor	NT3	klt-40s reactor
NT3	belleville-1 reactor	NT3	doel-1 reactor	NT3	koeberg-1 reactor
NT3	belleville-2 reactor	NT3	doel-2 reactor	NT3	koeberg-2 reactor
NT3	beznau-1 reactor	NT3	doel-3 reactor	NT3	kori-1 reactor
NT3	beznau-2 reactor	NT3	doel-4 reactor	NT3	kori-2 reactor
NT3	biblis-1 reactor	NT3	efdr-50 reactor	NT3	kori-3 reactor
NT3	biblis-2 reactor	NT3	emsland reactor	NT3	kori-4 reactor
NT3	biblis-3 reactor	NT3	erie-1 reactor	NT3	krsko reactor
NT3	biblis-4 reactor	NT3	erie-2 reactor	NT3	lemoniz-1 reactor
NT3	blayais-1 reactor	NT3	fangchenggang-1 reactor	NT3	lemoniz-2 reactor
NT3	blayais-2 reactor	NT3	fangchenggang-2 reactor	NT3	lenin reactor
NT3	blayais-3 reactor	NT3	fangjiashan-1 reactor	NT3	leonid brezhnev reactor
NT3	blayais-4 reactor	NT3	fangjiashan-2 reactor	NT3	lingao-1 reactor
NT3	blue hills-1 reactor	NT3	farley-1 reactor	NT3	lingao-2 reactor
NT3	blue hills-2 reactor	NT3	farley-2 reactor	NT3	lingao-3 reactor
NT3	borssele reactor	NT3	fessenheim-1 reactor	NT3	lingao-4 reactor
NT3	br-3 reactor	NT3	fessenheim-2 reactor	NT3	loft reactor
NT3	braidwood-1 reactor	NT3	flamanville-1 reactor	NT3	lucie-1 reactor
NT3	braidwood-2 reactor	NT3	flamanville-2 reactor	NT3	lucie-2 reactor
NT3	brokdorf reactor	NT3	flamanville-3 reactor	NT3	maanshan-1 reactor
NT3	bugey-2 reactor	NT3	forked river-1 reactor	NT3	maanshan-2 reactor
NT3	bugey-3 reactor	NT3	fuqing-1 reactor	NT3	maine yankee reactor
NT3	bugey-4 reactor	NT3	fuqing-2 reactor	NT3	malibu-1 reactor
NT3	bugey-5 reactor	NT3	fuqing-3 reactor	NT3	marble hill-1 reactor
NT3	bw standard reactor	NT3	fuqing-4 reactor	NT3	marble hill-2 reactor
NT3	byron-1 reactor	NT3	fuqing-5 reactor	NT3	mc guire-1 reactor
NT3	byron-2 reactor	NT3	fuqing-6 reactor	NT3	mc guire-2 reactor
NT3	calhoun-1 reactor	NT3	genkai-1 reactor	NT3	mh-1a reactor
NT3	calhoun-2 reactor	NT3	genkai-2 reactor	NT3	midland-1 reactor
NT3	callaway-1 reactor	NT3	genkai-3 reactor	NT3	midland-2 reactor
NT3	callaway-2 reactor	NT3	genkai-4 reactor	NT3	mihama-1 reactor
NT3	calvert cliffs-1 reactor	NT3	ginna-1 reactor	NT3	mihama-2 reactor
NT3	calvert cliffs-2 reactor	NT3	goesgen reactor	NT3	mihama-3 reactor
NT3	carem 25 reactor	NT3	golfech-1 reactor	NT3	millstone-2 reactor
NT3	catawba-1 reactor	NT3	golfech-2 reactor	NT3	millstone-3 reactor
NT3	catawba-2 reactor	NT3	grafenrheinfeld reactor	NT3	muelheim-kaerlich reactor
NT3	cattenom-1 reactor	NT3	gravelines-1 reactor	NT3	mutsu reactor
NT3	cattenom-2 reactor	NT3	gravelines-2 reactor	NT3	neckar-1 reactor
NT3	cattenom-3 reactor	NT3	gravelines-3 reactor	NT3	neckar-2 reactor
NT3	cattenom-4 reactor	NT3	gravelines-4 reactor	NT3	nep-1 reactor
NT3	ce standard reactor	NT3	gravelines-5 reactor	NT3	nep-2 reactor

NT3 neupotz-1 reactor
 NT3 neupotz-2 reactor
 NT3 ningde-1 reactor
 NT3 ningde-2 reactor
 NT3 ningde-3 reactor
 NT3 ningde-4 reactor
 NT3 nogent-1 reactor
 NT3 nogent-2 reactor
 NT3 north anna-1 reactor
 NT3 north anna-2 reactor
 NT3 north anna-3 reactor
 NT3 north anna-4 reactor
 NT3 north coast-1 reactor
 NT3 obrigheim reactor
 NT3 oconee-1 reactor
 NT3 oconee-2 reactor
 NT3 oconee-3 reactor
 NT3 oi-1 reactor
 NT3 oi-2 reactor
 NT3 oi-3 reactor
 NT3 oi-4 reactor
 NT3 ok-900a reactors
 NT3 oktemberyan-2 reactor
 NT3 olkiluoto-3 reactor
 NT3 otto hahn reactor
 NT3 palisades-1 reactor
 NT3 palo verde-1 reactor
 NT3 palo verde-2 reactor
 NT3 palo verde-3 reactor
 NT3 palo verde-4 reactor
 NT3 palo verde-5 reactor
 NT3 paluel-1 reactor
 NT3 paluel-2 reactor
 NT3 paluel-3 reactor
 NT3 paluel-4 reactor
 NT3 pat reactor
 NT3 pebble springs-1 reactor
 NT3 pebble springs-2 reactor
 NT3 penly-1 reactor
 NT3 penly-2 reactor
 NT3 penly-3 reactor
 NT3 perkins-1 reactor
 NT3 perkins-2 reactor
 NT3 perkins-3 reactor
 NT3 philippsburg-2 reactor
 NT3 pilgrim-2 reactor
 NT3 pilgrim-3 reactor
 NT3 pm-2a reactor
 NT3 pm-3a reactor
 NT3 pnp-1 reactor
 NT3 point beach-1 reactor
 NT3 point beach-2 reactor
 NT3 prairie island-1 reactor
 NT3 prairie island-2 reactor
 NT3 qinshan-1 reactor
 NT3 qinshan-2-1 reactor
 NT3 qinshan-2-2 reactor
 NT3 qinshan-2-3 reactor
 NT3 qinshan-2-4 reactor
 NT3 quanticassee-1 reactor
 NT3 quanticassee-2 reactor
 NT3 rancho seco-1 reactor
 NT3 remerschen reactor
 NT3 rheinsberg akw1 reactor
 NT3 ringhals-2 reactor
 NT3 ringhals-3 reactor
 NT3 ringhals-4 reactor
 NT3 robinson-2 reactor
 NT3 rooppur reactor
 NT3 rowe yankee reactor
 NT3 s1c prototype reactor
 NT3 saint alban-1 reactor
 NT3 saint alban-2 reactor
 NT3 saint laurent-b1 reactor
 NT3 saint laurent-b2 reactor
 NT3 salem-1 reactor
 NT3 salem-2 reactor
 NT3 san onofre-1 reactor
 NT3 san onofre-2 reactor

NT3 san onofre-3 reactor
 NT3 savannah reactor
 NT3 saxton reactor
 NT3 seabrook-1 reactor
 NT3 seabrook-2 reactor
 NT3 selni reactor
 NT3 sendai-1 reactor
 NT3 sendai-2 reactor
 NT3 sequoyah-1 reactor
 NT3 sequoyah-2 reactor
 NT3 shin-kori-1 reactor
 NT3 shin-kori-2 reactor
 NT3 shin-kori-3 reactor
 NT3 shin-wolsong-1 reactor
 NT3 shippingport reactor
 NT3 sizewell-b reactor
 NT3 sm-1 reactor
 NT3 sm-1a reactor
 NT3 south texas project-1 reactor
 NT3 south texas project-2 reactor
 NT3 stade reactor
 NT3 sterling-1 reactor
 NT3 sterling-2 reactor
 NT3 summer-1 reactor
 NT3 sundesert-1 reactor
 NT3 sundesert-2 reactor
 NT3 surry-1 reactor
 NT3 surry-2 reactor
 NT3 surry-3 reactor
 NT3 surry-4 reactor
 NT3 takahama-1 reactor
 NT3 takahama-2 reactor
 NT3 takahama-3 reactor
 NT3 takahama-4 reactor
 NT3 three mile island-1 reactor
 NT3 three mile island-2 reactor
 NT3 tihange-2 reactor
 NT3 tihange-3 reactor
 NT3 tihange reactor
 NT3 tomari-1 reactor
 NT3 tomari-2 reactor
 NT3 tomari-3 reactor
 NT3 tricastin-1 reactor
 NT3 tricastin-2 reactor
 NT3 tricastin-3 reactor
 NT3 tricastin-4 reactor
 NT3 trillo-1 reactor
 NT3 trojan reactor
 NT3 tsuruga-2 reactor
 NT3 turkey point-3 reactor
 NT3 turkey point-4 reactor
 NT3 tva-1 reactor
 NT3 tva-2 reactor
 NT3 tyrone-1 reactor
 NT3 tyrone-2 reactor
 NT3 ulchin-1 reactor
 NT3 ulchin-2 reactor
 NT3 ulchin-3 reactor
 NT3 ulchin-4 reactor
 NT3 ulchin-5 reactor
 NT3 ulchin-6 reactor
 NT3 unterweser reactor
 NT3 vahnum-1 reactor
 NT3 vahnum-2 reactor
 NT3 vandello-2 reactor
 NT3 vogtle-1 reactor
 NT3 vogtle-2 reactor
 NT3 vogtle-3 reactor
 NT3 vogtle-4 reactor
 NT3 waterford-3 reactor
 NT3 waterford-4 reactor
 NT3 watts bar-1 reactor
 NT3 watts bar-2 reactor
 NT3 westinghouse standard reactor
 NT3 wnp-1 reactor
 NT3 wnp-3 reactor
 NT3 wnp-4 reactor
 NT3 wnp-5 reactor
 NT3 wolf creek-1 reactor

NT3 wup-3 reactor
 NT3 wup-4 reactor
 NT3 wup-5 reactor
 NT3 wup-6 reactor
 NT3 wwer type reactors
 NT4 armenian-1 reactor
 NT4 armenian-2 reactor
 NT4 balakovo-1 reactor
 NT4 balakovo-2 reactor
 NT4 balakovo-3 reactor
 NT4 balakovo-4 reactor
 NT4 blahutovice-1 reactor
 NT4 bohunice v-1 reactor
 NT4 bohunice v-2 reactor
 NT4 dukovany-1 reactor
 NT4 dukovany-2 reactor
 NT4 dukovany-3 reactor
 NT4 dukovany-4 reactor
 NT4 greifswald-1 reactor
 NT4 greifswald-2 reactor
 NT4 greifswald-3 reactor
 NT4 greifswald-4 reactor
 NT4 greifswald-5 reactor
 NT4 greifswald-6 reactor
 NT4 juragua-1 reactor
 NT4 kalinin-1 reactor
 NT4 kalinin-2 reactor
 NT4 kalinin-3 reactor
 NT4 kalinin-4 reactor
 NT4 kecerovce-1 reactor
 NT4 khmel'nitskij-1 reactor
 NT4 khmel'nitskij-2 reactor
 NT4 kola-1 reactor
 NT4 kola-2 reactor
 NT4 kola-3 reactor
 NT4 kola-4 reactor
 NT4 kozloduy-1 reactor
 NT4 kozloduy-2 reactor
 NT4 kozloduy-3 reactor
 NT4 kozloduy-4 reactor
 NT4 kozloduy-5 reactor
 NT4 kozloduy-6 reactor
 NT4 kudankulam-1 reactor
 NT4 kudankulam-2 reactor
 NT4 loviisa-1 reactor
 NT4 loviisa-2 reactor
 NT4 mochovec-1 reactor
 NT4 mochovec-2 reactor
 NT4 novovoronezh-1 reactor
 NT4 novovoronezh-2 reactor
 NT4 novovoronezh-3 reactor
 NT4 novovoronezh-4 reactor
 NT4 novovoronezh-5 reactor
 NT4 paks-1 reactor
 NT4 paks-2 reactor
 NT4 paks-3 reactor
 NT4 paks-4 reactor
 NT4 rostov-1 reactor
 NT4 rostov-2 reactor
 NT4 rostov-3 reactor
 NT4 rovno-1 reactor
 NT4 rovno-2 reactor
 NT4 rovno-3 reactor
 NT4 rovno-4 reactor
 NT4 rovno-5 reactor
 NT4 south ukrainian-1 reactor
 NT4 south ukrainian-2 reactor
 NT4 south ukrainian-3 reactor
 NT4 stendal-1 reactor
 NT4 tatarian reactor
 NT4 temelin-1 reactor
 NT4 temelin-2 reactor
 NT4 tianwan-1 reactor
 NT4 tianwan-2 reactor
 NT4 zaporozhe-1 reactor
 NT4 zaporozhe-2 reactor
 NT4 zaporozhe-3 reactor
 NT4 zaporozhe-4 reactor
 NT4 zaporozhe-5 reactor

NT4 zaporozhe-6 reactor
 NT3 wyhl-1 reactor
 NT3 wyhl-2 reactor
 NT3 yangjiang-1 reactor
 NT3 yangjiang-2 reactor
 NT3 yangjiang-3 reactor
 NT3 yangjiang-4 reactor
 NT3 yellow creek-1 reactor
 NT3 yellow creek-2 reactor
 NT3 zion-1 reactor
 NT3 zion-2 reactor
 NT3 zorita-1 reactor
 NT2 r-2 reactor
 NT2 ra-5 reactor
 NT2 rake-2 reactor
 NT2 rg-1m reactor
 NT2 rp-0 reactor
 NT2 safari-1 reactor
 NT2 sm-1 subcritical assembly
 NT2 sm-2 reactor
 NT2 spert-1 reactor
 NT2 spert-2 reactor
 NT2 spert-3 reactor
 NT2 sr-1 reactor
 NT2 sr-0a reactor
 NT2 tca reactor
 NT2 triga type reactors
 NT3 afri reactor
 NT3 atpr reactor
 NT3 colorado triga-mk-3 reactor
 NT3 cornell triga-mk-2 reactor
 NT3 dow triga-mk-1 reactor
 NT3 fir-1 reactor
 NT3 frf-2 reactor
 NT3 fm reactor
 NT3 gulf triga-mk-3 reactor
 NT3 itu-trr reactor
 NT3 kartini-ppny reactor
 NT3 lopra reactor
 NT3 ma-r1 reactor
 NT3 nscr reactor
 NT3 ostr reactor
 NT3 prpr reactor
 NT3 psbr reactor
 NT3 rtp reactor
 NT3 trico ii reactor
 NT3 trico reactor
 NT3 triga-1-arizona reactor
 NT3 triga-1-california reactor
 NT3 triga-1-hanford reactor
 NT3 triga-1-hanover reactor
 NT3 triga-1-heidelberg reactor
 NT3 triga-1-michigan reactor
 NT3 triga-2-bandung reactor
 NT3 triga-2-bangladesh reactor
 NT3 triga-2-dalat reactor
 NT3 triga-2-illinois reactor
 NT3 triga-2-kansas reactor
 NT3 triga-2-ljubljana reactor
 NT3 triga-2-mainz reactor
 NT3 triga-2-musashi reactor
 NT3 triga-2-pavia reactor
 NT3 triga-2-pitesti reactor
 NT3 triga-2-pitesti-ss-core reactor
 NT3 triga-2 reactor
 NT3 triga-2-rikkyo reactor
 NT3 triga-2-rome reactor
 NT3 triga-2-seoul reactor
 NT3 triga-2-vienna reactor
 NT3 triga-3-la jolla reactor
 NT3 triga-3-munich reactor
 NT3 triga-3-salazar reactor
 NT3 triga-3-seoul reactor
 NT3 triga-brazil reactor
 NT3 triga-texas reactor
 NT3 triga-veterans reactor
 NT3 ucbr reactor
 NT3 uwnr reactor
 NT3 wsur reactor

NT2 tsr-2 reactor
 NT2 twmr reactor
 NT2 voronezh ast-500 reactor
 NT2 wntr reactor
 NT2 wtr reactor
 NT2 wwr type reactors
 NT3 budapest training reactor
 NT3 irt-1 libya reactor
 NT3 irt-baghdad reactor
 NT3 lvr-15 reactor
 NT3 wwr-2 reactor
 NT3 wwr-k-almaty reactor
 NT3 wwr-k cf reactor
 NT3 wwr-m-kiev reactor
 NT3 wwr-m-leningrad reactor
 NT3 wwr-s-bucharest reactor
 NT3 wwr-s-budapest reactor
 NT3 wwr-s-cairo reactor
 NT3 wwr-s-moscow reactor
 NT3 wwr-s-prague reactor
 NT3 wwr-s-tashkent reactor
 NT3 wwr-sm rossendorf reactor
 NT3 wwr-z reactor
 NT2 zlfr reactor
 RT criticality
 RT excursions
 RT fission
 RT fission products
 RT fuel elements
 RT hybrid reactors
 RT natural nuclear reactors
 RT nuclear engineering
 RT nuclear fuels
 RT reactor neutrinos
 RT reactor safety
 RT reactor technology
 RT spent fuels

READOUT SYSTEMS

RT data acquisition systems
 RT recording systems

REAGENTS

1996-10-23

NT1 1-nitroso-2-naphthol
 NT1 acetylacetone
 NT1 alizarin
 NT1 arsenazo
 NT1 bromosulphophthalein
 NT1 cupferron
 NT1 dimethylglyoxime
 NT1 dithiols
 NT2 dimercaprol
 NT2 unithiol
 NT1 dithizone
 NT1 evans blue
 NT1 ferroin
 NT1 ferron
 NT1 morin
 NT1 phenanthroline-ortho
 NT1 pyridylazoresorcinol
 NT1 rhodamines
 NT1 rhodizonic acid
 NT1 rose bengal
 NT1 sensitizers
 NT1 starch
 NT1 thionalide
 NT1 thiorin
 NT1 tiron
 RT reducing agents

REAKTORSICHERHEITSKOMMISSION

ON
 INIS: 1978-01-13; ETDE: 1978-03-03
 *BT1 german fr organizations

REAL TIME SYSTEMS

NT1 mwd systems
 RT analog systems
 RT computer architecture

RT computer networks
 RT computers
 RT control systems
 RT on-line control systems
 RT on-line systems
 RT process computers
 RT transfer functions

REARING

NT1 mass rearing
 RT animal growth
 RT diet
 RT domestic animals
 RT insects
 RT nutrition

reattore bologna-1

USE rb-1 reactor

reattore bologna-2

USE rb-2 reactor

reattore bologna-3

USE rb-3 reactor

reattore casaccia-1

USE triga-2-rome reactor

reattore casaccia-4

USE ritmo reactor

reattore organico sperimentale potenza zero

2000-04-12
 USE rospo reactor

RECEIPTS

INIS: 2000-04-12; ETDE: 1980-08-12
 RT fuel supplies
 RT trade

receivers (solar)

INIS: 1992-05-29; ETDE: 1979-09-26
 USE solar receivers

RECEPTORS

INIS: 1978-04-21; ETDE: 1978-07-06
 *BT1 membrane proteins
 RT biochemistry
 RT bioelectricity
 RT calmodulin
 RT central nervous system
 RT endocrine glands
 RT enzymes
 RT hippocampus
 RT hormones
 RT immunity
 RT nerve cells
 RT radioreceptor assay
 RT sense organs
 RT tamoxifen

RECESSIVE MUTATIONS

BT1 mutations

rech-1 reactor

2018-05-30
 USE la reina rech-1 reactor

rech-2 reactor

2018-05-30
 USE lo aguirre rech-2 reactor

recharge

INIS: 2000-04-12; ETDE: 1995-05-09
 SEE groundwater recharge

reciprocal translocations

USE chromosomal aberrations

RECIPROCAL V LAW

INIS: 1975-09-26; ETDE: 1975-10-28
 UF 1/v law

RT cross sections

reclamation

INIS: 2000-04-12; ETDE: 1979-12-10

SEE land reclamation

recoil chemistry

USE hot atom chemistry

recoil distance method

INIS: 1984-01-18; ETDE: 1984-02-10

Method for the determination of lifetimes of nuclear levels.

USE charge plunger method

RECOILLESS FRACTION

2000-04-12

RT moessbauer effect

RECOILS

1995-05-09

RT chemical state
RT delta rays
RT fission
RT hot atom chemistry
RT knock-on
RT knock-out reactions
RT moessbauer effect
RT proton detection
RT proton recoil detectors
RT radiation effects

RECOMBINANT DNA

INIS: 1984-07-20; ETDE: 1981-04-17

*BT1 dna
RT biotechnology
RT crossing-over
RT dna hybridization
RT gene amplification
RT gene mutations
RT gene recombination
RT oligonucleotides

RECOMBINATION

Of electrons, holes, ions, radicals or atoms.

UF neutralization (physical)
RT electron capture
RT radiation chemistry

recombination (genetic)

USE gene recombination

RECOMBINERS

RT reactor cooling systems
RT water

RECOMMENDATIONS

UF guidelines
UF radiation protection guides
RT agreements
RT cen
RT compliance
RT iaea
RT icrp
RT icru
RT implementation
RT inspection
RT international electrotechnical commission
RT iso
RT legal aspects
RT licensing
RT manuals
RT radiation protection
RT reference man
RT regulations
RT regulatory guides
RT research programs
RT safety standards
RT solas convention

recorded information

2000-03-28

SEE data

RECORDING SYSTEMS

RT counting techniques
RT data acquisition
RT data acquisition systems
RT data processing
RT electrocardiograms
RT electronic equipment
RT measuring instruments
RT readout systems

RECORDS MANAGEMENT

INIS: 1992-04-02; ETDE: 1983-11-09

BT1 management
RT information

records retrieval

USE information retrieval

recovery

2000-04-12

(Prior to June 1992 this was a valid ETDE descriptor.)

SEE biological recovery
SEE energy recovery
SEE enhanced recovery
SEE materials recovery
SEE primary recovery
SEE seed recovery
SEE tritium recovery

recovery (biological)

USE biological recovery

recovery (tritium)

ETDE: 1975-09-11

USE tritium recovery

RECREATIONAL AREAS

INIS: 1985-09-09; ETDE: 1977-06-21

SF parks
RT aesthetics
RT environment
RT land use
RT public lands
RT recreational vehicles
RT sport facilities
RT tourism

RECREATIONAL VEHICLES

INIS: 2000-04-12; ETDE: 1979-07-18

BT1 vehicles
RT motorboats
RT occupants
RT recreational areas

RECRYSTALLIZATION

RT annealing
RT crystallization
RT grain growth
RT heat treatments

RECTAL ADMINISTRATION

INIS: 1975-10-29; ETDE: 1976-08-24

BT1 intake
RT intestinal absorption
RT uptake

RECTANGULAR CONFIGURATION

BT1 configuration
NT1 square configuration
RT plates

RECTENNAS

2000-04-12

A device that converts microwave energy into direct current.

*BT1 antennas
RT microwave power transmission

RECTIFIER TUBES

1996-06-26

(Prior to June 1996 CAPACITRONS was a valid ETDE descriptor.)

UF capacitors
BT1 electron tubes
*BT1 rectifiers
NT1 ignitrons
RT thyratrons

RECTIFIERS

UF ac to dc converters
*BT1 electrical equipment
NT1 rectifier tubes
NT2 ignitrons
NT1 semiconductor rectifiers
RT dc to dc converters
RT thyristors

RECTISOL PROCESS

2000-04-12

Process using methanol as solvent for removal of carbon dioxide, hydrogen sulfide, ammonia, HCN, gum formers, higher hydrocarbons, and other impurities from crude gas produced by coal gasification for syngas or sng manufacture; removal of hydrogen sulfide, COS and carbon dioxide from reformed gas, in particular from gas produced by partial oxidation of hydrocarbons, to yield synthesis gas; and integration of gas purification with low-temperature plants (liquefaction and fractionation) for removal of moderate contents of acidic components.

*BT1 desulfurization
RT sasol-ii process

RECTUM

*BT1 large intestine
RT feces
RT pelvis
RT proctitis

recurrence relations

INIS: 1984-04-04; ETDE: 2002-05-03

USE recursion relations

RECURSION RELATIONS

UF recurrence relations
RT differential equations
RT functions

recycle (nuclear fuel)

USE fuel cycle

RECYCLING

INIS: 1981-05-11; ETDE: 1975-11-11

RT energy conservation
RT materials handling
RT materials recovery
RT resource conservation
RT scrap
RT thermonuclear fuels
RT waste oil refineries
RT waste oils
RT waste processing
RT wastes

recycling (nuclear fuel)

2000-04-12

USE reprocessing

RED DWARF STARS

*BT1 dwarf stars

RED GIANT STARS

*BT1 giant stars
RT helium burning

red level-3 reactor

ETDE: 2002-05-03

USE crystal river-3 reactor

red level-4 reactor

ETDE: 2002-05-03

USE crystal river-4 reactor

red peppers

INIS: 1984-04-04; ETDE: 2001-01-23

USE peppers

RED SEA

*BT1 seas

NT1 gulf of suex

RT egyptian arab republic

RT sudan

RED SHIFT

INIS: 1975-10-31; ETDE: 1975-12-17

RT astrophysics

RT cosmology

RT doppler effect

RT einstein effect

RT hubble effect

red wing prairie island-1 reactor

INIS: 1993-11-09; ETDE: 2002-05-03

USE prairie island-1 reactor

red wing prairie island-2 reactor

INIS: 1993-11-09; ETDE: 2002-05-03

USE prairie island-2 reactor

REDD

2013-04-29

A set of steps designed to use market and financial incentives in order to reduce the emissions of greenhouse gases from deforestation and forest degradation.

UF reducing emissions from deforestation and forest degradation

RT air pollution abatement

RT deforestation

RT emissions trading

RT forests

RT greenhouse gases

RT unfccc

redmud event

INIS: 2000-04-12; ETDE: 1979-12-10

A test made during OPERATION FULCRUM.

(Prior to September 1994, this was a valid

ETDE descriptor.)

USE nuclear explosions

USE underground explosions

REDOX FLOW BATTERIES

2007-05-16

*BT1 electric batteries

RT redox fuel cells

REDOX FUEL CELLS

INIS: 1992-05-20; ETDE: 1975-08-19

*BT1 regenerative fuel cells

RT off-peak energy storage

RT redox flow batteries

REDOX POTENTIALUF *eh* (redox potential)

RT oxidation

RT potentiometry

RT reduction

RT valence

REDOX PROCESS

*BT1 reprocessing

RT ascorbic acid

RT coenzymes

RT cytochromes

RT oxidoreductases

RT solvent extraction

REDOX REACTIONS

1992-01-21

UF oxidation-reduction

UF oxygen reduction reactions

BT1 chemical reactions

RT hydroaromatics

RT oxidation

RT reduction

reduced nicotinamide-adenine dinucleotide

INIS: 2000-04-12; ETDE: 1980-06-22

USE nadh2

REDUCING AGENTS

INIS: 1980-11-07; ETDE: 1976-09-14

RT reagents

RT reduction

reducing emissions from deforestation and forest degradation

2013-04-29

USE redd

reductases

USE oxidoreductases

REDUCTION

For chemical reactions only; for size or volume change, see COMPRESSION, SHRINKAGE, or CONTRACTION.

UF deoxidation

UF disproportionation

BT1 chemical reactions

NT1 bomb reduction

NT1 selective catalytic reduction

NT1 thermite process

RT jones reductor

RT kroll process

RT methanation

RT oxidation

RT oxidoreductases

RT pyrometallurgy

RT redox potential

RT redox reactions

RT reducing agents

REDUCTIVE EXTRACTION

1999-07-14

*BT1 extraction

RT molten salt reactors

reductive perturbation method

USE perturbation theory

REDUNDANCY

2004-02-18

The existence of more than one means in a system to accomplish a certain purpose, in order to increase reliability; e.g. parallel devices in an engineered system, multiple organs in a biological system, several copies of data in an information system. Coordinate with specific descriptor for the system/organ/data that is redundant.

RT biological evolution

RT communications

RT computerized control systems

RT data

RT failure mode analysis

RT information theory

RT reliability

REDWING PROJECT

UF project redwing

RT atmospheric explosions

RT bikini

RT nuclear explosions

RT nuclear weapons

RT surface explosions

REEDS

INIS: 2000-04-06; ETDE: 1986-01-14

*BT1 gramineae

NT1 sugar cane

REEFS

INIS: 1992-06-04; ETDE: 1980-04-14

Chains of rocks or sand near the surface of water.

BT1 geologic structures

NT1 coral reefs

RT rocks

RT sand

RT seas

REENTRY

UF re-entry

RT ablation

RT aerodynamics

RT missiles

RT parachutes

RT plasma sheath

RT rockets

RT space flight

RT space vehicles

REENTRY VEHICLES

INIS: 1993-03-23; ETDE: 1975-12-16

*BT1 space vehicles

RT flight testing

RT missiles

REFERENCE MAN

UF standard man

RT adults

RT icrp

RT man

RT radiation protection

RT recommendations

reference materials (bio mark)

INIS: 1984-10-23; ETDE: 1984-11-08

USE biological markers

reference materials (standard)

INIS: 1984-10-23; ETDE: 1984-11-08

USE calibration standards

REFERENCE THETA PINCH REACTOR

*BT1 pulsed d-t reactors

RT theta pinch

RT toroidal theta pinch devices

refinement (grain)

USE grain refinement

refiner-marketers

INIS: 1992-04-03; ETDE: 1979-10-03

USE marketers

REFINERY GASES

INIS: 2000-04-12; ETDE: 1976-01-23

Boiling point range -160 to 0 degrees C.

UF still gas

*BT1 gases

*BT1 petroleum fractions

BT1 petroleum products

RT fuel gas

RT natural gas

RT petroleum refineries

REFINING

2000-02-01

UF aurabon process

BT1 processing

NT1 electrorefining

NT1 gulf hds process

NT1 zone refining

RT catalytic reforming

RT chloride volatility process

RT dewaxing

RT enrichment

RT extractive metallurgy

RT fluoride volatility process

RT ore processing
 RT petroleum products
 RT purification
 RT separation processes
 RT sublimation

reflectance (spectral)

INIS: 1984-04-04; ETDE: 2002-05-03

USE spectral reflectance

REFLECTION

NT1 bragg reflection
 NT1 optical reflection
 RT albedo
 RT backscattering
 RT electrostatic mirrors
 RT greenhouse effect
 RT incidence angle
 RT mirrors
 RT parabolic reflectors

REFLECTIVE COATINGS

INIS: 1985-01-17; ETDE: 1979-02-23

BT1 coatings
 RT antireflection coatings
 RT heat mirrors
 RT optical properties
 RT solar control films

REFLECTIVITY

1992-02-23

*BT1 optical properties
 BT1 surface properties
 RT scanning light microscopy
 RT spectral reflectance
 RT visible radiation

REFLECTOR SAVINGS

A measure of the decrease in the critical size of a reactor as a consequence of the reflector.

RT configuration control
 RT critical mass
 RT critical size
 RT criticality
 RT neutron reflectors

reflectors (neutron)

USE neutron reflectors

reflex switches

INIS: 1986-01-21; ETDE: 2002-05-03

Switches employing a current-conducting plasma for operation.

USE plasma switches

REFLEXES

NT1 conditioned reflexes
 RT behavior
 RT nerves
 RT nervous system
 RT sense organs
 RT spinal cord

REFORMER PROCESSES

INIS: 2000-04-12; ETDE: 1975-08-19

BT1 chemical reactions
 NT1 autothermal reformer processes
 NT1 catalytic reforming
 NT1 steam reformer processes
 RT hydrogen production

refractaloy

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE chromium alloys
 USE iron alloys
 USE molybdenum alloys
 USE nickel alloys

REFRACTION

NT1 birefringence

RT fresnel coefficient
 RT incidence angle
 RT optical dispersion
 RT optical properties
 RT refractive index
 RT schlieren method
 RT wave propagation

REFRACTIVE INDEX

INIS: 1976-05-05; ETDE: 1991-08-14

UF index of refraction
 UF refractivity
 *BT1 optical properties
 RT fresnel coefficient
 RT optical dispersion
 RT refraction
 RT wave propagation

refractivity

INIS: 1976-03-25; ETDE: 1975-09-11

(Prior to January 1983 this concept was indexed by REFRACTION.)

USE refractive index

REFRACTORIES

RT ablation
 RT asbestos
 RT ceramics
 RT cermets
 RT graphite
 RT heat resistant materials
 RT heat resisting alloys
 RT refractory metals

refractory alloys

INIS: 2003-01-06; ETDE: 2002-05-03

USE heat resisting alloys

REFRACTORY METAL COMPOUNDS

INIS: 2000-04-12; ETDE: 1984-11-09

NT1 hafnium compounds
 NT2 hafnates
 NT2 hafnium arsenides
 NT2 hafnium borides
 NT2 hafnium carbides
 NT2 hafnium halides
 NT3 hafnium bromides
 NT3 hafnium chlorides
 NT3 hafnium fluorides
 NT3 hafnium iodides
 NT2 hafnium hydrides
 NT2 hafnium hydroxides
 NT2 hafnium nitrates
 NT2 hafnium nitrides
 NT2 hafnium oxides
 NT2 hafnium perchlorates
 NT2 hafnium phosphates
 NT2 hafnium phosphides
 NT2 hafnium selenides
 NT2 hafnium silicates
 NT2 hafnium silicides
 NT2 hafnium sulfates
 NT2 hafnium sulfides
 NT2 hafnium tellurides
 NT2 hafnium tungstates

NT1 iridium compounds
 NT2 iridium borides
 NT2 iridium carbides
 NT2 iridium halides
 NT3 iridium chlorides
 NT3 iridium fluorides
 NT2 iridium hydrides
 NT2 iridium nitrides
 NT2 iridium oxides
 NT2 iridium silicides
 NT2 iridium sulfates
 NT2 iridium tellurides
 NT1 molybdenum compounds
 NT2 molybdates

NT2 molybdenum arsenides
 NT2 molybdenum borides
 NT2 molybdenum carbides
 NT2 molybdenum carbonates
 NT2 molybdenum halides
 NT3 molybdenum bromides
 NT3 molybdenum chlorides
 NT3 molybdenum fluorides
 NT3 molybdenum iodides
 NT2 molybdenum hydrides
 NT2 molybdenum hydroxides
 NT2 molybdenum nitrates
 NT2 molybdenum nitrides
 NT2 molybdenum oxides
 NT3 molybdenum blue
 NT2 molybdenum phosphates
 NT2 molybdenum phosphides
 NT2 molybdenum selenides
 NT2 molybdenum silicates
 NT2 molybdenum silicides
 NT2 molybdenum sulfates
 NT2 molybdenum sulfides
 NT2 molybdenum tellurides
 NT2 molybdc acid
 NT2 molybdophosphates
 NT2 molybdophosphoric acid

NT1 niobium compounds

NT2 niobates
 NT2 niobium arsenides
 NT2 niobium borides
 NT2 niobium bromides
 NT2 niobium carbides
 NT2 niobium chlorides
 NT2 niobium fluorides
 NT2 niobium halides
 NT3 niobium bromides
 NT3 niobium chlorides
 NT3 niobium fluorides
 NT3 niobium iodides
 NT2 niobium hydrides
 NT2 niobium hydroxides
 NT2 niobium iodides
 NT2 niobium nitrates
 NT2 niobium nitrides
 NT2 niobium oxides
 NT2 niobium phosphates
 NT2 niobium phosphides
 NT2 niobium selenides
 NT2 niobium silicates
 NT2 niobium silicides
 NT2 niobium sulfates
 NT2 niobium sulfides
 NT2 niobium tellurides

NT1 osmium compounds

NT2 osmium borides
 NT2 osmium carbides
 NT2 osmium halides
 NT3 osmium chlorides
 NT3 osmium fluorides
 NT2 osmium nitrides
 NT2 osmium oxides
 NT2 osmium phosphides
 NT2 osmium sulfates
 NT2 osmium sulfides

NT1 rhenium compounds

NT2 perrhenates
 NT2 rhenates
 NT2 rhenium borides
 NT2 rhenium carbides
 NT2 rhenium carbonates
 NT2 rhenium halides
 NT3 rhenium bromides
 NT3 rhenium chlorides
 NT3 rhenium fluorides
 NT3 rhenium iodides
 NT2 rhenium hydrides
 NT2 rhenium hydroxides
 NT2 rhenium nitrides
 NT2 rhenium oxides

NT2 rhenium selenides
 NT2 rhenium silicides
 NT2 rhenium sulfates
 NT2 rhenium sulfides
 NT2 rhenium tellurides
 NT1 rhodium compounds
 NT2 rhodium arsenides
 NT2 rhodium borides
 NT2 rhodium carbides
 NT2 rhodium halides
 NT3 rhodium bromides
 NT3 rhodium chlorides
 NT3 rhodium fluorides
 NT2 rhodium hydrides
 NT2 rhodium hydroxides
 NT2 rhodium nitrates
 NT2 rhodium nitrides
 NT2 rhodium oxides
 NT2 rhodium phosphides
 NT2 rhodium selenides
 NT2 rhodium silicides
 NT2 rhodium sulfides
 NT2 rhodium tellurides
 NT1 ruthenium compounds
 NT2 ruthenium arsenides
 NT2 ruthenium borides
 NT2 ruthenium carbides
 NT2 ruthenium halides
 NT3 ruthenium bromides
 NT3 ruthenium chlorides
 NT3 ruthenium fluorides
 NT2 ruthenium hydrides
 NT2 ruthenium hydroxides
 NT2 ruthenium nitrates
 NT2 ruthenium nitrides
 NT2 ruthenium nitrosyls
 NT2 ruthenium oxides
 NT2 ruthenium phosphides
 NT2 ruthenium selenides
 NT2 ruthenium silicides
 NT2 ruthenium sulfates
 NT2 ruthenium sulfides
 NT2 ruthenium tellurides
 NT1 tantalum compounds
 NT2 tantalates
 NT2 tantalum arsenides
 NT2 tantalum borides
 NT2 tantalum carbides
 NT2 tantalum halides
 NT3 tantalum bromides
 NT3 tantalum chlorides
 NT3 tantalum fluorides
 NT3 tantalum iodides
 NT2 tantalum hydrides
 NT2 tantalum hydroxides
 NT2 tantalum nitrides
 NT2 tantalum oxides
 NT2 tantalum phosphates
 NT2 tantalum phosphides
 NT2 tantalum selenides
 NT2 tantalum silicates
 NT2 tantalum silicides
 NT2 tantalum sulfates
 NT2 tantalum sulfides
 NT2 tantalum tellurides
 NT2 tantalum tungstates
 NT1 technetium compounds
 NT2 pertechnetates
 NT2 technetates
 NT2 technetium carbides
 NT2 technetium halides
 NT3 technetium bromides
 NT3 technetium chlorides
 NT3 technetium fluorides
 NT3 technetium iodides
 NT2 technetium hydrides
 NT2 technetium oxides
 NT2 technetium phosphates
 NT2 technetium selenides

NT2 technetium sulfides
 NT2 technetium tellurides
 NT1 tungsten compounds
 NT2 tungstates
 NT3 aluminium tungstates
 NT3 ammonium tungstates
 NT3 barium tungstates
 NT3 bismuth tungstates
 NT3 cadmium tungstates
 NT3 calcium tungstates
 NT3 cerium tungstates
 NT3 cesium tungstates
 NT3 cobalt tungstates
 NT3 copper tungstates
 NT3 dysprosium tungstates
 NT3 erbium tungstates
 NT3 gadolinium tungstates
 NT3 hafnium tungstates
 NT3 indium tungstates
 NT3 iron tungstates
 NT3 lanthanum tungstates
 NT3 lead tungstates
 NT3 lithium tungstates
 NT3 lutetium tungstates
 NT3 manganese tungstates
 NT3 neodymium tungstates
 NT3 nickel tungstates
 NT3 potassium tungstates
 NT3 praseodymium tungstates
 NT3 rubidium tungstates
 NT3 samarium tungstates
 NT3 scandium tungstates
 NT3 silver tungstates
 NT3 sodium tungstates
 NT3 strontium tungstates
 NT3 tantalum tungstates
 NT3 thallium tungstates
 NT3 thorium tungstates
 NT3 tin tungstates
 NT3 titanium tungstates
 NT3 uranium tungstates
 NT3 uranyl tungstates
 NT3 vanadium tungstates
 NT3 ytterbium tungstates
 NT3 yttrium tungstates
 NT3 zinc tungstates
 NT3 zirconium tungstates
 NT2 tungsten borides
 NT2 tungsten carbides
 NT2 tungsten halides
 NT3 tungsten bromides
 NT3 tungsten chlorides
 NT3 tungsten fluorides
 NT3 tungsten iodides
 NT2 tungsten hydrides
 NT2 tungsten hydroxides
 NT2 tungsten nitrides
 NT2 tungsten oxides
 NT3 sodium tungsten bronze
 NT2 tungsten phosphides
 NT2 tungsten selenides
 NT2 tungsten silicides
 NT2 tungsten sulfides
 NT2 tungsten tellurides
 NT2 tungstophosphates
 NT2 tungstophosphoric acid

REFRACTORY METALS

INIS: 2000-03-27; ETDE: 1977-06-02

*BT1 metals
 NT1 hafnium
 NT2 hafnium-alpha
 NT2 hafnium-beta
 NT1 iridium
 NT1 molybdenum
 NT1 niobium
 NT2 niobium-alpha
 NT2 niobium-beta
 NT1 osmium

NT1 rhenium
 NT1 rhodium
 NT1 ruthenium
 NT1 tantalum
 NT1 technetium
 NT1 tungsten
 NT2 tungsten-alpha
 RT heat resisting alloys
 RT refractories

REFRIGERANTS

INIS: 1978-04-21; ETDE: 1977-11-09

*BT1 working fluids
 RT ammonia
 RT chlorofluorocarbons
 RT coolants
 RT cryogenic fluids
 RT freons
 RT halogenated aliphatic hydrocarbons
 RT hydrocarbons
 RT organic coolants
 RT organic halogen compounds
 RT refrigeration

REFRIGERATING MACHINERY

INIS: 1992-03-10; ETDE: 1975-11-11

Machinery for cooling a volume to a temperature below that of the surrounding environment.

*BT1 machinery
 RT absorption refrigeration cycle
 RT air conditioners
 RT air conditioning
 RT coefficient of performance
 RT cooling systems
 RT refrigeration
 RT refrigerators
 RT vapor compression refrigeration cycle

REFRIGERATION

(From May 1981 to February 1997 COLD RECOVERY was a valid ETDE descriptor.)

SF cold recovery
 BT1 cooling
 NT1 geothermal refrigeration
 NT1 helium dilution refrigeration
 NT1 solar refrigeration
 RT absorption refrigeration cycle
 RT heat pumps
 RT magnetic refrigerators
 RT refrigerants
 RT refrigerating machinery
 RT refrigerators
 RT vapor compression refrigeration cycle

REFRIGERATORS

INIS: 1980-04-02; ETDE: 1975-10-01

Insulated containments cooled by refrigerating machinery.

NT1 helium dilution refrigerators
 NT1 magnetic refrigerators
 NT1 solar refrigerators
 NT1 thermoelectric refrigerators
 RT absorption refrigeration cycle
 RT coefficient of performance
 RT cooling systems
 RT cryostats
 RT electric appliances
 RT freezers
 RT gas appliances
 RT helium dilution refrigeration
 RT refrigerating machinery
 RT refrigeration
 RT vapor compression refrigeration cycle
 RT water coolers

refueling water systems

2000-04-12

USE auxiliary water systems

refuse

USE solid wastes

REFUSE DERIVED FUELS

INIS: 1992-04-09; ETDE: 1976-11-01

Fuels prepared from solid municipal or industrial wastes by removing all non-combustible materials, and put into burnable form.

UF rdf

*BT1 alternative fuels

RT industrial wastes

RT municipal wastes

RT refuse-fueled power plants

RT resource recovery facilities

RT solid wastes

RT synthetic fuels

REFUSE-FUELED BOILERS

INIS: 1992-05-18; ETDE: 1979-05-09

UF waste-fueled boilers

BT1 boilers

RT refuse-fueled power plants

REFUSE-FUELED POWER PLANTS

INIS: 1992-04-09; ETDE: 1979-03-27

UF waste-fueled power plants

*BT1 thermal power plants

RT cogeneration

RT dual-purpose power plants

RT power generation

RT refuse derived fuels

RT refuse-fueled boilers

RT steam generation

regenerating liver

USE biological regeneration

REGENERATION

1981-11-26

SF reactivation

RT heat storage

RT particle production

RT solar heat engines

RT stirling engines

RT waste processing

regeneration (biological)

USE biological regeneration

REGENERATIVE BRAKING

INIS: 2000-04-12; ETDE: 1976-03-11

RT brakes

RT electric-powered vehicles

REGENERATIVE FUEL CELLS

1992-05-20

*BT1 fuel cells

NT1 redox fuel cells

RT proton exchange membrane fuel cells

REGENERATORS

1986-04-04

NT1 solar regenerators

RT energy storage systems

RT heat exchangers

RT heat storage

RT solar heat engines

RT stirling engines

REGGE CALCULUS

RT mathematics

RT regge poles

RT relativity theory

REGGE CUTS

RT regge poles

REGGE POLES

RT abfst equation

RT conspiracy relations

RT exchange degeneracy

RT linear absorption models

RT lorentz poles

RT pomeranchuk particles

RT pomeranchuk poles

RT quantum field theory

RT regge calculus

RT regge cuts

RT regge trajectories

RT scattering amplitudes

RT van hove model

REGGE TRAJECTORIES

RT regge poles

region i

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

region ii

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

region iii

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

region iv

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

region ix

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

region v

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

region vi

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

region vii

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

region viii

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

region x

INIS: 2000-04-12; ETDE: 1978-07-06

USE usa

REGIONAL ANALYSIS

Evaluation of the characteristics of a region and their economic, ecological, or social implications.

RT ecology

RT economic analysis

RT economics

RT environment

RT fallout

RT geology

RT geomorphology

RT human populations

RT input-output analysis

RT land use

RT regional cooperation

RT sociology

RT water use

REGIONAL COOPERATION

INIS: 1996-05-06; ETDE: 1978-04-06

BT1 cooperation

RT decision making

RT energy policy

RT government policies

RT land use

RT local government

RT management

RT planning

RT regional analysis

RT state government

regional electric reliability councils

INIS: 2000-04-12; ETDE: 1979-09-27

USE electric reliability councils

regolith

INIS: 2000-03-28; ETDE: 1976-02-20

(Prior to December 1990, this was a valid descriptor.)

SEE overburden

REGRESSION ANALYSIS

INIS: 1981-07-08; ETDE: 1979-05-09

*BT1 statistics

RT correlations

RT economic analysis

RT forecasting

REGULATING RODS

UF fine control rods

*BT1 control elements

RT neutron absorbers

REGULATIONS

(From August 1979 till March 1997 LEGAL INCENTIVES was a valid ETDE descriptor.)

SF legal incentives

BT1 laws

NT1 building codes

NT1 contamination regulations

NT2 maximum acceptable contamination

NT1 international regulations

NT2 oecd mcmsdrw

NT1 licensing regulations

NT1 packaging rules

NT1 pollution regulations

NT1 pricing regulations

NT1 safeguard regulations

NT1 transport regulations

RT administrative procedures

RT afudc

RT agreements

RT amendments

RT compliance

RT consumer protection

RT deregulation

RT enforcement

RT executive orders

RT government policies

RT horizontal divestiture

RT implementation

RT iso

RT land leasing

RT legal aspects

RT legislation

RT legislative text

RT licensing

RT local government

RT national government

RT public policy

RT radiation protection

RT recommendations

RT regulatory guides

RT reporting requirements

RT resource recovery acts

RT safety standards

RT solas convention

RT state government

RT us ferc

RT us public utility regulatory policies

act

RT vertical divestiture

RT violations

regulators (voltage)

USE voltage regulators

REGULATORY GUIDES

Should be used to index all pieces of literature which are regulatory guides.

- BT1 document types
- RT legal aspects
- RT recommendations
- RT regulations
- RT us aec

REICH-MOORE FORMULA

- RT nuclear reactions
- RT resonance

REID POTENTIAL

- *BT1 nucleon-nucleon potential
- RT nucleon-nucleon interactions

reimbursement

INIS: 2000-04-12; ETDE: 1983-03-23
USE cost recovery

reindeer

- USE deer

REINFORCED CONCRETE

- *BT1 composite materials
- *BT1 concretes
- *BT1 reinforced materials
- RT concrete stringers

REINFORCED MATERIALS

- UF materials (reinforced)
- BT1 materials
- NT1 reinforced concrete
- NT1 reinforced plastics
- RT building materials
- RT composite materials

REINFORCED PLASTICS

- *BT1 plastics
- *BT1 reinforced materials

REINJECTION

INIS: 2000-04-12; ETDE: 1977-03-08
RT injection wells
RT liquid wastes
RT underground disposal
RT waste disposal
RT waste water

reinluft process

2000-04-12
Reduction of emission of oxides of sulfur from coal by adsorption of sulfur dioxide on activated char at 300 degrees F, followed by cooling of flue gas to 220 degrees F where sulfur dioxide is oxidized to sulfur trioxide which is then adsorbed on char; sulfur trioxide combines with adsorbed water forming sulfuric acid.
(Prior to March 1994, this was a valid ETDE descriptor.)
USE desulfurization

relative biological effectiveness

- USE rbe

RELATIVISTIC BEAM INJECTION

- BT1 beam injection

relativistic heavy ion collider (bnl)

INIS: 1993-11-09; ETDE: 2002-05-03
USE brookhaven rhic

RELATIVISTIC PLASMA

- BT1 plasma

RELATIVISTIC RANGE

- BT1 energy range
- RT relativity theory

RELATIVITY THEORY

- NT1 general relativity theory

- NT1 special relativity theory
- RT light cone
- RT metrics
- RT minkowski space
- RT regge calculus
- RT relativistic range
- RT space-time

RELAXATION

- NT1 muon spin relaxation
- NT1 spin-lattice relaxation
- NT1 spin-spin relaxation
- NT1 stress relaxation
- RT de-excitation
- RT relaxation losses
- RT relaxation time

relaxation (stress)

- USE stress relaxation

RELAXATION LOSSES

- *BT1 energy losses
- RT dielectric properties
- RT dipoles
- RT relaxation

RELAXATION TIME

INIS: 1981-08-18; ETDE: 1980-03-29
RT relaxation
RT time dependence

RELAYS

- *BT1 electrical equipment
- RT equipment protection devices
- RT switches
- RT switching circuits

release (fission product)

1980-11-07
USE fission product release

RELEASE LIMITS

- RT radiation hazards
- RT radioactive wastes
- RT stack disposal

releasing factors

INIS: 1983-02-03; ETDE: 1983-03-07
USE liberins

releasing hormones

INIS: 1983-02-03; ETDE: 1983-03-07
USE liberins

RELIABILITY

- RT accuracy
- RT amoeba effect
- RT errors
- RT failure mode analysis
- RT failures
- RT fault tolerant computers
- RT hazards
- RT outages
- RT performance
- RT quality assurance
- RT quality control
- RT radiation protection
- RT reactor safety
- RT redundancy
- RT risk assessment
- RT safety margins
- RT specifications
- RT systems analysis
- RT var control systems

relic radiation

INIS: 1984-04-25; ETDE: 1984-05-23
USE relict radiation

RELICT RADIATION

INIS: 1984-04-25; ETDE: 1984-05-23
Thermal microwave background radiation of the universe believed to date from the early universe.

- UF cmb radiation
- UF cosmic microwave background
- UF relic radiation
- *BT1 microwave radiation
- RT background radiation
- RT cosmic radiation
- RT universe

RELIEF VALVES

1986-04-04
UF rupture disks
UF safety valves
*BT1 valves

relieving (stress)

- USE stress relaxation

RELOADABLE FUEL ASSEMBLIES

2003-10-21
Ring-shaped elements, which can carry different replaceable inner parts; after replacement of the replaceable parts, they can be reloaded into the core for further operation.
BT1 fuel assemblies

rem

For studies concerning units, concepts, or definitions. See also dose equivalents.
USE radiation dose units

REMEDIAL ACTION

INIS: 1985-04-23; ETDE: 1984-06-29
Activities conducted to reduce potential exposure of people to hazardous materials or ionizing radiation, and potential harm to the environment from hazardous materials contamination.

- UF site rehabilitation
- SF mine site rehabilitation
- NT1 bioremediation
- RT abandoned sites
- RT brownfield sites
- RT contamination
- RT decommissioning
- RT decontamination
- RT environmental engineering
- RT land reclamation
- RT natural attenuation
- RT radiation doses
- RT radiation protection
- RT tailings
- RT us superfund

REMERSCHEN REACTOR

INIS: 1976-07-19; ETDE: 1976-09-15
*BT1 pwr type reactors

REMOTE AREAS

INIS: 1994-10-13; ETDE: 1978-06-14
UF isolated locations
RT rural areas

REMOTE CONTROL

- BT1 control
- RT hydraulic control devices
- RT remote handling
- RT servomechanisms
- RT unmanned aerial vehicles

REMOTE HANDLING

- RT automation
- RT clean rooms
- RT contact handling
- RT distance
- RT gloveboxes

RT hot cells
 RT hot labs
 RT man-machine systems
 RT manipulators
 RT materials handling
 RT materials handling equipment
 RT periscopes
 RT radiation protection
 RT reactor charging machines
 RT reactor fueling
 RT remote control
 RT remote handling equipment
 RT sample changers
 RT sample holders
 RT work

REMOTE HANDLING EQUIPMENT

(From August 1979 till March 1997

RETRIEVAL SYSTEMS was a valid ETDE descriptor.)

SF *retrieval systems*
 *BT1 materials handling equipment
 NT1 cranes
 NT1 manipulators
 RT auxiliary systems
 RT hot cells
 RT laboratory equipment
 RT remote handling
 RT remote viewing equipment
 RT robots

REMOTE MULTIPLEXING SYSTEMS

INIS: 2000-04-12; ETDE: 1978-01-23

Systems for the remote transmission of data and control signals in power plants or process equipment.

RT multiplexers
 RT on-line control systems

REMOTE SENSING

1978-09-28

Techniques for conducting measurements from aeroplanes or satellites such as for geologic exploration.

RT acoustic radar
 RT aerial monitoring
 RT aerial prospecting
 RT aerial surveying
 RT exploration
 RT geophysical surveys
 RT geos satellites
 RT goes satellites
 RT ground truth measurements
 RT landsat satellites
 RT multispectral photography
 RT optical radar
 RT satellites
 RT seasat satellites
 RT sensors
 RT thermography
 RT unmanned aerial vehicles

REMOTE VIEWING EQUIPMENT

BT1 equipment
 RT hot cells
 RT laboratory equipment
 RT lighting systems
 RT optical systems
 RT remote handling equipment
 RT television
 RT video tapes

REMOVAL

1991-08-14

UF *tioga nitrogen removal process*
 NT1 after-heat removal
 NT1 cuttings removal
 NT1 reactor poison removal
 NT1 water removal
 RT deashing

RT fission product release

removal (after-heat)

USE after-heat removal

removal (reactor poison)

USE reactor poison removal

RENAL CLEARANCE

UF *clearance (renal)*
 *BT1 excretion
 RT glomeruli
 RT kidneys
 RT metabolism
 RT renography
 RT tubules

RENE-100

INIS: 2000-04-12; ETDE: 1978-12-20

*BT1 aluminium alloys
 *BT1 chromium alloys
 *BT1 cobalt alloys
 *BT1 molybdenum alloys
 *BT1 nickel base alloys
 *BT1 titanium alloys

RENE 41

1993-10-03

*BT1 alloy-ni55cr19co11mo10ti3
 *BT1 carbon additions
 *BT1 iron alloys

RENE 80

INIS: 1993-10-03; ETDE: 1978-12-20

*BT1 aluminium alloys
 *BT1 boron additions
 *BT1 chromium alloys
 *BT1 cobalt alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 molybdenum alloys
 *BT1 nickel base alloys
 *BT1 titanium alloys
 *BT1 tungsten alloys
 *BT1 zirconium additions

RENE 95

INIS: 1993-10-03; ETDE: 1976-02-19

*BT1 aluminium alloys
 *BT1 carbon additions
 *BT1 chromium alloys
 *BT1 cobalt alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 iron additions
 *BT1 molybdenum alloys
 *BT1 nickel base alloys
 *BT1 niobium alloys
 *BT1 titanium alloys
 *BT1 tungsten alloys
 *BT1 zirconium additions

RENEWABLE ENERGY SOURCES

INIS: 1981-02-27; ETDE: 1977-09-19

(From December 1978 till May 1996

RENEWABLE RESOURCES was a valid ETDE descriptor.)

SF *green energy*
 SF *renewable resources*
 BT1 energy sources
 NT1 biomass
 NT2 energy crops
 NT1 energy crops
 NT1 geothermal energy
 NT1 hydroelectric power
 NT1 hydrokinetic power
 NT1 solar energy
 NT1 tidal power
 NT1 wave power
 NT1 wind power
 RT appropriate technology

RT plants
 RT synthetic fuels corporation

renewable resources

INIS: 2000-04-12; ETDE: 1978-12-11

Organic compounds currently produced by photosynthesis or derived from products of photosynthesis that are utilized by man in the form of plant or animal products.

(Prior to May 1996 this was a valid ETDE descriptor.)

SEE biomass
 SEE materials
 SEE organic compounds
 SEE renewable energy sources
 SEE resources

RENIN

Code numbers 3.4.99.1, 3.4.99.2, and 3.4.99.3.

*BT1 nonspecific peptidases
 RT blood pressure
 RT kidneys

RENOGRAPHY

1980-05-14

*BT1 biomedical radiography
 RT kidneys
 RT renal clearance
 RT tracer techniques

RENORMALIZATION

NT1 charge renormalization
 NT1 mass renormalization
 RT quantum field theory

RENSSELAER CRITICAL FACILITY

Rensselaer Polytechnic Inst., Troy, New York, USA.

*BT1 zero power reactors

REPAIR

NT1 biological repair
 NT2 dna repair
 NT3 excision repair
 NT2 host-cell reactivation
 NT2 photoreactivation
 RT maintenance
 RT reactor maintenance
 RT reactor operation

repair (biological)

USE biological repair

repair pathways

INIS: 1978-11-24; ETDE: 1978-12-20

USE biological pathways

REPEALS

INIS: 2000-04-12; ETDE: 1981-05-18

RT laws
 RT legal aspects

REPLACEABLE FUEL ASSEMBLIES

2003-10-21

Inner parts of annular fuel elements, which can be replaced while the outer parts continue to be operated.

BT1 fuel assemblies

REPLICA TECHNIQUES

RT ceramography
 RT replicas

REPLICAS

RT crystal models
 RT electron microscopy
 RT replica techniques

REPLICONS

INIS: 2000-04-12; ETDE: 1987-04-24
 Those portions of chromosomes (specific DNA or RNA sequences) where chromosome replication initiates during cell division,
 BT1 genes
 RT cell cycle
 RT cell proliferation

REPORTING REQUIREMENTS

INIS: 1986-04-03; ETDE: 1980-03-29
 Also includes the reports generated as a result of the requirements.
 UF reports required
 UF required reports
 RT administrative procedures
 RT data acquisition
 RT documentation
 RT information needs
 RT regulations

reports required

INIS: 1986-04-04; ETDE: 2002-05-03
 USE reporting requirements

repowering

INIS: 2000-04-12; ETDE: 1980-10-07
 SEE solar repowering

representations (irreducible)

USE irreducible representations

representations (nonunitary)

USE nonunitary representations

repressuring

INIS: 1984-12-04; ETDE: 1976-07-07
 USE pressurization

REPROCESSING

1996-07-18
 (CARBOX PROCESS, DAREX PROCESS, FLUOROX PROCESS, FLUREX PROCESS, HERMEX PROCESS, NEPTX PROCESS, PROMEX PROCESS, RAHYD PROCESS, SULFEX PROCESS, and THERMOX PROCESS have been valid descriptors.)

UF carbox process
 UF darex process
 UF fluorox process
 UF flurex process
 UF fuel reprocessing
 UF hermex process
 UF neptex process
 UF proliferation resistant molten salt/metal extraction
 UF promex process
 UF rahyd process
 UF recycling (nuclear fuel)
 UF sulfex process
 UF thermox process
 SF arco process

BT1 separation processes

NT1 airox process

NT1 amex process

NT1 chloride volatility process

NT1 civex process

NT1 csrex process

NT1 dapex process

NT1 diamex process

NT1 eurex process

NT1 fluoride volatility process

NT1 iodox process

NT1 purex process

NT1 pyrochemical reprocessing

NT1 redox process

NT1 sesame process

NT1 talspeak process

NT1 thorex process

NT1 tramex process

NT1 truex process

NT1 zirflex process

RT closed fuel cycle

RT consolidated fuel reprocessing program

RT decladding

RT denitration

RT eurochemic

RT fuel cycle

RT fuel reprocessing plants

RT head end processes

RT nuclear materials management

RT process control

RT sol-gel process

RT solvent extraction

RT spent fuel elements

RT wackersdorf reprocessing plant

RT wak

RT zone refining

REPRODUCTION

UF parthenogenesis

RT adults

RT animal breeding

RT embryos

RT female genitals

RT fertility

RT fertilization

RT flowers

RT gonads

RT life cycle

RT male genitals

RT mating

RT mutations

RT nests

RT oogenesis

RT ovulation

RT physiology

RT plant breeding

RT pollen

RT population dynamics

RT pregnancy

RT progeny

RT reproductive disorders

RT sex

RT spermatogenesis

RT spores

RT vegetative propagation

RT viability

RT zygotes

REPRODUCTIVE DISORDERS

*BT1 urogenital system diseases

RT abortion

RT castration

RT endocrine diseases

RT fertility

RT menstruation disorders

RT pregnancy

RT reproduction

RT sterility

REPTILES

1997-06-17

*BT1 vertebrates

NT1 alligators

NT1 lizards

NT1 snakes

NT1 turtles

REPUBLIC OF GEORGIA

INIS: 1997-08-20; ETDE: 1993-04-08

(Until January 1993, this was indexed by USSR.)

UF georgia (republic of)

SF soviet union

SF union of soviet socialist republics

SF ussr

BT1 asia

RT black sea

RT caucasus

REPUBLIC OF KOREA

UF korea (south)

UF south korea

BT1 asia

BT1 developing countries

RT oecd

REPUBLIC OF SEYCHELLES

2003-05-20

UF seychelles (republic of)

BT1 africa

BT1 developing countries

republic of zaire

(Prior to September 1997 ZAIRE REPUBLIC was used for this concept in ETDE.)

USE democratic republic of the congo

republikove uloziste radioaktivnych odpadov v mochovcich

2002-12-17

USE mochovce radioactive waste repository

required reports

INIS: 1986-04-03; ETDE: 2002-05-03

USE reporting requirements

RESCATTERING

BT1 scattering

RT nuclear reaction kinetics

RT nuclear reactions

RT strong interactions

RESCUE OPERATIONS

INIS: 2000-04-12; ETDE: 1978-09-11

NT1 mine rescue

RESEARCH AND TEST REACTORS

BT1 reactors

NT1 argonaut type reactors

NT2 aeg-pr-10 reactor

NT2 arbi reactor

NT2 argonaut reactor

NT2 argos reactor

NT2 athene reactor

NT2 jason reactor

NT2 lfr reactor

NT2 moata reactor

NT2 nestor reactor

NT2 queen mary college utr-b reactor

NT2 ra-1 reactor

NT2 rb-2 reactor

NT2 rien-1 reactor

NT2 src-utr-100 reactor

NT2 stark reactor

NT2 strasbourg-cronenbourg reactor

NT2 ufr reactor

NT2 ulyse reactor

NT2 urr reactor

NT2 utr-10-kinki reactor

NT2 vpi-utr-10 reactor

NT1 experimental reactors

NT2 aps reactor

NT2 arbus reactor

NT2 atrc reactor

NT2 bilibin reactor

NT2 bor-60 reactor

NT2 borax-1 reactor

NT2 borax-2 reactor

NT2 borax-3 reactor

NT2 borax-4 reactor

NT2 brest-od-300 reactor

NT2 cefr reactor

NT2 cesar reactor

NT2 dfr reactor

NT2 dragon reactor

NT2 ebr-1 reactor

NT2 ebr-2 reactor

NT2	ebwr reactor	NT3	cfmrf reactor	NT3	zlfr reactor
NT2	egcr reactor	NT3	cml reactor	NT3	zppr reactor
NT2	el-1 reactor	NT3	coral-1 reactor	NT3	zpr-3 reactor
NT2	eocr reactor	NT3	crocus reactor	NT3	zpr-6 reactor
NT2	esada-vesr reactor	NT3	dca reactor	NT3	zpr-9 reactor
NT2	ewg-1 reactor	NT3	dimple reactor	NT3	zpr reactor
NT2	gcre reactor	NT3	ecel reactor	NT3	zr-6 reactor
NT2	hbwr reactor	NT3	entc lwsr reactor	NT2	zrr reactor
NT2	hdr reactor	NT3	ermine reactor	NT1	kalpakkam pfr reactor
NT2	hre-2 reactor	NT3	etrc reactor	NT1	kamini reactor
NT2	htr-10 reactor	NT3	fca reactor	NT1	maple reactor
NT2	httr reactor	NT3	flattop reactor	NT1	maple type reactors
NT2	igr reactor	NT3	fr-0 reactor	NT1	maria reactor
NT2	ir-100 reactor	NT3	giacint reactor	NT1	nuclear furnace reactor
NT2	joyo reactor	NT3	godiva reactor	NT1	pumima-3 reactor
NT2	jpdrr reactor	NT3	hero reactor	NT1	research reactors
NT2	jules horowitz reactor	NT3	hitrex-1 reactor	NT2	aarr reactor
NT2	kiwi-tnt reactor	NT3	horace reactor	NT2	acpr reactor
NT2	knk-2 reactor	NT3	hwzpr reactor	NT2	aeg-pr-10 reactor
NT2	knk reactor	NT3	iea-zpr reactor	NT2	aerogel-general nucleonics reactors
NT2	lampre-1 reactor	NT3	ifr reactor	NT3	agn 201 costanza
NT2	mh-1a reactor	NT3	ipen-mb-1 reactor	NT3	agn-201k reactor
NT2	mir reactor	NT3	jezebel reactor	NT2	afrr reactor
NT2	msre reactor	NT3	juno reactor	NT2	afsr reactor
NT2	nrx-a1 reactor	NT3	kahler reactor	NT2	agata reactor
NT2	nrx-a2 reactor	NT3	kbr-1 reactor	NT2	ai-l-77 reactor
NT2	nrx-a3 reactor	NT3	kritz reactor	NT2	alrr reactor
NT2	nrx-a4-est reactor	NT3	kuca reactor	NT2	anna reactor
NT2	nrx-a5 reactor	NT3	lptf reactor	NT2	aprf reactor
NT2	nrx-a6 reactor	NT3	lr-0 reactor	NT2	apsara reactor
NT2	nrx-a7 reactor	NT3	lvr-15 reactor	NT2	arbi reactor
NT2	omre reactor	NT3	marius reactor	NT2	argonaut reactor
NT2	opal reactor	NT3	maryla reactor	NT2	argos reactor
NT2	rover reactors	NT3	masurca reactor	NT2	argus reactor
NT2	sefor reactor	NT3	minerve reactor	NT2	armf-1 reactor
NT2	spert-1 reactor	NT3	neptune reactor	NT2	astra reactor
NT2	spert-2 reactor	NT3	nsf-rfp reactor	NT2	athene reactor
NT2	spert-3 reactor	NT3	or-cef reactor	NT2	atpr reactor
NT2	spert-4 reactor	NT3	ornl-pca reactor	NT2	atsr reactor
NT2	sre reactor	NT3	parka reactor	NT2	avogadro rs-1 reactor
NT2	subcritical assemblies	NT3	pdp reactor	NT2	barn reactor
NT3	accelerator-driven subcritical systems	NT3	peggy reactor	NT2	bepo reactor
NT4	accelerator-driven transmutation facilities	NT3	pelinduna reactor	NT2	ber-2 reactor
NT4	brahmha facility	NT3	plasma core assembly	NT2	bgr reactor
NT4	myrrha facility	NT3	prcf reactor	NT2	bigr reactor
NT4	venus reactor	NT3	ptf-unc reactor	NT2	bir reactor
NT4	yalina facility	NT3	pumima-2 reactor	NT2	br-02 reactor
NT3	delphi reactor	NT3	pumima reactor	NT2	br-1 reactor
NT3	entc lwsr reactor	NT3	r-b reactor	NT2	br reactor
NT3	jordan subcritical assembly	NT3	ra-0 reactor	NT2	bsr-1 reactor
NT3	nuclear chicago reactor	NT3	ra-2 reactor	NT2	bsr-2 reactor
NT3	pse reactor	NT3	ra-8 reactor	NT2	byu l-77 reactor
NT3	sm-1 subcritical assembly	NT3	ra-2 reactor	NT2	cabri reactor
NT3	stsf assembly	NT3	ra-8 reactor	NT2	carem 25 reactor
NT3	venus-1 reactor	NT3	ra-2 reactor	NT2	carr reactor
NT2	topaz reactor	NT3	rb-1 reactor	NT2	cesar reactor
NT2	tory-2a reactor	NT3	rb-3 reactor	NT2	cesnef reactor
NT2	tory-2c reactor	NT3	rensselaer critical facility	NT2	cirus reactor
NT2	treat reactor	NT3	ritmo reactor	NT2	clementine reactor
NT2	tz1 reactor	NT3	rospo reactor	NT2	cmrr reactor
NT2	tz2 reactor	NT3	rp-0 reactor	NT2	consort-2 reactor
NT2	uhtrex reactor	NT3	saref reactor	NT2	coral-1 reactor
NT2	venus reactor	NT3	shca reactor	NT2	cp-2 reactor
NT2	vhtr reactor	NT3	silene reactor	NT2	cp-3 reactor
NT2	xe-2 reactor	NT3	silhouette reactor	NT2	cp-3m reactor
NT2	xe-prime reactor	NT3	sm-1 subcritical assembly	NT2	cp-5 reactor
NT2	xma-1 reactor	NT3	sneak reactor	NT2	cp-6 reactor
NT2	zero power reactors	NT3	split table reactor	NT2	crocus reactor
NT3	agata reactor	NT3	sr-0a reactor	NT2	democritus reactor
NT3	agn-201k reactor	NT3	stacy reactor	NT2	dhrva reactor
NT3	akr-1 reactor	NT3	tca reactor	NT2	dido reactor
NT3	anex reactor	NT3	tnrc reactor	NT2	diorit reactor
NT3	anna reactor	NT3	tr-0 reactor	NT2	dmt reactor
NT3	apfa-3 reactor	NT3	tracy reactor	NT2	dow triga-mk-1 reactor
NT3	aquilon reactor	NT3	vera reactor	NT2	dr-1 reactor
NT3	bfs reactor	NT3	wwr-k cf reactor	NT2	dr-2 reactor
NT3	big ten reactor	NT3	zebra reactor	NT2	dr-3 reactor
		NT3	zeep reactor	NT2	ebor reactor
		NT3	zenith reactor	NT2	ebr-1 reactor
		NT3	zephyr reactor		
		NT3	zerlina reactor		

NT2 eco reactor
 NT2 el-1 reactor
 NT2 el-2 reactor
 NT2 el-3 reactor
 NT2 eocr reactor
 NT2 eole reactor
 NT2 es-salam reactor
 NT2 etr reactor
 NT2 etrc reactor
 NT2 etrr-1 reactor
 NT2 etrr-2 reactor
 NT2 ewa reactor
 NT2 f-1 reactor
 NT2 fbrf reactor
 NT2 fftf reactor
 NT2 fir-1 reactor
 NT2 fmr reactor
 NT2 fnr reactor
 NT2 fr-0 reactor
 NT2 fr-2 reactor
 NT2 frf reactor
 NT2 frg-1 reactor
 NT2 frg-2 reactor
 NT2 frj-1 reactor
 NT2 frj-2 reactor
 NT2 frm-ii reactor
 NT2 frm reactor
 NT2 frn reactor
 NT2 ga siwabessy reactor
 NT2 giacint reactor
 NT2 gidra reactor
 NT2 gleep reactor
 NT2 grenoble reactor
 NT2 gtr reactor
 NT2 gulf triga-mk-3 reactor
 NT2 hanaro reactor
 NT2 harmonie reactor
 NT2 hector reactor
 NT2 herald reactor
 NT2 hero reactor
 NT2 hew-305 reactor
 NT2 hfb reactor
 NT2 hfir reactor
 NT2 hfr reactor
 NT2 hifar reactor
 NT2 hor reactor
 NT2 horace reactor
 NT2 hpr reactor
 NT2 hre-2 reactor
 NT2 htlr reactor
 NT2 htr reactor
 NT2 hwrr reactor
 NT2 ian-r1 reactor
 NT2 ibr-2 reactor
 NT2 ibr-30 reactor
 NT2 iea-zpr reactor
 NT2 iear-1 reactor
 NT2 ihni-1 reactor
 NT2 ill high flux reactor
 NT2 irl reactor
 NT2 irr-1 reactor
 NT2 irr-2 reactor
 NT2 irt-1 libya reactor
 NT2 irt-2000 djakarta reactor
 NT2 irt-2000 moscow reactor
 NT2 irt-baghdad reactor
 NT2 irt-c reactor
 NT2 irt-dprk reactor
 NT2 irt-f reactor
 NT2 irt-m reactor
 NT2 irt reactor
 NT2 irt-sofia reactor
 NT2 isis reactor
 NT2 ispra-1 reactor
 NT2 ivv-2m reactor
 NT2 ivv-7 reactor
 NT2 janus reactor
 NT2 jason reactor
 NT2 jeep-2 reactor

NT2 jen-1 reactor
 NT2 jen-2 reactor
 NT2 jen reactor
 NT2 jmr reactor
 NT2 jrr-1 reactor
 NT2 jrr-2 reactor
 NT2 jrr-3 reactor
 NT2 jrr-3m reactor
 NT2 jrr-4 reactor
 NT2 jrtr reactor
 NT2 juno reactor
 NT2 kartini-ppny reactor
 NT2 king reactor
 NT2 kstr reactor
 NT2 kuhfr reactor
 NT2 kur reactor
 NT2 la reina rech-1 reactor
 NT2 lfr reactor
 NT2 lido reactor
 NT2 lo aguirre rech-2 reactor
 NT2 lpr reactor
 NT2 lptr reactor
 NT2 ltir reactor
 NT2 lvr-15 reactor
 NT2 marius reactor
 NT2 maryla reactor
 NT2 melusine-1 reactor
 NT2 merlin reactor
 NT2 minerve reactor
 NT2 mitr reactor
 NT2 mn reactor
 NT2 mnsr type reactors
 NT3 entc mnsr reactor
 NT3 gharr-1 reactor
 NT3 mnsr-ciae reactor
 NT3 mnsr-sd reactor
 NT3 mnsr-sh reactor
 NT3 mnsr-sz reactor
 NT3 nirr-1 reactor
 NT3 parr-2 reactor
 NT3 srr-1 reactor
 NT2 moata reactor
 NT2 mr reactor
 NT2 mrr reactor
 NT2 murr reactor
 NT2 myrrha facility
 NT2 nbsr reactor
 NT2 ncscr-1 reactor
 NT2 nestor reactor
 NT2 nhr-5 reactor
 NT2 nora reactor
 NT2 nru reactor
 NT2 nrx reactor
 NT2 nsrr reactor
 NT2 ntr reactor
 NT2 nur reactor
 NT2 orphee reactor
 NT2 osiris reactor
 NT2 owr reactor
 NT2 parr-1 reactor
 NT2 pat reactor
 NT2 pbr reactor
 NT2 pctr reactor
 NT2 pheb reactor
 NT2 pik physical model reactor
 NT2 pik reactor
 NT2 pmc-l-77 reactor
 NT2 proteus reactor
 NT2 prtr reactor
 NT2 psbr reactor
 NT2 ptr reactor
 NT2 pulstar-buffalo reactor
 NT2 pulstar-raleigh reactor
 NT2 r-1 reactor
 NT2 r-2 reactor
 NT2 r-a reactor
 NT2 r2-0 reactor
 NT2 ra-0 reactor
 NT2 ra-10 reactor

NT2 ra-2 reactor
 NT2 ra-3 reactor
 NT2 ra-4 reactor
 NT2 ra-5 reactor
 NT2 ra-6 reactor
 NT2 ra-8 reactor
 NT2 rake-2 reactor
 NT2 rana reactor
 NT2 rb-1 reactor
 NT2 rg-1m reactor
 NT2 rien-1 reactor
 NT2 rinsc reactor
 NT2 ritmo reactor
 NT2 rmb reactor
 NT2 romashka reactor
 NT2 rp-10 reactor
 NT2 rpt reactor
 NT2 rts-1 reactor
 NT2 rv-1 reactor
 NT2 safari-1 reactor
 NT2 saphir reactor
 NT2 sbr-1 reactor
 NT2 sbr-2 reactor
 NT2 sbr-5 reactor
 NT2 scarabee reactor
 NT2 silene reactor
 NT2 slowpoke type reactors
 NT3 slowpoke-alberta reactor
 NT3 slowpoke-dalhousie reactor
 NT3 slowpoke-mona reactor
 NT3 slowpoke-montreal reactor
 NT3 slowpoke-ottawa reactor
 NT3 slowpoke rmc reactor
 NT3 slowpoke src reactor
 NT3 slowpoke-toronto reactor
 NT3 slowpoke-wmre reactor
 NT2 sm-1 subcritical assembly
 NT2 sneak reactor
 NT2 sora reactor
 NT2 spert-1 reactor
 NT2 spr-2 reactor
 NT2 spr-3 reactor
 NT2 spr-4 reactor
 NT2 spr iae reactor
 NT2 spr-300 reactor
 NT2 sr-1 reactor
 NT2 sr-0a reactor
 NT2 srcc-utr-100 reactor
 NT2 stf reactor
 NT2 supo reactor
 NT2 swierk r-2 reactor
 NT2 taiwan research reactor
 NT2 tapiro reactor
 NT2 tca reactor
 NT2 thetis reactor
 NT2 thor reactor
 NT2 tibr reactor
 NT2 tory-2a reactor
 NT2 toshiba reactor
 NT2 tr-1 reactor
 NT2 tr-2 reactor
 NT2 triga-1-michigan reactor
 NT2 triton reactor
 NT2 trr-1 reactor
 NT2 tsr-2 reactor
 NT2 uftr reactor
 NT2 uknr reactor
 NT2 umne-1 reactor
 NT2 umrr reactor
 NT2 utr-10-kinki reactor
 NT2 utr reactor
 NT2 uvar reactor
 NT2 vera reactor
 NT2 viper reactor
 NT2 vpi-utr-10 reactor
 NT2 wrr reactor
 NT2 wsur reactor
 NT2 wtr reactor
 NT2 wwr-2 reactor

NT2	wwr-k-almaty reactor	NT2	netr reactor	NT2	moata reactor
NT2	wwr-k cf reactor	NT2	nru reactor	NT2	murr reactor
NT2	wwr-m-kiev reactor	NT2	ntr reactor	NT2	ncscr-1 reactor
NT2	wwr-m-leningrad reactor	NT2	orhee reactor	NT2	nevada university reactor
NT2	wwr-s-bucharest reactor	NT2	owr reactor	NT2	nscr reactor
NT2	wwr-s-cairo reactor	NT2	pat reactor	NT2	nuclear chicago reactor
NT2	wwr-s-moscow reactor	NT2	pegase reactor	NT2	ostr reactor
NT2	wwr-s-prague reactor	NT2	proteus reactor	NT2	osur reactor
NT2	wwr-s-tashkent reactor	NT2	ra-3 reactor	NT2	prnc-l-77 reactor
NT2	wwr-sm rossendorf reactor	NT2	ra-4 reactor	NT2	psbr reactor
NT2	wwr-z reactor	NT2	ra-5 reactor	NT2	pur-1 reactor
NT2	x-10 reactor	NT2	ra-6 reactor	NT2	queen mary college utr-b reactor
NT2	xapr reactor	NT2	ra-8 reactor	NT2	r-b reactor
NT2	zebra reactor	NT2	rapsodie reactor	NT2	ra-1 reactor
NT2	zeep reactor	NT2	rts-1 reactor	NT2	rien-1 reactor
NT2	zenith reactor	NT2	s1c prototype reactor	NT2	rts-1 reactor
NT2	zerlina reactor	NT2	safari-1 reactor	NT2	rv-1 reactor
NT2	zlfr reactor	NT2	sbr-5 reactor	NT2	sr-3p reactor
NT2	zppr reactor	NT2	snaptran reactors	NT2	src-utr-100 reactor
NT1	super kukla reactor	NT2	stf reactor	NT2	stark reactor
NT1	test reactors	NT2	tapiro reactor	NT2	strasbourg-cronenbourg reactor
NT2	aipfr reactor	NT2	tory-2a reactor	NT2	sur-100 series reactor
NT2	arbus reactor	NT2	tory-2c reactor	NT2	thetis reactor
NT2	astr reactor	NT2	treat reactor	NT2	thor reactor
NT2	astra reactor	NT2	triga-1-michigan reactor	NT2	toshiba reactor
NT2	atpr reactor	NT2	triga-2-pavia reactor	NT2	tr-1 reactor
NT2	atr reactor	NT2	tsr-1 reactor	NT2	trico ii reactor
NT2	bam reactor	NT2	tsr-2 reactor	NT2	trico reactor
NT2	bawtr reactor	NT2	urr reactor	NT2	triga-1-michigan reactor
NT2	bgr reactor	NT2	uvar reactor	NT2	triga-2-pavia reactor
NT2	borax-5 reactor	NT2	viper reactor	NT2	trr-1 reactor
NT2	br-02 reactor	NT2	wr-1 reactor	NT2	ucbrr reactor
NT2	brr reactor	NT2	wtr reactor	NT2	ufr reactor
NT2	cesnef reactor	NT1	training reactors	NT2	ulyse reactor
NT2	cirus reactor	NT2	aerojet-general nucleonics reactors	NT2	umne-1 reactor
NT2	cp-5 reactor	NT3	agn 201 costanza	NT2	umrr reactor
NT2	dhruva reactor	NT3	agn-201k reactor	NT2	urr reactor
NT2	dimple reactor	NT2	afri reactor	NT2	utr-10-kinki reactor
NT2	diorit reactor	NT2	ai-l-77 reactor	NT2	uvar reactor
NT2	ebor reactor	NT2	akr-1 reactor	NT2	uwnr reactor
NT2	ebr-1 reactor	NT2	apsara reactor	NT2	uwtr reactor
NT2	eco reactor	NT2	arbi reactor	NT2	vpi-utr-10 reactor
NT2	eocr reactor	NT2	argonaut reactor	NT2	vr-1 reactor
NT2	esada-vesr reactor	NT2	argos reactor	NT2	wntr reactor
NT2	essor reactor	NT2	athene reactor	NT2	wpir reactor
NT2	etr reactor	NT2	atpr reactor	NT2	wwr-s-budapest reactor
NT2	etrc reactor	NT2	bgr reactor	NT2	x-10 reactor
NT2	fftf reactor	NT2	budapest training reactor	NT2	zlfr reactor
NT2	fir-1 reactor	NT2	byu l-77 reactor	NT2	zpr reactor
NT2	fmr reactor	NT2	cesnef reactor	NT1	triga type reactors
NT2	fnr reactor	NT2	cirus reactor	NT2	afri reactor
NT2	fr-2 reactor	NT2	colorado triga-mk-3 reactor	NT2	atpr reactor
NT2	frctf reactor	NT2	consort-2 reactor	NT2	colorado triga-mk-3 reactor
NT2	frg-1 reactor	NT2	cornell triga-mk-2 reactor	NT2	cornell triga-mk-2 reactor
NT2	frn reactor	NT2	dow triga-mk-1 reactor	NT2	dow triga-mk-1 reactor
NT2	getr reactor	NT2	dr-1 reactor	NT2	fir-1 reactor
NT2	grenoble reactor	NT2	entc lwsr reactor	NT2	frf-2 reactor
NT2	gtr reactor	NT2	es-salam reactor	NT2	frn reactor
NT2	gtr reactor	NT2	fir-1 reactor	NT2	gulf triga-mk-3 reactor
NT2	hanaro reactor	NT2	fnr reactor	NT2	itu-trr reactor
NT2	harmonie reactor	NT2	fr-0 reactor	NT2	kartini-ppny reactor
NT2	herald reactor	NT2	frf reactor	NT2	lopra reactor
NT2	hero reactor	NT2	frg-1 reactor	NT2	ma-r1 reactor
NT2	hew-305 reactor	NT2	gleep reactor	NT2	nscr reactor
NT2	hfir reactor	NT2	gtr reactor	NT2	ostr reactor
NT2	hifar reactor	NT2	gulf triga-mk-3 reactor	NT2	prpr reactor
NT2	hre-2 reactor	NT2	hor reactor	NT2	psbr reactor
NT2	htlr reactor	NT2	htr reactor	NT2	rtp reactor
NT2	htr-10 reactor	NT2	ian-r1 reactor	NT2	trico ii reactor
NT2	irl reactor	NT2	ill high flux reactor	NT2	trico reactor
NT2	irr-1 reactor	NT2	iowa utr-10 reactor	NT2	triga-1-arizona reactor
NT2	irt-2000 jakarta reactor	NT2	ir-100 reactor	NT2	triga-1-california reactor
NT2	irt-2000 moscow reactor	NT2	jason reactor	NT2	triga-1-hanford reactor
NT2	irt-baghdad reactor	NT2	jrr-1 reactor	NT2	triga-1-hanover reactor
NT2	ispra-1 reactor	NT2	kur reactor	NT2	triga-1-heidelberg reactor
NT2	jmr reactor	NT2	lfr reactor	NT2	triga-1-michigan reactor
NT2	kalpakkam lmfr reactor	NT2	melusine-1 reactor	NT2	triga-2-bandung reactor
NT2	loft reactor	NT2	merlin reactor	NT2	triga-2-bangladesh reactor
NT2	mzfr reactor	NT2	mitr reactor	NT2	triga-2-dalat reactor

NT2 triga-2-illinois reactor
 NT2 triga-2-kansas reactor
 NT2 triga-2-ljubljana reactor
 NT2 triga-2-mainz reactor
 NT2 triga-2-musashi reactor
 NT2 triga-2-pavia reactor
 NT2 triga-2-pitesti reactor
 NT2 triga-2-pitesti-ss-core reactor
 NT2 triga-2 reactor
 NT2 triga-2-rikkyo reactor
 NT2 triga-2-rome reactor
 NT2 triga-2-seoul reactor
 NT2 triga-2-vienna reactor
 NT2 triga-3-la jolla reactor
 NT2 triga-3-munich reactor
 NT2 triga-3-salazar reactor
 NT2 triga-3-seoul reactor
 NT2 triga-brazil reactor
 NT2 triga-texas reactor
 NT2 triga-veterans reactor
 NT2 ucbr reactor
 NT2 uwnr reactor
 NT2 wsur reactor
 NT1 yayoi reactor

research center nuclear physics cyclotron

INIS: 1993-11-09; ETDE: 2002-05-03
 Research Center for Nuclear Physics, Osaka
 University.
 USE rcnp cyclotron

research establishment risoe

INIS: 1977-03-14; ETDE: 2002-05-03
 USE risoe research establishment

research licenses

INIS: 1990-12-15; ETDE: 1996-02-09
 (Prior to December 1990, this was a valid
 descriptor.)
 USE licenses

RESEARCH PROGRAMS

To be used jointly with descriptor(s) for
 subject field and/or organization concerned.

UF energy research advisory board
 NT1 coordinated research programs
 NT2 consolidated fuel reprocessing
 program
 NT2 ifip
 RT demonstration programs
 RT experiment planning
 RT historical aspects
 RT information needs
 RT laboratories
 RT planning
 RT program management
 RT recommendations
 RT reviews
 RT us napap
 RT us national program plans

RESEARCH REACTORS

1996-01-24
 UF la reina reactor
 SF berkeley nuclear laboratory reactor
 SF bnl reactor
 *BT1 research and test reactors
 NT1 aarr reactor
 NT1 acpr reactor
 NT1 aeg-pr-10 reactor
 NT1 arojet-general nucleonics reactors
 NT2 agn 201 costanza
 NT2 agn-201k reactor
 NT1 afri reactor
 NT1 afsr reactor
 NT1 agata reactor
 NT1 ai-l-77 reactor
 NT1 alrr reactor
 NT1 anna reactor

NT1 aprf reactor
 NT1 apsara reactor
 NT1 arbi reactor
 NT1 argonaut reactor
 NT1 argos reactor
 NT1 argus reactor
 NT1 armf-1 reactor
 NT1 astra reactor
 NT1 athene reactor
 NT1 atpr reactor
 NT1 atsr reactor
 NT1 avogadro rs-1 reactor
 NT1 bam reactor
 NT1 bepo reactor
 NT1 ber-2 reactor
 NT1 bgrr reactor
 NT1 bigr reactor
 NT1 bir reactor
 NT1 br-02 reactor
 NT1 br-1 reactor
 NT1 brr reactor
 NT1 bsr-1 reactor
 NT1 bsr-2 reactor
 NT1 byu l-77 reactor
 NT1 cabri reactor
 NT1 carem 25 reactor
 NT1 carr reactor
 NT1 cesar reactor
 NT1 cesnef reactor
 NT1 cirus reactor
 NT1 clementine reactor
 NT1 cmrr reactor
 NT1 consort-2 reactor
 NT1 coral-1 reactor
 NT1 cp-2 reactor
 NT1 cp-3 reactor
 NT1 cp-3m reactor
 NT1 cp-5 reactor
 NT1 cp-6 reactor
 NT1 crocus reactor
 NT1 democritus reactor
 NT1 dhruva reactor
 NT1 dido reactor
 NT1 diorit reactor
 NT1 dmtr reactor
 NT1 dow triga-mk-1 reactor
 NT1 dr-1 reactor
 NT1 dr-2 reactor
 NT1 dr-3 reactor
 NT1 ebor reactor
 NT1 ebr-1 reactor
 NT1 eco reactor
 NT1 el-1 reactor
 NT1 el-2 reactor
 NT1 el-3 reactor
 NT1 eocr reactor
 NT1 eole reactor
 NT1 es-salam reactor
 NT1 etr reactor
 NT1 etrc reactor
 NT1 etrr-1 reactor
 NT1 etrr-2 reactor
 NT1 ewa reactor
 NT1 f-1 reactor
 NT1 fbrf reactor
 NT1 fffr reactor
 NT1 fir-1 reactor
 NT1 fmr reactor
 NT1 fnr reactor
 NT1 fr-0 reactor
 NT1 fr-2 reactor
 NT1 frf reactor
 NT1 frg-1 reactor
 NT1 frg-2 reactor
 NT1 frj-1 reactor
 NT1 frj-2 reactor
 NT1 frm-ii reactor
 NT1 frm reactor
 NT1 frn reactor

NT1 ga siwabessy reactor
 NT1 giacint reactor
 NT1 gidra reactor
 NT1 gleep reactor
 NT1 grenoble reactor
 NT1 gtr reactor
 NT1 gulf triga-mk-3 reactor
 NT1 hanaro reactor
 NT1 harmonie reactor
 NT1 hector reactor
 NT1 herald reactor
 NT1 hero reactor
 NT1 hew-305 reactor
 NT1 hfbr reactor
 NT1 hfir reactor
 NT1 hfr reactor
 NT1 hifar reactor
 NT1 hor reactor
 NT1 horace reactor
 NT1 hprr reactor
 NT1 hre-2 reactor
 NT1 htlr reactor
 NT1 htr reactor
 NT1 hwrr reactor
 NT1 ian-r1 reactor
 NT1 ibr-2 reactor
 NT1 ibr-30 reactor
 NT1 iea-zpr reactor
 NT1 iear-1 reactor
 NT1 ihni-1 reactor
 NT1 ill high flux reactor
 NT1 irl reactor
 NT1 irr-1 reactor
 NT1 irr-2 reactor
 NT1 irt-1 libya reactor
 NT1 irt-2000 djakarta reactor
 NT1 irt-2000 moscow reactor
 NT1 irt-baghdad reactor
 NT1 irt-c reactor
 NT1 irt-dprk reactor
 NT1 irt-f reactor
 NT1 irt-m reactor
 NT1 irt reactor
 NT1 irt-sofia reactor
 NT1 isis reactor
 NT1 ispra-1 reactor
 NT1 ivv-2m reactor
 NT1 ivv-7 reactor
 NT1 janus reactor
 NT1 jason reactor
 NT1 jeep-2 reactor
 NT1 jen-1 reactor
 NT1 jen-2 reactor
 NT1 jen reactor
 NT1 jmtr reactor
 NT1 jrr-1 reactor
 NT1 jrr-2 reactor
 NT1 jrr-3 reactor
 NT1 jrr-3m reactor
 NT1 jrr-4 reactor
 NT1 jrtr reactor
 NT1 juno reactor
 NT1 kartini-ppny reactor
 NT1 king reactor
 NT1 kstr reactor
 NT1 kuhfr reactor
 NT1 kur reactor
 NT1 la reina rech-1 reactor
 NT1 lfr reactor
 NT1 lido reactor
 NT1 lo aguirre rech-2 reactor
 NT1 lpr reactor
 NT1 lptr reactor
 NT1 ltir reactor
 NT1 lvr-15 reactor
 NT1 marius reactor
 NT1 maryla reactor
 NT1 melusine-1 reactor
 NT1 merlin reactor

NT1 minerve reactor
 NT1 mitr reactor
 NT1 mnrc reactor
 NT1 mnsr type reactors
 NT2 entc mnsr reactor
 NT2 gharr-1 reactor
 NT2 mnsr-ciae reactor
 NT2 mnsr-sd reactor
 NT2 mnsr-sh reactor
 NT2 mnsr-sz reactor
 NT2 nrr-1 reactor
 NT2 parr-2 reactor
 NT2 srr-1 reactor
 NT1 moata reactor
 NT1 mr reactor
 NT1 mrr reactor
 NT1 murr reactor
 NT1 myrrha facility
 NT1 nbsr reactor
 NT1 ncscr-1 reactor
 NT1 nestor reactor
 NT1 nhr-5 reactor
 NT1 nora reactor
 NT1 nru reactor
 NT1 nrx reactor
 NT1 nsrr reactor
 NT1 ntr reactor
 NT1 nur reactor
 NT1 orphee reactor
 NT1 osiris reactor
 NT1 ovr reactor
 NT1 parr-1 reactor
 NT1 pat reactor
 NT1 pbr reactor
 NT1 pctr reactor
 NT1 phebue reactor
 NT1 pik physical model reactor
 NT1 pik reactor
 NT1 prnc-l-77 reactor
 NT1 proteus reactor
 NT1 prtr reactor
 NT1 psbr reactor
 NT1 ptr reactor
 NT1 pulstar-buffalo reactor
 NT1 pulstar-raleigh reactor
 NT1 r-1 reactor
 NT1 r-2 reactor
 NT1 r-a reactor
 NT1 r2-0 reactor
 NT1 ra-0 reactor
 NT1 ra-10 reactor
 NT1 ra-2 reactor
 NT1 ra-3 reactor
 NT1 ra-4 reactor
 NT1 ra-5 reactor
 NT1 ra-6 reactor
 NT1 ra-8 reactor
 NT1 rake-2 reactor
 NT1 rana reactor
 NT1 rb-1 reactor
 NT1 rg-1m reactor
 NT1 rien-1 reactor
 NT1 rinsc reactor
 NT1 ritmo reactor
 NT1 rmb reactor
 NT1 romashka reactor
 NT1 rp-10 reactor
 NT1 rpt reactor
 NT1 rts-1 reactor
 NT1 rv-1 reactor
 NT1 safari-1 reactor
 NT1 saphir reactor
 NT1 sbr-1 reactor
 NT1 sbr-2 reactor
 NT1 sbr-5 reactor
 NT1 scarabee reactor
 NT1 silene reactor
 NT1 slowpoke type reactors
 NT2 slowpoke-alberta reactor

NT2 slowpoke-dalhousie reactor
 NT2 slowpoke-mona reactor
 NT2 slowpoke-montreal reactor
 NT2 slowpoke-ottawa reactor
 NT2 slowpoke rmc reactor
 NT2 slowpoke src reactor
 NT2 slowpoke-toronto reactor
 NT2 slowpoke-wmre reactor
 NT1 sm-1 subcritical assembly
 NT1 sneak reactor
 NT1 sora reactor
 NT1 spert-1 reactor
 NT1 spr-2 reactor
 NT1 spr-3 reactor
 NT1 spr-4 reactor
 NT1 spr iae reactor
 NT1 sprr-300 reactor
 NT1 sr-1 reactor
 NT1 sr-0a reactor
 NT1 srcc-utr-100 reactor
 NT1 stf reactor
 NT1 supo reactor
 NT1 swierk r-2 reactor
 NT1 taiwan research reactor
 NT1 tapiro reactor
 NT1 tca reactor
 NT1 thetis reactor
 NT1 thor reactor
 NT1 tibr reactor
 NT1 tory-2a reactor
 NT1 toshiba reactor
 NT1 tr-1 reactor
 NT1 tr-2 reactor
 NT1 triga-1-michigan reactor
 NT1 triton reactor
 NT1 trr-1 reactor
 NT1 tsr-2 reactor
 NT1 ufr reactor
 NT1 uknr reactor
 NT1 umne-1 reactor
 NT1 umrr reactor
 NT1 utr-10-kinki reactor
 NT1 utr reactor
 NT1 uvar reactor
 NT1 vera reactor
 NT1 viper reactor
 NT1 vpi-utr-10 reactor
 NT1 wrrr reactor
 NT1 wsur reactor
 NT1 wtr reactor
 NT1 wwr-2 reactor
 NT1 wwr-k-almaty reactor
 NT1 wwr-k cf reactor
 NT1 wwr-m-kiev reactor
 NT1 wwr-m-leningrad reactor
 NT1 wwr-s-bucharest reactor
 NT1 wwr-s-cairo reactor
 NT1 wwr-s-moscow reactor
 NT1 wwr-s-prague reactor
 NT1 wwr-s-tashkent reactor
 NT1 wwr-sm rossendorf reactor
 NT1 wwr-z reactor
 NT1 x-10 reactor
 NT1 xapr reactor
 NT1 zebra reactor
 NT1 zeep reactor
 NT1 zenith reactor
 NT1 zerlina reactor
 NT1 zlfr reactor
 NT1 zppr reactor

RESELLERS

INIS: 1992-04-03; ETDE: 1979-09-28

UF wholesale buyers
 UF wholesale sellers
 UF wholesalers
 BT1 marketers
 RT commercial sector
 RT competition

RT economics
 RT industry
 RT market

RESERPINE

*BT1 alkaloids
 *BT1 antihypertensive agents
 *BT1 hypnotics and sedatives
 *BT1 indoles
 *BT1 sympatholytics
 *BT1 tranquilizers

reserve capacity

INIS: 1982-12-03; ETDE: 1977-06-02
USE capacity

RESERVES

1995-04-06

Available and economically recoverable natural resources.

UF fossil fuel reserves
 UF ore reserves
 BT1 resources
 NT1 coal reserves
 NT1 strategic petroleum reserve
 NT1 thorium reserves
 NT1 uranium reserves
 NT1 us naval oil shale reserves
 NT1 us naval petroleum reserves
 RT natural gas deposits
 RT oil sand deposits
 RT oil shale deposits
 RT petroleum deposits
 RT resource assessment
 RT resource exploitation
 RT stockpiles

RESERVOIR ENGINEERING

INIS: 1992-05-21; ETDE: 1977-03-04

BT1 engineering
 RT reservoir rock
 RT water reservoirs

RESERVOIR FLUIDS

INIS: 1992-04-08; ETDE: 1979-03-27

BT1 fluids
 RT drawdown
 RT interstitial water
 RT natural gas fields
 RT oil fields

reservoir gas saturation

INIS: 2000-01-05; ETDE: 1977-06-02
USE gas saturation

RESERVOIR PRESSURE

INIS: 2000-01-24; ETDE: 1978-09-11

UF datum pressure
 UF formation pressure
 UF initial reservoir pressure
 UF sand pressure
 UF shutin pressure
 UF static reservoir pressure
 NT1 well pressure
 RT aquifers
 RT geologic formations
 RT geopressured systems
 RT ground water

RESERVOIR ROCK

INIS: 1992-01-20; ETDE: 1976-03-11

Porous and permeable rock containing producible oil, gas, or geothermal fluid in its pore spaces.

RT carbonate rocks
 RT formation damage
 RT fractured reservoirs
 RT gas saturation
 RT heterogeneous effects
 RT interstitial water
 RT natural gas fields

RT oil fields
 RT oil saturation
 RT plugging
 RT plugging agents
 RT reservoir engineering
 RT rocks
 RT sand
 RT source rocks
 RT water influx
 RT water saturation

RESERVOIR TEMPERATURE

INIS: 1992-07-21; ETDE: 1978-12-11
 NT1 well temperature
 RT temperature measurement

reservoirs (water)

USE water reservoirs

resid

INIS: 1992-04-02; ETDE: 1976-01-23
 USE petroleum residues

RESIDENCE HALF-TIME

1982-12-08
 UF residence time distribution
 RT earth atmosphere
 RT fallout
 RT half-life
 RT radioactivity

residence time distribution

2005-05-20
 USE distribution functions
 USE residence half-time

residences

2000-04-12
 USE houses

RESIDENTIAL BUILDINGS

INIS: 1992-03-04; ETDE: 1978-04-06
 UF dormitories
 BT1 buildings
 NT1 apartment buildings
 NT1 houses
 NT1 mobile homes
 RT hotels
 RT households
 RT toilets

RESIDENTIAL SECTOR

INIS: 1993-03-24; ETDE: 1976-04-19
 SF end use sector
 RT commercial sector
 RT communities
 RT households
 RT human populations
 RT mobile homes
 RT rural areas
 RT sectoral analysis
 RT service sector
 RT urban areas

residual fuel oil

INIS: 1992-05-21; ETDE: 1976-01-23
 USE residual fuels

RESIDUAL FUELS

INIS: 1992-05-21; ETDE: 1976-01-23
 UF bunker oils
 UF heavy fuels
 UF nos. 4, 5, and 6 fuel oils
 UF nos. 5 and 6 burner oils
 UF residual fuel oil
 UF residuums
 *BT1 fuel oils
 RT petroleum residues
 RT rose process

residual heat removal

2000-04-12
 USE rhr systems

residual-heat removal

INIS: 1975-12-19; ETDE: 2002-05-03
 USE after-heat removal

RESIDUAL INTERACTIONS

BT1 interactions

residual oils

INIS: 1992-04-02; ETDE: 1977-10-20
 USE petroleum residues

RESIDUAL PETROLEUM

INIS: 1992-10-01; ETDE: 1976-07-07
Liquid petroleum remaining in the formation at the end of a specified production process.
 *BT1 petroleum

RESIDUAL POWER

ETDE: 1975-09-11
Radiation power released by decaying fission products in irradiated nuclear fuel after irradiation has ceased, e.g., after reactor shutdown.
 *BT1 nuclear power
 RT after-heat
 RT reactor shutdown

RESIDUAL STRESSES

BT1 stresses

RESIDUES

NT1 ashes
 NT2 fly ash
 NT1 gangue
 NT1 smokes
 NT2 tobacco smokes
 RT wastes

residues (mathematical)

USE integral calculus
 USE singularity

residues (radioactive)

USE radioactive wastes

residuums

INIS: 1992-05-21; ETDE: 1976-01-23
 USE residual fuels

RESINITE

INIS: 1997-06-19; ETDE: 1996-03-29
 BT1 macerals

RESINS

*BT1 organic polymers
 *BT1 petrochemicals
 RT araldite
 RT bakelite
 RT desiccants
 RT epoxides
 RT ion exchange chromatography
 RT ion exchange materials
 RT matrix materials

resist

INIS: 2000-04-12; ETDE: 1980-03-29
 SEE masking

resistal

2000-04-12
 USE copper base alloys

resistance heating

INIS: 2000-04-12; ETDE: 1977-04-14
 (Prior to March 1997 this was a valid ETDE descriptor.)
 USE electric heating

RESISTANCE WELDING

1996-07-23
 (Prior to March 1997 PROJECTION WELDING was a valid ETDE descriptor.)
 UF projection welding
 *BT1 welding
 NT1 flash welding

resistivity (electric)

USE electric conductivity

RESISTIVITY LOGGING

INIS: 2000-06-27; ETDE: 1976-06-07
 UF focussed logging
 UF guard logging
 UF laterologging
 *BT1 electric logging
 RT electrical surveys
 RT induction logging

RESISTIVITY SURVEYS

INIS: 1999-03-03; ETDE: 1980-03-04
Surveys of ground resistivity.
 (Until March 1999 this concept was indexed by ELECTRICAL SURVEYS.)
 *BT1 electrical surveys

RESISTORS

1996-07-08
 (Prior to August 1996 RHEOSTATS was a valid ETDE descriptor.)
 UF potentiometers (variable resistors)
 UF rheostats
 *BT1 electrical equipment
 NT1 photoresistors
 NT1 semiconductor resistors
 RT conductor devices
 RT potentiometers
 RT thermistors
 RT voltage drop

RESOLUTION

NT1 energy resolution
 NT1 linear momentum resolution
 NT1 mass resolution
 NT1 spatial resolution
 NT1 time resolution
 RT accuracy
 RT comparative evaluations
 RT electron microscopy
 RT errors
 RT particle discrimination
 RT performance
 RT sensitivity
 RT signal-to-noise ratio

RESONANCE

UF analog resonances (isobaric)
 NT1 cyclotron resonance
 NT2 azbel-kaner resonance
 NT2 electron cyclotron-resonance
 NT2 ion cyclotron-resonance
 NT1 electric resonance
 NT2 paraelectric resonance
 NT1 fermi resonance
 NT1 giant resonance
 NT1 helicon resonance
 NT1 hybrid resonance
 NT1 intermediate resonance
 NT1 level mixing resonance
 NT1 magnetic resonance
 NT2 eldor
 NT2 electron spin resonance
 NT3 acoustic esr
 NT2 endor
 NT2 ferrimagnetic resonance
 NT2 ferromagnetic resonance
 NT2 nuclear magnetic resonance
 NT3 acoustic nmr
 NT3 td-nmr
 NT1 nuclear quadrupole resonance

RT bump-in-tail instability
 RT giant resonance model
 RT harmonics
 RT mode conversion
 RT multilevel analysis
 RT reich-moore formula
 RT resonance fluorecence
 RT resonance integrals
 RT resonance particles
 RT resonance scattering
 RT resonators
 RT synchronization
 RT tuning

RESONANCE ABSORPTION

*BT1 absorption

resonance cavities

USE cavity resonators

RESONANCE ESCAPE

PROBABILITY

RT dancoff correction
 RT multiplication factors

RESONANCE FLUORESCENCE

INIS: 1980-07-24; ETDE: 1980-08-12

*BT1 fluorescence
 RT moessbauer effect
 RT resonance
 RT resonance scattering

RESONANCE INTEGRALS

BT1 integrals
 RT resonance

RESONANCE IONIZATION MASS SPECTROSCOPY

INIS: 1986-03-04; ETDE: 1985-04-24

SF rims
 *BT1 mass spectroscopy
 RT icp mass spectroscopy

RESONANCE NEUTRONS

1996-01-24

*BT1 neutrons
 RT fission ratio
 RT intermediate neutrons
 RT intermediate reactors

RESONANCE PARTICLES

*BT1 hadrons
 NT1 exotic resonances
 RT dalitz plot
 RT deck effect
 RT prism plot
 RT resonance

RESONANCE SCATTERING

*BT1 inelastic scattering
 RT acoustic esr
 RT acoustic nmr
 RT deep inelastic scattering
 RT resonance
 RT resonance fluorecence

resonance states

USE energy levels

resonance test reactor savannah

USE rtr reactor

RESONANT-IONIZATION LASER ION SOURCES

2018-02-26

UF rilis
 *BT1 laser ion sources

RESONATING-GROUP METHOD

*BT1 variational methods
 RT nuclear reaction kinetics
 RT nucleon-nucleon potential
 RT scattering

RT two-body problem

RESONATORS

INIS: 1999-07-05; ETDE: 1979-02-27

*BT1 electronic equipment
 NT1 cavity resonators
 NT2 superconducting cavity resonators
 NT1 split-ring resonators
 RT microwave equipment
 RT oscillators
 RT pulse techniques
 RT resonance
 RT rf systems

resorcin

USE resorcinol

RESORCINOL

UF 1,3-dihydroxybenzene
 UF dihydroxybenzene-meta
 UF resorcin
 BT1 developers
 *BT1 polyphenols

RESOURCE ASSESSMENT

INIS: 1993-02-18; ETDE: 1977-11-09

Techniques to determine resource potential.

RT energy source development
 RT probabilistic estimation
 RT rangelands
 RT reserves

RESOURCE CONSERVATION

INIS: 1982-12-03; ETDE: 1975-09-11

UF conservation (resource)
 UF conservation (resources)
 NT1 soil conservation
 RT energy conservation
 RT environmental protection
 RT interchangeability
 RT life cycle assessment
 RT recycling
 RT resource depletion
 RT resource recovery acts
 RT resources

RESOURCE DEPLETION

INIS: 1995-04-06; ETDE: 1977-07-23

RT resource conservation
 RT resource exploitation
 RT resources
 RT severance tax
 RT sustainable development
 RT us depletion allowances

RESOURCE DEVELOPMENT

INIS: 1992-03-12; ETDE: 1978-12-11

NT1 sustainable development
 RT economic development
 RT energy source development
 RT resources

RESOURCE EXPLOITATION

INIS: 1995-04-07; ETDE: 1995-05-09

SF exploitation
 RT leasing
 RT mining
 RT petroleum industry
 RT reserves
 RT resource depletion
 RT sustainable development

RESOURCE MANAGEMENT

INIS: 1992-04-13; ETDE: 1985-06-21

BT1 management
 RT energy management
 RT energy source development
 RT mineral resources
 RT property management
 RT resources
 RT sustainable development

RESOURCE POTENTIAL

INIS: 1993-04-07; ETDE: 1978-06-14

Capability of resources for development.

RT energy source development
 RT exploration
 RT mineral resources
 RT resources

RESOURCE RECOVERY ACTS

1992-06-04

(Prior to February 1992 this was a valid ETDE descriptor.)

UF us resource recovery acts
 BT1 laws
 RT energy conservation
 RT regulations
 RT resource conservation
 RT waste disposal acts

RESOURCE RECOVERY FACILITIES

INIS: 1992-07-09; ETDE: 1979-03-27

UF facilities (resource recovery)
 BT1 energy facilities
 *BT1 waste processing plants
 RT energy recovery
 RT materials recovery
 RT refuse derived fuels

RESOURCES

1978-04-21

The totality of the discovered and undiscovered quantities of a particular mineral or similar commodity.

SF renewable resources
 NT1 cultural resources
 NT1 geothermal resources
 NT1 land resources
 NT1 mineral resources
 NT2 coal deposits
 NT3 coal seams
 NT2 natural gas deposits
 NT3 natural gas fields
 NT4 gas condensate fields
 NT2 oil shale deposits
 NT3 us naval oil shale reserves
 NT2 petroleum deposits
 NT3 gas condensate fields
 NT3 oil fields
 NT4 weyburn field
 NT3 us naval petroleum reserves
 NT2 uranium deposits
 NT3 blizzard deposit
 NT3 erzgebirge deposit
 NT3 jabiluka deposit
 NT3 koongarra deposit
 NT3 nabarlek deposit
 NT3 ranger deposit
 NT3 ranstad deposit
 NT3 roxby downs deposit
 NT3 south alligator deposit
 NT3 yeelirrie deposit

NT1 nature reserves

NT1 reserves

NT2 coal reserves

NT2 strategic petroleum reserve

NT2 thorium reserves

NT2 uranium reserves

NT2 us naval oil shale reserves

NT2 us naval petroleum reserves

NT1 water resources

RT raw materials

RT resource conservation

RT resource depletion

RT resource development

RT resource management

RT resource potential

RESOX PROCESS

INIS: 2000-04-12; ETDE: 1977-04-12
 Proprietary process developed by Foster Wheeler using anthracite coal as catalyst and reducing agent to convert 90% of inlet sulfur dioxide to elemental sulfur.

*BT1 desulfurization
 RT materials recovery
 RT sulfur
 RT waste processing

respirable dusts

INIS: 2000-04-12; ETDE: 1977-06-24
 USE dusts

RESPIRATION

UF breathing
 RT air
 RT anoxia
 RT blood
 RT breath
 RT capillaries
 RT carboxyhemoglobin
 RT diaphragm
 RT hemoglobin
 RT inhalation
 RT krebs cycle
 RT lungs
 RT metabolism
 RT methemoglobin
 RT oxidoreductases
 RT physiology
 RT respirators
 RT respiratory system
 RT respiratory system diseases

RESPIRATORS

UF masks
 UF respiratory equipment
 RT aerosols
 RT air
 RT breath
 RT dusts
 RT face
 RT filters
 RT inhalation
 RT life support systems
 RT protective clothing
 RT radiation protection
 RT respiration
 RT respiratory system

respiratory equipment

USE respirators

RESPIRATORY SYSTEM

NT1 bronchi
 NT1 gills
 NT1 larynx
 NT1 lungs
 NT1 nose
 NT1 pharynx
 NT1 trachea
 RT air
 RT breath
 RT chest
 RT inhalation
 RT lavage
 RT lung clearance
 RT organs
 RT respiration
 RT respirators
 RT respiratory system diseases

RESPIRATORY SYSTEM DISEASES

UF bronchogenic carcinoma
 BT1 diseases
 NT1 asthma
 NT1 bronchitis
 NT1 emphysema

NT1 pneumoconioses
 NT2 berylliosis
 NT1 pneumonia
 NT2 bronchopneumonia
 RT breath
 RT respiration
 RT respiratory system

RESPIRATORY TRACT CELLS

INIS: 1978-11-24; ETDE: 1977-11-28
 UF lung cells
 *BT1 somatic cells
 RT bronchi
 RT lungs

RESPONSE FUNCTIONS

Describing the response of a system to external action.

BT1 functions
 RT electronic circuits
 RT mathematical models
 RT measuring instruments
 RT mechanical structures
 RT parametric analysis
 RT sensitivity analysis
 RT structural models

RESPONSE MATRIX METHOD

BT1 calculation methods
 *BT1 reactor kinetics equations
 RT criticality

RESPONSE MODIFYING FACTORS

For biological effects.

UF oxygen effect (radiobiology)
 UF protective chemicals
 SF tumor necrosis factor
 NT1 radioprotective substances
 NT2 beta-aminoethyl isothiurea
 NT2 cystamine
 NT2 cystaphos
 NT2 cysteamine
 NT2 dimercaprol
 NT2 dtpa
 NT2 gammaphos
 NT2 glutathione
 NT2 hydroxytryptophan
 NT2 kallikrein
 NT2 mercaptoethylguanidine
 NT2 mercaptopropylamine
 NT2 mexamine
 NT2 mpg
 NT2 penicillamine
 NT2 serotonin
 NT3 bufotenine
 NT1 radiosensitizers
 NT2 fudr
 NT2 metronidazole
 NT2 misonidazole
 NT2 nem
 NT2 triacetoneamine-n-oxyl

RT adrenalectomy
 RT biological effects
 RT biological recovery
 RT mitogens
 RT oxygen enhancement ratio
 RT radiation effects
 RT radiosensitivity

REST MASS

BT1 mass
 RT special relativity theory

RESTAURANTS

INIS: 2000-04-12; ETDE: 1978-07-05
 UF cafeterias
 UF dining halls
 RT commercial buildings
 RT commercial sector
 RT food
 RT food industry

RT small businesses

restoration

USE biological recovery

RESTRAINTS

INIS: 1981-02-27; ETDE: 1975-07-29

UF pipe restraints
 NT1 reactor core restraints
 RT damping
 RT fasteners
 RT pipe fittings
 RT pipes
 RT reactor cooling systems
 RT shock absorbers
 RT supports

resuspension

INIS: 2000-04-12; ETDE: 1977-05-07
 USE particle resuspension

resuspension (particles)

INIS: 1981-02-27; ETDE: 2002-05-03
 USE particle resuspension

retail buyers

INIS: 2000-04-12; ETDE: 1979-05-09
 USE retailers

RETAIL PRICES

INIS: 1993-02-19; ETDE: 1979-06-06
 (From September 1979 until March 1996 CONSUMER PRICE INDEX was a valid ETDE descriptor.)

UF consumer price index
 UF consumer prices
 BT1 prices
 RT retailers
 RT wholesale prices

retail sellers

INIS: 2000-04-12; ETDE: 1979-05-09
 USE retailers

RETAILERS

INIS: 1992-04-03; ETDE: 1979-05-09
 Persons or organizations engaged in the sale of commodities or goods in small quantities to ultimate consumers.

UF retail buyers
 UF retail sellers
 BT1 marketers
 NT1 gasoline service stations
 RT commercial sector
 RT competition
 RT economics
 RT industry
 RT market
 RT marketing
 RT prices
 RT retail prices
 RT small businesses

RETENTION

In living organisms.

RT animal tissues
 RT biological availability
 RT biological hot spots
 RT biological localization
 RT body
 RT compartments
 RT critical organs
 RT deposition
 RT edema
 RT excretion
 RT hot atom chemistry
 RT maximum permissible body burden
 RT organs
 RT radionuclide kinetics
 RT retention functions
 RT uptake

RT whole-body counting

RETENTION FUNCTIONS

UF excretion functions
BT1 functions
RT compartments
RT radionuclide kinetics
RT retention
RT time dependence

reticular cells

USE reticuloendothelial system

RETICULOCYTES

*BT1 erythrocytes

RETICULOENDOTHELIAL SYSTEM

UF kupffer cells
UF reticular cells
*BT1 animal tissues
RT bone marrow
RT connective tissue
RT immune system diseases
RT liver
RT lymph nodes
RT lymphatic system
RT macrophages
RT phagocytosis
RT spleen

RETINA

*BT1 eyes
RT nervous system
RT rhodopsin

retinal pigment

INIS: 1986-03-04; ETDE: 2002-05-03
USE rhodopsin

RETINOIC ACID

INIS: 2000-04-12; ETDE: 1982-05-24
*BT1 carboxylic acid esters
RT vitamin a

retinol

INIS: 2000-04-12; ETDE: 1982-05-24
USE vitamin a

retorted shales

INIS: 1992-04-13; ETDE: 1979-07-18
USE spent shales

REORTING

1980-07-24
The process of extracting a desirable substance from a naturally occurring deposit.
SF fushun process
*BT1 decomposition
*BT1 ore processing
NT1 in-situ retorting
RT coking
RT destructive distillation
RT heating
RT hydrotorting process
RT hytort process
RT in-situ processing
RT lurgi-ruhrgas process
RT modified in-situ processes
RT ntu process
RT oil shales
RT process heat
RT pyrolysis
RT retorts
RT rope process
RT shell pellet heat exchanger retorting
RT t3 process

RETORTS

2000-07-11
UF pumpherstons retort
BT1 chemical reactors
*BT1 distillation equipment

RT retorting

RETREAT MINING

INIS: 2000-04-12; ETDE: 1979-09-27
*BT1 underground mining
RT coal mining

retrieval systems

INIS: 2000-04-12; ETDE: 1979-08-07
For retrieval of information, see INFORMATION RETRIEVAL.
(Prior to March 1997 this was a valid ETDE descriptor.)
SEE materials handling
SEE remote handling equipment
SEE waste retrieval

RETROFITTING

INIS: 1979-04-27; ETDE: 1975-11-11
UF backfitting
RT buildings
RT construction
RT licensing regulations
RT modifications
RT safety standards
RT solar repowering

REUNION ISLAND

2004-05-28
*BT1 france
BT1 islands
RT indian ocean

REVEGETATION

1976-07-16
Process of providing a new vegetative cover for land previously stripped of vegetation.
RT deforestation
RT erosion control
RT ground cover
RT land reclamation
RT plants
RT preferred species
RT soil conservation

REVERSE COMBUSTION

INIS: 2000-04-12; ETDE: 1976-05-13
*BT1 combustion
RT in-situ combustion

REVERSE-FIELD PINCH

INIS: 1975-12-19; ETDE: 1976-01-26
UF trx-1
BT1 pinch effect
RT artemis device
RT hbt devices
RT magnetic field reversal
RT magnetic reconnection
RT mst device
RT reversed-field mirrors
RT rfx device
RT stx devices
RT tpe-1rm15 device
RT zt-40 devices
RT zt-p devices

reverse osmosis

USE osmosis

REVERSED-FIELD MIRRORS

INIS: 1982-11-30; ETDE: 1991-10-29
UF field-reversed mirror reactors
UF field-reversed mirrors
*BT1 magnetic mirrors
RT magnetic field reversal
RT reverse-field pinch

REVERSED-FIELD PINCH DEVICES

1994-03-15
*BT1 toroidal pinch devices
NT1 artemis device
NT1 extrap-t2 device

NT1 hbt devices
NT1 mst device
NT1 rfx device
NT1 tpe-1rm15 device
NT1 tpe-rx device
NT1 zt-40 devices
NT1 zt-p devices
RT beta ratio
RT electric currents
RT magnetic field configurations
RT rotational transform
RT toroidal configuration

REVERSED SHEAR

INIS: 1999-07-26; ETDE: 1999-09-03
RT rotational transform
RT shear

reversible turbines

INIS: 2000-04-12; ETDE: 1980-01-24
USE pump turbines

REVERTANTS

INIS: 1978-11-24; ETDE: 1978-12-20
BT1 mutants
RT mutations

REVIEWS

Critical assessment of work and data usually accompanied by an extensive bibliography.
BT1 document types
RT research programs

REWETTING

INIS: 1975-08-22; ETDE: 1976-08-24
RT dryout
RT heat transfer
RT hot spots
RT surfaces

rexco process

2000-04-12
Process for manufacturing smokeless fuel.
SEE coal

REYNOLDS NUMBER

BT1 dimensionless numbers
NT1 magnetic reynolds number
RT boundary layers
RT friction factor
RT turbulent flow
RT viscous flow

rez lr-0 reactor

INIS: 1998-07-07; ETDE: 1995-01-03
USE lr-0 reactor

rez tr-0 reactor

USE tr-0 reactor

rezistal

2000-04-12
(Prior to February 1995, this was a valid ETDE descriptor.)
USE chromium alloys
USE iron base alloys
USE nickel alloys

RF ION SOURCES

2018-02-26
*BT1 plasma ion sources

RF SYSTEMS

UF radiofrequency systems
RT cavity resonators
RT cyclic accelerators
RT gyrocons
RT klystrons
RT lasertrons
RT magnetrons
RT microwave power transmission
RT power supplies

RT radio equipment
 RT radiowave radiation
 RT resonators
 RT squid devices
 RT superconducting cavity resonators
 RT travelling wave tubes
 RT tuning

RFLPS

INIS: 2000-01-11; ETDE: 1987-10-22
Restriction Fragment Length Polymorphisms.

RT chromosomes
 RT endonucleases
 RT genes
 RT genetic mapping
 RT genetic variability
 RT human chromosomes

rfq (accelerators)

INIS: 1991-10-09; ETDE: 2002-05-03
 USE quadrupole linacs

RFX DEVICE

1994-03-15
Reversed-Field Experiment at the University of Padua, Italy.

*BT1 reversed-field pinch devices
 RT reverse-field pinch

RG-1M REACTOR

UF *norilsk research reactor rg-1m*
 *BT1 enriched uranium reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors

RHABDOMYOSARCOMAS

*BT1 myosarcomas

rhagoletis cerasi

INIS: 1996-07-23; ETDE: 1976-01-26
 (Until July 1996 this was a valid descriptor.)
 USE fruit flies

RHEINSBERG AKW1 REACTOR

Granssee, Rheinsberg, Federal Republic of Germany. Permanent shutdown since 1990.
 UF *akw1 rheinsberg reactor*
 UF *atomkraftwerk rheinsberg akw1 reaktor*
 *BT1 pwr type reactors

RHENATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 oxygen compounds
 *BT1 rhenium compounds
 RT rhenium oxides

RHENIUM

*BT1 refractory metals
 *BT1 transition elements

RHENIUM 159

2007-07-10
 *BT1 intermediate mass nuclei
 *BT1 microseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 proton decay radioisotopes
 *BT1 rhenium isotopes

RHENIUM 160

2007-07-10
 *BT1 alpha decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 microseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 proton decay radioisotopes

*BT1 rhenium isotopes

RHENIUM 161

INIS: 1979-09-18; ETDE: 1979-10-23
 *BT1 alpha decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes

RHENIUM 162

INIS: 1979-09-18; ETDE: 1979-10-23
 *BT1 alpha decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 rhenium isotopes

RHENIUM 163

INIS: 1979-09-18; ETDE: 1979-10-23
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes

RHENIUM 164

INIS: 1979-09-18; ETDE: 1979-10-23
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 rhenium isotopes

RHENIUM 165

INIS: 1983-09-01; ETDE: 1983-07-07
 *BT1 alpha decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes
 *BT1 seconds living radioisotopes

RHENIUM 166

INIS: 1979-04-27; ETDE: 1979-05-25
 *BT1 alpha decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 rhenium isotopes
 *BT1 seconds living radioisotopes

RHENIUM 167

INIS: 1979-04-27; ETDE: 1979-05-25
 *BT1 alpha decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes
 *BT1 seconds living radioisotopes

RHENIUM 168

INIS: 1978-11-24; ETDE: 1978-12-20
 *BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 rhenium isotopes
 *BT1 seconds living radioisotopes

RHENIUM 169

INIS: 1978-11-24; ETDE: 1978-12-20
 *BT1 alpha decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes
 *BT1 seconds living radioisotopes

RHENIUM 170

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 rhenium isotopes
 *BT1 seconds living radioisotopes

RHENIUM 171

INIS: 1987-09-22; ETDE: 1987-10-02
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes
 *BT1 seconds living radioisotopes

RHENIUM 172

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 rhenium isotopes
 *BT1 seconds living radioisotopes

RHENIUM 173

*BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes

RHENIUM 174

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 rhenium isotopes

RHENIUM 175

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes

RHENIUM 176

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 rhenium isotopes

RHENIUM 177

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes

RHENIUM 178

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 rhenium isotopes

RHENIUM 179

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 rhenium isotopes

RHENIUM 180

*BT1 beta-plus decay radioisotopes

- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rhenium isotopes

RHENIUM 181

- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rhenium isotopes

RHENIUM 182

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rhenium isotopes

RHENIUM 183

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 odd-even nuclei
- *BT1 rhenium isotopes

RHENIUM 184

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 rhenium isotopes

RHENIUM 184 TARGET

INIS: 1979-09-18; ETDE: 1977-04-12
BT1 targets

RHENIUM 185

- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 rhenium isotopes
- *BT1 stable isotopes

RHENIUM 185 TARGET

ETDE: 1976-07-09
BT1 targets

RHENIUM 186

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 rhenium isotopes
- *BT1 years living radioisotopes

RHENIUM 186 TARGET

ETDE: 1976-07-09
BT1 targets

RHENIUM 187

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 rhenium isotopes
- *BT1 stable isotopes
- *BT1 years living radioisotopes

RHENIUM 187 TARGET

ETDE: 1976-07-09
BT1 targets

RHENIUM 188

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes

- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rhenium isotopes

RHENIUM 189

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 odd-even nuclei
- *BT1 rhenium isotopes

RHENIUM 190

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rhenium isotopes

RHENIUM 191

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rhenium isotopes

RHENIUM 192

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 rhenium isotopes
- *BT1 seconds living radioisotopes

RHENIUM 193

2007-07-10

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 rhenium isotopes

RHENIUM 194

2007-07-10

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 isomeric transition isotopes
- *BT1 microseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rhenium isotopes
- *BT1 seconds living radioisotopes

RHENIUM 195

2010-03-02

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 rhenium isotopes
- *BT1 seconds living radioisotopes

RHENIUM 196

2010-03-02

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 rhenium isotopes
- *BT1 seconds living radioisotopes

RHENIUM ADDITIONS

Alloys containing not more than 1% Re are listed here.

- *BT1 rhenium alloys

RHENIUM ALLOYS

1995-02-27

Alloys containing more than 1% Re.

- *BT1 transition element alloys
- NT1 rhenium additions
- NT1 rhenium base alloys

RHENIUM BASE ALLOYS

- *BT1 rhenium alloys

RHENIUM BORIDES

- *BT1 borides
- *BT1 rhenium compounds

RHENIUM BROMIDES

- *BT1 bromides
- *BT1 rhenium halides

RHENIUM CARBIDES

- *BT1 carbides
- *BT1 rhenium compounds

RHENIUM CARBONATES

2000-04-12

- *BT1 carbonates
- *BT1 rhenium compounds

RHENIUM CHLORIDES

- *BT1 chlorides
- *BT1 rhenium halides

RHENIUM COMPLEXES

- *BT1 transition element complexes

RHENIUM COMPOUNDS

1997-06-19

- BT1 refractory metal compounds
- BT1 transition element compounds
- NT1 perrhenates
- NT1 rhenates
- NT1 rhenium borides
- NT1 rhenium carbides
- NT1 rhenium carbonates
- NT1 rhenium halides
- NT2 rhenium bromides
- NT2 rhenium chlorides
- NT2 rhenium fluorides
- NT2 rhenium iodides
- NT1 rhenium hydrides
- NT1 rhenium hydroxides
- NT1 rhenium nitrides
- NT1 rhenium oxides
- NT1 rhenium selenides
- NT1 rhenium silicides
- NT1 rhenium sulfates
- NT1 rhenium sulfides
- NT1 rhenium tellurides

RHENIUM FLUORIDES

- *BT1 fluorides
- *BT1 rhenium halides

RHENIUM HALIDES

INIS: 1991-09-16; ETDE: 1975-07-29

- *BT1 halides
- *BT1 rhenium compounds
- NT1 rhenium bromides
- NT1 rhenium chlorides
- NT1 rhenium fluorides
- NT1 rhenium iodides

RHENIUM HYDRIDES

1979-11-02

- *BT1 hydrides
- *BT1 rhenium compounds

RHENIUM HYDROXIDES

1996-07-08

(From June 1996 to November 2007
RHENIUM COMPOUNDS + HYDROXIDES
was used for this concept.)

- *BT1 hydroxides
- *BT1 rhenium compounds

RHENIUM IODIDES

INIS: 1979-01-18; ETDE: 1976-12-15

- *BT1 iodides
- *BT1 rhenium halides

RHENIUM IONS

*BT1 ions

RHENIUM ISOTOPES

1999-07-16

BT1 isotopes
NT1 rhenium 159
NT1 rhenium 160
NT1 rhenium 161
NT1 rhenium 162
NT1 rhenium 163
NT1 rhenium 164
NT1 rhenium 165
NT1 rhenium 166
NT1 rhenium 167
NT1 rhenium 168
NT1 rhenium 169
NT1 rhenium 170
NT1 rhenium 171
NT1 rhenium 172
NT1 rhenium 173
NT1 rhenium 174
NT1 rhenium 175
NT1 rhenium 176
NT1 rhenium 177
NT1 rhenium 178
NT1 rhenium 179
NT1 rhenium 180
NT1 rhenium 181
NT1 rhenium 182
NT1 rhenium 183
NT1 rhenium 184
NT1 rhenium 185
NT1 rhenium 186
NT1 rhenium 187
NT1 rhenium 188
NT1 rhenium 189
NT1 rhenium 190
NT1 rhenium 191
NT1 rhenium 192
NT1 rhenium 193
NT1 rhenium 194
NT1 rhenium 195
NT1 rhenium 196

RHENIUM NITRIDES

1977-06-13

*BT1 nitrides
 *BT1 rhenium compounds

rhenium ores

1996-07-23

(Until July 1996 this was a valid descriptor.)
 USE ores

RHENIUM OXIDES

*BT1 oxides
 *BT1 rhenium compounds
 RT perhenates
 RT rhenates

RHENIUM SELENIDES

1991-09-16

*BT1 rhenium compounds
 *BT1 selenides

RHENIUM SILICIDES

INIS: 1978-11-24; ETDE: 1978-12-20

*BT1 rhenium compounds
 *BT1 silicides

RHENIUM SULFATES

INIS: 1977-03-01; ETDE: 1977-04-12

*BT1 rhenium compounds
 *BT1 sulfates

RHENIUM SULFIDES

*BT1 rhenium compounds
 *BT1 sulfides

RHENIUM TELLURIDES

2000-04-12

*BT1 rhenium compounds
 *BT1 tellurides

RHEOLOGY

INIS: 1982-10-29; ETDE: 1975-09-11

Study of deformation and flow of matter.

RT deformation
 RT fluid flow
 RT matter
 RT mechanical properties
 RT thixotropy
 RT viscosity

rheostats

1996-07-08

(Until June 1996 this was a valid descriptor.)
 USE resistors

rhesus monkeys

USE macacus

RHEUMATIC DISEASES

1999-09-20

UF arthritis
 UF rheumatoid diseases
 BT1 diseases
NT1 spondylitis
 RT bone joints
 RT bone tissues
 RT skeletal diseases

rheumatoid diseases

USE rheumatic diseases

rhic (brookhaven)

INIS: 1986-05-23; ETDE: 2002-05-11

USE brookhaven rhic

RHINE RIVER

*BT1 rivers
 RT austria
 RT federal republic of germany
 RT france
 RT netherlands
 RT switzerland

RHIZOBIUM

INIS: 1992-05-05; ETDE: 1986-01-24

*BT1 bacteria
 RT leguminosae
 RT nitrogen fixation
 RT symbiosis

rhizopterin

USE folic acid

RHIZOPUS

*BT1 eumycota

rho-1250 mesons

INIS: 1995-08-07; ETDE: 1988-01-28

(From December 1987 until July 1995 this was a valid term.)

USE rho-1450 mesons

rho-1250 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE rho-1450 mesons

RHO-1450 MESONS

1995-08-07

(Until December 1987 this concept was indexed by RHO-1250 RESONANCES; from then until July 1995 it was indexed by RHO-1250 MESONS.)

UF rho-1250 mesons
 UF rho-1250 resonances
 *BT1 vector mesons

rho-1500 resonances

INIS: 1988-03-08; ETDE: 1975-10-28

(Prior to December 1987 this was a valid descriptor.)

USE mesons

rho-1600 mesons

INIS: 1995-08-07; ETDE: 1988-02-01

(From December 1987 until July 1995 this was a valid term.)

USE rho-1700 mesons

rho-1600 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE rho-1700 mesons

rho-1670 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE rho3-1690 mesons

RHO-1700 MESONS

1995-08-07

(Until December 1987 this concept was indexed by RHO-1600 RESONANCES; from then until July 1995 it was indexed by RHO-1600 MESONS.)

UF rho-1600 mesons
 UF rho-1600 resonances
 UF rho-prime resonances
 *BT1 vector mesons

rho-1700 resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE mesons

RHO-2150 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

*BT1 vector mesons

rho-765 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE rho-770 mesons

RHO-770 MESONS

INIS: 1987-12-21; ETDE: 1988-01-25

(Prior to December 1987 this concept was indexed by RHO-765 RESONANCES.)

UF rho-765 resonances
 *BT1 vector mesons

rho-prime resonances

USE rho-1700 mesons

RHO3-1690 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by RHO-1670 RESONANCES.)

UF g resonances
 UF rho-1670 resonances
 *BT1 tensor mesons

RHO3-2250 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by T-2200 RESONANCES.)

UF t-2200 resonances
 *BT1 tensor mesons

RHO5-2350 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

*BT1 tensor mesons

RHODAMINES

*BT1 amines

BT1 dyes
*BT1 heterocyclic acids
*BT1 organic oxygen compounds
BT1 reagents
RT phthalic acid

rhodanates

USE thiocyanates

rhodanides

USE thiocyanates

RHODE ISLAND

*BT1 usa
RT us east coast

rhode island nuclear science center reactor

USE rinsc reactor

rhodesia (northern)

USE zambia

rhodesia (southern)

USE southern rhodesia

RHODIUM

*BT1 platinum metals
*BT1 refractory metals

RHODIUM 100

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rhodium isotopes

RHODIUM 101

*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 odd-even nuclei
*BT1 rhodium isotopes
*BT1 years living radioisotopes

RHODIUM 102

*BT1 beta-minus decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 rhodium isotopes

RHODIUM 103

*BT1 intermediate mass nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rhodium isotopes
*BT1 stable isotopes

RHODIUM 103 TARGET

ETDE: 1976-07-09
BT1 targets

RHODIUM 104

*BT1 beta-minus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 105

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 intermediate mass nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 odd-even nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 106

*BT1 beta-minus decay radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 107

*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rhodium isotopes

RHODIUM 108

*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 109

*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rhodium isotopes

RHODIUM 110

*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 111

INIS: 1979-01-18; ETDE: 1979-02-23
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 112

1985-01-17
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 113

INIS: 1988-11-16; ETDE: 1988-12-02
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 114

INIS: 1988-06-22; ETDE: 1988-07-15
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 115

INIS: 1988-11-16; ETDE: 1988-12-02
*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 rhodium isotopes

RHODIUM 116

*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 rhodium isotopes

RHODIUM 117

*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 118

2000-12-28
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 rhodium isotopes

RHODIUM 119

2007-11-22
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 rhodium isotopes

RHODIUM 120

2007-11-22
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 rhodium isotopes

RHODIUM 121

2007-11-22
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 rhodium isotopes

RHODIUM 122

2007-11-22
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 rhodium isotopes

RHODIUM 89

2006-10-11
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 microseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 rhodium isotopes

RHODIUM 90

2004-12-20
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 nanoseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 rhodium isotopes
*BT1 seconds living radioisotopes

RHODIUM 91

2004-11-30
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 nanoseconds living radioisotopes
*BT1 odd-even nuclei

- *BT1 rhodium isotopes
- *BT1 seconds living radioisotopes

RHODIUM 92

1999-03-23

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rhodium isotopes
- *BT1 seconds living radioisotopes

RHODIUM 93

2004-11-30

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rhodium isotopes
- *BT1 seconds living radioisotopes

RHODIUM 94

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rhodium isotopes
- *BT1 seconds living radioisotopes

RHODIUM 95

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rhodium isotopes

RHODIUM 96

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rhodium isotopes

RHODIUM 96 TARGET

INIS: 1975-11-27; ETDE: 1976-07-12

- BT1 targets

RHODIUM 97

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rhodium isotopes

RHODIUM 98

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rhodium isotopes

RHODIUM 99

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rhodium isotopes

RHODIUM ADDITIONS

Alloys containing not more than 1% Rh are listed here.

- *BT1 rhodium alloys

RHODIUM ALLOYS

Alloys containing more than 1% Rh.

- *BT1 platinum metal alloys
- NT1 rhodium additions
- NT1 rhodium base alloys

RHODIUM ARSENIDES

2013-05-15

- *BT1 arsenides
- *BT1 rhodium compounds

RHODIUM BASE ALLOYS

- *BT1 rhodium alloys

RHODIUM BORIDES

1977-09-06

- *BT1 borides
- *BT1 rhodium compounds

RHODIUM BROMIDES

INIS: 1976-02-05; ETDE: 1975-11-26

- *BT1 bromides
- *BT1 rhodium halides

RHODIUM CARBIDES

- *BT1 carbides
- *BT1 rhodium compounds

RHODIUM CHLORIDES

- *BT1 chlorides
- *BT1 rhodium halides

RHODIUM COMPLEXES

- *BT1 transition element complexes

RHODIUM COMPOUNDS

1997-06-19

- BT1 refractory metal compounds
- BT1 transition element compounds
- NT1 rhodium arsenides
- NT1 rhodium borides
- NT1 rhodium carbides
- NT1 rhodium halides
- NT2 rhodium bromides
- NT2 rhodium chlorides
- NT2 rhodium fluorides
- NT1 rhodium hydrides
- NT1 rhodium hydroxides
- NT1 rhodium nitrates
- NT1 rhodium nitrides
- NT1 rhodium oxides
- NT1 rhodium phosphides
- NT1 rhodium selenides
- NT1 rhodium silicides
- NT1 rhodium sulfides
- NT1 rhodium tellurides

RHODIUM FLUORIDES

- *BT1 fluorides
- *BT1 rhodium halides

RHODIUM HALIDES

2012-07-25

- *BT1 halides
- *BT1 rhodium compounds
- NT1 rhodium bromides
- NT1 rhodium chlorides
- NT1 rhodium fluorides

RHODIUM HYDRIDES

1978-11-24

- *BT1 hydrides
- *BT1 rhodium compounds

RHODIUM HYDROXIDES

INIS: 1996-07-23; ETDE: 1975-11-26

(From July 1996 to November 2007

RHODIUM COMPOUNDS + HYDROXIDES was used for this concept.)

- *BT1 hydroxides
- *BT1 rhodium compounds

RHODIUM IONS

- *BT1 ions

RHODIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 rhodium 100
- NT1 rhodium 101
- NT1 rhodium 102
- NT1 rhodium 103
- NT1 rhodium 104
- NT1 rhodium 105
- NT1 rhodium 106
- NT1 rhodium 107
- NT1 rhodium 108
- NT1 rhodium 109
- NT1 rhodium 110
- NT1 rhodium 111
- NT1 rhodium 112
- NT1 rhodium 113
- NT1 rhodium 114
- NT1 rhodium 115
- NT1 rhodium 116
- NT1 rhodium 117
- NT1 rhodium 118
- NT1 rhodium 119
- NT1 rhodium 120
- NT1 rhodium 121
- NT1 rhodium 122
- NT1 rhodium 89
- NT1 rhodium 90
- NT1 rhodium 91
- NT1 rhodium 92
- NT1 rhodium 93
- NT1 rhodium 94
- NT1 rhodium 95
- NT1 rhodium 96
- NT1 rhodium 97
- NT1 rhodium 98
- NT1 rhodium 99

RHODIUM NITRATES

2009-08-31

- *BT1 nitrates
- *BT1 rhodium compounds

RHODIUM NITRIDES

INIS: 2000-04-12; ETDE: 1975-12-16

(From January 1993 to November 2007

RHODIUM COMPOUNDS + NITRIDES was used for this concept.)

- *BT1 nitrides
- *BT1 rhodium compounds

RHODIUM OXIDES

- *BT1 oxides
- *BT1 rhodium compounds

RHODIUM PHOSPHIDES

INIS: 2000-04-12; ETDE: 1976-07-07

- *BT1 phosphides
- *BT1 rhodium compounds

RHODIUM SELENIDES

INIS: 2000-04-12; ETDE: 1976-03-22

- *BT1 rhodium compounds
- *BT1 selenides

RHODIUM SILICIDES

INIS: 1987-08-27; ETDE: 1985-07-18

- *BT1 rhodium compounds
- *BT1 silicides

RHODIUM SULFIDES*INIS: 1991-09-16; ETDE: 1975-11-11*

- *BT1 rhodium compounds
- *BT1 sulfides

RHODIUM TELLURIDES*INIS: 1991-09-16; ETDE: 1976-07-07*

- *BT1 rhodium compounds
- *BT1 tellurides

RHODIZONIC ACID

- *BT1 hydroxy compounds
- *BT1 quinones
- BT1 reagents
- RT organic acids

RHODOCOCCUS*INIS: 2000-04-12; ETDE: 1992-11-20*

- *BT1 sulfur-oxidizing bacteria
- RT coal preparation
- RT desulfurization

RHODOPHYCOTA*INIS: 1991-12-13; ETDE: 1988-12-20*

- *BT1 algae
- NT1 porphyra

RHODOPSEUDOMONAS

- *BT1 photosynthetic bacteria

RHODOPSIN*INIS: 1986-03-04; ETDE: 1983-09-15**A brilliant red photosensitive pigment.*

- UF retinal pigment
- UF visual purple
- BT1 pigments
- *BT1 proteins
- RT retina

RHODOSPIRILLUM

- *BT1 photosynthetic bacteria

rhombohedral lattices

- USE trigonal lattices

RHONE RIVER

- *BT1 rivers
- RT france
- RT switzerland

rho*INIS: 1975-12-19; ETDE: 2002-05-11**Residual heat removal.*

- USE after-heat removal

RHR SYSTEMS*2000-04-12*

- UF dhr systems
- UF residual heat removal
- *BT1 reactor cooling systems
- RT after-heat removal

RHYOLITES*INIS: 1978-08-30; ETDE: 1975-11-11**A group of extrusive igneous rocks generally porphyritic and containing small phenocrysts of quartz and alkali feldspar set in a glassy or cryptocrystalline ground mass.**(From April 1975 till March 1997 PUMICE was a valid ETDE descriptor.)*

- SF pumice
- *BT1 volcanic rocks
- RT feldspars
- RT granites
- RT perlite
- RT silicon oxides

RHYTHMICITY

- RT estrous cycle
- RT menstrual cycle

ria (radioimmunoassay)*INIS: 1984-04-04; ETDE: 2002-05-11*

- USE radioimmunoassay

ria (reactor accidents)*INIS: 1984-04-04; ETDE: 2002-05-11**Reactivity Initiated Accidents.*

- SEE reactor accidents

RIBBON-TO-RIBBON METHOD*INIS: 2000-04-12; ETDE: 1980-02-11**A float-zone crystal growth method where the polycrystalline ribbon is fed into a preheated region, melted, and recrystallized.*

- UF rtr method
- BT1 crystal growth methods
- RT crystal growth
- RT ribbon-to-sheet method
- RT sheets
- RT zone melting

RIBBON-TO-SHEET METHOD*INIS: 2000-04-12; ETDE: 1981-07-18*

- BT1 crystal growth methods
- RT ribbon-to-ribbon method
- RT sheets

RIBOFLAVIN

- UF vitamin b-2
- *BT1 vitamin b group
- RT ribose

ribonuclease

- USE rna-ase

ribonucleic acid

- USE rna

RIBOSE

- *BT1 aldehydes
- *BT1 pentoses
- RT riboflavin

RIBOSIDES

- NT1 nucleosides
- NT2 adenosine
- NT2 budr
- NT2 cytidine
- NT2 deoxycytidine
- NT2 deoxyuridine
- NT2 fudr
- NT2 guanosine
- NT2 inosine
- NT2 iododeoxyuridine
- NT2 thymidine
- NT3 fluorothymidine
- NT2 uridine
- RT deoxyribose
- RT nucleic acids
- RT pentoses

RIBOSOMAL RNA*INIS: 1990-04-19; ETDE: 1985-11-19*

- UF r-rna
- *BT1 rna
- RT nucleoli
- RT ribosomes

RIBOSOMES*1999-04-20*

- BT1 cell constituents
- NT1 microsomes
- RT codons
- RT ribosomal rna
- RT rna
- RT subcellular distribution

RIBULOSE

- *BT1 ketones
- *BT1 pentoses

RIBULOSE DIPHOSPHATE**CARBOXYLASE***INIS: 2000-04-12; ETDE: 1985-10-25*

- *BT1 carboxy-lyases
- RT carbon cycle
- RT carbon dioxide fixation
- RT chloroplasts
- RT photosynthesis

RIC PROCESS*2000-04-12*

- *BT1 desulfurization

RICCATI EQUATION

- *BT1 differential equations

RICCI TENSOR

- BT1 tensors
- RT riemann space

RICE

- UF oryza
- *BT1 cereals

RICE STEM BORERS

- *BT1 moths

richardson-dushman equation

- USE richardson equation

RICHARDSON EQUATION

- UF richardson-dushman equation
- BT1 equations
- RT thermionics

RICHARDSON NUMBER

- BT1 dimensionless numbers
- RT convection
- RT shear
- RT turbulent flow
- RT two-phase flow

RICHLAND*INIS: 1999-03-03; ETDE: 1979-03-05*

- BT1 urban areas
- *BT1 washington

richland fftf reactor

- USE fftf reactor

richland npr reactor

- USE n-reactor

richland physical constants test reactor*1993-11-09*

- USE pct reactor

richland power-plutonium production reactor*INIS: 1993-11-09; ETDE: 2002-05-11*

- USE n-reactor

ricinum communis

- USE castor

RICKETS

- UF rachitis
- *BT1 metabolic diseases
- *BT1 skeletal diseases
- RT bone tissues
- RT vitamin d

RICKETTSIAE

- BT1 microorganisms
- RT insects
- RT rickettsial diseases
- RT typhus

RICKETTSIAL DISEASES*INIS: 1982-12-08; ETDE: 1981-01-12*

- *BT1 infectious diseases
- NT1 typhus

RT host
RT rickettsiae

ridesharing

INIS: 2000-04-12; ETDE: 1980-08-25

SEE carpooling
SEE vanpooling

riehl-schon model

2000-04-12

Photovoltaic and photoconductive effects in crystals.

(Prior to February 1995, this was a valid ETDE descriptor.)

USE crystals
USE photovoltaic effect

riemann curvature tensor

USE riemann space

RIEMANN FUNCTION

BT1 functions
RT differential equations

riemann geometry

USE riemann space

riemann manifolds

USE riemann space

riemann metric

USE riemann space

RIEMANN SHEET

1997-08-20

UF riemann surface
RT functions

RIEMANN SPACE

1997-08-20

UF riemann curvature tensor
UF riemann geometry
UF riemann manifolds
UF riemann metric
UF riemann sphere
*BT1 mathematical space
NT1 euclidean space
RT curvilinear coordinates
RT ricci tensor
RT smooth manifolds

riemann sphere

USE riemann space

riemann surface

1997-08-20

USE riemann sheet

riemann waves

USE shock waves

RIEN-1 REACTOR

Instituto de Energenharia Nuclear/Nuclebras, Rio de Janeiro, Brazil.

UF argonauta rien-1 reactor
UF argonauta rio reactor
UF instituto engenharia nuclear rio reactor

*BT1 argonaut type reactors
*BT1 research reactors
*BT1 training reactors

RIFT ZONES

INIS: 1992-06-16; ETDE: 1975-09-11

(Until June 1992, this concept was indexed by GEOLOGIC FAULTS.)

UF zones (rift)
BT1 geologic structures
RT geologic faults
RT rio grande rift

RIGHI-LEDUC EFFECT

RT ettingshausen effect

RT hall effect
RT heat transfer
RT magnetic fields
RT nernst effect
RT thermal conductivity

RIGHTS-OF-WAY

INIS: 1993-06-04; ETDE: 1979-03-29

RT eminent domain
RT land use
RT legal aspects
RT pipelines
RT power transmission lines

riken linac

INIS: 1986-05-23; ETDE: 2002-05-11

USE rilac

riken ssc

INIS: 1983-10-14; ETDE: 1983-11-09

USE ipcr cyclotron

rikkyo university triga-mk-2 reactor

INIS: 1993-11-09; ETDE: 2002-05-11

USE triga-2-rikkyo reactor

rikkyo university triga-mk-ii reactor

2000-04-12

USE triga-2-rikkyo reactor

RILAC

INIS: 1986-05-23; ETDE: 1986-11-18

Frequency-tunable heavy ion linac at Institute of Physical and Chemical Research, Saitama, Japan.

UF inst phys chem res rilac
UF ipcr linac
UF riken linac
UF saitama tunable heavy ion linac
*BT1 heavy ion accelerators
*BT1 linear accelerators

riley-morgan process

INIS: 2000-04-12; ETDE: 1977-08-24

Redesign of the old Morgan fixed-bed gasifier for industrial plant gas supply.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE coal gasification

rilis

2018-02-26

USE resonant-ionization laser ion sources

rims

INIS: 2000-04-12; ETDE: 1985-04-24

SEE resonance ionization mass spectroscopy

rinderpest

INIS: 1991-09-19; ETDE: 2002-05-11

USE viral diseases

RING CHROMOSOMES

BT1 chromosomes

RING CURRENTS

*BT1 electric currents
RT electrojets

RING LASERS

INIS: 1992-08-18; ETDE: 1982-06-07

BT1 lasers

ring oven method

2000-04-12

Concentration of solutes from a single drop in concentric rings on a disc of filter paper for the qualitative detection of elements.

(Prior to January 1995, this was a valid ETDE descriptor.)

SEE chemical analysis

RINGHALS-1 REACTOR

Ringhals, Vaeroebacka, Sweden.

*BT1 bwr type reactors

RINGHALS-2 REACTOR

Ringhals, Vaeroebacka, Sweden.

*BT1 pwr type reactors

RINGHALS-3 REACTOR

Ringhals, Vaeroebacka, Sweden.

*BT1 pwr type reactors

RINGHALS-4 REACTOR

INIS: 1982-10-28; ETDE: 1982-11-30

*BT1 pwr type reactors

ringotron

USE electron-ring accelerators

RINGS

RT configuration
RT shape
RT tori

rings (storage)

USE storage rings

RINSC REACTOR

Rhode Island Atomic Energy Commission, Rhode Island Nuclear Science Center, Narragansett, Rhode Island, USA.

UF rhode island nuclear science center reactor

*BT1 pool type reactors
*BT1 research reactors

RIO BLANCO EVENT

BT1 plowshare project
*BT1 toggle operation
RT natural gas

RIO BLANCO OIL SHALE PROJECT

INIS: 2000-04-12; ETDE: 1976-03-11

UF tract c-a prototype oil shale project
RT colorado
RT oil shales

RIO DECLARATION

2000-01-03

Rio Declaration on Environment and Development.

*BT1 multilateral agreements
RT climatic change
RT emissions tax
RT emissions trading
RT environmental impacts
RT environmental policy
RT environmental protection
RT greenhouse effect

RIO GRANDE RIFT

INIS: 1992-06-16; ETDE: 1976-08-24

RT colorado
RT new mexico
RT rift zones

RIO GRANDE RIVER

INIS: 1992-06-04; ETDE: 1980-09-04

*BT1 rivers
RT colorado
RT mexico
RT new mexico
RT texas

RIOMETERS

BT1 measuring instruments

RIPENING

RT age dependence
RT growth
RT life cycle
RT physiology

risa

- USE albumins
- USE organic iodine compounds

RISE

2000-04-12

Rise is a modified in-situ method of processing oil shale in which 20% of the mined shale is removed for retorting on the surface, the remainder is retorted in place making use of hot gas generated continuously from combustion of a portion of the oil shale, using an air stream. Rubble in-situ extraction.

- BT1 modified in-situ processes
- RT in-situ retorting
- RT oil shales

rise time

- USE pulse rise time

riser cracking

INIS: 2000-04-12; ETDE: 1976-10-13

- USE coal liquefaction

rishon model

INIS: 2000-04-12; ETDE: 1984-10-10

(Prior to January 1995, this was a valid ETDE descriptor.)

- USE composite models

risk analysis

INIS: 1985-07-19; ETDE: 1978-04-27

(Prior to August 1985 this was a valid descriptor.)

- USE risk assessment

RISK ASSESSMENT

INIS: 1985-07-19; ETDE: 1977-09-19

(Prior to August 1985 RISK ANALYSIS was used.)

- UF deterministic safety assessment
- UF probabilistic safety assessment
- UF risk analysis
- RT alara
- RT deterministic estimation
- RT energy source development
- RT fuel cycle
- RT fuel reprocessing plants
- RT hazards
- RT licensing regulations
- RT mto model
- RT nuclear power plants
- RT probabilistic estimation
- RT probability
- RT radioactive waste management
- RT reliability
- RT safety analysis
- RT safety margins
- RT seismicity
- RT source terms

risks

- USE hazards

RISOE NATIONAL LABORATORY

INIS: 1978-04-21; ETDE: 1978-07-06

Ceased operation as an independent entity as of 1 January 2012. Prior to 1978 known as RISOE RESEARCH ESTABLISHMENT.

Descriptor should be used only for documents pertaining to the period 1978 - 2011.

(Prior to 1978 known as RISOE RESEARCH ESTABLISHMENT, and documents written before that date should be so indexed.)

- *BT1 danish organizations
- NT1 risoe research establishment

RISOE RESEARCH**ESTABLISHMENT**

INIS: 1977-03-14; ETDE: 1977-06-03

Name changed in early 1978 to RISOE NATIONAL LABORATORY, and documents written after that date should be so indexed.

- UF research establishment risoe
- *BT1 risoe national laboratory

RITAC DOSEMETERS

Passive solid-state dosimeters based on Radiation Induced Thermally Activated Current.

- *BT1 dosimeters
- RT ritad dosimeters

RITAD DOSEMETERS

Integral solid-state dosimeters based on Radiation Induced Thermally Activated Depolarization.

- *BT1 dosimeters
- RT dielectric materials
- RT ritac dosimeters

ritchie-eldridge theory

2000-04-12

(Prior to August 1996 this was a valid ETDE descriptor.)

- SEE perturbation theory

RITMO REACTOR

National Nuclear Energy Committee, Rome, Italy. Decommissioned since 1984.

- UF rc-4 reactor casaccia
- UF reattore casaccia-4
- *BT1 enriched uranium reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 thermal reactors
- *BT1 zero power reactors

RITZ METHOD

- UF rayleigh-ritz method
- UF ritz-rayleigh method
- UF ritz variation method
- BT1 calculation methods
- RT variational methods

ritz-rayleigh method

- USE ritz method

ritz variation method

- USE ritz method

RIVER BEND-1 REACTOR

Entergy Operations, Inc., St. Francisville, Louisiana, USA.

- *BT1 bwr type reactors

RIVER BEND-2 REACTOR

Gulf States Utilities Co., St. Francisville, Louisiana, USA. Canceled in 1984 after construction began (1975).

- *BT1 bwr type reactors

RIVER DELTAS

INIS: 1992-06-04; ETDE: 1983-08-25

Coordinate this descriptor with a descriptor for the specific river if significant.

- BT1 coastal regions
- RT rivers
- RT sediments
- RT shores
- RT wetlands

RIVERS

1997-06-19

Bodies of flowing water, generally wide, contained within channels.

- UF alaska river
- UF crystal river
- UF scioto river

- BT1 surface waters
- NT1 allegheny river
- NT1 altamaha river
- NT1 amazon river
- NT1 arkansas river
- NT1 au sable river
- NT1 blind river
- NT1 brahmaputra river
- NT1 brazos river
- NT1 cape fear river
- NT1 chattahoochee river
- NT1 clinch river
- NT1 colorado river
- NT1 columbia river
- NT1 connecticut river
- NT1 cumberland river
- NT1 danube river
- NT1 delaware river
- NT1 detroit river
- NT1 dneiper river
- NT1 dudvah river
- NT1 euphrates river
- NT1 fraser river
- NT1 ganga river
- NT1 grand river
- NT1 gunnison river
- NT1 hron river
- NT1 hudson river
- NT1 james river
- NT1 kennebec river
- NT1 lewis river
- NT1 little tennessee river
- NT1 menominee river
- NT1 mississippi river
- NT1 missouri river
- NT1 mohawk river
- NT1 nelson river
- NT1 niagara river
- NT1 niger river
- NT1 Nile river
- NT1 north platte river
- NT1 ohio river
- NT1 ottawa river
- NT1 peace river
- NT1 piceance creek
- NT1 po river
- NT1 potomac river
- NT1 pripet river
- NT1 rhine river
- NT1 rhone river
- NT1 rio grande river
- NT1 saginaw river
- NT1 saint clair river
- NT1 saint john river
- NT1 santee river
- NT1 savannah river
- NT1 severn river
- NT1 skagit river
- NT1 st lawrence river
- NT1 streams
- NT1 susquehanna river
- NT1 techa river
- NT1 tennessee river
- NT1 thames river
- NT1 tigris river
- NT1 vah river
- NT1 vltava river
- NT1 volga river
- NT1 white river
- NT1 yangtze river
- NT1 yellow creek
- NT1 yellow river
- NT1 yukon river
- RT drainage
- RT estuaries
- RT flood control
- RT fresh water
- RT hydrology
- RT inland waterways

RT river deltas
RT water currents
RT watersheds

riveting

USE fastening

rivets

USE fasteners

rjh reactor

2005-02-11

USE jules horowitz reactor

rkr method

USE rydberg-klein-rees method

RMB REACTOR

2018-03-07

State of Sao Paulo, Brazil. Reactor is planned.

UF brazilian multipurpose reactor

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 pool type reactors

*BT1 research reactors

rmc slowpoke

2018-05-30

USE slowpoke rmc reactor

rmprocess

INIS: 2000-04-12; ETDE: 1976-07-07

Methanation process which catalytically converts mixtures of carbon oxides obtained from coal or naphtha gasification to methane at high temperatures without recycle.

(Prior to July 1993, this was a valid ETDE descriptor.)

USE sng processes

RNA

1996-05-03

UF ribonucleic acid

*BT1 nucleic acids

NT1 messenger-rna

NT1 ribosomal rna

NT1 transfer rna

RT gene operons

RT in-situ hybridization

RT introns

RT microsomes

RT nucleoli

RT ribosomes

RT rna polymerases

RT splicing

RT strand breaks

RNA-ASE

1995-01-10

Code number 3.1.4.22 and 3.1.4.34.

UF nuclease (ribonuclease)

UF ribonuclease

*BT1 nucleases

RT rna processing

RNA POLYMERASES

INIS: 1995-01-10; ETDE: 1984-01-27

*BT1 polymerases

RT dna polymerases

RT messenger-rna

RT nucleoproteins

RT rna

RT rna processing

RT transcription

RT transcription factors

RNA PROCESSING

INIS: 1995-01-10; ETDE: 1987-12-17

Extensive modifications newly transcribed messenger-RNA's undergo before they are used as templates for protein synthesis. Also

the editing of primary transcripts of ribosomal RNA and transfer RNA's.

NT1 splicing

RT messenger-rna

RT nucleoproteins

RT rna-ase

RT rna polymerases

rnpp-rooppur reactor

USE rooppur reactor

ro-07-0582

INIS: 1981-08-06; ETDE: 1981-09-22

USE misonidazole

ROAD OILS

INIS: 2000-04-12; ETDE: 1979-12-10

Oils or petroleum residues intended for cold application to road surfaces.

*BT1 oils

RT asphalts

RT petroleum

RT petroleum distillates

RT petroleum residues

ROAD TESTS

INIS: 2000-04-12; ETDE: 1977-05-07

BT1 testing

RT automobiles

RT buses

RT trucks

RT vehicles

ROAD TRANSPORT

INIS: 1981-03-10; ETDE: 1981-04-17

UF truck transport

*BT1 land transport

RT motor vehicle accidents

RT roads

RT routing

RT vehicles

ROADS

1992-03-05

UF highways

UF streets

RT bridges

RT carpooling

RT pavements

RT road transport

RT roadway-powered electric vehicles

RT transport

RT vanpooling

ROADWAY-POWERED ELECTRIC VEHICLES

INIS: 2000-04-12; ETDE: 1981-04-17

*BT1 electric-powered vehicles

RT roads

roadways (mines)

INIS: 1993-03-15; ETDE: 1978-05-03

USE mine roadways

ROASTING

*BT1 oxidation

RT pyrometallurgy

robert e. ginna-1 reactor

USE ginna-1 reactor

robert e. ginna-2 reactor

USE ginna-2 reactor

robinia pseudoacacia

INIS: 2000-04-12; ETDE: 1986-04-29

USE locust trees

ROBINSON-2 REACTOR

Carolina Power and Light Co., Hartsville, South Carolina, USA.

UF carolina power light robinson-2

reactor

UF hb robinson-2

*BT1 pwr type reactors

ROBOTS

INIS: 1984-04-04; ETDE: 1982-12-01

BT1 equipment

RT control equipment

RT control systems

RT materials handling equipment

RT remote handling equipment

ROCHE EQUIPOTENTIALS

UF roche lobes

BT1 potentials

RT binary stars

RT gravitational fields

roche lobes

USE roche equipotentials

ROCHELLE SALT

*BT1 potassium compounds

*BT1 sodium compounds

*BT1 tartrates

RT tartaric acid

ROCK BEDS

INIS: 2000-04-12; ETDE: 1975-09-12

RT cold storage

RT heat storage

RT sensible heat storage

ROCK BURSTS

INIS: 1992-01-21; ETDE: 1977-05-09

Explosive release of energy in rock strained beyond its elastic limit.

UF gas bursts

RT hazards

RT mining

RT precursor

RT rock mechanics

RT seismic events

ROCK CAVERNS

INIS: 1998-10-01; ETDE: 1979-04-11

BT1 cavities

RT caves

RT rocks

ROCK DRILLING

UF drilling (rock)

BT1 drilling

*BT1 materials drilling

RT boreholes

RT drills

RT rotary drilling

RT rotary drills

RT spark drills

RT subterrene penetrators

RT well drilling

ROCK DUSTING

INIS: 2000-04-12; ETDE: 1977-10-20

Dusting of underground areas with powdered limestone or other nearly inert dusts to dilute coal dust to reduce explosion hazards.

RT coal mines

RT dusts

ROCK FALLS

INIS: 2000-07-20; ETDE: 1988-01-21

RT rock mechanics

RT soil mechanics

RT strata movement

ROCK-FLUID INTERACTIONS

INIS: 1986-04-04; ETDE: 1975-11-11

- RT chemical reactions
- RT ground water
- RT hydrothermal alteration
- RT rocks
- RT waste-rock interactions

rock intrusion

INIS: 1985-07-23; ETDE: 2002-05-11

Process of emplacement of fluid material into pre-existing rock. Coordinate the descriptor below with other appropriate descriptor(s), e.g. POSITIONING, PETROGENESIS.

- USE plutonic rocks

ROCK MECHANICS

Application of principles of mechanics and geology to quantify the response of rock to environmental forces.

- BT1 mechanics
- RT dilatancy
- RT geology
- RT mechanical properties
- RT mining
- RT overburden
- RT rock bursts
- RT rock falls
- RT rocks
- RT soil mechanics
- RT strata control
- RT strata movement

rock salt

INIS: 2000-04-12; ETDE: 1981-11-10

- USE salt deposits

ROCK SPRINGS SITES

2000-04-12

- *BT1 wyoming
- RT oil shale deposits

ROCKET ENGINES

1994-08-26

- *BT1 heat engines
- RT rockets

rocket reactor experiment phoebus-1a

1993-11-09

- USE phoebus-1a reactor

rocket reactor experiment phoebus-1b

1993-11-09

- USE phoebus-1b reactor

rocket reactor experiment phoebus-2a

1993-11-09

- USE phoebus-2a reactor

rocket reactor experiment rover

2000-04-12

- USE rover reactors

ROCKETS

1996-07-16

(Prior to August 1996 ATLAS ROCKETS was a valid ETDE descriptor.)

- UF atlas rockets
- RT ammunition
- RT electronic guidance
- RT launching
- RT missile launching sites
- RT missiles
- RT navigational instruments
- RT projectiles
- RT propulsion systems
- RT reentry
- RT rocket engines
- RT space flight
- RT space vehicles

rockgas process

2000-04-12

Process for the gasification of coal using the partial oxidation of coal in a molten sodium carbonate medium to produce a low-btu fuel gas for consumption at the site of the gasification plant.

(Prior to March 1994, this was a valid ETDE descriptor.)

- USE coal gasification

rocking curve

INIS: 1984-04-04; ETDE: 2002-05-11

- USE neutron diffraction

ROCKS

- NT1 igneous rocks
- NT2 caldasite
- NT2 lava
- NT2 plutonic rocks
- NT3 diorites
- NT3 gabbros
- NT4 anorthosites
- NT3 granites
- NT4 aplites
- NT4 granodiorites
- NT4 quartz monzonite
- NT3 pegmatites
- NT3 peridotites
- NT4 kimberlites
- NT3 syenites
- NT2 volcanic rocks
- NT3 andesites
- NT3 basalt
- NT4 diabases
- NT3 lamprophyres
- NT4 kimberlites
- NT3 nepheline basalts
- NT3 perlite
- NT3 rhyolites
- NT3 trachytes
- NT3 tuff

- NT1 metamorphic rocks

- NT2 amphibolites
- NT2 gneisses
- NT2 granulites
- NT2 marble
- NT2 quartzites
- NT2 schists
- NT2 serpentinites

- NT1 sedimentary rocks

- NT2 carbonate rocks
- NT3 limestone
- NT4 travertine
- NT2 chert
- NT2 conglomerates
- NT3 calcretes
- NT2 evaporites
- NT2 phosphate rocks
- NT3 phosphorites
- NT2 sandstones
- NT3 graywacke
- NT2 shales
- NT3 argillite
- NT3 oil shales
- NT4 black shales
- NT2 siltstones
- NT2 sinters

- NT1 synthetic rocks

- RT aquicludes
- RT aquifers
- RT basement rock
- RT cap rock
- RT concretions
- RT environmental materials
- RT geobarometry
- RT geologic strata
- RT lithology
- RT lunar materials

- RT minerals
- RT orogenesis
- RT overburden
- RT petrogenesis
- RT petrology
- RT reefs
- RT reservoir rock
- RT rock caverns
- RT rock-fluid interactions
- RT rock mechanics
- RT source rocks
- RT stone meteorites
- RT tectonics
- RT unconsolidated rock
- RT waste-rock interactions

rockwell flash hydroliquefaction process

2000-04-12

- USE cs-r process

ROCKWELL HARDNESS

- RT hardness

rockwell international process

INIS: 2000-04-12; ETDE: 1979-02-23

- SEE molten salt coal gasification process
- SEE molten salt waste gasification process

ROCKY FLATS PLANT

- *BT1 us aec
- *BT1 us doe
- *BT1 us erda
- RT colorado

rocky flats plant nuclear safety facility

1993-11-09

- USE nsf-rfp reactor

rocky mountain overthrust belt

INIS: 2000-04-12; ETDE: 1982-07-27

- USE western us overthrust belt

rocky mountain region

INIS: 2000-04-12; ETDE: 1977-10-20

(Prior to June 1982 this was a valid ETDE descriptor.)

- USE usa

ROCKY MOUNTAINS

- BT1 mountains
- RT canada
- RT usa

rod bundles

INIS: 1976-07-30; ETDE: 1975-07-29

(Prior to January 1995, this was a valid ETDE descriptor.)

- USE fuel element clusters

ROD DROP ACCIDENTS

- *BT1 reactivity-initiated accidents
- BT1 reactivity insertions
- RT control elements

ROD DROP METHOD

- RT control elements
- RT reactivity
- RT reactor kinetics

ROD EJECTION ACCIDENTS

- *BT1 reactivity-initiated accidents
- RT control elements
- RT reactivity insertions

ROD PUMPS

INIS: 2000-04-12; ETDE: 1984-03-19

- UF plunger pumps
- UF sucker rod pumps
- *BT1 pumps
- RT natural gas wells

RODENTS

1996-11-13

(Prior to March 1997 CHIPMUNKS was a valid ETDE descriptor.)

UF chipmunks
 UF kangaroo rat

*BT1 mammals

NT1 gerbils

NT1 guinea pigs

NT1 hamsters

NT1 mice

NT2 transgenic mice

NT1 prairie dogs

NT1 rats

NT1 squirrels

NT1 voles

RT disease vectors

RT pest control

RODS

RT cylinders

RT shape

RT wires

rods (control)

USE control elements

rods (fuel)

USE fuel rods

roentgen (exposure unit)

For studies concerning units, concepts, or definitions. See also DOSE EQUIVALENTS.

USE radiation dose units

roentgen equivalent man

For studies concerning units, concepts, or definitions. See also DOSE EQUIVALENTS.

USE radiation dose units

ROENTGENIUM

2006-01-11

(Prior to January 2006 ELEMENT 111 was used for this element.)

UF *eka-gold*

UF element 111

UF ununium

*BT1 transactinide elements

ROENTGENIUM 272

2006-01-11

(Prior to January 2006 ELEMENT 111 272 was used for this concept.)

UF element 111 272

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 roentgenium isotopes

ROENTGENIUM 273

2007-05-14

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 roentgenium isotopes

ROENTGENIUM 274

2007-05-14

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 roentgenium isotopes

ROENTGENIUM 279

2006-01-11

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 roentgenium isotopes

ROENTGENIUM 280

2006-01-11

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 roentgenium isotopes

*BT1 seconds living radioisotopes

ROENTGENIUM COMPOUNDS

2006-01-11

(Prior to January 2006 ELEMENT 111 COMPOUNDS was used for this concept.)

UF element 111 compounds

*BT1 transactinide compounds

ROENTGENIUM IONS

2018-01-24

*BT1 ions

ROENTGENIUM ISOTOPES

2006-01-11

(Prior to January 2006 ELEMENT 111 ISOTOPES was used for this concept.)

UF element 111 isotopes

BT1 isotopes

NT1 roentgenium 272

NT1 roentgenium 273

NT1 roentgenium 274

NT1 roentgenium 279

NT1 roentgenium 280

ROGOWSKI COIL

*BT1 electric coils

ROKKASHO REPROCESSING PLANT

2006-04-19

*BT1 fuel reprocessing plants

ROKKASHO URANIUM ENRICHMENT PLANT

2010-03-03

*BT1 centrifuge enrichment plants

RT japan

roll welding

USE forge welding

rolla research reactor

INIS: 1984-06-21; ETDE: 2002-05-11

USE umrr reactor

ROLLED-IN PRICING

INIS: 2000-04-12; ETDE: 1980-05-23

Weighted average cost of fuels; higher cost fuels averaged in with lower cost fuels.

BT1 prices

RT fuel substitution

RT fuels

RT marginal-cost pricing

ROLLER BEARINGS

BT1 bearings

ROLLING

*BT1 materials working

RT cladding

RT cold working

RT compacting

RT hot working

RT plating

ROLLING FRICTION

BT1 friction

RT gears

RT wear

rolphton npd-2 reactor

1977-01-25

(Prior to July 1985 this was valid ETDE descriptor.)

USE npd reactor

ROMANIA

UF rumania

BT1 developing countries

*BT1 eastern europe

RT black sea

RT centrally planned economies

RT danube river

ROMANIAN ORGANIZATIONS

1999-05-11

BT1 national organizations

romanian wwr-c reactor

USE wwr-s-bucharest reactor

ROMASHKA REACTOR

Kurchatov Inst., Russian Federation.

UF kurchatov institute romashka reactor

*BT1 research reactors

*BT1 solid homogeneous reactors

rombach process

2000-04-12

(Prior to July 1993, this was a valid ETDE descriptor.)

USE coal gasification

rome triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-05-11

USE triga-2-rome reactor

romeo event

INIS: 1994-10-14; ETDE: 1984-05-23

A test made during PROJECT CASTLE.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE atmospheric explosions

USE nuclear explosions

ROOF BOLTS

INIS: 1999-05-19; ETDE: 1976-07-07

*BT1 mining equipment

RT strata control

RT supports

ROOF PONDS

INIS: 2000-05-08; ETDE: 1979-02-27

*BT1 passive solar cooling systems

*BT1 passive solar heating systems

*BT1 solar ponds

RT roofs

ROOFS

INIS: 1986-04-04; ETDE: 1975-09-11

UF building envelope

BT1 mechanical structures

NT1 green roofs

RT buildings

RT roof ponds

ROOM AND PILLAR MINING

INIS: 1992-08-28; ETDE: 1977-07-23

*BT1 underground mining

RT coal mining

ROOPPUR REACTOR

UF rnpp-rooppur reactor

*BT1 pwr type reactors

ROOSEVELT HOT SPRINGS

INIS: 2000-04-12; ETDE: 1979-01-30

BT1 kgra

*BT1 utah

RT geothermal fields

ROOT ABSORPTION

UF absorption (root)

*BT1 absorption
BT1 uptake
RT roots

ROOTS

RT plants
RT root absorption
RT soils

ROPE PROCESS

INIS: 2000-04-12; ETDE: 1989-10-06
Recycle oil pyrolysis extraction.
RT oil sands
RT oil shales
RT pyrolysis
RT retorting

roper resonance

USE n-1440 baryons

ROPES

INIS: 2000-04-12; ETDE: 1978-10-30
RT cables
RT chains
RT wires

rort

INIS: 2000-04-12; ETDE: 1978-10-23
USE radial-outflow reaction turbines

ROSACEAE

INIS: 1992-01-13; ETDE: 1989-06-05
Rose family.
*BT1 magnoliopsida
NT1 strawberries
RT apples
RT apricots
RT cherries
RT peaches
RT pears
RT plums
RT raspberries

ROSATOM

2016-07-28
National nuclear corporation, Moscow, Russian Federation.
*BT1 russian organizations

ROSE BENGAL

BT1 dyes
*BT1 hydroxy acids
BT1 indicators
*BT1 organic chlorine compounds
*BT1 organic iodine compounds
BT1 reagents
RT phthalic acid

ROSE-METAL

2000-04-12
*BT1 bismuth alloys
*BT1 lead alloys
*BT1 tin alloys

ROSE PROCESS

INIS: 2000-04-12; ETDE: 1976-08-25
Residuum Oil Supercritical Extraction process involves use of variety of selective solvents for extractive treatment of reduced crude oils and vacuum residues.
RT residual fuels

rosenblum counters

USE spark counters

ROSENBLUTH FORMULA

RT cross sections
RT elastic scattering
RT four momentum transfer

rosenbluth-nelkin model

1996-07-23
(Until July 1996 this was a valid descriptor.)
SEE neutron transport theory

ROSENFELD FORCE

UF rosenfeld mixture
RT nucleon-nucleon potential
RT nucleons
RT potentials

rosenfeld mixture

USE rosenfeld force

ROSPO REACTOR

1986-10-29
Decommissioned since 1983.
UF casaccia rospo reactor
UF reattore organico sperimentale
potenza zero
*BT1 enriched uranium reactors
*BT1 organic moderated reactors
*BT1 tank type reactors
*BT1 zero power reactors

ROSSELAND APPROXIMATION

*BT1 approximations
RT boundary layers
RT heat transfer
RT thermal radiation

rossendorf assembly for critical experiments

INIS: 1993-11-09; ETDE: 1975-09-11
USE rake-2 reactor

rossendorf wwr-sm reactor

INIS: 1984-06-21; ETDE: 2002-05-11
USE wwr-sm rossendorf reactor

rossendorf zfk

1991-05-02
USE zfk rossendorf

ROSSI ALPHA METHOD

RT reactor period

ROSTOV-1 REACTOR

2015-03-31
Rostov NPP, Volgodonsk, Russian Federation.
*BT1 wwer type reactors

ROSTOV-2 REACTOR

2015-03-31
Rostov NPP, Volgodonsk, Russian Federation
*BT1 wwer type reactors

ROSTOV-3 REACTOR

2017-10-30
near Volgodonsk in Rostov Region, Russian Federation.
*BT1 wwer type reactors

ROTAMAK DEVICES

INIS: 1986-08-19; ETDE: 1986-09-05
A compact torus device in which a rotating magnetic field is used to maintain the toroidal plasma current.
*BT1 compact torus

ROTARY DRILLING

INIS: 2000-04-12; ETDE: 1977-03-08
BT1 drilling
RT drilling equipment
RT drilling fluids
RT rock drilling
RT well drilling

ROTARY DRILLS

INIS: 1997-06-19; ETDE: 1977-03-08
*BT1 drills
NT1 turbodrills
RT drill bits

RT rock drilling
RT well drilling

ROTARY ENGINES

INIS: 2000-04-12; ETDE: 1975-10-01
SF krov machine
*BT1 internal combustion engines
NT1 wankel engines
RT helical rotary screw expander

ROTARY SEPARATOR TURBINES

INIS: 2000-04-12; ETDE: 1980-03-04
*BT1 turbines
RT total flow systems

ROTATING CRYSTAL METHOD

BT1 diffraction methods
RT weissenberg method

ROTATING DISK REMOVAL SYSTEMS

INIS: 2000-04-12; ETDE: 1978-01-23
*BT1 pollution control equipment
RT oil spills
RT water pollution control

ROTATING GENERATORS

1999-06-30
*BT1 electric generators
NT1 superconducting generators

ROTATING PLASMA

INIS: 1981-08-31; ETDE: 1981-09-22
BT1 plasma

ROTATION

BT1 motion
RT angular momentum
RT backbending
RT coriolis force
RT guiding-center approximation
RT gyroscopes
RT moment of inertia
RT precession

ROTATION-VIBRATION MODEL

INIS: 1991-09-25; ETDE: 1991-12-05
*BT1 collective model
RT deformed nuclei
RT rotational states
RT vibrational states

rotational band

USE rotational states

ROTATIONAL INVARIANCE

BT1 invariance principles
RT axial symmetry

ROTATIONAL STATES

UF collective states (rotational)
UF rotational band
*BT1 excited states
RT backbending
RT rotation-vibration model

ROTATIONAL TRANSFORM

1999-07-26
The displacement of a magnetic line of force in a single circuit about a toroidal tube so that it does not close upon itself.
RT magnetic confinement
RT magnetic field configurations
RT magnetic fields
RT magnetic flux coordinates
RT magnetic surfaces
RT reversed-field pinch devices
RT reversed shear
RT sawtooth oscillations
RT shear
RT thermonuclear devices
RT tori
RT toroidal configuration

ROTIFERA

INIS: 1993-07-19; ETDE: 1983-04-28
A phylum of multicellular animals in the subkingdom eumetazoa.

BT1 aquatic organisms
 *BT1 invertebrates
 RT aquatic ecosystems
 RT fresh water

rotliegende epoch

INIS: 2000-04-12; ETDE: 1977-10-20
 USE permian period

ROTONS

BT1 quasi particles
 RT landau liquid helium theory
 RT vortex theory

ROTORS

SF krov machine
 NT1 darrieus rotors
 NT1 flywheels
 NT1 madaras rotors
 NT1 savonius rotors
 NT1 tipvane rotors
 RT armatures
 RT machine parts
 RT stators

rotterdam spot market

INIS: 1992-01-29; ETDE: 1979-12-10
 USE spot market

rough vacuum

SEE pressure range kilo pa
 SEE pressure range pa

ROUGHNESS

UF smoothness
 BT1 surface properties

rous sarcoma virus

INIS: 1976-03-25; ETDE: 1975-08-19
 USE oncogenic viruses

ROUTING

INIS: 1984-01-18; ETDE: 1983-09-15
 UF transportation routes
 RT evacuation
 RT external zones
 RT rail transport
 RT road transport
 RT waste transportation

ROVER REACTORS

UF rocket reactor experiment rover
 *BT1 experimental reactors
 *BT1 hydrogen cooled reactors
 *BT1 space propulsion reactors

ROVNO-1 REACTOR

INIS: 1984-08-23; ETDE: 1978-04-06
 *BT1 wwer type reactors

ROVNO-2 REACTOR

INIS: 1984-08-23; ETDE: 1978-04-06
 *BT1 wwer type reactors

ROVNO-3 REACTOR

INIS: 1984-08-23; ETDE: 1978-04-06
 *BT1 wwer type reactors

ROVNO-4 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
 *BT1 wwer type reactors

ROVNO-5 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
 *BT1 wwer type reactors

ROWE YANKEE REACTOR

Yankee Atomic Electric, Rowe, Massachusetts, USA. Shut down in 1991; decommissioned in 1995.

UF yankee rowe reactor
 *BT1 pwr type reactors

ROXBY DOWNS DEPOSIT

INIS: 1980-12-01; ETDE: 1981-01-09
 *BT1 uranium deposits
 RT olympic dam mine
 RT south australia
 RT uranium ores

royal jelly

2000-04-12
 (Prior to August 1996 this was a valid ETDE descriptor.)
 SEE radioprotective substances

ROYALTIES

INIS: 1999-03-04; ETDE: 1978-11-14
Payment to the owner or grantor as a share of the product or profit from the use of a property.
 BT1 income
 RT economics
 RT mineral resources
 RT profits

RP-0 REACTOR

2019-01-28
 Peruvian Nuclear Energy Institute, Lima, Peru.
 *BT1 heavy water cooled reactors
 *BT1 water moderated reactors
 *BT1 zero power reactors

RP-10 REACTOR

INIS: 1987-08-27; ETDE: 1987-10-02
 Peruvian Nuclear Energy Institute, Lima, Peru.
 *BT1 pool type reactors
 *BT1 research reactors

RPL DOSEMETERS

UF fluorod
 UF glass dosimeters
 UF radiophotoluminescent dosimeters
 *BT1 luminescent dosimeters
 RT phosphate glass

RPT REACTOR

Moscow, Russian Federation.
 UF mr-2 moscow reactor
 UF physical and technical research reactor moscow
 *BT1 enriched uranium reactors
 *BT1 lwgr type reactors
 *BT1 mixed spectrum reactors
 *BT1 research reactors
 *BT1 tank type reactors

rra

INIS: 1984-04-04; ETDE: 2002-05-11
 USE radioreceptor assay

rrc, kalpakkam

INIS: 1977-03-14; ETDE: 2002-05-11
 USE igcar

rscw reactor

USE wsur reactor

rsi avogadro reactor

USE avogadro rs-1 reactor

RTP REACTOR

1984-12-04
 Reaktor Triga Puspati.
 UF puspati triga reactor
 UF reactor triga puspati

UF triga puspati reactor
 *BT1 isotope production reactors
 *BT1 triga type reactors

RTP TOKAMAK

1993-08-03
 Rijnhuizen Tokamak Project, Netherlands.
 *BT1 tokamak devices

rtr method

INIS: 2000-04-12; ETDE: 1980-02-11
 USE ribbon-to-ribbon method

RTR REACTOR

Savannah River Plant, Aiken, South Carolina, USA.
 UF resonance test reactor savannah
 UF savannah river lab rtr reactor
 *BT1 heavy water moderated reactors
 *BT1 production reactors

RTS-1 REACTOR

Centre for Military Applications of Nuclear Energy, Pisa, Italy. Decommissioned since 2016.
 UF galileo galilei italy
 UF san piero a grado pisa reactor
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 test reactors
 *BT1 thermal reactors
 *BT1 training reactors

rubber (natural)

USE natural rubber

RUBBER INDUSTRY

INIS: 1993-09-01; ETDE: 1980-05-23
 BT1 industry
 RT rubbers

RUBBER TREES

1997-06-17
 *BT1 euphorbia
 *BT1 trees
 NT1 guayule
 NT1 hevea
 RT natural rubber

RUBBERS

*BT1 elastomers
 *BT1 organic polymers
 NT1 buna
 NT1 latex
 NT1 natural rubber
 NT1 silastic
 NT1 viton
 RT dielectric materials
 RT ethylene propylene diene polymers
 RT plasticizers
 RT rubber industry
 RT synthetic materials
 RT vulcanization

rubella virus

INIS: 1980-04-02; ETDE: 1980-05-06
 USE measles virus

rubeola

INIS: 1976-06-23; ETDE: 1976-08-24
 USE measles

rubeola virus

INIS: 1980-04-02; ETDE: 1980-05-06
 USE measles virus

RUBIDIUM

*BT1 alkali metals

RUBIDIUM 100*INIS: 1976-03-02; ETDE: 1975-11-11*

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 101

- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 102

- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 103*INIS: 1982-06-09; ETDE: 1982-07-08*

- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 71*2007-12-21*

- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 proton decay radioisotopes
- *BT1 rubidium isotopes

RUBIDIUM 72*2007-12-21*

- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 proton decay radioisotopes
- *BT1 rubidium isotopes

RUBIDIUM 73*INIS: 1992-09-23; ETDE: 1980-06-22*

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 74*INIS: 1977-06-14; ETDE: 1977-10-20*

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 75

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes
- *BT1 seconds living radioisotopes

RUBIDIUM 76

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 microseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes
- *BT1 seconds living radioisotopes

RUBIDIUM 77

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 78

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei

- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 79

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 80

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes
- *BT1 seconds living radioisotopes

RUBIDIUM 81

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 82

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 83

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 84

- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 84 TARGET*INIS: 1976-07-06; ETDE: 1976-08-24*

- BT1 targets

RUBIDIUM 85

- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes
- *BT1 stable isotopes

RUBIDIUM 85 TARGET*ETDE: 1976-07-09*

- BT1 targets

RUBIDIUM 86

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

- *BT1 rubidium isotopes

RUBIDIUM 87

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes
- *BT1 years living radioisotopes

RUBIDIUM 87 TARGET*ETDE: 1976-07-09*

- BT1 targets

RUBIDIUM 88

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 88 TARGET*INIS: 1980-07-24; ETDE: 1980-08-12*

- BT1 targets

RUBIDIUM 89

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 90

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 91

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes
- *BT1 seconds living radioisotopes

RUBIDIUM 92

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes
- *BT1 seconds living radioisotopes

RUBIDIUM 93

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes
- *BT1 seconds living radioisotopes

RUBIDIUM 94

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes
- *BT1 seconds living radioisotopes

RUBIDIUM 95

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 96

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 97

- *BT1 beta-minus decay radioisotopes

- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM 98

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rubidium isotopes

RUBIDIUM 99

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rubidium isotopes

RUBIDIUM ADDITIONS

Alloys containing not more than 1% Rb are listed here.

- *BT1 rubidium alloys

RUBIDIUM ALLOYS

Alloys containing more than 1% Rb.

- BT1 alloys
- NT1 rubidium additions
- NT1 rubidium base alloys

RUBIDIUM BASE ALLOYS

- *BT1 rubidium alloys

RUBIDIUM BROMIDES

- *BT1 bromides
- *BT1 rubidium halides

RUBIDIUM CARBIDES

INIS: 1981-02-27; ETDE: 1976-03-22

- *BT1 carbides
- *BT1 rubidium compounds

RUBIDIUM CARBONATES

- *BT1 carbonates
- *BT1 rubidium compounds

RUBIDIUM CHLORIDES

- *BT1 chlorides
- *BT1 rubidium halides

RUBIDIUM COMPLEXES

- *BT1 alkali metal complexes

RUBIDIUM COMPOUNDS

1997-06-19

- BT1 alkali metal compounds
- NT1 rubidium carbides
- NT1 rubidium carbonates
- NT1 rubidium halides
- NT2 rubidium bromides
- NT2 rubidium chlorides
- NT2 rubidium fluorides
- NT2 rubidium iodides
- NT1 rubidium hydrides
- NT1 rubidium hydroxides
- NT1 rubidium nitrates
- NT1 rubidium oxides
- NT1 rubidium perchlorates
- NT1 rubidium phosphates
- NT1 rubidium selenides
- NT1 rubidium silicates
- NT1 rubidium silicides
- NT1 rubidium sulfates
- NT1 rubidium sulfides
- NT1 rubidium tellurides
- NT1 rubidium tungstates
- NT1 rubidium uranates

RUBIDIUM FLUORIDES

- *BT1 fluorides
- *BT1 rubidium halides

RUBIDIUM HALIDES

2012-07-25

- *BT1 halides
- *BT1 rubidium compounds
- NT1 rubidium bromides
- NT1 rubidium chlorides
- NT1 rubidium fluorides
- NT1 rubidium iodides

RUBIDIUM HYDRIDES

- *BT1 hydrides
- *BT1 rubidium compounds

RUBIDIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 rubidium compounds

RUBIDIUM IODIDES

- *BT1 iodides
- *BT1 rubidium halides

RUBIDIUM IONS

- *BT1 ions

RUBIDIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 rubidium 100
- NT1 rubidium 101
- NT1 rubidium 102
- NT1 rubidium 103
- NT1 rubidium 71
- NT1 rubidium 72
- NT1 rubidium 73
- NT1 rubidium 74
- NT1 rubidium 75
- NT1 rubidium 76
- NT1 rubidium 77
- NT1 rubidium 78
- NT1 rubidium 79
- NT1 rubidium 80
- NT1 rubidium 81
- NT1 rubidium 82
- NT1 rubidium 83
- NT1 rubidium 84
- NT1 rubidium 85
- NT1 rubidium 86
- NT1 rubidium 87
- NT1 rubidium 88
- NT1 rubidium 89
- NT1 rubidium 90
- NT1 rubidium 91
- NT1 rubidium 92
- NT1 rubidium 93
- NT1 rubidium 94
- NT1 rubidium 95
- NT1 rubidium 96
- NT1 rubidium 97
- NT1 rubidium 98
- NT1 rubidium 99

RUBIDIUM NITRATES

- *BT1 nitrates
- *BT1 rubidium compounds

RUBIDIUM OXIDES

- *BT1 oxides
- *BT1 rubidium compounds

RUBIDIUM PERCHLORATES

2000-04-12

- *BT1 perchlorates
- *BT1 rubidium compounds

RUBIDIUM PHOSPHATES

- *BT1 phosphates
- *BT1 rubidium compounds

RUBIDIUM SELENIDES

INIS: 1991-09-16; ETDE: 1980-09-05

- *BT1 rubidium compounds
- *BT1 selenides

RUBIDIUM SILICATES

INIS: 1977-01-26; ETDE: 1976-11-01

- *BT1 rubidium compounds
- *BT1 silicates

RUBIDIUM SILICIDES

INIS: 1991-09-16; ETDE: 1977-01-10

- *BT1 rubidium compounds
- *BT1 silicides

RUBIDIUM SULFATES

- *BT1 rubidium compounds
- *BT1 sulfates

RUBIDIUM SULFIDES

INIS: 1991-09-16; ETDE: 1976-02-19

- *BT1 rubidium compounds
- *BT1 sulfides

RUBIDIUM TELLURIDES

INIS: 2000-04-12; ETDE: 1979-05-03

- *BT1 rubidium compounds
- *BT1 tellurides

RUBIDIUM TUNGSTATES

1978-05-19

- *BT1 rubidium compounds
- *BT1 tungstates

RUBIDIUM URANATES

INIS: 1975-11-27; ETDE: 1975-08-19

- *BT1 rubidium compounds
- *BT1 uranates

RUBREDOXIN

INIS: 2000-04-12; ETDE: 1982-08-24

- *BT1 metalloproteins
- RT ferredoxin
- RT iron complexes

RUBY

- *BT1 corundum

RUBY LASERS

- *BT1 solid state lasers

RUDERMAN-KITTEL COUPLING

- BT1 coupling

RUDSTAM FORMULA

- RT spallation

RUHR 100 GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1983-04-07

The Ruhr 100 gasifier is basically a Lurgi type gasifier with modifications for high pressure operation.

- *BT1 coal gasification

rulison event

1994-10-14

A test made during OPERATION MANDREL.

(Prior to September 1994, this was a valid ETDE descriptor.)

- USE nuclear explosions
- USE underground explosions

RUM JUNGLE MINE

INIS: 1999-10-28; ETDE: 1999-11-01

(Until October 1999 this was spelled RUM JUNGLE.)

UF rum jungle project

- *BT1 uranium mines
- RT australia

rum jungle project

2000-04-12

- USE rum jungle mine

rumania

- USE romania

rumen

- USE ruminants

USE stomach

RUMINANTS

1996-11-13

(Prior to March 1997 ANTELOPES was a valid ETDE descriptor.)

UF antelopes

UF rumen

*BT1 mammals

NT1 buffalo

NT1 camels

NT1 cattle

NT2 calves

NT2 cows

NT1 deer

NT1 goats

NT1 llamas

NT1 sheep

runaway (reactor accident)

USE excursions

RUNAWAY ELECTRONS

*BT1 electrons

RT tail electrons

RUNGE-KUTTA METHOD

INIS: 1981-03-23; ETDE: 1978-08-07

A self-optimizing interpolation method.

*BT1 iterative methods

*BT1 numerical solution

RT differential equations

RT interpolation

RT mathematics

RUNOFF

INIS: 1992-02-23; ETDE: 1978-07-05

*BT1 environmental transport

RT atmospheric precipitations

RT drainage

RT floods

RT interception

RT rain water

RT settling ponds

RT storms

RT throughfall

RT watersheds

rupture disks

1986-04-04

USE relief valves

RUPTURES

BT1 failures

RT fracture properties

RT fractures

RURAL AREAS

RT boom towns

RT remote areas

RT residential sector

RT rural energy centers

RT rural populations

rural electrification administration

INIS: 2000-04-12; ETDE: 1979-09-06

USE us rea

RURAL ENERGY CENTERS

INIS: 2000-04-12; ETDE: 1977-08-09

Centers to improve the basic living environment by exploiting renewable energy at the rural level.

RT developing countries

RT energy facilities

RT energy parks

RT rural areas

RURAL POPULATIONS

*BT1 human populations

RT rural areas

russell-saunders coupling

USE l-s coupling

russellville-1 arkansas reactor

1993-11-09

USE arkansas-1 reactor

russellville-2 arkansas reactor

1993-11-09

USE arkansas-2 reactor

RUSSIAN FEDERATION

INIS: 1997-08-20; ETDE: 1992-12-03

(Until January 1993, this was indexed by USSR.)

SF soviet union

SF union of soviet socialist republics

SF ussr

*BT1 eastern europe

NT1 dubna

NT1 kamchatka

NT1 kurile islands

NT1 lovozero

NT1 novaya zemlya

NT1 siberia

RT caspian sea

RT caucasus

RT kyshtym plant

RT mayak plant

RT sami people

RT techa river

RT urals

RT volga river

RUSSIAN ORGANIZATIONS

1997-07-30

(Until July 1997 this concept was indexed to USSR ORGANIZATIONS.)

UF ussr organizations

BT1 national organizations

NT1 gosatomnadzor rossii

NT1 nrc kurchatov institute

NT2 ihep

NT2 itep

NT2 st petersburg institute of nuclear physics

NT1 rosatom

russian state nuclear and radiation safety authority

INIS: 2000-04-12; ETDE: 1997-08-23

USE gosatomnadzor rossii

russian thistle

INIS: 2000-04-12; ETDE: 1981-04-17

(Prior to March 1997 TUMBLEWEEDS was used for this concept in ETDE.)

USE magnoliopsida

RUTHENIUM

*BT1 platinum metals

*BT1 refractory metals

RUTHENIUM 100

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

*BT1 stable isotopes

RUTHENIUM 100 TARGET

ETDE: 1976-07-09

BT1 targets

RUTHENIUM 101

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

*BT1 stable isotopes

RUTHENIUM 101 TARGET

INIS: 1976-10-07; ETDE: 1976-11-01

BT1 targets

RUTHENIUM 102

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

*BT1 stable isotopes

RUTHENIUM 102 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09

BT1 targets

RUTHENIUM 103

*BT1 beta-minus decay radioisotopes

*BT1 days living radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

RUTHENIUM 103 TARGET

INIS: 1984-02-23; ETDE: 1981-08-21

BT1 targets

RUTHENIUM 104

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

*BT1 stable isotopes

RUTHENIUM 104 REACTIONS

INIS: 1984-08-23; ETDE: 1984-09-20

*BT1 heavy ion reactions

RUTHENIUM 104 TARGET

ETDE: 1976-07-09

BT1 targets

RUTHENIUM 105

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

RUTHENIUM 106

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

*BT1 years living radioisotopes

RUTHENIUM 107

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

*BT1 ruthenium isotopes

RUTHENIUM 108

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

*BT1 ruthenium isotopes

RUTHENIUM 109

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

*BT1 seconds living radioisotopes

RUTHENIUM 110

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

*BT1 seconds living radioisotopes

RUTHENIUM 111

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 ruthenium isotopes

*BT1 seconds living radioisotopes

RUTHENIUM 112

1979-01-18

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes
- *BT1 seconds living radioisotopes

RUTHENIUM 113

INIS: 1979-01-18; ETDE: 1979-02-23

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes
- *BT1 seconds living radioisotopes

RUTHENIUM 114

1993-03-09

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 ruthenium isotopes

RUTHENIUM 115

2007-06-06

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 ruthenium isotopes

RUTHENIUM 116

2007-06-06

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 ruthenium isotopes

RUTHENIUM 117

2007-06-06

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 ruthenium isotopes

RUTHENIUM 118

2007-06-06

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 ruthenium isotopes

RUTHENIUM 119

2007-06-06

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes

RUTHENIUM 120

2007-06-06

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes

RUTHENIUM 87

2007-06-06

- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 microseconds living radioisotopes
- *BT1 ruthenium isotopes

RUTHENIUM 88

1995-02-27

- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei

- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes

RUTHENIUM 89

1999-09-22

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes
- *BT1 seconds living radioisotopes

RUTHENIUM 90

INIS: 1996-11-27; ETDE: 1996-01-12

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes
- *BT1 seconds living radioisotopes

RUTHENIUM 91

1983-09-05

- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes
- *BT1 seconds living radioisotopes

RUTHENIUM 92

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 ruthenium isotopes

RUTHENIUM 93

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 ruthenium isotopes
- *BT1 seconds living radioisotopes

RUTHENIUM 94

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 ruthenium isotopes

RUTHENIUM 95

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes

RUTHENIUM 96

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes
- *BT1 stable isotopes

RUTHENIUM 96 TARGET

ETDE: 1976-07-09

BT1 targets

RUTHENIUM 97

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes

RUTHENIUM 98

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes
- *BT1 stable isotopes

RUTHENIUM 98 TARGET

1979-02-21

BT1 targets

RUTHENIUM 99

- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 ruthenium isotopes
- *BT1 stable isotopes

RUTHENIUM 99 TARGET

INIS: 1978-11-24; ETDE: 1978-12-20

BT1 targets

RUTHENIUM ADDITIONS

Alloys containing not more than 1% Ru are listed here.

- *BT1 ruthenium alloys

RUTHENIUM ALLOYS

Alloys containing more than 1% Ru.

- *BT1 platinum metal alloys
- NT1 ruthenium additions
- NT1 ruthenium base alloys

RUTHENIUM ARSENIDES

INIS: 2000-04-12; ETDE: 1984-06-14

- *BT1 arsenides
- *BT1 ruthenium compounds

RUTHENIUM BASE ALLOYS

- *BT1 ruthenium alloys

RUTHENIUM BORIDES

1976-02-05

- *BT1 borides
- *BT1 ruthenium compounds

RUTHENIUM BROMIDES

INIS: 1977-06-13; ETDE: 1977-10-20

- *BT1 bromides
- *BT1 ruthenium halides

RUTHENIUM CARBIDES

- *BT1 carbides
- *BT1 ruthenium compounds

RUTHENIUM CHLORIDES

- *BT1 chlorides
- *BT1 ruthenium halides

RUTHENIUM COMPLEXES

- *BT1 transition element complexes

RUTHENIUM COMPOUNDS

1997-06-19

- BT1 refractory metal compounds
- BT1 transition element compounds
- NT1 ruthenium arsenides
- NT1 ruthenium borides
- NT1 ruthenium carbides
- NT1 ruthenium halides
- NT2 ruthenium bromides
- NT2 ruthenium chlorides
- NT2 ruthenium fluorides
- NT1 ruthenium hydrides
- NT1 ruthenium hydroxides
- NT1 ruthenium nitrates
- NT1 ruthenium nitrides
- NT1 ruthenium nitrosyls
- NT1 ruthenium oxides
- NT1 ruthenium phosphides
- NT1 ruthenium selenides
- NT1 ruthenium silicides
- NT1 ruthenium sulfates
- NT1 ruthenium sulfides
- NT1 ruthenium tellurides

RUTHENIUM FLUORIDES

- *BT1 fluorides
- *BT1 ruthenium halides

RUTHENIUM HALIDES*2012-07-25*

- *BT1 halides
- *BT1 ruthenium compounds
- NT1 ruthenium bromides
- NT1 ruthenium chlorides
- NT1 ruthenium fluorides

RUTHENIUM HYDRIDES*INIS: 1976-02-05; ETDE: 1975-10-28*

- *BT1 hydrides
- *BT1 ruthenium compounds

RUTHENIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 ruthenium compounds

RUTHENIUM IONS

- *BT1 ions

RUTHENIUM ISOTOPES*1999-07-16*

- BT1 isotopes
- NT1 ruthenium 100
- NT1 ruthenium 101
- NT1 ruthenium 102
- NT1 ruthenium 103
- NT1 ruthenium 104
- NT1 ruthenium 105
- NT1 ruthenium 106
- NT1 ruthenium 107
- NT1 ruthenium 108
- NT1 ruthenium 109
- NT1 ruthenium 110
- NT1 ruthenium 111
- NT1 ruthenium 112
- NT1 ruthenium 113
- NT1 ruthenium 114
- NT1 ruthenium 115
- NT1 ruthenium 116
- NT1 ruthenium 117
- NT1 ruthenium 118
- NT1 ruthenium 119
- NT1 ruthenium 120
- NT1 ruthenium 87
- NT1 ruthenium 88
- NT1 ruthenium 89
- NT1 ruthenium 90
- NT1 ruthenium 91
- NT1 ruthenium 92
- NT1 ruthenium 93
- NT1 ruthenium 94
- NT1 ruthenium 95
- NT1 ruthenium 96
- NT1 ruthenium 97
- NT1 ruthenium 98
- NT1 ruthenium 99

RUTHENIUM NITRATES

- *BT1 nitrates
- *BT1 ruthenium compounds

RUTHENIUM NITRIDES*INIS: 2000-04-12; ETDE: 1975-12-16*

- *BT1 nitrides
- *BT1 ruthenium compounds

RUTHENIUM NITROSYLS

- *BT1 ruthenium compounds

RUTHENIUM OXIDES

- *BT1 oxides
- *BT1 ruthenium compounds

RUTHENIUM PHOSPHIDES*1978-07-03*

- *BT1 phosphides
- *BT1 ruthenium compounds

RUTHENIUM SELENIDES*INIS: 1991-09-16; ETDE: 1976-04-19*

- *BT1 ruthenium compounds

- *BT1 selenides

RUTHENIUM SILICIDES*INIS: 1986-07-09; ETDE: 1985-10-25*

- *BT1 ruthenium compounds
- *BT1 silicides

RUTHENIUM SULFATES

- *BT1 ruthenium compounds
- *BT1 sulfates

RUTHENIUM SULFIDES*INIS: 1978-11-24; ETDE: 1978-12-20*

- *BT1 ruthenium compounds
- *BT1 sulfides

RUTHENIUM TELLURIDES*INIS: 1991-09-16; ETDE: 1977-03-04*

- *BT1 ruthenium compounds
- *BT1 tellurides

rutherford backscattering**spectrometry***2002-11-25*

- USE rutherford backscattering spectroscopy

RUTHERFORD BACKSCATTERING SPECTROSCOPY*2002-11-25*

(Prior to Dec 2002 RUTHERFORD SCATTERING + BACKSCATTERING was used for this concept.)

- UF *rbs*
- UF *rutherford backscattering spectrometry*
- BT1 spectroscopy
- RT backscattering
- RT ion spectroscopy
- RT rutherford scattering

RUTHERFORD SCATTERING

- *BT1 elastic scattering
- RT rutherford backscattering spectroscopy

rutherfordite*1997-01-28*

(Until October 1996 this was a valid descriptor.)

- USE carbonate minerals
- USE uranium minerals

RUTHERFORDIUM*2004-03-12*

(Prior to March 2004 ELEMENT 104 was used for this element.)

- UF *eka-hafnium*
- UF *element 104*
- UF *kurchatovium*
- UF *unnilquadium*
- *BT1 transactinide elements

RUTHERFORDIUM 253*2004-03-12*

(Prior to March 2004 ELEMENT 104 253 was used for this concept.)

- UF *element 104 253*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 rutherfordium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 254*2004-03-12*

(Prior to March 2004 ELEMENT 104 254 was used for this concept.)

- UF *element 104 254*
- *BT1 alpha decay radioisotopes

- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 microseconds living radioisotopes
- *BT1 milliseconds living radioisotopes
- *BT1 rutherfordium isotopes
- *BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 255*2004-03-12*

(Prior to March 2004 ELEMENT 104 255 was used for this concept.)

- UF *element 104 255*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 rutherfordium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 256*2004-03-12*

(Prior to March 2004 ELEMENT 104 256 was used for this concept.)

- UF *element 104 256*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 rutherfordium isotopes
- *BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 257*2004-03-12*

(Prior to March 2004 ELEMENT 104 257 was used for this concept.)

- UF *element 104 257*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 rutherfordium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 258*2004-03-12*

(Prior to March 2004 ELEMENT 104 258 was used for this concept.)

- UF *element 104 258*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 rutherfordium isotopes
- *BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 259*2004-03-12*

(Prior to March 2004 ELEMENT 104 259 was used for this concept.)

- UF *element 104 259*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 rutherfordium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 260*2004-03-12*

(Prior to March 2004 ELEMENT 104 260 was used for this concept.)

- UF *element 104 260*
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 rutherfordium isotopes
- *BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 261

2004-03-12

(Prior to March 2004 ELEMENT 104 261 was used for this concept.)

UF *element 104 261*

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 rutherfordium isotopes

*BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 262

2004-03-15

(Prior to March 2004 ELEMENT 104 262 was used for this concept.)

UF *element 104 262*

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 rutherfordium isotopes

*BT1 seconds living radioisotopes

*BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 263

2004-03-15

(Prior to March 2004 ELEMENT 104 263 was used for this concept.)

UF *element 104 263*

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 rutherfordium isotopes

*BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 264

2007-12-21

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 rutherfordium isotopes

RUTHERFORDIUM 265

2007-12-21

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 rutherfordium isotopes

RUTHERFORDIUM 266

2007-12-21

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 rutherfordium isotopes

RUTHERFORDIUM 267

2007-12-21

*BT1 even-odd nuclei

*BT1 heavy nuclei

*BT1 rutherfordium isotopes

*BT1 spontaneous fission radioisotopes

RUTHERFORDIUM 268

2007-12-21

*BT1 even-even nuclei

*BT1 heavy nuclei

*BT1 rutherfordium isotopes

RUTHERFORDIUM CHLORIDES

2004-03-15

(Prior to March 2004 ELEMENT 104 CHLORIDES was used for this concept.)

UF *element 104 chlorides*

*BT1 chlorides

*BT1 rutherfordium halides

RUTHERFORDIUM COMPLEXES

2004-03-15

(Prior to March 2004 ELEMENT 104 COMPLEXES was used for this concept.)

UF *element 104 complexes*

*BT1 transactinide complexes

RUTHERFORDIUM COMPOUNDS

2004-03-15

(Prior to March 2004 ELEMENT 104 COMPOUNDS was used for this concept.)

UF *element 104 compounds*

*BT1 transactinide compounds

NT1 rutherfordium halides

NT2 rutherfordium chlorides

RUTHERFORDIUM HALIDES

2012-07-25

*BT1 halides

*BT1 rutherfordium compounds

NT1 rutherfordium chlorides

RUTHERFORDIUM IONS

2018-01-24

*BT1 ions

RUTHERFORDIUM ISOTOPES

2004-03-12

(Prior to March 2004 ELEMENT 104 ISOTOPES was used for this concept.)

UF *element 104 isotopes*

BT1 isotopes

NT1 rutherfordium 253

NT1 rutherfordium 254

NT1 rutherfordium 255

NT1 rutherfordium 256

NT1 rutherfordium 257

NT1 rutherfordium 258

NT1 rutherfordium 259

NT1 rutherfordium 260

NT1 rutherfordium 261

NT1 rutherfordium 262

NT1 rutherfordium 263

NT1 rutherfordium 264

NT1 rutherfordium 265

NT1 rutherfordium 266

NT1 rutherfordium 267

NT1 rutherfordium 268

RUTILE

*BT1 oxide minerals

*BT1 radioactive minerals

RT titanium oxides

RV-1 REACTOR*Venezuelan Scientific Research Institute, IVIC, Caracas, Venezuela.**UF* *reactor venezolano-1*

*BT1 enriched uranium reactors

*BT1 materials testing reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 training reactors

RWANDA

INIS: 1991-10-22; ETDE: 1979-12-10

BT1 africa

BT1 developing countries

rwe-bayernwerk-a reactor

INIS: 1975-08-20; ETDE: 2002-05-11

USE rwe-bayernwerk reactor

rwe-bayernwerk-b reactor

INIS: 1975-08-20; ETDE: 1976-05-19

USE gundremmingen-2 reactor

rwe-bayernwerk-c reactor

INIS: 1975-08-20; ETDE: 1976-05-19

USE gundremmingen-3 reactor

RWE-BAYERNWERK REACTOR*Gundremmingen, Federal Republic of Germany. Permanent shutdown since January 1977.**UF* *gundremmingen-1 reactor**UF* *gundremminger krb reactor**UF* *kernkraftwerk rwe-bayernwerk**UF* *krb reactor**UF* *rwe-bayernwerk-a reactor*

*BT1 bwr type reactors

rwsu reactor

USE wsur reactor

rydberg constant

(Prior to March 1997 this was a valid ETDE descriptor.)

USE fundamental constants

RYDBERG CORRECTION

BT1 corrections

RT balmer lines

RT energy levels

RT energy spectra

RT rydberg states

RYDBERG EQUATION

BT1 equations

RYDBERG-KLEIN-REES METHOD*UF* *rkr method*

BT1 calculation methods

RT electronic structure

RT spectra

RT vibrational states

RYDBERG STATES

1981-04-03

(Prior to April 1981, this concept in ETDE was indexed to RYDBERG CORRECTION.)

*BT1 excited states

RT electronic structure

RT rydberg correction

RYE

1996-07-18

UF *secale*

*BT1 cereals

s-1000 resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE mesons

s-1930 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE x-1935 mesons

s-993 resonances

INIS: 1987-12-21; ETDE: 1979-09-26

(Prior to December 1987 this was a valid descriptor.)

USE f0-980 mesons

S ANTIQUARKS

2007-06-26

*BT1 antiquarks

*BT1 s quarks

s-branes

2007-08-13

USE branes

S CENTERS

INIS: 1978-04-21; ETDE: 1978-07-06

*BT1 color centers

S CHANNEL

RT mandelstam representation

RT particle interactions

RT t channel

RT u channel

S CODES

BT1 computer codes

S MATRIX*UF* *collision matrix**UF* *t matrix*

BT1 matrices
 RT analytic functions
 RT detailed balance principle
 RT landau curves
 RT quantum field theory
 RT scattering
 RT scattering amplitudes
 RT singularity
 RT unitarity
 RT unitary pole approximation
 RT yang-feldman formalism

S-N DIAGRAM

*BT1 diagrams
 RT fatigue
 RT materials testing
 RT stresses

S PROCESS

Slow process in stellar nucleosynthesis.

*BT1 star evolution
 RT nucleosynthesis
 RT stars

S QUARKS

INIS: 1995-09-08; ETDE: 1995-10-03

*BT1 quarks
 *BT1 strange particles
 NT1 s antiquarks
 RT strangeonium

S STATES

BT1 energy levels

S WAVES

For seismic waves use SEISMIC S WAVES.

BT1 partial waves
 RT angular momentum
 RT quantum mechanics

s waves (seismic)

INIS: 1980-05-14; ETDE: 1976-11-17

USE seismic s waves

S10FS-1 REACTOR

Atomics International Div., Rockwell International, Canoga Park, California, USA.

UF snap-10a flight system test-1
 *BT1 nak cooled reactors
 *BT1 snap 10 reactor

S10FS-3 REACTOR

Atomics International Div., Rockwell International, Canoga Park, California, USA.

UF snap-10a flight system test-3
 *BT1 nak cooled reactors
 *BT1 snap 10 reactor

S10FS-4 REACTOR

Atomics International Div., Rockwell International, Canoga Park, California, USA.

UF snap-10a flight system test-4
 *BT1 nak cooled reactors
 *BT1 snap 10 reactor

S1C PROTOTYPE REACTOR

KAPL, Niskayuna, New York, USA.

*BT1 mobile reactors
 *BT1 pwr type reactors
 *BT1 test reactors

S2DS REACTOR

Atomics International Div., Rockwell International, Canoga Park, California, USA.

UF snap-2 developmental system
 *BT1 nak cooled reactors
 *BT1 snap 2 reactor

s4 reactor

2000-04-12

SEE snap reactors

S8DR REACTOR

Atomics International Div., Rockwell International, Canoga Park, California, USA.

UF snap-8 developmental reactor
 *BT1 nak cooled reactors
 *BT1 snap 8 reactor

S8ER REACTOR

Atomics International Div., Rockwell International, Canoga Park, California, USA.

UF snap-8 experimental reactor
 *BT1 nak cooled reactors
 *BT1 snap 8 reactor

s8g prototype reactor

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

USE ship propulsion reactors

SAARBERG-HOLTER PROCESS

INIS: 2000-04-12; ETDE: 1979-05-09

A wet lime scrubbing process with additives; gypsum by-product.

*BT1 desulfurization
 RT waste processing

SAARBERG-OTTO GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1977-11-09

High-temperature process with concurrent flow carburetor operating at 25 bar and below the melting point of slag.

*BT1 coal gasification

saas

INIS: 1991-05-02; ETDE: 1985-08-09

(Prior to May 1991, this was a valid descriptor.)

USE bundesamt fuer strahlenschutz

SABOTAGE

(From May 1987 till March 1997 terrorism was a valid ETDE descriptor.)

SF terrorism
 NT1 cyber attacks
 RT hazards
 RT human intrusion
 RT physical protection
 RT safety
 RT secrecy protection
 RT security
 RT security personnel
 RT theft
 RT vulnerability

SABUGALITE

2000-04-12

*BT1 uranium minerals
 RT aluminium phosphates
 RT uranium phosphates

SACCHARIDES

1996-06-28

UF amino sugars
 UF aminoglycides
 UF glycides
 UF sugars
 *BT1 carbohydrates
 NT1 glycolipids
 NT2 cerebroside
 NT2 gangliosides
 NT1 glycoproteins
 NT2 avidin
 NT2 glucoproteins
 NT3 lactoferrin
 NT3 ovalbumin
 NT2 luteinizing hormone
 NT1 monosaccharides
 NT2 erythritol
 NT2 hexoses

NT3 fructose
 NT3 galactose
 NT3 glucose
 NT3 hexosamines
 NT4 glucosamine
 NT3 mannose
 NT3 sorbose
 NT2 inositols
 NT3 inositol
 NT2 pentoses
 NT3 arabinose
 NT3 deoxyribose
 NT3 ribose
 NT3 ribulose
 NT3 xylose
 NT2 sorbitol

NT1 oligosaccharides
 NT2 disaccharides
 NT3 cellobiose
 NT3 lactose
 NT3 maltose
 NT3 saccharose
 NT2 raffinose
 NT1 polysaccharides
 NT2 agar
 NT2 alginic acid
 NT2 cellophane
 NT2 cellulose
 NT2 dextran
 NT2 dextrin
 NT2 glycogen
 NT2 gum acacia
 NT2 hemicellulose
 NT3 xylans
 NT2 inulin
 NT2 lignin
 NT2 lipopolysaccharides
 NT2 mucopolysaccharides
 NT3 chitin
 NT3 chondroitin
 NT3 heparin
 NT3 hyaluronic acid
 NT2 mucoproteins
 NT3 haptoglobins
 NT3 intrinsic factor
 NT3 phytohemagglutinin
 NT2 nitrocellulose
 NT2 pectins
 NT2 rayon
 NT2 starch
 NT2 viscose
 NT2 xanthan gum
 RT glycolysis
 RT hyperglycemia
 RT molasses
 RT sugar industry

SACCHARIFICATION

INIS: 2000-04-12; ETDE: 1980-06-06

Hydrolysis into a simple soluble fermentable sugar.

(Prior to June 1980 this concept in ETDE was indexed by HYDROLYSIS.)

*BT1 hydrolysis
 RT fermentation

SACCHARIN

*BT1 organic oxygen compounds
 *BT1 thiazoles

SACCHAROMYCES

*BT1 yeasts
 NT1 saccharomyces cerevisiae

SACCHAROMYCES CEREVISIAE

*BT1 saccharomyces

SACCHAROSE

UF sucrose
 UF sugar
 *BT1 disaccharides

RT sugar industry

saclay (cea)

USE cea saclay

SACLAY LINAC

*BT1 linear accelerators

saclay synchrotron

USE saturne

sacramento rancho seco-1 reactor

INIS: 1993-11-09; ETDE: 2002-06-13

USE rancho seco-1 reactor

sacramento rancho seco-2 reactor

INIS: 1993-11-09; ETDE: 2002-06-13

USE rancho seco-2 reactor

SADDLE-POINT METHOD

BT1 calculation methods

RT mathematics

SAFARI-1 REACTOR

South African Nuclear Energy Corporation, Pretoria, South Africa.

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 test reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

safe low power critical experiment

INIS: 1979-12-20; ETDE: 1980-01-24

USE slowpoke type reactors

SAFEGUARD REGULATIONS

*BT1 regulations

RT nuclear materials possession

RT safeguards

SAFEGUARDS

1998-06-10

Those measures designed to guard against the diversion of material such as source and special nuclear material from uses permitted by law or treaty, and to give timely indication of possible diversion or credible assurance that no diversion has occurred.

NT1 domestic safeguards

NT1 iaea safeguards

RT abacc

RT accounting

RT atomic energy control

RT ctbt

RT ctbt

RT denatured fuel

RT detection

RT dual-use technologies

RT identification systems

RT inspection

RT intrusion detection systems

RT inventories

RT legal aspects

RT losses

RT material balance area

RT material unaccounted for

RT motion detection systems

RT non-proliferation treaty

RT nuclear disarmament

RT nuclear forensics

RT nuclear materials diversion

RT nuclear materials management

RT nuclear materials possession

RT physical protection

RT physical protection devices

RT proliferation

RT safeguard regulations

RT security personnel

RT security seals

RT strategic points

RT vulnerability

SAFETY

1997-06-17

For general aspects of safety and protection of personnel.

UF protection

UF protection (safety)

NT1 occupational safety

NT1 reactor safety

RT accident management

RT accidents

RT alara

RT civil defense

RT damage

RT emergency plans

RT engineered safety systems

RT ethical aspects

RT failures

RT fire detectors

RT fire extinguishers

RT fire fighting

RT fire prevention

RT hazards

RT health hazards

RT human factors

RT human factors engineering

RT injuries

RT mine rescue

RT personnel

RT quality assurance

RT quality control

RT radiation protection

RT sabotage

RT safety analysis

RT safety engineering

RT safety reports

RT safety showers

RT safety standards

RT security

RT us occupational safety and health act

RT working conditions

safety (nuclear)

USE radiation protection

safety (reactor)

2000-04-12

USE reactor safety

SAFETY ANALYSIS

INIS: 1976-12-08; ETDE: 1991-03-07

RT deterministic estimation

RT licensing regulations

RT probabilistic estimation

RT public relations

RT risk assessment

RT safety

RT safety reports

SAFETY CULTURE

2003-01-17

That group of attitudes and characteristics which establishes that safety issues receive significant attention.

UF culture (safety)

UF nuclear safety culture

BT1 attitudes

RT behavior

RT education

RT ethical aspects

RT human factors

RT quality assurance

RT reactor maintenance

RT reactor operation

RT reactor operators

RT safety engineering

SAFETY ENGINEERING

1999-07-06

BT1 engineering

RT alarm systems

RT engineered safety systems

RT fires

RT freeze protection

RT hazards

RT human factors

RT pressure release

RT reactor safety

RT safety

RT safety culture

RT safety margins

RT seismic isolation

RT smoke detectors

RT systems analysis

SAFETY INJECTION

1995-05-02

UF boron injection

RT eccs

RT reactor protection systems

SAFETY MARGINS

INIS: 2004-11-26; ETDE: 2004-12-01

Differences between ordinary safe operating conditions and the conditions where the device or component will fail.

RT engineered safety systems

RT reactor safety

RT reliability

RT risk assessment

RT safety engineering

RT safety standards

safety of life at sea convention

INIS: 1984-06-21; ETDE: 2002-06-13

USE solas convention

SAFETY REPORTS

INIS: 1976-12-08; ETDE: 1991-03-07

For items about safety reports, not for items which are safety reports.

UF design reports

RT document types

RT licensing regulations

RT safety

RT safety analysis

safety research experiment facility reactor

INIS: 1993-11-09; ETDE: 1976-08-24

USE saref reactor

safety rods

USE scram rods

SAFETY SHOWERS

UF emergency showers

UF showers (safety)

RT burns

RT decontamination

RT first aid

RT hazards

RT radiation protection

RT safety

RT washing

SAFETY STANDARDS

UF standards (safety)

BT1 standards

NT1 annual limit of intake

NT1 dose limits

NT1 maximum acceptable contamination

NT1 maximum inhalation quantity

NT1 maximum permissible activity

NT1 maximum permissible body burden

NT1 maximum permissible concentration

NT1 maximum permissible dose

NT1 maximum permissible exposure

NT1 maximum permissible intake
NT1 maximum permissible level
RT federal radiation council
RT gesellschaft fuer anlagen- und reaktorsicherheit
RT legal aspects
RT licensing
RT radiation protection
RT radiation protection laws
RT reactor safety
RT recommendations
RT regulations
RT retrofitting
RT safety
RT safety margins
RT standardization

safety test facility reactor

INIS: 1977-06-13; **ETDE:** 1976-11-17
USE stf reactor

safety valves

INIS: 1976-02-05; **ETDE:** 1985-03-12
USE relief valves

SAGINAW RIVER

INIS: 2000-04-12; **ETDE:** 1980-12-08
***BT1** rivers
RT hydroelectric power plants
RT michigan

SAHA EQUATION

UF saha-langmuir equation
BT1 equations
RT electric discharges
RT thermodynamics

saha-langmuir equation

USE saha equation

SAILS

INIS: 2000-04-12; **ETDE:** 1981-08-21
RT ships
RT wind

SAINT ALBAN-1 REACTOR

INIS: 1984-07-20; **ETDE:** 1984-09-05
Electricite de France, Saint-Alban-du-Rhone / Saint-Maurice-l'Exil, Isere, France
***BT1** pwr type reactors

SAINT ALBAN-2 REACTOR

INIS: 1984-07-20; **ETDE:** 1984-09-05
Electricite de France, Saint-Alban-du-Rhone / Saint-Maurice-l'Exil, Isere, France
***BT1** pwr type reactors

SAINT CLAIR RIVER

2000-04-12
***BT1** rivers
RT canada
RT michigan

SAINT JOHN RIVER

INIS: 2000-04-12; **ETDE:** 1975-10-28
***BT1** rivers
RT canada

SAINT KITTS AND NEVIS

INIS: 1997-09-25; **ETDE:** 1998-02-24
***BT1** lesser antilles

saint laurent-1 reactor

(Prior to August 2010 this was a valid descriptor.)
USE saint laurent-a1 reactor

saint laurent-2 reactor

(Prior to August 2010 this was a valid descriptor.)
USE saint laurent-a2 reactor

SAINT LAURENT-A1 REACTOR

2010-08-17
Electricite de France, Saint-Laurent-Nouan, Loir-et-Cher, France
(Prior to August 2010 SAINT LAURENT-1 REACTOR was used for this reactor.)
UF edf-4 reactor
UF saint laurent-1 reactor
***BT1** carbon dioxide cooled reactors
***BT1** gcr type reactors
***BT1** power reactors
***BT1** thermal reactors

SAINT LAURENT-A2 REACTOR

2010-08-17
Electricite de France, Saint-Laurent-Nouan, Loir-et-Cher, France. Permanently shut down since 1992.
(Prior to August 2010 SAINT LAURENT-2 REACTOR was used for this reactor.)
UF saint laurent-2 reactor
***BT1** carbon dioxide cooled reactors
***BT1** gcr type reactors
***BT1** power reactors
***BT1** thermal reactors

SAINT LAURENT-B1 REACTOR

1995-10-02
UF saint-laurent slb1 reactor
***BT1** pwr type reactors

SAINT LAURENT-B2 REACTOR

2010-08-17
Electricite de France, Saint-Laurent-Nouan, Loir-et-Cher, France
UF saint-laurent slb2 reactor
***BT1** pwr type reactors

saint-laurent slb1 reactor

2010-08-17
USE saint laurent-b1 reactor

saint-laurent slb2 reactor

2010-08-17
USE saint laurent-b2 reactor

saint lawrence river

INIS: 2000-04-12; **ETDE:** 1980-01-15
USE st lawrence river

SAINT LUCIA

INIS: 1990-06-25; **ETDE:** 1990-08-02
BT1 developing countries
BT1 latin america
***BT1** west indies

SAINT VINCENT AND THE GRENADINES

INIS: 1992-04-24; **ETDE:** 1992-06-23
BT1 developing countries
BT1 latin america
***BT1** west indies

saitama cyclotron

INIS: 1983-06-01; **ETDE:** 1983-07-07
USE ipcr cyclotron

saitama tunable heavy ion linac

INIS: 1986-05-23; **ETDE:** 2002-06-13
USE rilac

salam hypothesis

USE lee-yang theory

salam-weinberg gauge model

INIS: 1995-08-10; **ETDE:** 1995-11-29
USE weinberg-salam gauge model

SALAMANDERS

1996-11-13
(Prior to March 1997 AXOLOTL was a valid ETDE descriptor.)
UF axolotl
UF newts
UF siredon
***BT1** amphibians
NT1 triturus
RT frogs

salary

INIS: 1992-10-05; **ETDE:** 1983-06-20
USE wages

salazar triga-mk-3 reactor

INIS: 1984-06-21; **ETDE:** 2002-06-13
USE triga-3-salazar reactor

SALEEITE

***BT1** phosphate minerals
***BT1** uranium minerals
RT magnesium phosphates
RT uranium phosphates

SALEM-1 REACTOR

PSEG Nuclear, LLC, Salem, New Jersey, USA.
UF salem nuclear generating station unit-1
***BT1** pwr type reactors

SALEM-2 REACTOR

PSEG Nuclear, LLC, Salem, New Jersey, USA.
UF salem nuclear generating station unit-2
***BT1** pwr type reactors

salem nuclear generating station unit-1

1993-11-09
USE salem-1 reactor

salem nuclear generating station unit-2

1993-11-09
USE salem-2 reactor

SALES

INIS: 1999-03-04; **ETDE:** 1979-05-09
(Until March 1999 this concept was indexed by TRADE.)
SF commodities
RT competition
RT exports
RT imports
RT marketing
RT trade

SALICYLIC ACID

1996-10-23
UF hydroxybenzoic acid-ortho
***BT1** hydroxy acids

SALINE AQUIFERS

2008-05-23
BT1 aquifers
RT brines
RT salinity
RT seawater

SALINE SOILS

2013-11-27
BT1 soils
RT salinity

SALINITY

UF chlorinity
RT brines
RT desalination
RT estuaries

RT fiords
 RT saline aquifers
 RT saline soils
 RT salinity gradients
 RT salts
 RT seawater

SALINITY GRADIENT POWER PLANTS

INIS: 2000-04-12; ETDE: 1977-09-19

UF osmotic power plants
 *BT1 solar power plants
 RT seawater

SALINITY GRADIENTS

INIS: 2000-04-12; ETDE: 1977-09-19

RT salinity
 RT seawater

SALIVA

*BT1 body fluids
 RT amylase
 RT salivary glands

SALIVARY GLANDS

*BT1 glands
 RT oral cavity
 RT saliva

salmin

1996-07-08
 (Until June 1996 this was a valid descriptor.)
 USE protamines

SALMON

*BT1 anadromous fishes

SALMON EVENT

BT1 vela project

SALMONELLA

1996-07-18
 *BT1 bacteria
 NT1 salmonella typhimurium
 RT typhoid

SALMONELLA TYPHIMURIUM

*BT1 salmonella

salsola kali

INIS: 2000-04-12; ETDE: 1981-04-17
 (Prior to March 1997 TUMBLEWEEDS was used for this concept in ETDE.)
 USE magnoliopsida

SALT CAVERNS

INIS: 1983-02-03; ETDE: 1979-04-11

BT1 cavities
 RT caves
 RT gorleben salt dome
 RT morsleben salt mine
 RT radioactive waste disposal
 RT salt deposits

SALT DEPOSITS

1997-06-19
 UF rock salt
 BT1 geologic deposits
 RT anticlines
 RT asse salt mine
 RT gorleben salt dome
 RT halite
 RT morsleben salt mine
 RT radioactive waste disposal
 RT salt caverns
 RT salt vault project
 RT underground disposal
 RT wipp

SALT TALKS

INIS: 1993-01-26; ETDE: 1986-02-03
 RT arms control
 RT foreign policy

RT international relations
 RT nuclear disarmament
 RT treaties

salt transport process

INIS: 1980-07-24; ETDE: 1979-12-10
 USE pyrochemical reprocessing

SALT VAULT PROJECT

UF project salt vault
 RT radioactive wastes
 RT salt deposits
 RT waste disposal

saltex process

1996-07-08
 (Until June 1996 this was a valid descriptor.)
 USE purex process

SALTING-OUT AGENTS

RT precipitation
 RT solvent extraction

SALTON SEA

2000-04-12
 *BT1 lakes
 RT geothermal fields
 RT imperial valley
 RT salton sea geothermal field

SALTON SEA GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1975-07-29
 BT1 geothermal fields
 RT california
 RT salton sea

SALTS

See also descriptors for specific salts.

NT1 molten salts
 NT2 flibe
 RT brines
 RT desalination
 RT salinity

SALYUT ORBITAL STATIONS

BT1 satellites
 *BT1 space vehicles

SAMARIUM

*BT1 rare earths
 RT samarium oscillations

SAMARIUM 128

2007-04-20
 *BT1 even-even nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 rare earth nuclei
 *BT1 samarium isotopes

SAMARIUM 129

2007-04-20
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 rare earth nuclei
 *BT1 samarium isotopes

SAMARIUM 130

2006-12-20
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 rare earth nuclei
 *BT1 samarium isotopes
 *BT1 seconds living radioisotopes

SAMARIUM 131

INIS: 1987-02-25; ETDE: 1987-05-01
 *BT1 even-odd nuclei
 *BT1 rare earth nuclei
 *BT1 samarium isotopes
 *BT1 seconds living radioisotopes

SAMARIUM 132

2007-04-20
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 rare earth nuclei
 *BT1 samarium isotopes
 *BT1 seconds living radioisotopes

SAMARIUM 133

INIS: 1977-06-13; ETDE: 1977-10-20
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 rare earth nuclei
 *BT1 samarium isotopes
 *BT1 seconds living radioisotopes

SAMARIUM 134

INIS: 1977-06-13; ETDE: 1977-10-20
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 rare earth nuclei
 *BT1 samarium isotopes
 *BT1 seconds living radioisotopes

SAMARIUM 135

INIS: 1977-06-14; ETDE: 1977-10-20
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 rare earth nuclei
 *BT1 samarium isotopes
 *BT1 seconds living radioisotopes

SAMARIUM 136

INIS: 1982-08-27; ETDE: 1982-07-08
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 rare earth nuclei
 *BT1 samarium isotopes
 *BT1 seconds living radioisotopes

SAMARIUM 137

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 rare earth nuclei
 *BT1 samarium isotopes
 *BT1 seconds living radioisotopes

SAMARIUM 138

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 minutes living radioisotopes
 *BT1 rare earth nuclei
 *BT1 samarium isotopes

SAMARIUM 139

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 rare earth nuclei
 *BT1 samarium isotopes
 *BT1 seconds living radioisotopes

SAMARIUM 140

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 minutes living radioisotopes
 *BT1 rare earth nuclei
 *BT1 samarium isotopes

SAMARIUM 141

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes

- *BT1 even-odd nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 142

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 143

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 144

- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 stable isotopes

SAMARIUM 144 REACTIONS

INIS: 1980-07-24; ETDE: 1980-08-12

- *BT1 heavy ion reactions

SAMARIUM 144 TARGET

ETDE: 1976-07-09

- BT1 targets

SAMARIUM 145

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 internal conversion radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 145 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09

- BT1 targets

SAMARIUM 146

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 years living radioisotopes

SAMARIUM 146 TARGET

INIS: 1975-12-19; ETDE: 1976-07-12

- BT1 targets

SAMARIUM 147

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 years living radioisotopes

SAMARIUM 147 TARGET

ETDE: 1976-07-09

- BT1 targets

SAMARIUM 148

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 stable isotopes
- *BT1 years living radioisotopes

SAMARIUM 148 TARGET

ETDE: 1976-07-09

- BT1 targets

SAMARIUM 149

- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 stable isotopes

SAMARIUM 149 TARGET

ETDE: 1976-07-09

- BT1 targets

SAMARIUM 150

- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 stable isotopes

SAMARIUM 150 TARGET

ETDE: 1976-07-09

- BT1 targets

SAMARIUM 151

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 internal conversion radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 years living radioisotopes

SAMARIUM 151 TARGET

ETDE: 1976-07-09

- BT1 targets

SAMARIUM 152

- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 stable isotopes

SAMARIUM 152 TARGET

ETDE: 1976-07-09

- BT1 targets

SAMARIUM 153

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 154

- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 stable isotopes

SAMARIUM 154 REACTIONS

INIS: 1980-07-24; ETDE: 1980-08-12

- *BT1 heavy ion reactions

SAMARIUM 154 TARGET

ETDE: 1976-07-09

- BT1 targets

SAMARIUM 155

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 156

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 157

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 158

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 159

INIS: 1986-10-29; ETDE: 1986-11-20

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 seconds living radioisotopes

SAMARIUM 160

INIS: 1986-10-29; ETDE: 1986-11-20

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 seconds living radioisotopes

SAMARIUM 161

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 seconds living radioisotopes

SAMARIUM 162

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes
- *BT1 seconds living radioisotopes

SAMARIUM 163

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 164

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM 165

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 rare earth nuclei
- *BT1 samarium isotopes

SAMARIUM ADDITIONS

Alloys containing not more than 1% Sm are listed here.

- *BT1 rare earth additions
- *BT1 samarium alloys

SAMARIUM ALLOYS

Alloys containing more than 1% Sm.

- *BT1 rare earth alloys
- NT1 samarium additions
- NT1 samarium base alloys

SAMARIUM ARSENIDES

INIS: 2000-04-12; ETDE: 1977-03-04

- *BT1 arsenides
- *BT1 samarium compounds

SAMARIUM BASE ALLOYS

- *BT1 samarium alloys

SAMARIUM BORIDES

- *BT1 borides
- *BT1 samarium compounds

SAMARIUM BROMIDES

- *BT1 bromides
- *BT1 samarium halides

SAMARIUM CARBIDES

- *BT1 carbides
- *BT1 samarium compounds

SAMARIUM CARBONATES

- *BT1 carbonates
- *BT1 samarium compounds

SAMARIUM CHLORIDES

- *BT1 chlorides
- *BT1 samarium halides

SAMARIUM COMPLEXES

- *BT1 rare earth complexes

SAMARIUM COMPOUNDS

1997-06-19

- BT1 rare earth compounds
- NT1 samarium arsenides
- NT1 samarium borides
- NT1 samarium carbides
- NT1 samarium carbonates
- NT1 samarium halides
- NT2 samarium bromides
- NT2 samarium chlorides
- NT2 samarium fluorides
- NT2 samarium iodides
- NT1 samarium hydrides
- NT1 samarium hydroxides
- NT1 samarium nitrates
- NT1 samarium nitrides
- NT1 samarium oxides
- NT1 samarium perchlorates
- NT1 samarium phosphates
- NT1 samarium phosphides
- NT1 samarium selenides
- NT1 samarium silicates
- NT1 samarium silicides
- NT1 samarium sulfates
- NT1 samarium sulfides
- NT1 samarium tellurides
- NT1 samarium tungstates

samarium effect

2000-04-12

- USE samarium oscillations

SAMARIUM FLUORIDES

- *BT1 fluorides
- *BT1 samarium halides

SAMARIUM HALIDES

2012-07-25

- *BT1 halides
- *BT1 samarium compounds
- NT1 samarium bromides
- NT1 samarium chlorides
- NT1 samarium fluorides
- NT1 samarium iodides

SAMARIUM HYDRIDES

- *BT1 hydrides
- *BT1 samarium compounds

SAMARIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 samarium compounds

SAMARIUM IODIDES

- *BT1 iodides
- *BT1 samarium halides

SAMARIUM IONS

- *BT1 ions

SAMARIUM ISOTOPES

- BT1 isotopes
- NT1 samarium 128
- NT1 samarium 129
- NT1 samarium 130
- NT1 samarium 131
- NT1 samarium 132
- NT1 samarium 133
- NT1 samarium 134
- NT1 samarium 135
- NT1 samarium 136
- NT1 samarium 137
- NT1 samarium 138
- NT1 samarium 139
- NT1 samarium 140
- NT1 samarium 141
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- NT1 samarium 160
- NT1 samarium 161
- NT1 samarium 162
- NT1 samarium 163
- NT1 samarium 164
- NT1 samarium 165

SAMARIUM NITRATES

- *BT1 nitrates
- *BT1 samarium compounds

SAMARIUM NITRIDES

- *BT1 nitrides
- *BT1 samarium compounds

SAMARIUM OSCILLATIONS

2000-04-12

Effects of fission-product samarium on reactor operation.

- UF samarium effect
- BT1 poisoning
- RT nuclear poisons
- RT oscillations
- RT reactor poison removal
- RT samarium

SAMARIUM OXIDES

- *BT1 oxides
- *BT1 samarium compounds

SAMARIUM PERCHLORATES

1991-09-16

- *BT1 perchlorates
- *BT1 samarium compounds

SAMARIUM PHOSPHATES

- *BT1 phosphates
- *BT1 samarium compounds

SAMARIUM PHOSPHIDES

INIS: 1979-04-27; ETDE: 1979-05-25

- *BT1 phosphides
- *BT1 samarium compounds

SAMARIUM SELENIDES

INIS: 1980-02-26; ETDE: 1977-08-24

- *BT1 samarium compounds

- *BT1 selenides

SAMARIUM SILICATES

- *BT1 samarium compounds
- *BT1 silicates

SAMARIUM SILICIDES

INIS: 1975-10-29; ETDE: 1975-12-16

- *BT1 samarium compounds
- *BT1 silicides

SAMARIUM SULFATES

- *BT1 samarium compounds
- *BT1 sulfates

SAMARIUM SULFIDES

- *BT1 samarium compounds
- *BT1 sulfides

SAMARIUM TELLURIDES

INIS: 1977-10-17; ETDE: 1976-08-24

- *BT1 samarium compounds
- *BT1 tellurides

SAMARIUM TUNGSTATES

INIS: 1980-02-26; ETDE: 1976-11-01

- *BT1 samarium compounds
- *BT1 tungstates

SAMI PEOPLE

2008-09-01

Indigenous people of northern Europe inhabiting parts of northern Sweden, Norway, Finland and the Kola Peninsula of Russia. (Prior to September 2008 LAPPS was used for this concept.)

- UF lapps
- *BT1 indigenous peoples
- *BT1 minority groups
- RT arctic regions
- RT eskimos
- RT finland
- RT norway
- RT russian federation
- RT sweden

SAMOA

2018-07-24

- BT1 developing countries
- BT1 islands
- BT1 oceania
- RT pacific ocean

SAMPLE CHANGERS

- RT laboratory equipment
- RT materials handling
- RT remote handling
- RT sample holders

SAMPLE HOLDERS

INIS: 1976-03-25; ETDE: 1975-11-28

- UF specimen holders
- UF target holders
- RT remote handling
- RT sample changers

SAMPLE PREPARATION

- UF preparation (sample)
- RT ceramography
- RT dry ashing
- RT electron microscopy
- RT surface treatments
- RT wet ashing

SAMPLERS

1999-07-07

- BT1 equipment
- NT1 air samplers
- RT filters
- RT sampling

SAMPLING

- RT elutriation

RT inspection
RT quality control
RT samplers
RT testing
RT ultrafiltration

SAN ANTONIO BAY

2000-04-12
*BT1 gulf of mexico
RT texas

SAN BERNARDINO MOUNTAINS

2000-04-12
BT1 mountains
RT california

SAN FRANCISCO BAY

*BT1 pacific ocean
RT california

san juan power plant

INIS: 2000-04-12; ETDE: 1976-12-16
(Prior to January 1995, this was a valid ETDE descriptor.)
USE fossil-fuel power plants

SAN MARINO

2000-05-03
BT1 developed countries
*BT1 western europe
RT italy

SAN ONOFRE-1 REACTOR

Southern California Edison Co., San Clemente, California, USA. Shut down permanently in 1992.
*BT1 pwr type reactors

SAN ONOFRE-2 REACTOR

Southern California Edison Co., San Clemente, California, USA. Permanent shutdown since 2013.
*BT1 pwr type reactors

SAN ONOFRE-3 REACTOR

Southern California Edison Co., San Clemente, California, USA. Permanent shutdown since 2013.
*BT1 pwr type reactors

san piero a grado pisa reactor

USE rts-1 reactor

SANCTIONS

INIS: 2000-04-12; ETDE: 1979-12-10
BT1 administrative procedures

SAND

(From August 1984 till February 1997 DUNES was a valid ETDE descriptor.)
SF dunes
NT1 black sands
NT1 oil sands
RT alluvial deposits
RT aquifers
RT building materials
RT clays
RT concretes
RT deserts
RT reefs
RT reservoir rock
RT sandstones
RT silicon oxides
RT soils

SAND CONSOLIDATION

INIS: 2000-04-12; ETDE: 1981-05-18
UF consolidation (sand)
RT natural gas wells
RT oil wells
RT well completion

sand pressure

INIS: 1986-07-09; ETDE: 1978-09-11
USE reservoir pressure

SAND WASH BASIN

2000-04-12
*BT1 colorado
RT green river formation
RT oil shale deposits

SANDIA LABORATORIES

Name changed to Sandia National Laboratories, and more recent material should be so indexed.

*BT1 sandia national laboratories
*BT1 us aec
*BT1 us erda
RT california
RT new mexico
RT tonopah test range

SANDIA NATIONAL LABORATORIES

INIS: 1984-04-04; ETDE: 1994-08-18
Formerly known as Sandia Laboratories, and older material is so indexed.

*BT1 us doe
NT1 sandia laboratories
RT california
RT new mexico
RT tonopah test range

sandia pulse reactor-4

INIS: 2000-04-12; ETDE: 1982-08-11
USE spr-4 reactor

sandia pulsed reactor-ii

USE spr-2 reactor

sandia pulsed reactor-iii

INIS: 1984-06-21; ETDE: 2002-06-13
USE spr-3 reactor

sandia pulsed reactor-iv

INIS: 1984-06-21; ETDE: 2002-06-13
USE spr-4 reactor

SANDSTONE PROJECT

INIS: 2000-04-12; ETDE: 1986-11-20
*BT1 nuclear explosions

SANDSTONES

UF siliceous rock
UF tight sands
*BT1 sedimentary rocks
NT1 graywacke
RT interstitial water
RT montroseite
RT quartzites
RT sand
RT siltstones

sandvik-ht8x6

ETDE: 2002-06-13
USE steel-cr2moninb

sanicro 30

INIS: 1996-07-23; ETDE: 1978-12-20
(Until July 1996 this was a valid descriptor.)
USE alloy-fe46ni33cr21

sanicro 70

INIS: 1983-11-07; ETDE: 2002-06-13
USE alloy-ni76cr15fe8

SANITARY LANDFILLS

INIS: 1982-09-21; ETDE: 1975-09-11
Sites for biologically safe disposal of wastes by burial.
UF land fills
UF landfills
*BT1 waste disposal

RT ground disposal
RT landfill gas
RT us superfund

SANTA BARBARA CHANNEL

INIS: 1992-06-16; ETDE: 1977-01-28
*BT1 pacific ocean
RT california
RT continental shelf

santa maria de garona nuclear power plant

1995-02-20
USE garona reactor

santa maria de garona power reactor

1993-11-09
USE garona reactor

SANTA ROSA DEPOSIT

INIS: 2000-04-12; ETDE: 1983-07-07
*BT1 oil sand deposits
RT new mexico
RT oil sands

SANTEE RIVER

INIS: 2000-04-12; ETDE: 1977-08-09
*BT1 rivers
RT south carolina

santowax

1996-07-08
(Until June 1996 this was a valid descriptor.)
USE polyphenyls
USE waxes

sao paulo iea zero power reactor

INIS: 1993-11-09; ETDE: 2002-06-13
USE iea-zpr reactor

sao paulo iear-1 reactor

INIS: 1985-12-10; ETDE: 2002-06-13
USE iear-1 reactor

sap (sintered aluminium powders)

ETDE: 2005-02-01
(Prior to January 2005 SAP was a valid descriptor.)
USE sintered aluminium powders

SAPHIR REACTOR

Shutdown 1993. Decommissioned since 2011.
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors

SAPONIFICATION

*BT1 hydrolysis

SAPONINS

*BT1 glycosides

SAPPHIRE

1976-05-05
*BT1 corundum

SAPROPELIC COAL

INIS: 2000-04-12; ETDE: 1978-05-03
*BT1 coal
NT1 boghead coal
NT2 torbanite
NT1 cannell coal

sar-2 reactor

Schnell-Thermischen Argonaut Reaktor Karlsruhe.
USE stark reactor

SARA CYCLOTRON

INIS: 1984-06-25; ETDE: 1984-02-10
Système Accélérateur Rhône-Alpes -- consists of two cyclotrons, the injector cyclotron and the post-accelerator cyclotron.
 UF *système accélérateur rhône-alpes*
 *BT1 isochronous cyclotrons

SARCODINA

INIS: 1992-04-27; ETDE: 1981-06-17
 *BT1 protozoa
 NT1 amoeba
 NT1 foraminifera

SARCOMAS

UF *chondrosarcomas*
 *BT1 neoplasms
 NT1 fibrosarcomas
 NT1 lymphosarcomas
 NT1 myosarcomas
 NT2 rhabdomyosarcomas
 NT1 osteosarcomas

SARCOPLASMIC RETICULUM

INIS: 2000-04-12; ETDE: 1982-02-09
 *BT1 endoplasmic reticulum
 RT muscles

SARCOSINE

UF *methyl glycoll*
 UF *methylaminoacetic acid*
 *BT1 amino acids
 RT glycine

SAREF REACTOR

INIS: 1977-01-26; ETDE: 1976-08-24
 INEL, Idaho Falls, Idaho, USA.
 UF *inel safety research experimental facility reactor*
 UF *safety research experiment facility reactor*
 *BT1 fast reactors
 *BT1 zero power reactors

SARGASSO SEA

*BT1 atlantic ocean

sarson

USE brassica

SASKATCHEWAN

1996-07-16
 (Prior to August 1996 BEAVERLODGE was a valid ETDE descriptor.)
 UF *beaverlodge*
 *BT1 canada
 RT athabasca lake
 RT beaverlodge mine
 RT cluff lake mine
 RT cold lake deposit
 RT key lake mine
 RT weyburn field
 RT williston basin

SASOL-II PROCESS

INIS: 2000-04-12; ETDE: 1980-03-04
Liquefaction process based on Lurgi pressure gasification, Fischer-Tropsch synthesis and Rectisol process using circulating fluid bed reactors to produce gasoline and other refined products.
 *BT1 coal liquefaction
 RT fischer-tropsch synthesis
 RT lurgi process
 RT rectisol process

SASOL PROCESS

2000-04-12
South African Coal, Oil, and Gas Co. Ltd. Process for indirect conversion of coal to synthetic crude oil by complete gasification to

CO and H followed by Fisher-Tropsch synthesis.

*BT1 coal liquefaction

SATELLITE ATMOSPHERES

INIS: 1981-11-25; ETDE: 1982-01-07
For atmospheres of the natural satellites.
 BT1 atmospheres
 NT1 lunar atmosphere

satellite power system

INIS: 1993-02-18; ETDE: 1979-05-02
 USE orbital solar power plants

satellite solar power stations

INIS: 2000-04-12; ETDE: 1979-05-25
 USE orbital solar power plants

SATELLITES

1996-01-24
 NT1 alouette satellites
 NT1 ariel satellites
 NT1 astron satellites
 NT1 ats satellites
 NT1 biosatellites
 NT1 explorer satellites
 NT1 geos satellites
 NT1 goes satellites
 NT1 imp satellites
 NT1 interkosmos satellites
 NT1 international space station
 NT1 kosmos satellites
 NT1 landsat satellites
 NT1 mir orbital station
 NT1 molniya satellites
 NT1 moon
 NT1 nimbus satellites
 NT1 ogo satellites
 NT1 orbiting solar observatories
 NT1 power relay satellites
 NT1 prognos satellites
 NT1 proton satellites
 NT1 salyut orbital stations
 NT1 seasat satellites
 NT1 skylab
 RT global positioning system
 RT orbital solar power plants
 RT remote sensing
 RT space flight
 RT space vehicles

saturable core magnetometers

USE fluxgate magnetometers

SATURATION

NT1 gas saturation
 NT1 oil saturation
 NT1 supersaturation
 NT1 water saturation
 RT solubility
 RT solutions

SATURN PLANET

BT1 planets

SATURNE

UF *saclay synchrotron*
 *BT1 synchrotrons

SATURNE II

INIS: 1979-12-20; ETDE: 1980-01-24
 *BT1 synchrotrons

SAUDI ARABIA

BT1 arab countries
 BT1 asia
 BT1 developing countries
 BT1 middle east
 RT oapec
 RT opec

SAUSAGE INSTABILITY

*BT1 plasma macroinstabilities

savannah (nuclear ship)

USE ns savannah

savannah pressurized subcritical experiment

1993-11-09
 USE pse reactor

SAVANNAH REACTOR

US AEC/US DOC/USA Maritime Commission.
 Permanently shut down; decommissioned in 1972.
 UF *nuclear ship savannah reactor*
 *BT1 pwr type reactors
 *BT1 ship propulsion reactors
 RT ns savannah

SAVANNAH RIVER

*BT1 rivers
 RT georgia (u.s. state of)
 RT south carolina

savannah river lab rtr reactor

USE rtr reactor

SAVANNAH RIVER PLANT

SF *east facility*
 SF *energy applied systems test facility*
 *BT1 us aec
 *BT1 us doe
 *BT1 us erda
 RT south carolina

savannah river plant c reactor

INIS: 1993-11-09; ETDE: 1983-11-23
 USE c reactor

savannah river plant k reactor

1993-11-09
 USE k reactor

savannah river plant l reactor

INIS: 1993-11-09; ETDE: 1982-05-12
 USE l reactor

savannah river plant p reactor

1993-11-09
 USE p reactor

savannah river plant r reactor

1993-11-09
 USE r reactor

savannah river process development reactor

1993-11-09
 USE pdp reactor

savannah river test pile-305

USE sr-305 reactor

SAVANNAS

INIS: 2000-04-12; ETDE: 1986-10-07
Distinct biomes characterized by grassland with interspersed trees.
 *BT1 terrestrial ecosystems
 RT arid lands
 RT tropical regions

SAVONIUS ROTORS

INIS: 2000-04-12; ETDE: 1976-02-19
 BT1 rotors
 RT vertical axis turbines

sawada method

USE goldstone diagrams

SAWTOOTH OSCILLATIONS

INIS: 1988-11-16; ETDE: 1988-12-05
 BT1 oscillations

RT kink instability
RT magnetic reconnection
RT plasma
RT plasma confinement
RT plasma disruption
RT rotational transform
RT stellarators
RT tokamak devices

saxon-woods potential

USE woods-saxon potential

SAXTON REACTOR

Westinghouse Reactor Evaluation Center, Waltz Mill, Pennsylvania, USA. Shut down in 1972; decommissioned in 1996.

*BT1 pwr type reactors

SBLOCA

2017-07-18

UF small break loss-of-coolant accident

*BT1 loss of coolant

SBR-1 REACTOR

Obninsk, Russian Federation.

UF br-1 reactor (russian federation)

UF soviet breeder reactor-1

*BT1 enriched uranium reactors

*BT1 lmfr type reactors

*BT1 plutonium reactors

*BT1 research reactors

SBR-2 REACTOR

Obninsk, Russian Federation.

UF br-2 reactor (russian federation)

UF soviet breeder reactor-2

*BT1 lmfr type reactors

*BT1 mercury cooled reactors

*BT1 plutonium reactors

*BT1 research reactors

SBR-5 REACTOR

Obninsk, Russian Federation.

UF br-5 reactor (russian federation)

UF soviet breeder reactor-5

*BT1 lmfr type reactors

*BT1 plutonium reactors

*BT1 research reactors

*BT1 sodium cooled reactors

*BT1 test reactors

sca model

INIS: 1984-04-04; ETDE: 2002-06-13

SemiClassical Approximation model.

USE semiclassical approximation

SCALAR FIELDS

RT quantum field theory

SCALAR MESONS

Mesons with spin and parity 0+.

*BT1 mesons

NT1 a0-980 mesons

NT1 chi0-3415 mesons

NT1 f0-1240 mesons

NT1 f0-1300 mesons

NT1 f0-1590 mesons

NT1 f0-1730 mesons

NT1 f0-980 mesons

NT1 k*0-1430 mesons

RT sigma model

SCALARS

RT mathematics

RT pseudoscalars

RT tensors

SCALE CONTROL

INIS: 1999-05-12; ETDE: 1978-05-03

BT1 control

RT corrosion protection

RT descaling

RT scaling

SCALE DIMENSION

A natural number characteristic of the scale-transformation properties of a given quantum field.

NT1 anomalous dimension

NT1 canonical dimension

RT conformal invariance

RT quantum field theory

RT scale invariance

SCALE HEIGHT

2000-05-23

Measure of the relation between density and temperature of points in an atmosphere.

*BT1 height

RT ionosphere

RT virtual height

SCALE INVARIANCE

BT1 invariance principles

RT conformal invariance

RT particle rapidity

RT scale dimension

SCALE MODELS

INIS: 1980-07-24; ETDE: 1980-02-11

A three-dimensional representation of an object or structure containing all parts in the same proportion as their true size.

UF models (scale)

BT1 structural models

RT functional models

RT mockup

RT scaling laws

RT simulators

SCALERS

UF scaling units

*BT1 electronic equipment

RT counting circuits

RT counting tubes

RT pulse techniques

RT radiation detectors

SCALING

1999-05-18

Forming a thick layer of metallic oxides on metals at high temperature. Also, depositing of solid inorganic solutes from water on a metal surface, such as a cooling tube or boiler.

RT corrosion

RT corrosion products

RT deposition

RT descaling

RT precipitation

RT scale control

SCALING LAWS

RT calibration

RT mathematical models

RT scale models

RT simulation

scaling units

USE scalers

SCANDINAVIA

1995-04-03

*BT1 western europe

NT1 denmark

NT1 finland

NT1 norway

NT1 sweden

SCANDIUM

*BT1 transition elements

SCANDIUM 36

2007-04-20

*BT1 light nuclei

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

*BT1 scandium isotopes

SCANDIUM 37

2007-04-20

*BT1 light nuclei

*BT1 odd-even nuclei

*BT1 proton decay radioisotopes

*BT1 scandium isotopes

SCANDIUM 38

2007-04-20

*BT1 light nuclei

*BT1 nanoseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

*BT1 scandium isotopes

SCANDIUM 39

1989-07-19

*BT1 light nuclei

*BT1 odd-even nuclei

*BT1 proton decay radioisotopes

*BT1 scandium isotopes

SCANDIUM 40

*BT1 beta-plus decay radioisotopes

*BT1 light nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 scandium isotopes

SCANDIUM 41

*BT1 beta-plus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 scandium isotopes

SCANDIUM 42

*BT1 beta-plus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 scandium isotopes

*BT1 seconds living radioisotopes

SCANDIUM 43

*BT1 beta-plus decay radioisotopes

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 scandium isotopes

SCANDIUM 44

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 hours living radioisotopes

*BT1 intermediate mass nuclei

*BT1 isomeric transition isotopes

*BT1 odd-odd nuclei

*BT1 scandium isotopes

SCANDIUM 45

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 scandium isotopes

*BT1 stable isotopes

SCANDIUM 45 REACTIONS

INIS: 1980-11-28; ETDE: 1981-01-09

*BT1 heavy ion reactions

SCANDIUM 45 TARGET

ETDE: 1976-07-09

BT1 targets

SCANDIUM 46

*BT1 beta-minus decay radioisotopes

*BT1 days living radioisotopes

*BT1 intermediate mass nuclei

*BT1 internal conversion radioisotopes

- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 scandium isotopes
- *BT1 seconds living radioisotopes

SCANDIUM 47

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 scandium isotopes

SCANDIUM 47 TARGET

INIS: 1992-09-23; ETDE: 1979-07-24

- BT1 targets

SCANDIUM 48

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 scandium isotopes

SCANDIUM 49

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 scandium isotopes

SCANDIUM 50

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 scandium isotopes

SCANDIUM 51

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 scandium isotopes
- *BT1 seconds living radioisotopes

SCANDIUM 52

INIS: 1984-10-19; ETDE: 1976-05-13

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 scandium isotopes
- *BT1 seconds living radioisotopes

SCANDIUM 53

INIS: 1991-02-11; ETDE: 1981-01-30

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 scandium isotopes

SCANDIUM 54

1991-02-11

- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 scandium isotopes

SCANDIUM 55

1991-02-11

- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 scandium isotopes

SCANDIUM 56

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 scandium isotopes

SCANDIUM 57

2005-03-11

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 scandium isotopes

SCANDIUM 58

2005-03-11

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 scandium isotopes

SCANDIUM 59

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 scandium isotopes

SCANDIUM 60

2007-04-20

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 scandium isotopes

SCANDIUM 61

2009-06-02

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 scandium isotopes

SCANDIUM ADDITIONS

Alloys containing not more than 1% Sc are listed here.

- *BT1 scandium alloys

SCANDIUM ALLOYS

1995-02-27

Alloys containing more than 1% Sc.

- *BT1 transition element alloys
- NT1 scandium additions
- NT1 scandium base alloys

SCANDIUM BASE ALLOYS

- *BT1 scandium alloys

SCANDIUM BORIDES

- *BT1 borides
- *BT1 scandium compounds

SCANDIUM BROMIDES

INIS: 1976-08-17; ETDE: 1976-11-01

- *BT1 bromides
- *BT1 scandium halides

SCANDIUM CARBIDES

- *BT1 carbides
- *BT1 scandium compounds

SCANDIUM CARBONATES

INIS: 2000-04-12; ETDE: 1989-03-20

- *BT1 carbonates
- *BT1 scandium compounds

SCANDIUM CHLORIDES

- *BT1 chlorides
- *BT1 scandium halides

SCANDIUM COMPLEXES

- *BT1 transition element complexes

SCANDIUM COMPOUNDS

1997-06-19

- BT1 transition element compounds
- NT1 scandium borides

- NT1 scandium carbides
- NT1 scandium carbonates
- NT1 scandium halides
- NT2 scandium bromides
- NT2 scandium chlorides
- NT2 scandium fluorides
- NT2 scandium iodides
- NT1 scandium hydrides
- NT1 scandium hydroxides
- NT1 scandium nitrates
- NT1 scandium nitrides
- NT1 scandium oxides
- NT1 scandium perchlorates
- NT1 scandium phosphates
- NT1 scandium phosphides
- NT1 scandium selenides
- NT1 scandium silicates
- NT1 scandium silicides
- NT1 scandium sulfates
- NT1 scandium sulfides
- NT1 scandium tungstates

SCANDIUM FLUORIDES

- *BT1 fluorides
- *BT1 scandium halides

SCANDIUM HALIDES

2012-07-25

- *BT1 halides
- *BT1 scandium compounds
- NT1 scandium bromides
- NT1 scandium chlorides
- NT1 scandium fluorides
- NT1 scandium iodides

SCANDIUM HYDRIDES

- *BT1 hydrides
- *BT1 scandium compounds

SCANDIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 scandium compounds

SCANDIUM IODIDES

- *BT1 iodides
- *BT1 scandium halides

SCANDIUM IONS

- *BT1 ions

SCANDIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 scandium 36
- NT1 scandium 37
- NT1 scandium 38
- NT1 scandium 39
- NT1 scandium 40
- NT1 scandium 41
- NT1 scandium 42
- NT1 scandium 43
- NT1 scandium 44
- NT1 scandium 45
- NT1 scandium 46
- NT1 scandium 47
- NT1 scandium 48
- NT1 scandium 49
- NT1 scandium 50
- NT1 scandium 51
- NT1 scandium 52
- NT1 scandium 53
- NT1 scandium 54
- NT1 scandium 55
- NT1 scandium 56
- NT1 scandium 57
- NT1 scandium 58
- NT1 scandium 59
- NT1 scandium 60
- NT1 scandium 61

SCANDIUM NITRATES

- *BT1 nitrates

*BT1 scandium compounds

SCANDIUM NITRIDES

*BT1 nitrides

*BT1 scandium compounds

SCANDIUM OXIDES

*BT1 oxides

*BT1 scandium compounds

SCANDIUM PERCHLORATES

INIS: 2000-04-12; ETDE: 1977-11-28

*BT1 perchlorates

*BT1 scandium compounds

SCANDIUM PHOSPHATES

INIS: 1976-09-06; ETDE: 1976-11-01

*BT1 phosphates

*BT1 scandium compounds

SCANDIUM PHOSPHIDES

INIS: 1981-02-27; ETDE: 1980-10-07

*BT1 phosphides

*BT1 scandium compounds

SCANDIUM SELENIDES

INIS: 1996-07-23; ETDE: 1979-02-23

(From July 1996 to November 2007

SCANDIUM COMPOUNDS + SELENIDES was used for this concept.)

*BT1 scandium compounds

*BT1 selenides

SCANDIUM SILICATES

*BT1 scandium compounds

*BT1 silicates

SCANDIUM SILICIDES

INIS: 1978-05-19; ETDE: 1978-03-03

*BT1 scandium compounds

*BT1 silicides

SCANDIUM SULFATES

*BT1 scandium compounds

*BT1 sulfates

SCANDIUM SULFIDES

*BT1 scandium compounds

*BT1 sulfides

SCANDIUM TUNGSTATES

INIS: 1982-06-09; ETDE: 1982-07-08

*BT1 scandium compounds

*BT1 tungstates

scanners (beam)

INIS: 1984-04-04; ETDE: 2002-06-13

USE beam scanners

scanners (image)

USE image scanners

scanners (optical)

INIS: 2000-04-12; ETDE: 1977-04-12

(Prior to March 1997 OPTICAL SCANNERS was used for this concept in ETDE.)

USE image scanners

USE optical equipment

scanners (radioisotope)

INIS: 1984-04-04; ETDE: 2002-06-13

USE radioisotope scanners

scanning (electron)

USE electron scanning

scanning (fuel)

INIS: 1976-09-06; ETDE: 2002-06-13

USE fuel scanning

scanning (radioisotope)

USE radioisotope scanning

scanning acoustic microscopy

INIS: 1993-04-07; ETDE: 2002-06-13

USE acoustic microscopy

SCANNING ELECTRON

MICROSCOPY

INIS: 1982-12-07; ETDE: 1979-11-23

(Prior to January 1983 this concept was indexed by coordination of ELECTRON MICROSCOPY and ELECTRON SCANNING.)

UF ebic

UF electron beam induced current

UF sem (microscopy)

*BT1 electron microscopy

SCANNING LIGHT MICROSCOPY

INIS: 1994-07-14; ETDE: 1983-03-23

Means of spatial mapping of the optical or electrical properties of deep energy levels in semiconductors.

UF slm

*BT1 optical microscopy

RT photocurrents

RT photoluminescence

RT reflectivity

SCANNING MEASURING

PROJECTORS

UF franckenstein

UF projectors (scanning)

UF smp devices

*BT1 digitizers

SCANNING TUNNELING

MICROSCOPY

INIS: 1999-07-26; ETDE: 1999-09-09

Technique used to study surface properties of materials from atomic to micron level. A

potential difference is applied between a sharp metallic tip and a surface; electrons tunnel across the gap between them.

UF stm

BT1 microscopy

RT atomic force microscopy

SCARABEE REACTOR

1999-09-24

Nuclear Protection and Safety Institute, CEA

St. Paul Lez Durance, France.

Decommissioned.

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

SCATTERING

1996-07-18

(Prior to March 1997 KHURI

REPRESENTATION and HAYWOOD

MODEL were valid ETDE descriptors; prior

to August 1996 ZEMACH-GLAUBER

FORMALISM was a valid ETDE descriptor.)

SF khuri representation

SF zemach-glauber formalism

NT1 backscattering

NT1 coherent scattering

NT2 brillouin effect

NT2 diffraction

NT3 atomic beam diffraction

NT3 diffuse scattering

NT3 electron diffraction

NT3 neutron diffraction

NT3 x-ray diffraction

NT2 rayleigh scattering

NT1 elastic scattering

NT2 bhabha scattering

NT2 compton effect

NT2 coulomb scattering

NT2 moeller scattering

NT2 mott scattering

NT2 potential scattering

NT2 rutherford scattering

NT2 wigner scattering

NT1 incoherent scattering

NT1 inelastic scattering

NT2 deep inelastic scattering

NT2 delbrueck scattering

NT2 resonance scattering

NT2 thomson scattering

NT1 light scattering

NT1 multiple scattering

NT1 proximity scattering

NT1 quasi-elastic scattering

NT1 rescattering

NT1 small angle scattering

RT adiabatic approximation

RT binary encounter method

RT blankenbecler-sugar equations

RT born approximation

RT born-oppenheimer approximation

RT brinkman-kramers approximation

RT buildup

RT center-of-mass system

RT collisions

RT conspiracy relations

RT coupled channel born approximation

RT detailed balance principle

RT diabatic approximation

RT dispersion relations

RT dwba

RT effective range theory

RT four momentum transfer

RT fsc approximation

RT glauber theory

RT gribov-lipatov relation

RT high-energy limit

RT impact parameter

RT impulse approximation

RT incidence angle

RT interactions

RT inverse scattering problem

RT ion scattering analysis

RT jost function

RT laboratory system

RT landau curves

RT lane-robson theory

RT levinson theorem

RT low-energy limit

RT nuclear reactions

RT partial waves

RT perturbation theory

RT phase shift

RT polarization-asymmetry ratio

RT radiation scattering analysis

RT raman effect

RT resonating-group method

RT s matrix

RT scattering amplitudes

RT scattering lengths

RT semiclassical approximation

RT shadow effect

RT shielding

RT spectroscopic factors

RT stray radiation

RT targets

RT threshold energy

RT transport theory

RT wkb approximation

SCATTERING AMPLITUDES

BT1 amplitudes

RT abfst equation

RT argand diagrams

RT crossing symmetry

RT dispersion relations

RT duality

RT eikonal approximation

RT linear absorption models

RT partial waves

RT quasipotential equation
RT regge poles
RT s matrix
RT scattering
RT singularity
RT veneziano model

SCATTERING LENGTHS

1999-07-20

*BT1 length
RT scattering

SCATTERPLOTS

Two-dimensional projections of multidimensional data.

*BT1 diagrams
NT1 argand diagrams
NT1 dalitz plot
NT1 prism plot

SCAVENGING

RT hot atom chemistry
RT radiation chemistry
RT radicals

scavenging (atmospheric)

USE washout

SCENEDESMUS

*BT1 chlorophycota
 *BT1 unicellular algae

SCHEDULES

INIS: 1986-07-09; ETDE: 1983-05-21

RT construction
RT contract management
RT forecasting
RT management
RT organizing
RT pert method
RT planning
RT time delay

SCHIFF BASES

*BT1 imines

SCHIFFER POTENTIAL

INIS: 1976-10-29; ETDE: 1976-12-16

*BT1 nucleon-nucleon potential
RT nucleon-nucleon interactions

SCHISTOSOMA

*BT1 trematodes
RT schistosomiasis

SCHISTOSOMIASIS

*BT1 parasitic diseases
RT schistosoma
RT snails

SCHISTS

1977-07-05

Strongly foliated crystalline rocks formed by dynamic metamorphism which can be readily split into thin flakes or slabs due to the well developed parallelism of more than 50% of the minerals present.

*BT1 metamorphic rocks

SCHLIERN METHOD

BT1 photography
RT opacity
RT refraction
RT visible radiation

schmalfeldt-wintershall process

2000-04-12

(Prior to July 1993, this was a valid ETDE descriptor.)

USE coal gasification

SCHMEHAUSEN-2 REACTOR

INIS: 2000-04-12; ETDE: 1975-09-11

*BT1 enriched uranium reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 power reactors

schmehausen reactor

INIS: 1995-05-02; ETDE: 2002-06-13

USE thtr-300 reactor

schmehausen thtr reactor

USE thtr-300 reactor

schmid-vicchnicki technique

INIS: 2000-04-12; ETDE: 1980-02-11

USE heat exchanger method

SCHMIDT LINES

RT nuclear magnetic moments
RT spin

SCHMIDT MODEL

RT single-particle model
RT spin

schmitt trigger circuits

USE multivibrators

**schnelle null-energie anordnung
karlsruhe**

1993-11-09

USE sneak reactor

schneller natriumgekuehlter reaktor

USE snr reactor

SCHOEPITE

*BT1 oxide minerals
 *BT1 uranium minerals
RT uranium oxides

SCHOOL BUILDINGS

INIS: 1992-09-03; ETDE: 1976-04-19

BT1 buildings
 BT1 educational facilities
RT laboratory buildings
RT public buildings

school facilities

INIS: 2000-04-12; ETDE: 1979-05-31

USE educational facilities

school plant

INIS: 2000-04-12; ETDE: 1979-05-25

USE educational facilities

schools

INIS: 1983-06-30; ETDE: 1983-07-20

USE educational facilities

schooner event

1994-10-14

A test made during OPERATION BOWLINE.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE cratering explosions
 USE thermonuclear explosions
 USE underground explosions

SCHOTTKY BARRIER DIODES

1997-06-19

*BT1 semiconductor diodes
RT schottky barrier solar cells
RT tunnel diodes

SCHOTTKY BARRIER SOLAR CELLS

INIS: 2000-04-12; ETDE: 1981-07-18

*BT1 solar cells
RT mis solar cells
RT schottky barrier diodes

SCHOTTKY DEFECTS

*BT1 vacancies

SCHOTTKY EFFECT

RT thermionics

schroeckingerite

1996-07-08

(Until June 1996 this was a valid descriptor.)

USE carbonate minerals
 USE halide minerals
 USE sulfate minerals
 USE uranium minerals

SCHROEDINGER EQUATION

*BT1 wave equations
RT dirac equation
RT jost function
RT quantum mechanics
RT wave functions

SCHROEDINGER PICTURE

INIS: 1976-03-17; ETDE: 1976-01-23

UF schroedinger representation
RT heisenberg picture
RT quantum field theory
RT quantum mechanics

schroedinger representation

INIS: 1976-03-17; ETDE: 2002-06-13

USE schroedinger picture

SCHULZ METHOD

RT diffraction methods
RT texture

SCHUMANN-RUNGE BANDS

RT spectra

schwarzschild field

USE schwarzschild metric

SCHWARZSCHILD METRIC

UF schwarzschild field
UF schwarzschild solution
UF schwarzschild space
 BT1 metrics
RT cosmology
RT general relativity theory
RT gravitation

SCHWARZSCHILD RADIUS

RT black holes
RT gravitational collapse

schwarzschild solution

USE schwarzschild metric

schwarzschild space

USE schwarzschild metric

SCHWINGER FUNCTIONAL EQUATIONS

*BT1 differential equations
RT quantum field theory

SCHWINGER SOURCE THEORY

RT causality
RT elementary particles
RT quantum field theory

SCHWINGER TERMS

RT current commutators
RT delta function

SCHWINGER-TOMONAGA FORMALISM

*BT1 quantum electrodynamics

SCHWINGER VARIATIONAL METHOD

*BT1 variational methods
RT lippmann-schwinger equation

RT quantum mechanics

SCIATIC NERVE

*BT1 nerves

RT legs

SCIENTIFIC PERSONNEL

INIS: 1993-09-06; ETDE: 1995-05-09

SF professional personnel

BT1 personnel

scintigraphy

USE scintiscanning

scintillation cameras

INIS: 1976-03-17; ETDE: 2002-06-13

USE gamma cameras

scintillation chambers

USE scintillation counters

SCINTILLATION COUNTERS

UF scintillation chambers

UF scintillation detectors

*BT1 radiation detectors

NT1 gas scintillation detectors

NT1 liquid scintillation detectors

NT1 scintillator-photodiode detectors

NT1 solid scintillation detectors

NT2 bgo detectors

NT2 nai detectors

NT2 plastic scintillation detectors

RT dosimeters

RT light pipes

RT luminescent chambers

RT phosphors

RT photomultipliers

RT proton recoil detectors

RT scintillation counting

RT scintillation quenching

SCINTILLATION COUNTING

BT1 counting techniques

RT liquid scintillators

RT scintillation counters

RT scintillation quenching

scintillation detectors

USE scintillation counters

SCINTILLATION QUENCHING

UF quenching (scintillation)

RT liquid scintillation detectors

RT scintillation counters

RT scintillation counting

SCINTILLATIONS

RT radioluminescence

SCINTILLATOR-PHOTODIODE DETECTORS

*BT1 scintillation counters

scintillators

INIS: 1975-12-17; ETDE: 2002-06-13

USE phosphors

SCINTISCANNING

UF scintigraphy

BT1 diagnostic techniques

*BT1 radioisotope scanning

NT1 radioimmunoscintigraphy

RT diagnosis

RT dual-isotope subtraction technique

RT images

RT labelled compounds

RT nuclear medicine

RT osteodensitometry

RT radiopharmaceuticals

scioto river

2000-04-12

(Prior to February 1996 this was a valid ETDE descriptor.)

USE ohio

USE rivers

SCISSION-POINT MODEL

INIS: 1986-10-29; ETDE: 1985-05-07

A static model of nuclear fission based on the assumption of statistical equilibrium among collective degrees of freedom at the scission point.

*BT1 nuclear models

RT fission

sclera

USE eyes

SCLEROPROTEINS

*BT1 proteins

NT1 collagen

NT1 fibrin

NT1 gluten

NT1 keratin

SCORPIONS

*BT1 arachnids

SCOT PROCESS

2000-04-12

Process for increasing sulfur recovery efficiency of Claus units from the usual level of about 95% to more than 99.8%.

UF shell claus off-gas treating process

*BT1 desulfurization

scotch event

INIS: 1994-10-14; ETDE: 1977-01-10

A test made during OPERATION LATCHKEY. (Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions

USE underground explosions

scotland

INIS: 1984-11-30; ETDE: 1984-12-27

USE united kingdom

scottish research reactor center utr-100 reactor

1993-11-09

USE srrc-utr-100 reactor

SCRAM

UF emergency shutdown

*BT1 reactor shutdown

RT atws

RT fluid poison control

RT reactor protection systems

RT reactor safety fuses

RT scram rods

RT soluble poisons

SCRAM RODS

UF emergency rods

UF safety rods

*BT1 control elements

RT neutron absorbers

RT scram

SCRAP

INIS: 1986-04-04; ETDE: 1978-03-09

Material, usually from production processes, which can be reprocessed or recycled to become useful.

*BT1 solid wastes

NT1 scrap metals

RT industrial wastes

RT municipal wastes

RT recycling

RT waste processing

SCRAP METALS

INIS: 1994-09-08; ETDE: 1977-08-09

Metallic waste from the production of metals or from the fabrication or obsolescence of metal equipment.

*BT1 metals

*BT1 scrap

RT industrial wastes

RT metal industry

SCRAPERS

INIS: 2000-04-12; ETDE: 1982-05-24

BT1 equipment

RT dewaxing

RT pipelines

RT pipes

RT surface cleaning

RT well servicing

SCREEN PRINTING

INIS: 2000-04-12; ETDE: 1979-02-27

*BT1 surface coating

RT coatings

RT masking

SCREENING

INIS: 2000-04-12; ETDE: 1978-05-03

Process of separating various-sized particles by using screens with different-sized openings by rotating, shaking, vibrating, or otherwise agitating the screen.

RT sorting

screening (carcinogen)

INIS: 2000-04-12; ETDE: 1997-03-31

USE carcinogen screening

screening (magnetic fields)

INIS: 2000-04-12; ETDE: 1997-03-31

USE magnetic shielding

screening (mutagen)

INIS: 2000-04-12; ETDE: 1997-03-31

USE mutagen screening

screening (nuclear)

INIS: 2000-04-12; ETDE: 1997-03-31

USE nuclear screening

screening (teratogen)

INIS: 2000-04-12; ETDE: 1997-03-31

USE teratogen screening

SCREENS

1996-05-14

Permeable barriers, frequently of perforated plates or metal wire mesh, used to prevent particles or objects larger than a specified size from passing beyond a given point in a flow stream, while permitting everything of smaller size to pass. Not to be used for viewing screens on which any type of image is displayed as on a cathode ray tube.

NT1 trommels

RT concentrators

RT curtains

RT filters

RT fouling

RT gratings

RT impingement

RT intake structures

RT particle size classifiers

RT separation processes

RT sorting

SCREW DISLOCATIONS

UF frank dislocations

UF frank loops

*BT1 dislocations

screw instability

USE helical instability

SCREW PINCH

Cylindrical plasma equilibrium in which the axial and azimuthal components of the vacuum field are the same size.

- BT1 pinch effect
- RT linear screw pinch devices
- RT toroidal screw pinch devices

screwing

- USE fastening

screws

- USE fasteners

SCREWWORM FLY

INIS: 1975-09-09; ETDE: 1975-10-28

- *BT1 flies
- RT domestic animals
- RT parasites

scriba nuclear power plant

ETDE: 2002-06-13

- USE nine mile point-1 reactor

SCRUBBERS

1986-04-04

- *BT1 pollution control equipment
- NT1 dry scrubbers
- NT1 wet scrubbers
 - NT2 venturi scrubbers
- RT air cleaning
- RT air cleaning systems
- RT air filters
- RT air pollution
- RT air pollution control
- RT consol fgd process
- RT cyclone separators
- RT dust collectors
- RT scrubbing
- RT sprays
- RT thiosorbic process
- RT waste processing

SCRUBBING

INIS: 1983-09-06; ETDE: 1975-07-29

- NT1 lime-limestone wet scrubbing processes
 - NT2 bischoff process
- RT chemisorption
- RT cleaning
- RT decontamination
- RT descaling
- RT filters
- RT flue gas
- RT magnesium slurry scrubbing process
- RT off-gas systems
- RT pollution control equipment
- RT purification
- RT scrubbers
- RT separation processes
- RT sprays
- RT washing

SCYLLA DEVICES

- *BT1 linear theta pinch devices

SCYLLAC DEVICES

- *BT1 toroidal theta pinch devices

SDS COMPUTERS

- BT1 computers

sea, safety of life at, convention

INIS: 1984-06-21; ETDE: 2002-06-16

- USE solas convention

SEA BED

- RT earth crust
- RT geomorphology
- RT seas
- RT sediment-water interfaces
- RT sediments

- RT soil mechanics
- RT submarine canyons

sea disposal

- USE marine disposal

SEA-FLOOR SPREADING

INIS: 2000-04-12; ETDE: 1976-08-04

A hypothesis that the oceanic crust is increasing by convective upwelling of magma along the mid-oceanic ridges or world rift system, and a moving away of the new material at a rate of from one to ten centimeters per year. This movement provides the source of power in the hypothesis of plate tectonics.

- UF ocean spreading center
- RT earth crust
- RT plate tectonics
- RT seas

SEA LEVEL

- BT1 levels

sea of marmara

INIS: 2000-04-12; ETDE: 1976-05-17

(Prior to July 1996 MARMARA SEA was a valid ETDE descriptor.)

- USE seas
- USE turkey

SEA URCHINS

- *BT1 echinoderms

seaboard process

2000-04-12

Wet scrubbing process for the removal of hydrogen sulfide from refinery and petroleum gas streams.

(Prior to March 1994, this was a valid ETDE descriptor.)

- USE desulfurization

SEABORGIUM

2004-03-19

(Prior to March 2004 ELEMENT 106 was used for this element.)

- UF *eka-tungsten*
- UF *element 106*
- UF *unnihexium*
- *BT1 transactinide elements

SEABORGIUM 258

2007-04-23

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 259

2004-03-19

(Prior to March 2004 ELEMENT 106 259 was used for this concept.)

- UF *element 106 259*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 260

2004-03-19

(Prior to March 2004 ELEMENT 106 260 was used for this concept.)

- UF *element 106 260*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes

- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 261

2004-03-19

(Prior to March 2004 ELEMENT 106 261 was used for this concept.)

- UF *element 106 261*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 262

2004-03-19

(Prior to March 2004 ELEMENT 106 262 was used for this concept.)

- UF *element 106 262*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 263

2004-03-19

(Prior to March 2004 ELEMENT 106 263 was used for this concept.)

- UF *element 106 263*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 264

2007-04-23

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 265

2004-03-19

(Prior to March 2004 ELEMENT 106 265 was used for this concept.)

- UF *element 106 265*
- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 seaborgium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 266

2004-03-19

(Prior to March 2004 ELEMENT 106 266 was used for this concept.)

- UF *element 106 266*
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 seaborgium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 268

2007-04-23

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 seaborgium isotopes
- *BT1 seconds living radioisotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 270

2007-04-23

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 271

2007-04-23

- *BT1 alpha decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 272

2007-04-23

- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 heavy nuclei
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM 273

2007-04-23

- *BT1 even-odd nuclei
- *BT1 heavy nuclei
- *BT1 seaborgium isotopes
- *BT1 spontaneous fission radioisotopes

SEABORGIUM COMPOUNDS

2004-03-19

(Prior to March 2004 ELEMENT 106 COMPOUNDS was used for this concept.)

- UF *element 106 compounds*
- *BT1 transactinide compounds

SEABORGIUM IONS

2018-01-24

- *BT1 ions

SEABORGIUM ISOTOPES

2004-03-19

(Prior to March 2004 ELEMENT 106 ISOTOPES was used for this concept.)

- UF *element 106 isotopes*
- BT1 isotopes
- NT1 seaborgium 258
- NT1 seaborgium 259
- NT1 seaborgium 260
- NT1 seaborgium 261
- NT1 seaborgium 262
- NT1 seaborgium 263
- NT1 seaborgium 264
- NT1 seaborgium 265
- NT1 seaborgium 266
- NT1 seaborgium 268
- NT1 seaborgium 270
- NT1 seaborgium 271
- NT1 seaborgium 272
- NT1 seaborgium 273

SEABROOK-1 REACTOR

North Atlantic Energy Service Corp.,
Seabrook, New Hampshire, USA.

- *BT1 pwr type reactors

SEABROOK-2 REACTOR

Public Service Co. of New Hampshire,
Seabrook, New Hampshire, USA. Cancelled in
1988 before construction began.

- *BT1 pwr type reactors

seacoast

- USE shores

SEACOCK PROCESS

2000-04-12

A fluidized-bed pyrolysis of coal, with partial counterflow of gas and char to maximize liquid and gas yield from volatile matter of coal, to produce gas, liquid, and solid product streams, developed by Atlantic Refining Co., now Atlantic Richfield Co.

- *BT1 coal gasification

SEAFOOD

- BT1 fish products
- BT1 food
- RT crabs
- RT fishes
- RT lobsters
- RT oysters
- RT plaice
- RT prawns
- RT shrimp
- RT snails
- RT trout

SEALED SOURCES

- BT1 radiation sources
- RT containment
- RT leak testing
- RT leaks

SEALING MATERIALS

- BT1 materials
- RT grouting
- RT seals
- RT waterproofing

SEALS

(From November 1977 to February 1997 CAULKING was a valid ETDE descriptor.)

- SF *caulking*
- NT1 gaskets
- NT1 inflatable seals
- NT1 security seals
- RT cementing
- RT closures
- RT grouting
- RT liners
- RT pipe fittings
- RT sealing materials
- RT waterproofing

seals (mammals)

INIS: 1993-05-04; ETDE: 1982-02-08
USE pinnipeds

seam welding

INIS: 1976-03-17; ETDE: 2002-06-13
USE welding

seam welds

INIS: 1976-03-17; ETDE: 2002-06-13
USE welded joints

SEAS

1997-06-19

For use only in its geographic connotation; for the legal connotation see HIGH SEAS and TERRITORIAL WATERS.

- UF *bass strait*
- UF *marmara sea*
- UF *marmora sea*
- UF *oceans*
- UF *sea of marmara*
- BT1 surface waters
- NT1 antarctic ocean
- NT2 weddell sea
- NT1 aral sea
- NT1 arctic ocean
- NT2 beaufort sea
- NT3 prudhoe bay
- NT2 chukchi sea
- NT1 atlantic ocean

- NT2 baltimore canyon
- NT2 bay of biscay
- NT2 bay of fundy
- NT2 biscayne bay
- NT2 caribbean sea
- NT3 gulf of mexico
- NT4 galveston bay
- NT4 san antonio bay
- NT2 chesapeake bay
- NT2 delaware bay
- NT2 gulf of maine
- NT2 irish sea
- NT2 long island sound
- NT2 mid-atlantic bight
- NT3 new york bight
- NT2 north sea
- NT3 wadden sea
- NT2 onslow bay
- NT2 sargasso sea
- NT2 south atlantic bight
- NT2 weddell sea
- NT1 baltic sea
- NT1 black sea
- NT1 caspian sea
- NT1 indian ocean
- NT2 arabian sea
- NT3 persian gulf
- NT4 strait of hormuz
- NT2 timor sea
- NT1 mediterranean sea
- NT2 adriatic sea
- NT2 aegean sea
- NT1 pacific ocean
- NT2 bering sea
- NT2 china sea
- NT2 gulf of alaska
- NT2 gulf of california
- NT2 puget sound
- NT2 san francisco bay
- NT2 santa barbara channel
- NT2 sequim bay
- NT2 tasman sea
- NT1 red sea
- NT2 gulf of suex
- RT bathymetry
- RT coastal waters
- RT estuaries
- RT gyres
- RT harbors
- RT high seas
- RT islands
- RT marinas
- RT oceanic circulation
- RT oceanography
- RT offshore nuclear power plants
- RT offshore sites
- RT reefs
- RT sea bed
- RT sea-floor spreading
- RT seawater
- RT shores
- RT territorial waters
- RT tide
- RT tsunamis
- RT water currents
- RT water waves
- RT wave energy converters

SEASAT SATELLITES

INIS: 2000-04-12; ETDE: 1980-03-29
BT1 satellites
RT aerial prospecting
RT remote sensing

SEASONAL THERMAL ENERGY STORAGE

INIS: 2000-04-12; ETDE: 1982-05-24

- UF *stes*
- *BT1 heat storage
- RT latent heat storage

RT sensible heat storage

SEASONAL VARIATIONS

UF time-of-season pricing
BT1 variations
RT climate models
RT seasons
RT time-of-use pricing

seasonings

2000-04-12

USE food

SEASONS

RT atmospheric precipitations
RT climates
RT meteorology
RT seasonal variations
RT vernalization
RT weather

SEAWATER

*BT1 water
RT brines
RT desalination
RT desalination plants
RT estuaries
RT fiords
RT saline aquifers
RT salinity
RT salinity gradient power plants
RT salinity gradients
RT seas

SEAWEEDS

UF kelp
BT1 aquatic organisms
BT1 plants
NT1 fucus
NT1 laminaria

sebaceous glands

USE glands
USE skin

SEBACIC ACID

*BT1 dicarboxylic acids

secale

USE rye

SECOND-CLASS CURRENTS

Classification of currents according to their properties under G-parity transformations.

*BT1 algebraic currents
RT weak interactions

second-harmonic generation

INIS: 2000-04-12; ETDE: 1986-01-14

USE harmonic generation

SECOND QUANTIZATION

BT1 quantization
RT annihilation operators
RT creation operators
RT quantum field theory
RT quantum mechanics

SECOND SOUND

RT sound waves
RT superfluidity

secondary batteries

INIS: 2000-04-12; ETDE: 1976-05-17

USE electric batteries

SECONDARY BEAMS

BT1 beams
NT1 carbon 11 beams
NT1 helium 8 beams
RT ion probes

SECONDARY COOLANT CIRCUITS

UF intermediate coolant loops
UF secondary coolant loops
*BT1 reactor cooling systems

secondary coolant loops

2018-03-19

USE secondary coolant circuits

SECONDARY COSMIC RADIATION

*BT1 cosmic radiation
NT1 cosmic electrons
NT1 cosmic kaons
NT1 cosmic muons
NT1 cosmic neutrons
NT1 cosmic pions
NT1 cosmic positrons
NT1 cosmic showers
NT2 extensive air showers

SECONDARY EMISSION

BT1 emission
NT1 photoemission
RT ion probes
RT photon emission

SECONDARY EMISSION DETECTORS

*BT1 radiation detectors

SECONDARY REACTIONS

BT1 nuclear reactions

secondary recovery

INIS: 1991-10-22; ETDE: 1976-02-23

USE enhanced recovery

secondary standard dosimetry laboratories

INIS: 1993-11-09; ETDE: 1980-08-12

USE ssdl

SECONDS LIVING RADIOISOTOPES

1997-02-07

*BT1 radioisotopes
NT1 actinium 214
NT1 actinium 222
NT1 actinium 234
NT1 actinium 235
NT1 aluminium 24
NT1 aluminium 25
NT1 aluminium 26
NT1 aluminium 30
NT1 americium 231
NT1 americium 232
NT1 antimony 105
NT1 antimony 106
NT1 antimony 107
NT1 antimony 108
NT1 antimony 109
NT1 antimony 110
NT1 antimony 112
NT1 antimony 126
NT1 antimony 134
NT1 antimony 135
NT1 argon 35
NT1 argon 45
NT1 argon 46
NT1 arsenic 67
NT1 arsenic 80
NT1 arsenic 81
NT1 arsenic 82
NT1 arsenic 83
NT1 arsenic 84
NT1 arsenic 85
NT1 astatine 198
NT1 astatine 199
NT1 astatine 200
NT1 astatine 202
NT1 astatine 218
NT1 astatine 219

NT1 astatine 222
NT1 astatine 223
NT1 barium 117
NT1 barium 118
NT1 barium 119
NT1 barium 120
NT1 barium 121
NT1 barium 127
NT1 barium 143
NT1 barium 144
NT1 barium 145
NT1 barium 146
NT1 berkelium 235
NT1 beryllium 11
NT1 bismuth 189
NT1 bismuth 190
NT1 bismuth 191
NT1 bismuth 192
NT1 bismuth 193
NT1 bismuth 198
NT1 bismuth 217
NT1 bismuth 218
NT1 bohrium 266
NT1 bohrium 267
NT1 bohrium 271
NT1 bohrium 272
NT1 bromine 71
NT1 bromine 76
NT1 bromine 79
NT1 bromine 86
NT1 bromine 87
NT1 bromine 88
NT1 bromine 89
NT1 bromine 90
NT1 cadmium 120
NT1 cadmium 121
NT1 cadmium 122
NT1 cadmium 123
NT1 cadmium 124
NT1 cadmium 97
NT1 cadmium 98
NT1 cadmium 99
NT1 calcium 50
NT1 calcium 51
NT1 calcium 52
NT1 californium 237
NT1 californium 239
NT1 carbon 10
NT1 carbon 15
NT1 cerium 121
NT1 cerium 122
NT1 cerium 123
NT1 cerium 124
NT1 cerium 125
NT1 cerium 126
NT1 cerium 127
NT1 cerium 135
NT1 cerium 139
NT1 cerium 147
NT1 cerium 148
NT1 cerium 149
NT1 cerium 150
NT1 cerium 151
NT1 cerium 152
NT1 cesium 115
NT1 cesium 116
NT1 cesium 117
NT1 cesium 118
NT1 cesium 119
NT1 cesium 122
NT1 cesium 123
NT1 cesium 124
NT1 cesium 136
NT1 cesium 141
NT1 cesium 142
NT1 cesium 143
NT1 cesium 144
NT1 chlorine 33
NT1 chlorine 34

NT1 chlorine 38
 NT1 chlorine 41
 NT1 chromium 57
 NT1 chromium 58
 NT1 chromium 59
 NT1 cobalt 63
 NT1 cobalt 65
 NT1 copernicium 285
 NT1 copper 58
 NT1 copper 68
 NT1 copper 70
 NT1 copper 71
 NT1 copper 72
 NT1 copper 73
 NT1 copper 74
 NT1 copper 75
 NT1 dubnium 255
 NT1 dubnium 256
 NT1 dubnium 257
 NT1 dubnium 258
 NT1 dubnium 259
 NT1 dubnium 260
 NT1 dubnium 261
 NT1 dubnium 262
 NT1 dubnium 263
 NT1 dysprosium 140
 NT1 dysprosium 141
 NT1 dysprosium 142
 NT1 dysprosium 143
 NT1 dysprosium 144
 NT1 dysprosium 145
 NT1 dysprosium 146
 NT1 dysprosium 147
 NT1 dysprosium 169
 NT1 dysprosium 170
 NT1 dysprosium 171
 NT1 einsteinium 241
 NT1 einsteinium 242
 NT1 einsteinium 243
 NT1 einsteinium 244
 NT1 erbium 146
 NT1 erbium 147
 NT1 erbium 148
 NT1 erbium 149
 NT1 erbium 150
 NT1 erbium 151
 NT1 erbium 152
 NT1 erbium 153
 NT1 erbium 167
 NT1 erbium 176
 NT1 erbium 177
 NT1 europium 135
 NT1 europium 136
 NT1 europium 138
 NT1 europium 139
 NT1 europium 140
 NT1 europium 141
 NT1 europium 142
 NT1 europium 144
 NT1 europium 160
 NT1 europium 161
 NT1 europium 162
 NT1 europium 163
 NT1 europium 164
 NT1 fermium 245
 NT1 fermium 246
 NT1 fermium 247
 NT1 fermium 248
 NT1 fermium 250
 NT1 fermium 259
 NT1 flerovium 289
 NT1 fluorine 20
 NT1 fluorine 21
 NT1 fluorine 22
 NT1 fluorine 23
 NT1 francium 204
 NT1 francium 205
 NT1 francium 206
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NT1 francium 208
 NT1 francium 209
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 NT1 francium 220
 NT1 francium 226
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 NT1 francium 231
 NT1 francium 232
 NT1 gadolinium 135
 NT1 gadolinium 140
 NT1 gadolinium 141
 NT1 gadolinium 143
 NT1 gadolinium 164
 NT1 gadolinium 165
 NT1 gadolinium 166
 NT1 gadolinium 167
 NT1 gadolinium 169
 NT1 gallium 63
 NT1 gallium 74
 NT1 gallium 76
 NT1 gallium 77
 NT1 gallium 78
 NT1 gallium 79
 NT1 gallium 80
 NT1 gallium 81
 NT1 germanium 65
 NT1 germanium 75
 NT1 germanium 77
 NT1 germanium 79
 NT1 germanium 80
 NT1 germanium 81
 NT1 germanium 82
 NT1 germanium 83
 NT1 germanium 84
 NT1 gold 176
 NT1 gold 177
 NT1 gold 178
 NT1 gold 179
 NT1 gold 180
 NT1 gold 181
 NT1 gold 182
 NT1 gold 183
 NT1 gold 184
 NT1 gold 193
 NT1 gold 195
 NT1 gold 196
 NT1 gold 197
 NT1 gold 202
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 NT1 gold 204
 NT1 gold 205
 NT1 hafnium 154
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 NT1 hafnium 160
 NT1 hafnium 161
 NT1 hafnium 162
 NT1 hafnium 163
 NT1 hafnium 177
 NT1 hafnium 178
 NT1 hafnium 179
 NT1 hafnium 187
 NT1 hafnium 188
 NT1 hassium 269
 NT1 hassium 270
 NT1 hassium 271
 NT1 hassium 272
 NT1 holmium 145
 NT1 holmium 146
 NT1 holmium 148
 NT1 holmium 149
 NT1 holmium 150
 NT1 holmium 151
 NT1 holmium 152
 NT1 holmium 159
 NT1 holmium 161
 NT1 holmium 163

NT1 holmium 170
 NT1 holmium 171
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 NT1 holmium 173
 NT1 holmium 174
 NT1 holmium 175
 NT1 indium 101
 NT1 indium 102
 NT1 indium 104
 NT1 indium 105
 NT1 indium 107
 NT1 indium 116
 NT1 indium 118
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 NT1 indium 98
 NT1 indium 99
 NT1 iodine 111
 NT1 iodine 112
 NT1 iodine 113
 NT1 iodine 114
 NT1 iodine 116
 NT1 iodine 133
 NT1 iodine 136
 NT1 iodine 137
 NT1 iodine 138
 NT1 iodine 139
 NT1 iridium 170
 NT1 iridium 171
 NT1 iridium 172
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 NT1 iridium 178
 NT1 iridium 191
 NT1 iridium 196
 NT1 iridium 198
 NT1 iridium 199
 NT1 iridium 202
 NT1 iron 52
 NT1 iron 63
 NT1 iron 64
 NT1 krypton 72
 NT1 krypton 73
 NT1 krypton 79
 NT1 krypton 81
 NT1 krypton 90
 NT1 krypton 91
 NT1 krypton 92
 NT1 krypton 93
 NT1 lanthanum 118
 NT1 lanthanum 119
 NT1 lanthanum 120
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 NT1 lanthanum 124
 NT1 lanthanum 144
 NT1 lanthanum 145
 NT1 lanthanum 146
 NT1 lanthanum 147
 NT1 lanthanum 148
 NT1 lanthanum 149
 NT1 lawrencium 252
 NT1 lawrencium 253
 NT1 lawrencium 254
 NT1 lawrencium 255
 NT1 lawrencium 256
 NT1 lawrencium 258
 NT1 lawrencium 259

NT1 lead 185
 NT1 lead 186
 NT1 lead 187
 NT1 lead 188
 NT1 lead 189
 NT1 lead 203
 NT1 lutetium 154
 NT1 lutetium 157
 NT1 lutetium 158
 NT1 lutetium 159
 NT1 lutetium 160
 NT1 lutetium 183
 NT1 lutetium 184
 NT1 magnesium 22
 NT1 magnesium 23
 NT1 magnesium 29
 NT1 manganese 58
 NT1 manganese 59
 NT1 manganese 60
 NT1 meitnerium 271
 NT1 meitnerium 272
 NT1 meitnerium 273
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 NT1 mendelevium 247
 NT1 mendelevium 248
 NT1 mendelevium 249
 NT1 mendelevium 250
 NT1 mercury 179
 NT1 mercury 180
 NT1 mercury 181
 NT1 mercury 182
 NT1 mercury 183
 NT1 mercury 184
 NT1 mercury 185
 NT1 molybdenum 105
 NT1 molybdenum 106
 NT1 molybdenum 107
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 NT1 molybdenum 110
 NT1 molybdenum 86
 NT1 molybdenum 87
 NT1 neodymium 127
 NT1 neodymium 129
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 NT1 neodymium 131
 NT1 neodymium 137
 NT1 neodymium 153
 NT1 neodymium 154
 NT1 neodymium 155
 NT1 neodymium 156
 NT1 neon 18
 NT1 neon 19
 NT1 neon 23
 NT1 nickel 67
 NT1 nickel 69
 NT1 nickel 70
 NT1 nickel 71
 NT1 nickel 72
 NT1 nickel 74
 NT1 niobium 100
 NT1 niobium 101
 NT1 niobium 102
 NT1 niobium 103
 NT1 niobium 104
 NT1 niobium 105
 NT1 niobium 106
 NT1 niobium 83
 NT1 niobium 84
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 NT1 niobium 90
 NT1 niobium 97
 NT1 niobium 98
 NT1 niobium 99
 NT1 nitrogen 16
 NT1 nitrogen 17
 NT1 nobelium 252
 NT1 nobelium 254
 NT1 nobelium 256
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NT1 osmium 168
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 NT1 osmium 174
 NT1 osmium 192
 NT1 osmium 199
 NT1 osmium 200
 NT1 oxygen 19
 NT1 oxygen 20
 NT1 oxygen 21
 NT1 oxygen 22
 NT1 palladium 107
 NT1 palladium 115
 NT1 palladium 116
 NT1 palladium 117
 NT1 palladium 118
 NT1 palladium 93
 NT1 palladium 94
 NT1 palladium 95
 NT1 phosphorus 29
 NT1 phosphorus 34
 NT1 phosphorus 35
 NT1 phosphorus 36
 NT1 phosphorus 37
 NT1 platinum 175
 NT1 platinum 176
 NT1 platinum 177
 NT1 platinum 178
 NT1 platinum 179
 NT1 platinum 180
 NT1 platinum 181
 NT1 platinum 183
 NT1 platinum 199
 NT1 plutonium 229
 NT1 polonium 195
 NT1 polonium 196
 NT1 polonium 197
 NT1 polonium 203
 NT1 polonium 207
 NT1 polonium 211
 NT1 polonium 212
 NT1 polonium 217
 NT1 potassium 37
 NT1 potassium 38
 NT1 potassium 47
 NT1 potassium 48
 NT1 potassium 49
 NT1 praseodymium 124
 NT1 praseodymium 125
 NT1 praseodymium 126
 NT1 praseodymium 127
 NT1 praseodymium 128
 NT1 praseodymium 129
 NT1 praseodymium 130
 NT1 praseodymium 150
 NT1 praseodymium 151
 NT1 praseodymium 152
 NT1 praseodymium 153
 NT1 praseodymium 154
 NT1 promethium 128
 NT1 promethium 129
 NT1 promethium 130
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 NT1 promethium 132
 NT1 promethium 133
 NT1 promethium 134
 NT1 promethium 135
 NT1 promethium 140
 NT1 promethium 142
 NT1 promethium 155
 NT1 promethium 156
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 NT1 promethium 158
 NT1 promethium 159
 NT1 protactinium 225
 NT1 radium 207

NT1 radium 208
 NT1 radium 209
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 NT1 radium 212
 NT1 radium 214
 NT1 radium 221
 NT1 radium 222
 NT1 radium 233
 NT1 radium 234
 NT1 radon 200
 NT1 radon 201
 NT1 radon 202
 NT1 radon 203
 NT1 radon 219
 NT1 radon 220
 NT1 radon 227
 NT1 radon 228
 NT1 rhenium 165
 NT1 rhenium 166
 NT1 rhenium 167
 NT1 rhenium 168
 NT1 rhenium 169
 NT1 rhenium 170
 NT1 rhenium 171
 NT1 rhenium 172
 NT1 rhenium 192
 NT1 rhenium 194
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 NT1 rhenium 196
 NT1 rhodium 104
 NT1 rhodium 105
 NT1 rhodium 106
 NT1 rhodium 108
 NT1 rhodium 110
 NT1 rhodium 111
 NT1 rhodium 112
 NT1 rhodium 113
 NT1 rhodium 114
 NT1 rhodium 117
 NT1 rhodium 90
 NT1 rhodium 91
 NT1 rhodium 92
 NT1 rhodium 93
 NT1 rhodium 94
 NT1 roentgenium 280
 NT1 rubidium 75
 NT1 rubidium 76
 NT1 rubidium 80
 NT1 rubidium 91
 NT1 rubidium 92
 NT1 rubidium 93
 NT1 rubidium 94
 NT1 ruthenium 109
 NT1 ruthenium 110
 NT1 ruthenium 111
 NT1 ruthenium 112
 NT1 ruthenium 113
 NT1 ruthenium 89
 NT1 ruthenium 90
 NT1 ruthenium 91
 NT1 ruthenium 93
 NT1 rutherfordium 253
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 NT1 rutherfordium 262
 NT1 samarium 130
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NT1 samarium 162
 NT1 scandium 42
 NT1 scandium 46
 NT1 scandium 51
 NT1 scandium 52
 NT1 seaborgium 265
 NT1 seaborgium 266
 NT1 seaborgium 268
 NT1 selenium 69
 NT1 selenium 77
 NT1 selenium 85
 NT1 selenium 86
 NT1 selenium 87
 NT1 selenium 88
 NT1 silicon 26
 NT1 silicon 27
 NT1 silicon 33
 NT1 silicon 34
 NT1 silver 101
 NT1 silver 103
 NT1 silver 107
 NT1 silver 109
 NT1 silver 110
 NT1 silver 114
 NT1 silver 115
 NT1 silver 116
 NT1 silver 117
 NT1 silver 118
 NT1 silver 119
 NT1 silver 120
 NT1 silver 122
 NT1 silver 96
 NT1 silver 97
 NT1 silver 98
 NT1 silver 99
 NT1 sodium 21
 NT1 sodium 25
 NT1 sodium 26
 NT1 strontium 76
 NT1 strontium 77
 NT1 strontium 83
 NT1 strontium 95
 NT1 strontium 96
 NT1 sulfur 30
 NT1 sulfur 31
 NT1 sulfur 39
 NT1 sulfur 40
 NT1 tantalum 160
 NT1 tantalum 161
 NT1 tantalum 162
 NT1 tantalum 163
 NT1 tantalum 164
 NT1 tantalum 165
 NT1 tantalum 166
 NT1 tantalum 188
 NT1 technetium 100
 NT1 technetium 102
 NT1 technetium 103
 NT1 technetium 106
 NT1 technetium 107
 NT1 technetium 108
 NT1 technetium 109
 NT1 technetium 87
 NT1 technetium 88
 NT1 technetium 90
 NT1 tellurium 108
 NT1 tellurium 109
 NT1 tellurium 110
 NT1 tellurium 111
 NT1 tellurium 135
 NT1 tellurium 136
 NT1 tellurium 137
 NT1 tellurium 138
 NT1 terbium 139
 NT1 terbium 140
 NT1 terbium 141
 NT1 terbium 143
 NT1 terbium 144
 NT1 terbium 145

NT1 terbium 146
 NT1 terbium 151
 NT1 terbium 158
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 NT1 terbium 167
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 NT1 terbium 169
 NT1 terbium 170
 NT1 thallium 180
 NT1 thallium 181
 NT1 thallium 182
 NT1 thallium 184
 NT1 thallium 185
 NT1 thallium 186
 NT1 thallium 187
 NT1 thallium 195
 NT1 thallium 197
 NT1 thallium 207
 NT1 thorium 215
 NT1 thorium 223
 NT1 thorium 224
 NT1 thulium 151
 NT1 thulium 152
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 NT1 thulium 154
 NT1 thulium 155
 NT1 thulium 156
 NT1 thulium 162
 NT1 thulium 178
 NT1 thulium 179
 NT1 tin 102
 NT1 tin 103
 NT1 tin 105
 NT1 tin 128
 NT1 tin 131
 NT1 tin 132
 NT1 tin 133
 NT1 tin 134
 NT1 titanium 53
 NT1 tungsten 160
 NT1 tungsten 162
 NT1 tungsten 163
 NT1 tungsten 164
 NT1 tungsten 165
 NT1 tungsten 166
 NT1 tungsten 167
 NT1 tungsten 168
 NT1 tungsten 169
 NT1 tungsten 183
 NT1 vanadium 43
 NT1 vanadium 54
 NT1 vanadium 55
 NT1 xenon 112
 NT1 xenon 113
 NT1 xenon 114
 NT1 xenon 115
 NT1 xenon 116
 NT1 xenon 125
 NT1 xenon 139
 NT1 xenon 140
 NT1 xenon 141
 NT1 xenon 142
 NT1 xenon 144
 NT1 ytterbium 153
 NT1 ytterbium 155
 NT1 ytterbium 156
 NT1 ytterbium 157
 NT1 ytterbium 169
 NT1 ytterbium 176
 NT1 ytterbium 177
 NT1 yttrium 78
 NT1 yttrium 79
 NT1 yttrium 80
 NT1 yttrium 82
 NT1 yttrium 84
 NT1 yttrium 89
 NT1 yttrium 96
 NT1 yttrium 97
 NT1 yttrium 98

NT1 yttrium 99
 NT1 zinc 73
 NT1 zinc 75
 NT1 zinc 76
 NT1 zinc 77
 NT1 zinc 78
 NT1 zinc 79
 NT1 zirconium 100
 NT1 zirconium 101
 NT1 zirconium 102
 NT1 zirconium 103
 NT1 zirconium 104
 NT1 zirconium 83
 NT1 zirconium 85
 NT1 zirconium 87
 NT1 zirconium 98
 NT1 zirconium 99
 RT half-life
 RT lifetime

SECURITY PROTECTION

INIS: 1977-03-14; ETDE: 1977-06-03
Measures, regulations or orders established to protect the secrecy of certain places, installations or offices.

SF invention secrecy act
 RT atomic energy laws
 RT classified information
 RT cryptography
 RT identification systems
 RT physical protection
 RT physical protection devices
 RT sabotage
 RT security
 RT security violations

SECRETIN

*BT1 peptide hormones
 RT secretion
 RT small intestine

SECRETION

NT1 pheromone
 RT body fluids
 RT excretion
 RT gastric acid
 RT gastrin
 RT glands
 RT secretin

sector cyclotron

INIS: 2000-04-12; ETDE: 1987-10-22
 USE isochronous cyclotrons

SECTORAL ANALYSIS

INIS: 1992-10-23; ETDE: 1984-05-08
Economic or energy analysis by sectors of economy, energy consumption, energy production, or other sectors.

RT business
 RT commercial sector
 RT households
 RT residential sector
 RT service sector
 RT transportation sector

SECULAR EQUATION

BT1 equations
 RT eigenvalues
 RT matrices

SECURITY

(Prior to May 1996 SURVEILLANCE was a valid ETDE descriptor. From July 1984 till April 1997 CRYPTOGRAPHY was a valid descriptor. From May 1987 till March 1997 TERRORISM was a valid descriptor.)

UF security control
 SF document destruction
 SF surveillance
 SF terrorism

NT1 national security
RT biometric authentication
RT classified information
RT cryptography
RT entry control systems
RT human intrusion
RT identification systems
RT interception
RT intrusion detection systems
RT motion detection systems
RT nuclear forensics
RT physical protection
RT physical protection devices
RT sabotage
RT safety
RT secrecy protection
RT security personnel
RT security violations
RT theft

security (financial)

INIS: 1976-12-08; ETDE: 2002-06-13

USE financial security

security control

INIS: 1990-12-21; ETDE: 2002-06-13

(Prior to December 1990, this was a valid descriptor.)

USE security

SECURITY PERSONNEL

INIS: 1983-06-30; ETDE: 1981-01-27

UF guards
BT1 personnel
RT nuclear materials diversion
RT physical protection
RT sabotage
RT safeguards
RT security

SECURITY SEALS

INIS: 1976-09-06; ETDE: 1976-11-01

BT1 physical protection devices
BT1 seals
RT safeguards

SECURITY VIOLATIONS

INIS: 2000-04-12; ETDE: 1983-03-24

BT1 violations
RT national security
RT personnel
RT secrecy protection
RT security

SEDAN EVENT

***BT1** cratering explosions
BT1 plowshare project

sedatives

USE hypnotics and sedatives

sediment basins

INIS: 2000-04-12; ETDE: 1985-10-10

USE settling ponds

SEDIMENT-WATER INTERFACES

INIS: 1985-04-22; ETDE: 1980-07-09

Boundary between sediment surface and overlying water.

BT1 interfaces
RT limnology
RT sea bed
RT sediments

SEDIMENTARY BASINS

INIS: 1992-06-15; ETDE: 1980-03-04

Geologically depressed sediment-filled areas.

UF basins (sedimentary)
BT1 geologic structures
NT1 appalachian basin
 NT2 chattanooga formation
NT1 williston basin

RT limnology
RT powder river basin
RT sedimentary rocks

sedimentary intrusive rocks

INIS: 1985-10-23; ETDE: 2002-06-13

USE plutonic rocks

SEDIMENTARY ROCKS

BT1 rocks
NT1 carbonate rocks
 NT2 limestone
 NT3 travertine
NT1 chert
NT1 conglomerates
 NT2 calcretes
NT1 evaporites
NT1 phosphate rocks
 NT2 phosphorites
NT1 sandstones
 NT2 graywacke
NT1 shales
 NT2 argillite
 NT2 oil shales
 NT3 black shales
NT1 siltstones
NT1 sinters
RT fossils
RT sedimentary basins

SEDIMENTATION

UF deposition (gravitational)
RT aerosols
RT centrifugation
RT decantation
RT dusts
RT fallout
RT fallout deposits
RT particles
RT precipitation
RT sediments
RT settling ponds

SEDIMENTOMETERS

2000-04-12

BT1 measuring instruments
RT densimeters
RT radiometric gages

SEDIMENTS

RT alluvial deposits
RT catagenesis
RT detritus
RT diagenesis
RT dredge spoil
RT environmental materials
RT geologic deposits
RT pore pressure
RT river deltas
RT sea bed
RT sediment-water interfaces
RT sedimentation
RT silt
RT sludges

SEEBECK EFFECT

RT thermoelectricity

SEED RECOVERY

2000-04-12

SF recovery
RT mhd generators
RT plasma seeding
RT seed-slag interactions
RT spent seed

SEED-SLAG INTERACTIONS

INIS: 1985-07-23; ETDE: 1979-04-11

RT chemical reactions
RT coal-fired mhd generators
RT mhd generators
RT plasma seeding

RT seed recovery
RT slags

seeding (plasma)

INIS: 1976-10-29; ETDE: 2002-06-13

USE plasma seeding

seedis

INIS: 2000-04-12; ETDE: 1981-11-10

Computer index of social, economic, environmental, and demographic data. (Prior to January 1995, this was a valid descriptor.)

SEE information systems

SEEDLINGS

RT coleoptile
RT germination
RT plants

SEEDS

UF fruit (seeds)
 UF grains (cereal)
NT1 coffee beans
NT1 lentils
NT1 mungbeans
NT1 peanuts
NT1 peas
NT1 soybeans
RT beans
RT buffalo gourd
RT endosperm
RT food
RT germination
RT plants
RT vernalization

SEEPS

INIS: 2000-04-12; ETDE: 1977-04-12

Locations where liquid petroleum or natural gas emerges at the surface as a result of the slow migration from its buried source through minute pores or fissure networks.

RT geochemical surveys
RT natural gas deposits
RT petroleum deposits

SEFOR REACTOR

US AEC/General Electric Co., near Fayetteville, Arkansas, USA.

UF southwest experimental fast oxide reactor

***BT1** experimental reactors
 ***BT1** fast reactors
 ***BT1** plutonium reactors
 ***BT1** power reactors
 ***BT1** sodium cooled reactors

segas process

INIS: 2000-04-12; ETDE: 1978-04-05

A noncatalytic thermal steam reformer process for production of synthesis gas from residual fuel oils or heavy crudes.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE steam reformer processes

SEGREGATION

RT guinier-preston zones
RT impurities
RT solidification

SEIBERSDORF IAEA LABORATORY

INIS: 1988-04-15; ETDE: 1988-05-23

UF iaea seibersdorf laboratory
 ***BT1** iaea

SEIBERSDORF RESEARCH CENTRE

INIS: 1988-06-22; ETDE: 1988-07-15

UF austrian research center seibersdorf
 UF oefzs
 ***BT1** austrian organizations

RT astra reactor

SEIDB

INIS: 2000-04-12; ETDE: 1981-07-18

UF solar energy information data bank

BT1 information systems

SEISMIC ARRAYS

INIS: 1992-09-01; ETDE: 1978-12-11

BT1 measuring instruments

RT seismic detection

RT seismic detectors

RT seismic sources

RT seismic surveys

RT seismographs

SEISMIC DETECTION

UF detection (seismic)

BT1 detection

NT1 in-country detection

RT nuclear explosion detection

RT rayleigh waves

RT seismic arrays

RT seismic detectors

RT seismic noise

RT seismic p waves

RT seismic s waves

RT seismic waves

RT seismographs

RT underground explosions

RT vela project

SEISMIC DETECTORS

INIS: 1992-09-01; ETDE: 1976-09-14

UF geophones

BT1 measuring instruments

RT ground motion

RT seismic arrays

RT seismic detection

RT seismic surveys

RT seismic waves

RT seismographs

SEISMIC EFFECTS

2000-04-07

RT blast effects

RT earthquakes

RT ground motion

RT landslides

RT nuclear explosions

RT seismic events

RT seismic isolation

RT seismic noise

RT seismic waves

RT shock absorbers

RT shock waves

RT soil-structure interactions

RT underground explosions

SEISMIC EVENTS

INIS: 1992-06-19; ETDE: 1976-12-16

NT1 earthquakes

NT2 microearthquakes

RT explosions

RT ground motion

RT nuclear explosions

RT rock bursts

RT seismic effects

RT seismic waves

RT tsunamis

SEISMIC ISOLATION

INIS: 1990-09-24; ETDE: 1990-10-09

RT earthquakes

RT safety engineering

RT seismic effects

RT shock absorbers

RT soil-structure interactions

SEISMIC NOISE

1976-10-29

A more or less continuous motion in the earth unrelated to an earthquake with a period of 1 to 9 seconds.

UF microseism

BT1 noise

RT seismic detection

RT seismic effects

RT seismic waves

SEISMIC P WAVES

UF body waves p (seismic)

UF p waves (seismic)

BT1 seismic waves

RT earthquakes

RT seismic detection

RT underground explosions

SEISMIC S WAVES

INIS: 1980-05-14; ETDE: 1976-11-17

UF body waves s (seismic)

UF s waves (seismic)

UF shear waves (seismic)

BT1 seismic waves

RT earthquakes

RT seismic detection

RT underground explosions

SEISMIC SOURCES

INIS: 1999-03-08; ETDE: 1976-09-14

Devices for generating seismic pulses.

RT seismic arrays

RT seismic surveys

RT seismic waves

RT sonic logging

RT sound waves

SEISMIC SURFACE WAVES

INIS: 1999-09-17; ETDE: 1978-07-05

Seismic waves that travel along the surface of the earth or parallel to the earth's surface.

(From July 1978 till March 1997 LOVE

WAVES was a valid ETDE descriptor.)

UF l waves

UF love waves

UF surface waves (seismic)

BT1 seismic waves

RT earthquakes

RT rayleigh waves

SEISMIC SURVEYS

1975-11-07

Methods of geophysical prospecting using the generation, reflection, refraction, detection, and analysis of elastic waves in the earth.

*BT1 geophysical surveys

RT acoustic measurements

RT geologic structures

RT geothermal exploration

RT magnetic surveys

RT seismic arrays

RT seismic detectors

RT seismic sources

SEISMIC WAVES

Disturbances or earth tremors produced by mechanical disturbances on the surface or underground.

NT1 seismic p waves

NT1 seismic s waves

NT1 seismic surface waves

RT earthquakes

RT ground motion

RT rayleigh waves

RT seismic detection

RT seismic detectors

RT seismic effects

RT seismic events

RT seismic noise

RT seismic sources

RT seismographs

RT seismology

RT tsunamis

RT underground explosions

SEISMICITY

INIS: 1994-07-01; ETDE: 1978-07-05

Measure of frequency of earthquakes.

(Until June 1994 this concept was indexed to EARTHQUAKES.)

RT earthquakes

RT risk assessment

RT subduction zones

SEISMOGRAPHS

BT1 measuring instruments

RT acoustic measurements

RT earthquakes

RT ground motion

RT seismic arrays

RT seismic detection

RT seismic detectors

RT seismic waves

RT underground explosions

SEISMOLOGY

The study of earthquakes, by extension, the study of the structure of the interior of the earth via both natural and artificially generated seismic signals.

(From September 1979 till February 1997

DISPLACEMENT RATES was a valid ETDE descriptor.)

SF displacement rates

RT earthquakes

RT geologic faults

RT geologic structures

RT ground motion

RT seismic waves

RT shock waves

RT underground explosions

RT vela project

SELECTION RULES

NT1 superselection rules

RT decay

RT energy-level transitions

RT forbidden transitions

RT interactions

RT quantum mechanics

RT spurions

SELECTIVE CATALYTIC REDUCTION

INIS: 1992-07-21; ETDE: 1990-02-28

*BT1 denitrification

*BT1 reduction

RT air pollution control

RT catalysis

RT flue gas

RT nitrogen oxides

SELENATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 oxygen compounds

BT1 selenium compounds

RT selenium oxides

selengut approximation

2000-04-12

(Prior to August 1996 SELENGUT-GOERTZEL EQUATION was a valid ETDE descriptor.)

USE neutron slowing-down theory

selengut-goertzel equation

2000-04-12

(Prior to August 1996 this was a valid ETDE descriptor.)

USE neutron slowing-down theory

SELENIDES

1997-06-19

BT1 chalcogenides
 BT1 selenium compounds
 NT1 aluminium selenides
 NT1 americium selenides
 NT1 antimony selenides
 NT1 arsenic selenides
 NT1 berkelium selenides
 NT1 beryllium selenides
 NT1 bismuth selenides
 NT1 cadmium selenides
 NT1 californium selenides
 NT1 cerium selenides
 NT1 cesium selenides
 NT1 chromium selenides
 NT1 cobalt selenides
 NT1 copper selenides
 NT1 curium selenides
 NT1 dysprosium selenides
 NT1 erbium selenides
 NT1 europium selenides
 NT1 gadolinium selenides
 NT1 gallium selenides
 NT1 germanium selenides
 NT1 hafnium selenides
 NT1 holmium selenides
 NT1 indium selenides
 NT1 iron selenides
 NT1 lanthanum selenides
 NT1 lead selenides
 NT1 lithium selenides
 NT1 lutetium selenides
 NT1 manganese selenides
 NT1 mercury selenides
 NT1 molybdenum selenides
 NT1 neptunium selenides
 NT1 nickel selenides
 NT1 niobium selenides
 NT1 palladium selenides
 NT1 plutonium selenides
 NT1 potassium selenides
 NT1 praseodymium selenides
 NT1 rhenium selenides
 NT1 rhodium selenides
 NT1 rubidium selenides
 NT1 ruthenium selenides
 NT1 samarium selenides
 NT1 scandium selenides
 NT1 silver selenides
 NT1 sodium selenides
 NT1 tantalum selenides
 NT1 technetium selenides
 NT1 terbium selenides
 NT1 thallium selenides
 NT1 thorium selenides
 NT1 thulium selenides
 NT1 tin selenides
 NT1 titanium selenides
 NT1 tungsten selenides
 NT1 uranium selenides
 NT1 vanadium selenides
 NT1 ytterbium selenides
 NT1 yttrium selenides
 NT1 zinc selenides
 NT1 zirconium selenides
 RT intermetallic compounds
 RT oxyselenides
 RT selenium alloys

SELENITES

Specific compounds should be indexed by coordination of a descriptor of the form

(CATION) COMPOUNDS and the above anion descriptor.

BT1 oxygen compounds
 BT1 selenium compounds

SELENIUM

*BT1 semimetals

SELENIUM 64

2007-03-16

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 nanoseconds living radioisotopes
 *BT1 selenium isotopes

SELENIUM 65

1993-06-25

*BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 selenium isotopes

SELENIUM 66

INIS: 2003-01-03; ETDE: 2002-12-26

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 proton decay radioisotopes
 *BT1 selenium isotopes

SELENIUM 67

INIS: 1996-06-17; ETDE: 1996-05-31

*BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 selenium isotopes

SELENIUM 68

*BT1 beta-plus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 selenium isotopes

SELENIUM 69

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 selenium isotopes

SELENIUM 70

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 selenium isotopes

SELENIUM 71

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 selenium isotopes

SELENIUM 72

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 selenium isotopes

SELENIUM 72 TARGET

INIS: 1976-02-11; ETDE: 1976-07-12
 BT1 targets

SELENIUM 73

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 selenium isotopes

SELENIUM 74

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 selenium isotopes
 *BT1 stable isotopes

SELENIUM 74 TARGET

ETDE: 1976-07-09

BT1 targets

SELENIUM 75

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 selenium isotopes

SELENIUM 75 TARGET

INIS: 1984-06-21; ETDE: 1982-10-20

BT1 targets

SELENIUM 76

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 selenium isotopes
 *BT1 stable isotopes

SELENIUM 76 REACTIONS

INIS: 1988-06-22; ETDE: 1988-07-15

*BT1 heavy ion reactions

SELENIUM 76 TARGET

ETDE: 1976-07-09

BT1 targets

SELENIUM 77

*BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 seconds living radioisotopes
 *BT1 selenium isotopes
 *BT1 stable isotopes

SELENIUM 77 TARGET

ETDE: 1976-07-09

BT1 targets

SELENIUM 78

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 selenium isotopes
 *BT1 stable isotopes

SELENIUM 78 TARGET

ETDE: 1976-07-09

BT1 targets

SELENIUM 79

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 selenium isotopes
 *BT1 years living radioisotopes

SELENIUM 80

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 selenium isotopes
 *BT1 stable isotopes

SELENIUM 80 REACTIONS

INIS: 1986-01-21; ETDE: 1986-02-21

*BT1 heavy ion reactions

SELENIUM 80 TARGET*ETDE: 1976-07-09*

BT1 targets

SELENIUM 81

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 selenium isotopes

SELENIUM 82

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 selenium isotopes
- *BT1 stable isotopes

SELENIUM 82 REACTIONS*INIS: 1980-12-01; ETDE: 1981-01-09*

*BT1 heavy ion reactions

SELENIUM 82 TARGET*ETDE: 1976-07-09*

BT1 targets

SELENIUM 83

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 selenium isotopes

SELENIUM 84

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 selenium isotopes

SELENIUM 85

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 selenium isotopes

SELENIUM 86

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 selenium isotopes

SELENIUM 87

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 selenium isotopes

SELENIUM 88

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 selenium isotopes

SELENIUM 89*1976-07-06*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 selenium isotopes

SELENIUM 91*1976-03-17*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes

*BT1 selenium isotopes

SELENIUM ADDITIONS

*BT1 selenium alloys

SELENIUM ALLOYS*Alloys containing more than 1% Se.*

- BT1 alloys
- NT1 selenium additions
- RT selenides

SELENIUM BROMIDES

- *BT1 bromides
- *BT1 selenium halides

SELENIUM CARBIDES*INIS: 1996-07-08; ETDE: 2002-06-13*

(From June 1996 to November 2007

SELENIUM COMPOUNDS + CARBIDES

was used for this concept.)

- *BT1 carbides
- BT1 selenium compounds

SELENIUM CHLORIDES

- *BT1 chlorides
- *BT1 selenium halides

SELENIUM COMPLEXES

- BT1 complexes

SELENIUM COMPOUNDS*1996-07-08*

- NT1 oxyselenides
- NT1 selenates
- NT1 selenides
- NT2 aluminium selenides
- NT2 americium selenides
- NT2 antimony selenides
- NT2 arsenic selenides
- NT2 berkelium selenides
- NT2 beryllium selenides
- NT2 bismuth selenides
- NT2 cadmium selenides
- NT2 californium selenides
- NT2 cerium selenides
- NT2 cesium selenides
- NT2 chromium selenides
- NT2 cobalt selenides
- NT2 copper selenides
- NT2 curium selenides
- NT2 dysprosium selenides
- NT2 erbium selenides
- NT2 europium selenides
- NT2 gadolinium selenides
- NT2 gallium selenides
- NT2 germanium selenides
- NT2 hafnium selenides
- NT2 holmium selenides
- NT2 indium selenides
- NT2 iron selenides
- NT2 lanthanum selenides
- NT2 lead selenides
- NT2 lithium selenides
- NT2 lutetium selenides
- NT2 manganese selenides
- NT2 mercury selenides
- NT2 molybdenum selenides
- NT2 neptunium selenides
- NT2 nickel selenides
- NT2 niobium selenides
- NT2 palladium selenides
- NT2 plutonium selenides
- NT2 potassium selenides
- NT2 praseodymium selenides
- NT2 rhenium selenides
- NT2 rhodium selenides
- NT2 rubidium selenides
- NT2 ruthenium selenides
- NT2 samarium selenides
- NT2 scandium selenides
- NT2 silver selenides

- NT2 sodium selenides
- NT2 tantalum selenides
- NT2 technetium selenides
- NT2 terbium selenides
- NT2 thallium selenides
- NT2 thorium selenides
- NT2 thulium selenides
- NT2 tin selenides
- NT2 titanium selenides
- NT2 tungsten selenides
- NT2 uranium selenides
- NT2 vanadium selenides
- NT2 ytterbium selenides
- NT2 yttrium selenides
- NT2 zinc selenides
- NT2 zirconium selenides
- NT1 selenites
- NT1 selenium carbides
- NT1 selenium halides
- NT2 selenium bromides
- NT2 selenium chlorides
- NT2 selenium fluorides
- NT2 selenium iodides
- NT1 selenium hydrides
- NT1 selenium oxides
- NT1 selenium sulfides
- NT1 selenium tellurides
- NT1 tmts

SELENIUM FLUORIDES

- *BT1 fluorides
- *BT1 selenium halides

SELENIUM HALIDES*2012-07-25*

- *BT1 halides
- BT1 selenium compounds
- NT1 selenium bromides
- NT1 selenium chlorides
- NT1 selenium fluorides
- NT1 selenium iodides

SELENIUM HYDRIDES

- UF hydrogen selenides*
- *BT1 hydrides
- BT1 selenium compounds

SELENIUM IODIDES

- *BT1 iodides
- *BT1 selenium halides

SELENIUM IONS

- *BT1 ions

SELENIUM ISOTOPES*1999-07-16*

- BT1 isotopes
- NT1 selenium 64
- NT1 selenium 65
- NT1 selenium 66
- NT1 selenium 67
- NT1 selenium 68
- NT1 selenium 69
- NT1 selenium 70
- NT1 selenium 71
- NT1 selenium 72
- NT1 selenium 73
- NT1 selenium 74
- NT1 selenium 75
- NT1 selenium 76
- NT1 selenium 77
- NT1 selenium 78
- NT1 selenium 79
- NT1 selenium 80
- NT1 selenium 81
- NT1 selenium 82
- NT1 selenium 83
- NT1 selenium 84
- NT1 selenium 85
- NT1 selenium 86
- NT1 selenium 87

NT1 selenium 88
 NT1 selenium 89
 NT1 selenium 91

selenium ores

1996-07-23

(Until July 1996 this was a valid descriptor.)

USE ores

SELENIUM OXIDES

*BT1 oxides
 BT1 selenium compounds
 RT guilleminite
 RT oxide minerals
 RT selenates

SELENIUM SOLAR CELLS

INIS: 2000-04-12; ETDE: 1975-11-11

*BT1 solar cells

SELENIUM SULFIDES

BT1 selenium compounds
 *BT1 sulfides

SELENIUM TELLURIDES

INIS: 1991-09-16; ETDE: 1982-05-12

BT1 selenium compounds
 *BT1 tellurides

SELEXOL PROCESS

2000-04-12

Process for gas purification and removal of hydrogen sulfide, carbon dioxide, cos, mercaptans, etc., from gas streams by physical absorption using dimethyl ether of polyethylene glycol, trade named selexol.

*BT1 desulfurization

SELF-ABSORPTION

*BT1 absorption

SELF-CONSISTENT FIELD

RT atomic models
 RT hartree-fock-bogolyubov theory
 RT hartree-fock method
 RT lcao method
 RT mean-field theory

SELF-DIFFUSION

BT1 diffusion

SELF-ENERGY

BT1 energy
 RT quantum electrodynamics

SELF-IRRADIATION

BT1 irradiation
 RT autoradiolysis
 RT radiation effects

self-learning systems

INIS: 2004-05-28; ETDE: 2004-06-01

USE adaptive systems

self-potential logging

INIS: 1984-04-04; ETDE: 1976-06-07

(Prior to January 2003 INIS used WELL LOGGING for this concept.)

USE sp logging

SELF-POTENTIAL SURVEYS

INIS: 2000-04-12; ETDE: 1976-08-24

Electrical surveys based on the detection of electric potentials developed in the earth.

*BT1 electrical surveys

SELF-POWERED DETECTORS

*BT1 radiation detectors
 NT1 self-powered gamma detectors
 NT1 self-powered neutron detectors
 RT compton diode detectors

SELF-POWERED GAMMA DETECTORS

*BT1 self-powered detectors

SELF-POWERED NEUTRON DETECTORS

UF collectrons
 *BT1 neutron detectors
 *BT1 self-powered detectors

SELF-PUMPING SYSTEMS

INIS: 2000-04-12; ETDE: 1979-11-07

BT1 circulating systems
 RT pumping
 RT pumps
 RT thermosyphon effect

self-serve stations

INIS: 2000-04-12; ETDE: 1979-05-09

USE gasoline service stations

SELF-SHIELDING

RT absorption
 RT shielding

SELF-WELDING

INIS: 1999-07-13; ETDE: 1979-08-07

The bonding of surfaces of similar materials after exposure to high-temperature and load conditions.

RT welding

SELLAFIELD REPROCESSING PLANT

INIS: 1984-06-21; ETDE: 1984-07-10

UF windscale reprocessing plant
 *BT1 fuel reprocessing plants

SELLBACK

INIS: 1993-01-21; ETDE: 1980-03-04

Sellback of excess energy to a public utility by a consumer.

UF buyback
 RT economics
 RT interconnected power systems
 RT legal aspects
 RT public utilities
 RT surplus power

sellers

INIS: 1992-04-03; ETDE: 1979-10-03

USE marketers

SELNI REACTOR

UF trino vercellese reactor

*BT1 pwr type reactors

selox process

INIS: 2000-04-12; ETDE: 1985-10-25

The selective oxidation (selox) process involves the partial oxidation of methane in a catalytic fluid bed reactor to generate synthesis gas. The synthesis gas produced has a stoichiometry which is attractive for methanol synthesis.

(Prior to July 1993, this was a valid ETDE descriptor.)

USE coal gasification

sem (microscopy)

INIS: 2000-04-12; ETDE: 1979-10-03

USE scanning electron microscopy

SEMI-EXCLUSIVE INTERACTIONS

INIS: 1987-11-02; ETDE: 1987-12-23

*BT1 exclusive interactions
 RT semi-inclusive interactions

semi-homogeneous critical assembly

1993-11-09

USE shca reactor

SEMI-INCLUSIVE INTERACTIONS

INIS: 1981-10-15; ETDE: 1979-05-02

*BT1 inclusive interactions
 RT semi-exclusive interactions

SEMIBATCH CULTURE

INIS: 2000-04-12; ETDE: 1978-06-14

RT aerobic digestion
 RT anaerobic digestion
 RT batch culture
 RT continuous culture
 RT culture media
 RT fermentation
 RT single cell protein

SEMICARBAZIDES

*BT1 carbonic acid derivatives
 *BT1 organic nitrogen compounds
 *BT1 organic oxygen compounds

SEMICARBAZONES

*BT1 carbonic acid derivatives
 *BT1 organic nitrogen compounds
 RT aldehydes
 RT ketones

semicircular spectrometers

USE flat magnetic spectrometers

SEMICLASSICAL APPROXIMATION

UF sca model
 *BT1 approximations
 RT quantum mechanics
 RT scattering

SEMICOKE

INIS: 2000-04-12; ETDE: 1976-02-19

The solid residue obtained by carbonization, esp. of coal at a relatively low temperature (as below 700 degrees C) that is in general softer and more friable than coke from carbonization at higher temperatures, that gives a hot smokeless fire, and that can be used as a domestic fuel.

RT coke
 RT coking
 RT fuels
 RT semicoking

SEMICOKING

INIS: 2000-04-12; ETDE: 1976-02-19

RT coke
 RT coking
 RT fuels
 RT semicoking

semiconductor counters

USE semiconductor detectors

SEMICONDUCTOR DETECTORS

UF semiconductor counters
 *BT1 radiation detectors
 NT1 bulk semiconductor detectors
 NT1 cdte semiconductor detectors
 NT1 cdznte semiconductor detectors
 NT1 ge semiconductor detectors
 NT2 high-purity ge detectors
 NT2 li-drifted ge detectors
 NT1 hgi2 semiconductor detectors
 NT1 insb semiconductor detectors
 NT1 junction detectors
 NT2 li-drifted junction detectors
 NT1 li-drifted detectors
 NT2 li-drifted ge detectors
 NT2 li-drifted junction detectors
 NT2 li-drifted si detectors
 NT1 si semiconductor detectors
 NT2 li-drifted si detectors
 NT2 si microstrip detectors
 NT1 surface barrier detectors
 RT dosimeters

RT radiator counters
RT semiconductor devices

SEMICONDUCTOR DEVICES

NT1 charge-coupled devices
NT1 semiconductor diodes
 NT2 germanium diodes
 NT2 junction diodes
 NT2 light emitting diodes
 NT2 photodiodes
 NT2 schottky barrier diodes
 NT2 silicon diodes
 NT2 switching diodes
 NT2 tunnel diodes
 NT2 variable capacitance diodes
NT1 semiconductor lasers
NT1 semiconductor rectifiers
NT1 semiconductor resistors
NT1 semiconductor storage devices
NT1 semiconductor switches
NT1 thermistors
NT1 thyristors
NT1 transistors
 NT2 field effect transistors
 NT3 mosfet
 NT2 junction transistors
 NT2 mis transistors
 NT2 mos transistors
 NT3 mosfet
 NT2 phototransistors
 NT2 surface barrier transistors
RT depletion layer
RT display devices
RT electrical equipment
RT electronic equipment
RT miniaturization
RT optoelectronic devices
RT oscillators
RT photoelectric cells
RT semiconductor detectors

SEMICONDUCTOR DIODES

UF diodes (*semiconductor*)
BT1 semiconductor devices
NT1 germanium diodes
NT1 junction diodes
NT1 light emitting diodes
NT1 photodiodes
NT1 schottky barrier diodes
NT1 silicon diodes
NT1 switching diodes
NT1 tunnel diodes
NT1 variable capacitance diodes
RT betavoltaic cells
RT photovoltaic cells
RT semiconductor junctions
RT semiconductor rectifiers
RT thermionic diodes

SEMICONDUCTOR JUNCTIONS

SF junctions
NT1 heterojunctions
NT1 homojunctions
NT1 mim junctions
NT1 ms junctions
NT1 p-n junctions
RT junction detectors
RT junction transistors
RT semiconductor diodes
RT semiconductor materials

SEMICONDUCTOR LASERS

BT1 semiconductor devices
***BT1** solid state lasers

SEMICONDUCTOR MATERIALS

If known, coordinate with descriptors for the specific materials.

UF materials (*semiconductor*)
BT1 materials
NT1 magnetic semiconductors

NT1 n-type conductors
NT1 organic semiconductors
NT1 p-type conductors
RT depletion layer
RT doped materials
RT electric conductors
RT electron mobility
RT fano factor
RT graded band gaps
RT nanostructures
RT p-n junctions
RT photoconductors
RT semiconductor junctions
RT semimetals
RT thermoelectric materials
RT traps

SEMICONDUCTOR RECTIFIERS

***BT1** rectifiers
BT1 semiconductor devices
RT semiconductor diodes

SEMICONDUCTOR RESISTORS

UF varistors
***BT1** resistors
BT1 semiconductor devices

SEMICONDUCTOR STORAGE DEVICES

BT1 memory devices
BT1 semiconductor devices

SEMICONDUCTOR SWITCHES

BT1 semiconductor devices
***BT1** switches

semidiurnal variation

USE daily variations

semihomogeneous critical assembly

INIS: 1993-11-09; ETDE: 2002-06-13
USE shca reactor

SEMILEPTONIC DECAY

INIS: 1978-02-23; ETDE: 1978-05-01
Weak decay with at least one neutrino and hadron among the decay products.

***BT1** weak particle decay
RT beta decay
RT leptonic decay
RT leptons
RT neutrinos
RT weak hadronic decay

SEMIMETALS

UF metalloids
BT1 elements
NT1 arsenic
NT1 boron
NT1 selenium
NT1 silicon
 NT2 silicene
NT1 tellurium
RT alloys
RT intermetallic compounds
RT metals
RT nonmetals
RT semiconductor materials

seminal vesicles

USE male genitals

SEMIPALATINSK TEST SITE

INIS: 1997-11-07; ETDE: 1998-06-01
BT1 nuclear test sites
RT kazakhstan
RT nuclear explosions
RT nuclear weapons

SEMISUBMERSIBLE PLATFORMS

2008-07-04
BT1 offshore platforms

sena reactor

Societe d'Energie Nucleaire des Ardennes reactor, Chooz.
USE chooz-a reactor

SENDAI-1 REACTOR

INIS: 1979-09-18; ETDE: 1979-10-23
Kyushu Electric Power Co., Sendai, Kagoshima, Japan.
UF kyushu-3 reactor
***BT1** pwr type reactors

SENDAI-2 REACTOR

INIS: 1982-06-09; ETDE: 1982-07-08
Kyushu Electric Power Co., Sendai, Kagoshima, Japan.
***BT1** pwr type reactors

sendai cyclotron

INIS: 1983-06-30; ETDE: 2000-09-20
USE tohoku cyclotron

SENEGAL

BT1 africa
BT1 developing countries

SENGIERITE

2000-04-12
***BT1** oxide minerals
***BT1** uranium minerals
RT copper oxides
RT uranium oxides
RT vanadium oxides

senior centers

INIS: 2000-04-12; ETDE: 1981-01-09
USE public buildings

senior executive service

INIS: 2000-04-12; ETDE: 1981-06-13
(Prior to January 1995, this was a valid ETDE descriptor.)
SEE management
SEE personnel

SENIORITY NUMBER

BT1 quantum numbers
RT quantum mechanics

senn reactor

USE garigliano reactor

SENSE ORGANS

***BT1** organs
NT1 auditory organs
NT1 eyes
 NT2 conjunctiva
 NT2 cornea
 NT2 crystalline lens
 NT2 lacrimal ducts
 NT2 retina
 NT2 uvea
NT1 taste buds
NT1 vestibular apparatus
RT chemoreceptors
RT head
RT nervous system
RT nose
RT olfactory bulbs
RT organoleptic properties
RT receptors
RT reflexes
RT sense organs diseases
RT sensors

SENSE ORGANS DISEASES

BT1 diseases
NT1 cataracts
NT1 conjunctivitis
RT nervous system diseases
RT ophthalmology
RT sense organs

RT skin diseases

SENSIBLE HEAT STORAGE

INIS: 1993-06-04; ETDE: 1977-06-30

Storage of thermal energy utilizing the specific heat capacity of a material without changing the phase of the material.

*BT1 heat storage

RT rock beds

RT seasonal thermal energy storage

RT tanks

RT thermal energy storage equipment

RT thermal mass

RT trombe walls

RT water walls

SENSITIVITY

The quantitative aspect concerned with the threshold for detecting a given material, property, etc.

UF detection limits

UF heat stability

NT1 photosensitivity

NT1 radiosensitivity

RT accuracy

RT biological adaptation

RT biological effects

RT dead time

RT resolution

RT specificity

RT spectral response

SENSITIVITY ANALYSIS

INIS: 1981-02-27; ETDE: 1979-07-18

Response of a mathematical model to variations of the input parameters.

RT calculation methods

RT computer calculations

RT errors

RT mathematical models

RT parametric analysis

RT response functions

SENSITIZERS

BT1 reagents

SENSORS

2007-06-29

Coordinate this descriptor with one for the instrument of which the sensor is a component.

RT electronic equipment

RT measuring instruments

RT probes

RT remote sensing

RT sense organs

seoul triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE triga-2-seoul reactor

seoul triga-mk-3 reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE triga-3-seoul reactor

sepa

INIS: 2000-04-12; ETDE: 1980-03-29

USE southeastern power administration

SEPARATED ORBIT CYCLOTRONS

1996-01-24

*BT1 cyclotrons

separation energy

USE binding energy

SEPARATION EQUIPMENT

INIS: 1986-07-09; ETDE: 1981-05-18

SF oil-water separators

BT1 equipment

NT1 extraction apparatuses

NT2 extraction columns

NT2 mist extractors

NT2 mixer-settlers

NT2 podbielniak contactors

NT1 inertial separators

NT2 cyclone separators

NT1 isotope separators

NT1 vapor separators

NT2 steam separators

RT separation processes

SEPARATION NOZZLE METHOD

*BT1 isotope separation

RT nozzles

SEPARATION PROCESSES

1997-06-17

(Prior to August 1996 SLUREX PROCESS was a valid ETDE descriptor.)

UF slurex process

NT1 carbon sequestration

NT1 centrifugation

NT2 gas centrifugation

NT2 ultracentrifugation

NT1 chemisorption

NT1 chromatography

NT2 extraction chromatography

NT2 gas chromatography

NT2 gel permeation chromatography

NT2 ion exchange chromatography

NT2 liquid column chromatography

NT3 high-performance liquid chromatography

NT2 radiochromatography

NT2 supercritical fluid chromatography

NT2 thermochromatography

NT2 thin-layer chromatography

NT1 cng process

NT1 decantation

NT1 demetallization

NT1 demineralization

NT2 desalination

NT1 dewaxing

NT1 dialysis

NT2 electro dialysis

NT1 distillation

NT2 destructive distillation

NT2 solar distillation

NT2 vacuum distillation

NT1 electrostatic separation

NT1 elutriation

NT1 extraction

NT2 deasphalting

NT2 reductive extraction

NT2 solvent extraction

NT3 phenosolvan process

NT3 supercritical gas extraction

NT1 field flow fractionation

NT1 filtration

NT2 ultrafiltration

NT1 flotation

NT1 foam separation

NT1 fractionation

NT1 freezing out

NT1 heavy media separation

NT2 otisca process

NT1 isotope separation

NT2 dual temperature process

NT2 electromagnetic isotope separation

NT2 gas centrifugation

NT2 gaseous diffusion process

NT2 laser isotope separation

NT2 separation nozzle method

NT1 leaching

NT2 microbial leaching

NT1 licado process

NT1 metal transfer process

NT1 multi-element separation

NT1 ore enrichment

NT1 phosam process

NT1 precipitation

NT2 coprecipitation

NT2 flocculation

NT1 precipitation scavenging

NT1 reprocessing

NT2 airox process

NT2 amex process

NT2 chloride volatility process

NT2 civex process

NT2 csrex process

NT2 dapex process

NT2 diamex process

NT2 eurex process

NT2 fluoride volatility process

NT2 iodox process

NT2 purex process

NT2 pyrochemical reprocessing

NT2 redox process

NT2 sesame process

NT2 talspeak process

NT2 thorex process

NT2 tramex process

NT2 truex process

NT2 zirflex process

NT1 zone refining

RT adsorption

RT concentrators

RT crystallization

RT cyclone separators

RT dust collectors

RT electrophoresis

RT electrostatic precipitators

RT ion exchange

RT jigs

RT magnetic filters

RT magnetic separators

RT particle size classifiers

RT purification

RT refining

RT screens

RT scrubbing

RT separation equipment

RT sorting

RT sublimation

RT supported liquid membranes

RT tailings

RT thermal diffusion

separators (inertial)

INIS: 1976-10-07; ETDE: 2002-06-13

USE inertial separators

separators (steam)

USE steam separators

separators (vapor)

USE vapor separators

SEPIOLITE

INIS: 2000-04-12; ETDE: 1983-02-09

A chain-lattice clay mineral.

*BT1 clays

RT magnesium silicates

SEPTICEMIA

RT blood

RT infectious diseases

SEPTUM MAGNETS

1999-07-02

*BT1 magnets

RT beam extraction

RT beam optics

RT electrostatic septa

RT magnet coils

RT magnetic analyzers

sequence analysis

INIS: 1984-04-04; ETDE: 2002-06-13

Analysis of nucleotide and protein chains by means of radioisotope labelling.

USE structural chemical analysis

SEQUENTIAL CIRCUITS

BT1 electronic circuits
RT digital circuits

SEQUENTIAL SCANNING

INIS: 1983-06-30; ETDE: 1983-07-20

BT1 counting techniques
RT biomedical radiography
RT computerized tomography
RT dynamic function studies
RT image scanners

sequestration (carbon oxides)

2004-01-14

USE carbon sequestration

sequestrene

USE edta

SEQUIM BAY

Site of new HAPO marine research lab.

*BT1 bays
*BT1 pacific ocean
RT hapo
RT washington

SEQUOYAH-1 REACTOR

TVA, Soddy-Daisy, Tennessee, USA.

UF sequoyah nuclear power plant unit-1
*BT1 pwr type reactors

SEQUOYAH-2 REACTOR

TVA, Soddy-Daisy, Tennessee, USA.

UF sequoyah nuclear power plant unit-2
*BT1 pwr type reactors

sequoyah nuclear power plant unit-1

1999-09-17

USE sequoyah-1 reactor

sequoyah nuclear power plant unit-2

1999-09-17

USE sequoyah-2 reactor

SEQUOYAH UF6 PRODUCTION**PLANT**

BT1 industrial plants
*BT1 us aec
*BT1 us doe
*BT1 us erda
RT oklahoma
RT uranium hexafluoride

SER REACTOR

Sandia Laboratories, Albuquerque, New Mexico, USA. Shut down in 1970.

UF snap-2 experimental reactor
*BT1 enriched uranium reactors
*BT1 nak cooled reactors
*BT1 potassium cooled reactors
*BT1 process heat reactors
*BT1 sodium cooled reactors

serber-goldberger model

USE goldberger model

SERBER THEORY

RT stripping

SERBIA

2006-11-20

SF serbia and montenegro
SF yugoslavia
BT1 developing countries
*BT1 eastern europe
RT danube river

serbia and montenegro

2004-03-08

(From March 2004 till November 2006 this was a valid descriptor. From 1992 till March 2004 YUGOSLAVIA was used for this concept.)

SEE montenegro
SEE serbia

seri

INIS: 1992-05-04; ETDE: 1978-02-14

USE national renewable energy laboratory

SERIES EXPANSION

NT1 cluster expansion
NT1 neumann series
NT1 operator product expansion
NT1 power series
RT boson expansion
RT continued fractions
RT convergence
RT equations
RT exact solutions
RT functions
RT mathematical evolution
RT mathematics
RT pade approximation
RT spline functions
RT superconvergence relations

SERINE

UF hydroxy-alpha-alanine-beta
*BT1 amino acids
*BT1 hydroxy acids

SERINE PROTEINASES

INIS: 1986-12-03; ETDE: 1981-01-12

Code number 3.4.21.

UF properdin
*BT1 peptide hydrolases
NT1 chymotrypsin
NT1 fibrinolysin
NT1 kallikrein
NT1 thrombin
NT1 trypsin

SEROTONIN

*BT1 hydroxy compounds
*BT1 neuroregulators
*BT1 radioprotective substances
*BT1 sympathomimetics
*BT1 tryptamines
NT1 bufotenine

SEROUS MEMBRANES

BT1 membranes
NT1 mesentery
NT1 pericardium
NT1 peritoneum
NT1 pleura

SERPENTINE

2000-04-12

A group of common rock-forming minerals.

*BT1 silicate minerals
RT magnesium silicates

SERPENTINITES

INIS: 2000-04-12; ETDE: 1980-08-12

*BT1 metamorphic rocks

SERPUKHOV SYNCHROTRON

UF u-70 synchrotron

*BT1 synchrotrons
RT ihep
RT serpukhov tevatron

SERPUKHOV TEVATRON

INIS: 1985-11-16; ETDE: 1985-12-13

3-TeV accelerating-storage complex based on the Serpukhov synchrotron.

BT1 storage rings

*BT1 synchrotrons

RT serpukhov synchrotron

SERRATIA

*BT1 bacteria

serum (blood)

USE blood serum

serum (immune)

USE immune serums

servers (computers)

2005-05-25

USE computers

SERVICE LIFE

INIS: 1992-02-26; ETDE: 1976-08-04

UF life (service)
UF useful life
SF durability
BT1 lifetime
NT1 lifetime extension
RT life-cycle cost

SERVICE SECTOR

INIS: 1992-10-23; ETDE: 1980-08-12

RT commercial sector
RT residential sector
RT sectoral analysis

service stations

INIS: 2000-04-12; ETDE: 1979-05-09

USE gasoline service stations

service water systems

1976-04-03

USE auxiliary water systems

SERVOMECHANISMS

*BT1 control equipment
RT actuators
RT feedback
RT remote control

SESAME OIL

UF beni oil
UF benne oil
UF gigily oil
UF gingelly oil
UF gingily oil
UF teal oil
UF teel oil
UF til oil
*BT1 vegetable oils
RT sesamum indicum

SESAME PROCESS

INIS: 1998-06-30; ETDE: 1998-10-20

*BT1 reprocessing
RT americium
RT oxidation

SESAME STORAGE RING

2018-11-09

BT1 storage rings
*BT1 synchrotrons
RT sesame synchrotron laboratory

SESAME SYNCHROTRON LABORATORY

2018-11-09

Synchrotron-Light for Experimental Science and Applications in the Middle East.

ILaboratory, Allan, Jordan

BT1 international organizations
RT light sources
RT sesame storage ring
RT synchrotron radiation sources
RT x-ray sources

SESAMUM INDICUM

INIS: 2001-02-28; ETDE: 2002-01-18

- *BT1 magnoliopsida
- RT sesame oil

SET THEORY

INIS: 1989-07-19; ETDE: 1979-05-03

Study of structure and size of sets from viewpoint of axioms imposed.

- BT1 mathematics
- RT fuzzy logic
- RT information theory
- RT periodicity

settlements (disputes)

INIS: 1976-12-08; ETDE: 2002-06-13

- USE dispute settlements

SETTLING PONDS

INIS: 1990-04-19; ETDE: 1985-10-10

- UF sediment basins
- *BT1 ponds
- RT drainage
- RT runoff
- RT sedimentation
- RT waste processing

SEVERANCE TAX

INIS: 2000-04-12; ETDE: 1981-03-17

Tax on the taking and use of natural resources imposed at the time the mineral or other product is extracted.

- UF production tax
- BT1 taxes
- RT resource depletion

SEVERE ACCIDENTS

2017-03-14

For severe reactor accidents coordinate with a descriptor from REACTOR ACCIDENTS.

- *BT1 beyond-design-basis accidents
- NT1 meltdown
- NT2 melt-through
- NT1 reactor core disruption

SEVERN RIVER

INIS: 1991-12-11; ETDE: 1976-01-07

- *BT1 rivers
- RT united kingdom

SEWAGE

INIS: 1994-08-26; ETDE: 1976-01-27

(Until August 1994 this concept was indexed to LIQUID WASTES.)

- BT1 wastes
- NT1 sewage sludge
- RT activated sludge process
- RT compost
- RT organic wastes

sewage disposal

ETDE: 2002-06-13

- USE liquid wastes
- USE waste disposal

SEWAGE SLUDGE

INIS: 1976-07-16; ETDE: 1976-01-23

Precipitated solid matter from sewage treatment processes.

- UF municipal sludge
- UF sludges (sewage)
- *BT1 biological wastes
- *BT1 sewage
- BT1 sludges
- RT anaerobic digestion
- RT ground disposal
- RT slurries
- RT soil conservation

sewage treatment

ETDE: 2002-06-13

- USE liquid wastes

- USE waste processing

SEX

- RT female genitals
- RT females
- RT gonads
- RT heterochromosomes
- RT male genitals
- RT males
- RT mating
- RT pheromone
- RT reproduction
- RT sex chromatin
- RT sex dependence
- RT sex ratio

SEX CHROMATIN

- BT1 chromatin
- RT sex

sex chromosomes

- USE heterochromosomes

SEX DEPENDENCE

INIS: 1976-10-07; ETDE: 1976-11-01

- RT females
- RT males
- RT sex

SEX RATIO

- BT1 dimensionless numbers
- RT progeny
- RT sex

seychelles (republic of)

2003-05-23

- USE republic of seychelles

SEYFERT GALAXIES

- BT1 galaxies
- RT bl lacertae objects
- RT quasars

sf nateko process

INIS: 2000-04-12; ETDE: 1976-01-23

Desulfurization process for stack gases by countercurrent contact with lime slurry.

(Prior to January 1995, this was a valid ETDE descriptor.)

- USE lime-limestone wet scrubbing processes

sferics

- USE atmospheric

SGHWR REACTOR

- UF steam generating heavy water reactor
- *BT1 enriched uranium reactors
- *BT1 heavy water moderated reactors
- *BT1 pressure tube reactors
- *BT1 thermal reactors
- *BT1 water cooled reactors

SGR TYPE REACTORS

- UF sodium cooled graphite moderated reactors
- *BT1 graphite moderated reactors
- *BT1 sodium cooled reactors
- NT1 sre reactor
- RT power reactors

sgtr

2017-07-18

- USE steam generator tube rupture

SH-PROTEINASES

INIS: 1986-12-03; ETDE: 1981-01-12

Code number 3.4.22.

- *BT1 peptide hydrolases
- NT1 cathepsins
- NT1 papain
- NT1 streptococcal proteinase

SHADING

INIS: 2000-04-12; ETDE: 1975-08-19

- RT curtains
- RT shutters
- RT solar flux
- RT sun shades

SHADOW EFFECT

- RT cross sections
- RT nuclear reactions
- RT scattering

SHAFT EXCAVATIONS

INIS: 1981-03-27; ETDE: 1977-03-08

Vertical or inclined openings of uniform and limited cross section, as made for mining ore.

- NT1 mine shafts
- NT2 abandoned shafts
- RT excavation
- RT konrad ore mine
- RT mines
- RT mining
- RT radioactive waste disposal
- RT shaft guides
- RT tunneling
- RT tunnels
- RT underground disposal

SHAFT GUIDES

INIS: 2000-04-12; ETDE: 1980-08-12

- UF guides (shaft)
- RT shaft excavations

shafts (mechanical)

INIS: 1976-09-06; ETDE: 2002-06-13

- USE mechanical shafts

shafts (mine)

INIS: 1991-12-18; ETDE: 2002-06-13

- USE mine shafts

SHALE GAS

2000-04-12

- *BT1 gases
- RT oil shales

shale mining

INIS: 2000-04-12; ETDE: 1983-02-09

- USE oil shale mining

SHALE OIL

- *BT1 petroleum
- NT1 shale oil fractions
- RT fischer assay
- RT hydroretorting assay
- RT ichthammol
- RT kerogen
- RT oil shale industry
- RT oil shales
- RT pyrolytic oils
- RT shale tar oils
- RT synthetic petroleum

SHALE OIL FRACTIONS

INIS: 2000-04-12; ETDE: 1976-03-11

- UF green oil
- *BT1 shale oil
- RT oil shales

SHALE TAR

2000-04-12

- *BT1 tar
- RT bituminous materials
- RT shale tar acids
- RT shale tar bases
- RT shale tar oils

SHALE TAR ACIDS

INIS: 2000-04-12; ETDE: 1976-08-24

- *BT1 organic acids
- RT shale tar

SHALE TAR BASES

INIS: 2000-04-12; ETDE: 1976-07-07

BT1 bases
BT1 organic compounds
RT shale tar

SHALE TAR OILS

2000-04-12

*BT1 oils
RT shale oil
RT shale tar

SHALE TAR WATER

2000-04-12

*BT1 waste water

SHALES

*BT1 sedimentary rocks
NT1 argillite
NT1 oil shales
NT2 black shales
RT carbonate minerals
RT clays
RT feldspars
RT iron oxides
RT oxide minerals
RT quartz
RT silt
RT siltstones
RT spent shales

shallow land burial

INIS: 2000-04-12; ETDE: 1986-04-29

USE ground disposal

shandong miniature neutron source reactor

2004-03-15

USE mnsr-sd reactor

shanghai inr cyclotron

INIS: 1983-06-01; ETDE: 1983-07-07

USE inr cyclotron

shanghai miniature neutron source reactor

2004-03-15

USE mnsr-sh reactor

SHAPE

1996-04-30

NT1 parabolas
NT1 troposkien shape
RT cones
RT configuration
RT cylinders
RT dimensions
RT mass distribution
RT morphogenesis
RT morphology
RT plates
RT prisms
RT rings
RT rods
RT shape memory effect
RT slabs
RT spheres
RT spheroids
RT tubes

SHAPE MEMORY EFFECT

1986-08-19

A shape recovery effect in metal specimens. It is associated with the martensite parent transformation.

UF marmen effect
RT elasticity
RT nitinol heat engines
RT phase transformations
RT shape

shaped charges

INIS: 1984-04-04; ETDE: 1979-08-07

(Prior to August 1979 CHEMICAL EXPLOSIVES and SHAPE were used. From then till March 1997 this was a valid ETDE descriptor.)
USE chemical explosives

sharja

INIS: 1992-05-07; ETDE: 1976-08-05

USE united arab emirates

sharpite

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)
USE carbonate minerals
USE uranium minerals

shattering

1975-11-27

USE fragmentation

SHAWNEE STEAM PLANT

INIS: 2000-04-12; ETDE: 1981-11-10

*BT1 fossil-fuel power plants
RT kentucky
RT tennessee valley authority

SHCA REACTOR

UF semi-homogeneous critical assembly
UF semihomogeneous critical assembly
*BT1 enriched uranium reactors
*BT1 graphite moderated reactors
*BT1 solid homogeneous reactors
*BT1 thermal reactors
*BT1 zero power reactors

SHEAR

RT fluid flow
RT magnetic fields
RT reversed shear
RT richardson number
RT rotational transform
RT stresses
RT tensile properties

SHEAR PROPERTIES

UF shear strength
UF strength (shear)
BT1 mechanical properties

shear strength

USE shear properties

shear waves (seismic)

INIS: 1980-05-14; ETDE: 1976-11-17

USE seismic s waves

SHEARER LOADERS

INIS: 2000-04-12; ETDE: 1980-05-23

*BT1 cutter loaders
RT coal mining

shearon harris-1 reactor

USE harris-1 reactor

shearon harris-2 reactor

USE harris-2 reactor

shearon harris-3 reactor

USE harris-3 reactor

shearon harris-4 reactor

USE harris-4 reactor

sheathing

USE canning

sheaths (fuel)

USE fuel cans

SHEEP

UF lambs
*BT1 domestic animals
*BT1 ruminants
RT dictyocaulus
RT meat

SHEETS

1996-04-18

Thinner than plates but thicker than foils.

RT cast method
RT dendritic web growth method
RT foils
RT inverted stepanov method
RT plates
RT ribbon-to-ribbon method
RT ribbon-to-sheet method

SHEILA HELIAC

INIS: 1987-06-29; ETDE: 1987-07-09

*BT1 heliac stellarators
RT h-1 heliac

shell claus off-gas treating process

2000-04-12

USE scot process

shell flue gas desulfurization process

INIS: 2000-04-12; ETDE: 1977-12-22

SEE shell-uop copper oxide process

SHELL GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1976-01-23

Partial oxidation of hydrocarbons to produce carbon monoxide and hydrogen and methanation to sng.

BT1 sng processes
RT hydrocarbons
RT partial oxidation processes
RT petroleum

SHELL-KOPPERS GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1980-04-14

Entrained, pressurized system using coal, steam, and oxygen to produce intermediate btu gas.

*BT1 coal gasification

SHELL MODELS

1996-07-08

Nuclear shell models only; for electron shell models use ELECTRONIC STRUCTURE.

UF continuum shell model
UF models (shell)
SF wilkinson theory
*BT1 nuclear models
NT1 governor model
NT1 interacting boson model
NT1 multi-center shell model
RT aligned coupling scheme
RT broken-pair approximation
RT elliot model
RT talmi integrals
RT weak-coupling model

SHELL PELLET HEAT EXCHANGER RETORTING

INIS: 2000-04-12; ETDE: 1981-01-27

Fluidization bed process in which shale flows upward countercurrent to larger heat-carrier pellets.

UF spher
RT oil shales
RT retorting

SHELL-UOP COPPER OXIDE PROCESS

INIS: 2000-04-12; ETDE: 1977-04-12

Process to remove sulfur dioxide and nitrogen oxides simultaneously from flue gas using dry copper oxide on alumina sorbent.

SF shell flue gas desulfurization process

*BT1 desulfurization

RT denitrification

RT waste processing

SHELLS

Structural forms; for electron shells in atoms use *ELECTRONIC STRUCTURE*.

RT coverings

RT domed structures

RT liners

RT mechanical structures

shells (containment)

USE containment shells

SHELTERS

NT1 animal shelters

NT1 fallout shelters

RT buildings

RT civil defense

RT local fallout

RT nuclear explosions

RT nuclear weapons

RT radiation protection

RT shielding

RT subsurface structures

shenzen miniature neutron source reactor

2004-03-15

USE mnsr-sz reactor

sherardizing

USE diffusion coating

SHERMAN TABLES

RT anisotropy

RT spin

sherwood project

2000-04-12

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE thermonuclear reactions

shf radiation

USE ghz range 01-100

USE radiowave radiation

SHIELD SUPPORTS

INIS: 2000-04-12; ETDE: 1985-04-09

*BT1 powered supports

RT mining

shield test reactor

USE stir reactor

SHIELDED METAL-ARC WELDING

*BT1 arc welding

shielded organs

USE partial body irradiation

SHIELDING

NT1 biological shielding

NT1 magnetic shielding

RT absorption

RT alara

RT buildup

RT collimators

RT containers

RT distance

RT external irradiation

RT gloveboxes

RT gloves

RT half-thickness

RT heterogeneous effects

RT hot cells

RT manipulators

RT point kernels

RT radiation protection

RT scattering

RT self-shielding

RT shelters

RT shielding materials

RT shields

RT shutters

RT stray radiation

RT thermal insulation

RT thickness

SHIELDING MATERIALS

UF materials (shielding)

BT1 materials

RT building materials

RT concretes

RT hydrophylic polymers

RT lead

RT paraffin

RT radiation protection

RT reactor components

RT reactor materials

RT shielding

RT shields

SHIELDS

NT1 biological shields

NT1 thermal shields

RT radiation protection

RT reactor components

RT shielding

RT shielding materials

SHIFT PROCESSES

INIS: 2000-05-02; ETDE: 1975-10-28

Processes using the addition of steam to gasification products to increase the hydrogen/carbon monoxide ratio.

RT coal gasification

RT methanation

shift work

INIS: 2000-04-12; ETDE: 1987-04-08

USE alternative work schedules

SHIGELLA

*BT1 bacteria

SHIKA-1 REACTOR

INIS: 1989-09-14; ETDE: 1989-10-16

Hokuriku Electric Power Co., Shika, Ishikawa, Japan.

UF noto-1 reactor

*BT1 bwr type reactors

SHIKA-2 REACTOR

2008-07-24

Hokuriku Electric Power Co., Shika, Ishikawa, Japan

UF noto-2 reactor

*BT1 bwr type reactors

SHIKIMIC ACID

*BT1 hydroxy acids

SHIM RODS

UF coarse control rods

*BT1 control elements

RT neutron absorbers

SHIMANE-1 REACTOR

Chugoku Electric Power Co., Kashima, Shimane, Japan. Permanent shutdown since April 2015.

UF chugoku electric power company reactor

*BT1 bwr type reactors

SHIMANE-2 REACTOR

INIS: 1985-11-16; ETDE: 1985-08-08

Chugoku Electric Power Co., Kashima, Shimane, Japan.

*BT1 bwr type reactors

SHIMANE-3 REACTOR

2017-11-09

Chugoku Electric Power Co., Kashima, Shimane, Japan. Under construction.

*BT1 bwr type reactors

SHIN-KORI-1 REACTOR

2017-10-30

Kori, Republic of Korea.

*BT1 pwr type reactors

SHIN-KORI-2 REACTOR

2017-10-30

Kori, Republic of Korea.

*BT1 pwr type reactors

SHIN-KORI-3 REACTOR

2017-10-30

Kori, Republic of Korea.

*BT1 pwr type reactors

SHIN-WOLSONG-1 REACTOR

2017-10-30

Nae-ri, Yangnam-myeon, Gyeongju, North Gyeongsang province, South Korea.

*BT1 pwr type reactors

SHIP PROPULSION REACTORS

UF naval reactors

UF s8g prototype reactor

SF enrico fermi reactor

*BT1 propulsion reactors

NT1 efd-50 reactor

NT1 lenin reactor

NT1 leonid brezhnev reactor

NT1 mutsu reactor

NT1 otto hahn reactor

NT1 savannah reactor

NT1 sibir reactor

RT nuclear ships

ship reactor mutsu

2000-04-12

USE mutsu reactor

shipment

USE transport

SHIPPER-RECEIVER DIFFERENCES

INIS: 1976-09-06; ETDE: 1976-11-01

RT material balance

RT material unaccounted for

shippingport pressurized water reactor

1993-11-09

USE shippingport reactor

SHIPPINGPORT REACTOR

US AEC/US DOE, Shippingport, Pennsylvania, USA. Shut down as PWR in 1974. Resumed operation in 1977 as LWBR. Retired in 1982.

UF shippingport pressurized water reactor

*BT1 pwr type reactors

SHIPS

UF drill ships

UF puget sound naval shipyard

NT1 nuclear ships

NT2 ns 50 let pobedy

NT3 ok-900a reactors

NT2 ns enrico fermi

NT2 ns lenin

NT2 ns leonid brezhnev

NT2 ns sevmorput
NT2 ns sibir
NT2 ns taymyr
NT2 ns vaygach
NT2 ns yamal
NT2 nuclear merchant ships
NT3 ns mutsu
NT3 ns otto hahn
NT3 ns savannah
NT1 submarines
NT1 tanker ships
RT barges
RT maritime transport
RT motorboats
RT navigation
RT navigational instruments
RT positioning
RT sails
RT thrusters

shirley basin uranium mill

1996-07-23

(Until July 1996 this was a valid descriptor.)

USE feed materials plants

SHIVA FACILITY

INIS: 1978-04-21; ETDE: 1978-02-14

Large Nd laser facility at LLL to be used for laser fusion.

RT laser fusion reactors
RT lawrence livermore laboratory
RT lawrence livermore national laboratory
RT neodymium lasers
RT nova facility
RT novette facility

shoal event

1996-07-23

(Until July 1996 this was a valid descriptor.)

USE vela project

shock (biological)

USE biological shock

shock (electric)

INIS: 2000-04-12; ETDE: 1979-07-24

USE electric shock

shock (impact)

USE impact shock

shock (medical)

USE biological shock

shock (thermal)

USE thermal shock

SHOCK ABSORBERS

RT damping
RT energy losses
RT impact shock
RT restraints
RT seismic effects
RT seismic isolation
RT shock waves

SHOCK HEATING

*BT1 plasma heating

SHOCK TUBES

RT shock waves

shock wave hardening

USE strain hardening

shock-wave hardening

INIS: 1984-04-04; ETDE: 2002-06-13

USE strain hardening

SHOCK WAVES

UF riemann waves
UF waves (shock)

NT1 detonation waves
RT blast effects
RT combustion waves
RT earthquakes
RT explosions
RT ground motion
RT hydromagnetic waves
RT impact shock
RT implosions
RT lax theorem
RT mach number
RT nuclear explosions
RT rankine-hugoniot equations
RT seismic effects
RT seismology
RT shock absorbers
RT shock tubes
RT soil-structure interactions
RT solitons
RT supersonic flow
RT transonic flow
RT water hammer

shoes

USE clothing

SHOPPING CENTERS

INIS: 1993-03-23; ETDE: 1979-05-02

*BT1 commercial buildings

SHOREHAM REACTOR

Long Island Lighting Co., Shoreham, New York, USA. Shut down in 1989; decommissioned in 1995.

*BT1 bwr type reactors

SHORES

For both lake- and sea-land boundaries.

UF coast
UF seacoast
BT1 coastal regions
RT coastal waters
RT lakes
RT offshore nuclear power plants
RT offshore sites
RT river deltas
RT seas

short circuits

INIS: 1983-10-14; ETDE: 1976-12-16

USE electrical faults

short-lens spectrometers

USE magnetic lens spectrometers

short-range interactions

USE interaction range

SHORT ROTATION CULTIVATION

INIS: 1992-02-04; ETDE: 1979-10-23

Agro-forestry system in which seedlings are planted like a row crop, and rapid juvenile growth is promoted by cultural practices.

BT1 cultivation techniques
RT agriculture
RT biomass plantations
RT forestry
RT trees

SHORT WAVE RADIATION

UF hf radiation
UF high frequency radiation
UF high-frequency radiation
***BT1** radiowave radiation

SHORTAGES

INIS: 1993-06-07; ETDE: 1980-08-25

UF shortfalls
NT1 energy shortages
RT allocations
RT availability
RT domestic supplies

RT fuel supplies
RT inventories
RT supply disruption

shortfalls

INIS: 2000-04-12; ETDE: 1980-08-25

USE shortages

SHORTITE

2000-04-12

A double carbonate of sodium and calcium.

***BT1** carbonate minerals
RT calcium carbonates
RT sodium carbonates

shorts (electrical)

INIS: 1983-10-14; ETDE: 2002-06-13

USE electrical faults

SHORTWALL MINING

INIS: 2000-04-12; ETDE: 1977-05-07

***BT1** underground mining
RT coal mining

SHOT PEENING

UF peening
***BT1** cold working
BT1 surface treatments
RT descaling
RT surface cleaning
RT surface hardening

shotfiring

INIS: 2000-04-12; ETDE: 1978-04-27

USE explosive fracturing

SHOWER COUNTERS

Detects high energy gamma radiation or high energy particles on basis of cascade showers in layered absorbers.

UF calorimeter detectors
UF calorimeters (particle)
UF ionization calorimeters
UF total-absorption spectrometers
***BT1** radiation detectors
RT cosmic ray detection
RT fermilab collider detector
RT gev range
RT stanford linear collider detector

SHOWERS

For rain showers use RAIN; for safety showers use SAFETY SHOWERS.

NT1 cascade showers
NT1 cosmic showers
NT2 extensive air showers

showers (safety)

INIS: 2000-04-12; ETDE: 1980-11-24

USE safety showers

SHREDDERS

INIS: 1987-05-26; ETDE: 1983-04-28

***BT1** materials handling equipment
RT cutting tools

SHREWS

*BT1 mammals

SHRIMP

***BT1** decapods
RT prawns
RT seafood

SHRINKAGE

RT augmentation
RT contraction
RT dilatometry

SHROUDS

Cover enveloping the active length of a fuel assembly, to stabilize the coolant flow through the assembly.

- *BT1 reactor cooling systems
- RT fuel assemblies
- RT fuel channels
- RT jackets

SHRUBS

- UF *chrysothamnus nauseosus*
- UF *rabbit brush*
- BT1 plants
- NT1 *jatropha*
- NT1 *jojoba*
- RT conifers
- RT preferred species

SHUBNIKOV-DE HAAS EFFECT

- RT hall effect
- RT magnetic fields
- RT magnetoresistance

SHUNT REACTORS

INIS: 2000-07-11; ETDE: 1979-08-07
Devices connected in shunt to an electric power system for drawing inductive current, e.g., to compensate for capacitive currents from transmission lines, cables, or shunt capacitors.

- *BT1 electrical equipment
- RT power transmission
- RT power transmission lines

shunts

INIS: 1975-10-23; ETDE: 2002-06-16
 USE bypasses

SHUTDOWN

INIS: 1983-03-14; ETDE: 1991-06-26
 (Prior to June 1991 SHUTDOWNS was a valid ETDE descriptor.)

- NT1 reactor shutdown
- NT2 scram
- RT cancellation
- RT decommissioning
- RT outages

shutdown (reactor)

2000-04-12
 USE reactor shutdown

shutin pressure

INIS: 1986-07-09; ETDE: 1978-09-11
 USE reservoir pressure

SHUTTERS

- INIS: 1982-10-29; ETDE: 1979-02-27
- RT buildings
- RT collimators
- RT coverings
- RT curtains
- RT neutron choppers
- RT openings
- RT optical systems
- RT shading
- RT shielding
- RT sun shades
- RT thermal insulation
- RT windows

shuttle cars

INIS: 2000-04-12; ETDE: 1979-09-27
 USE trackless vehicles

shuttles

- USE rabbit tubes

SI MICROSTRIP DETECTORS

INIS: 2004-06-11; ETDE: 2004-07-08
 *BT1 si semiconductor detectors

SI SEMICONDUCTOR DETECTORS

- UF *silicon semiconductor detectors*
- *BT1 semiconductor detectors
- NT1 li-drifted si detectors
- NT1 si microstrip detectors

SI UNITS

- INIS: 1997-06-05; ETDE: 1976-07-07
- UF *becquerel*
- UF *gray*
- UF *sievert*
- UF *sievert unit*
- BT1 units
- RT metric system

si(li) detectors

INIS: 1984-06-21; ETDE: 2002-06-13
 USE li-drifted si detectors

SIALIC ACID

- RT amines
- RT gangliosides
- RT organic acids

sialon

INIS: 1984-04-04; ETDE: 1982-02-08
 USE aluminium oxides
 USE silicon nitrides

SIBERIA

INIS: 1993-03-18; ETDE: 1978-06-14
 BT1 asia
 *BT1 russian federation
 RT chukchi sea

sibir (nuclear ship)

INIS: 1985-09-09; ETDE: 2002-06-13
 USE ns sibir

SIBIR REACTOR

INIS: 1985-09-09; ETDE: 1985-10-10
 UF *icebreaker sibir reactor*
 UF *nuclear ship sibir reactor*
 *BT1 ship propulsion reactors
 RT ns sibir

sichromal alloys

2000-04-12
 (Prior to February 1995, this was a valid ETDE descriptor.)
 USE aluminium alloys
 USE chromium alloys
 USE iron base alloys
 USE silicon alloys

SICILY

INIS: 1992-06-04; ETDE: 1980-08-12
 *BT1 italy

sick leave

INIS: 2000-04-12; ETDE: 1983-05-21
 (Prior to January 1995, this was a valid ETDE descriptor.)
 SEE personnel management

SICKLE CELL ANEMIA

INIS: 1982-12-07; ETDE: 1981-01-30
 *BT1 anemias
 RT erythrocytes
 RT hereditary diseases

SICROMO 9M

2000-04-12
 *BT1 chromium alloys
 *BT1 iron base alloys
 *BT1 molybdenum alloys

sid

- USE sudden ionospheric disturbance

SIDE EFFECTS

- RT combined therapy
- RT quality of life

- RT therapeutic doses
- RT therapy

SIDERITE

1993-01-27
A spathic iron ore; an iron carbonate.
 *BT1 carbonate minerals
 *BT1 iron ores
 RT iron carbonates

siegbahn spectrometers

- USE flat magnetic spectrometers

SIEMENS COMPUTERS

INIS: 1977-10-17; ETDE: 1977-11-10
 BT1 computers

siemens unterrichtsreaktor

- USE sur-100 series reactor

SIERRA LEONE

- BT1 africa
- BT1 developing countries

SIERRA NEVADA COLORADO

- BT1 mountains
- RT california
- RT cascade mountains

sievert

INIS: 2000-04-12; ETDE: 1980-08-12
For studies concerning units, concepts, or definitions. See also EQUIVALENT DOSE RANGE.
 (From 1982 till April 1997 SIEVERT UNIT was used for this concept.)
 USE radiation dose units
 USE si units

sievert unit

1997-06-05
See also DOSE EQUIVALENTS.
 (From May 1981 until June 1997 this was a valid descriptor.)
 USE radiation dose units
 USE si units

sigma-1193 resonances

INIS: 1987-12-21; ETDE: 2002-06-13
 SEE sigma minus particles
 SEE sigma neutral particles
 SEE sigma plus particles

SIGMA-1385 BARYONS

INIS: 1987-12-21; ETDE: 1988-02-26
 (Prior to December 1987 this concept was indexed by SIGMA-1385 RESONANCES.)
 UF *sigma-1385 resonances*
 *BT1 sigma baryons

sigma-1385 resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE sigma-1385 baryons

sigma-1640 resonances

2000-04-12
 (Prior to August 1988 this was a valid ETDE descriptor.)
 SEE sigma baryons

SIGMA-1660 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-03
 (Prior to December 1987 this concept was indexed by SIGMA-1660 RESONANCES.)
 UF *sigma-1660 resonances*
 *BT1 sigma baryons

sigma-1660 resonances

INIS: 1987-12-21; ETDE: 1977-04-12
(Prior to December 1987 this was a valid descriptor.)
USE sigma-1660 baryons

SIGMA-1670 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-03
(Prior to December 1987 this concept was indexed by SIGMA-1670 RESONANCES.)
UF sigma-1670 resonances
*BT1 sigma baryons

sigma-1670 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma-1670 baryons

SIGMA-1750 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-03
(Prior to December 1987 this concept was indexed by SIGMA-1750 RESONANCES.)
UF sigma-1750 resonances
*BT1 sigma baryons

sigma-1750 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma-1750 baryons

sigma-1765 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma-1775 baryons

SIGMA-1770 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-03
*BT1 sigma baryons

SIGMA-1775 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-03
(Prior to December 1987 this concept was indexed by SIGMA-1765 RESONANCES.)
UF sigma-1765 resonances
*BT1 sigma baryons

sigma-1910 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma-1915 baryons

SIGMA-1915 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-03
(Prior to December 1987 this concept was indexed by SIGMA-1910 RESONANCES.)
UF sigma-1910 resonances
*BT1 sigma baryons

SIGMA-1940 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-03
(Prior to December 1987 this concept was indexed by SIGMA-1940 RESONANCES.)
UF sigma-1940 resonances
*BT1 sigma baryons

sigma-1940 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma-1940 baryons

SIGMA-2030 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-07
(Prior to December 1987 this concept was indexed by SIGMA-2030 RESONANCES.)
UF sigma-2030 resonances
*BT1 sigma baryons

sigma-2030 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma-2030 baryons

sigma-2430 resonances

INIS: 1987-12-21; ETDE: 1979-09-26
(Prior to December 1987 this was a valid descriptor.)
USE sigma c-2455 baryons

SIGMA-2455 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-07
(Prior to December 1987 this concept was indexed by SIGMA-2455 RESONANCES.)
UF sigma-2455 resonances
*BT1 sigma baryons

sigma-2455 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma-2455 baryons

sigma-410 resonances

2000-04-12
(Prior to August 1988 this was a valid ETDE descriptor.)
USE sigma model

SIGMA BARYONS

INIS: 1995-07-17; ETDE: 1988-02-26
SF sigma-1640 resonances
*BT1 hyperons
NT1 sigma-1385 baryons
NT1 sigma-1660 baryons
NT1 sigma-1670 baryons
NT1 sigma-1750 baryons
NT1 sigma-1770 baryons
NT1 sigma-1775 baryons
NT1 sigma-1915 baryons
NT1 sigma-1940 baryons
NT1 sigma-2030 baryons
NT1 sigma-2455 baryons
NT1 sigma particles
NT2 antisigma particles
NT2 sigma minus particles
NT2 sigma neutral particles
NT2 sigma plus particles

sigma c-2450 baryons

INIS: 1995-08-07; ETDE: 1988-02-19
(From December 1987 until July 1995 this was a valid term.)
USE sigma c-2455 baryons

SIGMA C-2455 BARYONS

1995-08-07
(Until December 1987 this concept was indexed by SIGMA-2430 RESONANCES; from then until July 1995 it was indexed by SIGMA C-2450 BARYONS.)
UF sigma-2430 resonances
UF sigma c-2450 baryons
*BT1 charmed baryons

sigma minus

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma minus particles

sigma-minus atoms

USE hadronic atoms

SIGMA MINUS PARTICLES

INIS: 1987-12-21; ETDE: 1988-02-26
(Prior to December 1987 this concept was indexed by SIGMA MINUS.)
UF sigma minus

SF sigma-1193 resonances
*BT1 sigma particles

SIGMA MODEL

1995-07-17
UF sigma-410 resonances
*BT1 boson-exchange models
RT pseudoscalar mesons
RT scalar mesons

sigma neutral

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma neutral particles

SIGMA NEUTRAL PARTICLES

INIS: 1987-12-21; ETDE: 1988-02-26
(Prior to December 1987 this concept was indexed by SIGMA NEUTRAL.)
UF sigma neutral
SF sigma-1193 resonances
*BT1 sigma particles

SIGMA PARTICLE BEAMS

*BT1 hyperon beams

SIGMA PARTICLES

*BT1 sigma baryons
NT1 antisigma particles
NT1 sigma minus particles
NT1 sigma neutral particles
NT1 sigma plus particles

SIGMA PILES

RT moderators
RT neutron sources

sigma plus

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE sigma plus particles

SIGMA PLUS PARTICLES

INIS: 1987-12-21; ETDE: 1988-02-26
(Prior to December 1987 this concept was indexed by SIGMA PLUS.)
UF sigma plus
SF sigma-1193 resonances
*BT1 sigma particles

SIGMA TERMS

*BT1 current commutators

sigmalog

INIS: 2000-04-12; ETDE: 1979-04-11
SEE mwd systems

SIGNAL CONDITIONERS

INIS: 2000-04-12; ETDE: 1984-07-20
*BT1 pulse circuits
NT1 digitizers
NT2 cathode ray tube digitizers
NT2 flying spot digitizers
NT2 scanning measuring projectors
NT2 spiral reader digitizers
NT1 pulse shapers
RT signal conditioning
RT signals

SIGNAL CONDITIONING

INIS: 1986-04-03; ETDE: 1984-07-20
Processing of the form or mode of a signal to make it compatible with a given device.
RT data transmission
RT digitizers
RT pulse shapers
RT signal conditioners
RT signals

SIGNAL DISTORTION

1976-03-25

RT data transmission
 RT electromagnetic radiation
 RT radiowave radiation
 RT signals
 RT sound waves

SIGNAL-TO-NOISE RATIO

INIS: 1986-04-04; ETDE: 1980-10-28

(Prior to April 1986 NOISE was used for this concept.)

BT1 dimensionless numbers
 RT accuracy
 RT noise
 RT resolution
 RT signals

SIGNALS

RT communications
 RT data transmission
 RT pulses
 RT signal conditioners
 RT signal conditioning
 RT signal distortion
 RT signal-to-noise ratio

SILANES

UF silicon hydrides
 *BT1 hydrides
 *BT1 organic silicon compounds
 BT1 silicon compounds

SILASTIC

*BT1 rubbers
 *BT1 silicones

SILENE REACTOR

INIS: 1982-06-09; ETDE: 1982-07-08

Final shutdown has been performed.

Decommissioning planned.

*BT1 enriched uranium reactors
 *BT1 research reactors
 *BT1 zero power reactors

silex process

2001-03-06

USE laser isotope separation

SILICA

INIS: 1999-09-17; ETDE: 1993-08-31

The mineral form of silicon dioxide, SiO(sub 2).

*BT1 oxide minerals
 NT1 opals
 RT silicon oxides

SILICA GEL

BT1 adsorbents
 RT adsorption
 RT ion exchange materials
 RT silicon oxides

SILICATE MINERALS

INIS: 1996-11-13; ETDE: 1982-05-12

(The UF terms below have been valid ETDE descriptors.)

UF boltwoodite
 UF catapleite
 UF cerite
 UF cuprosklodowskite
 UF cyrtolite
 UF elpidite
 UF eudialyte
 UF huttonite
 UF pyroxenes
 UF steenstrupine
 UF thorogummite
 UF uranotile
 UF yttrialite
 BT1 minerals
 NT1 alamosite

NT1 allanite
 NT1 alvite
 NT1 amphibole
 NT2 hornblende
 NT1 beryl
 NT1 chlorite minerals
 NT1 clays
 NT2 attapulgate
 NT2 bentonite
 NT2 boom clay
 NT2 clinoptilolite
 NT2 fullers earth
 NT2 illite
 NT2 kaolin
 NT2 montmorillonite
 NT2 opalinus clay
 NT2 sepiolite
 NT2 smectite
 NT1 coffinite
 NT1 cristobalite
 NT1 diopside
 NT1 ekanite
 NT1 enstatite
 NT1 epidotes
 NT1 feldspars
 NT2 anorthite
 NT2 orthoclase
 NT1 freyalite
 NT1 garnets
 NT1 hedenbergite
 NT1 helvite
 NT1 hydrothorite
 NT1 ilvaite
 NT1 kainosite
 NT1 kaolinite
 NT1 lavinite
 NT1 lovozerite
 NT1 mackintoshite
 NT1 maitlandite
 NT1 mesodialyte
 NT1 mica
 NT2 biotite
 NT2 muscovite
 NT2 vermiculite
 NT1 olivine
 NT1 petalite
 NT1 pollucite
 NT1 pyrophyllite
 NT1 ranquillite
 NT1 serpentine
 NT1 sklodowskite
 NT1 soddyite
 NT1 talc
 NT1 thorite
 NT2 jiningite
 NT1 titanite
 NT1 tourmaline
 NT1 uranophane
 NT1 uranothorite
 NT1 zeolites
 NT2 clinoptilolite
 NT2 faujasite
 NT2 heulandite
 NT2 laumontite
 NT2 mordenite
 NT2 wairakite
 NT1 zircon
 RT aluminium silicates
 RT beryllium silicates
 RT boron silicates
 RT calcium silicates
 RT cerium silicates
 RT gabbros
 RT iron silicates
 RT kimberlites
 RT lava
 RT magnesium silicates
 RT manganese silicates
 RT niobium silicates

RT peridotites
 RT potassium silicates
 RT quartz
 RT silicon oxides
 RT sodium silicates
 RT thorium silicates
 RT titanium silicates
 RT uranium silicates
 RT yttrium silicates
 RT zirconium silicates

SILICATES

1997-06-19

UF acid silicates
 SF gadolinite
 BT1 oxygen compounds
 BT1 silicon compounds
 NT1 aluminium silicates
 NT1 americium silicates
 NT1 barium silicates
 NT1 beryllium silicates
 NT1 boron silicates
 NT1 cadmium silicates
 NT1 calcium silicates
 NT1 cerium silicates
 NT1 cesium silicates
 NT1 chromium silicates
 NT1 cobalt silicates
 NT1 copper silicates
 NT1 curium silicates
 NT1 dysprosium silicates
 NT1 europium silicates
 NT1 germanium silicates
 NT1 hafnium silicates
 NT1 holmium silicates
 NT1 hydrogen silicates
 NT1 indium silicates
 NT1 iron silicates
 NT1 lanthanum silicates
 NT1 lead silicates
 NT1 lithium silicates
 NT1 lutetium silicates
 NT1 magnesium silicates
 NT1 manganese silicates
 NT1 molybdenum silicates
 NT1 neodymium silicates
 NT1 nickel silicates
 NT1 niobium silicates
 NT1 plutonium silicates
 NT1 potassium silicates
 NT1 praseodymium silicates
 NT1 radium silicates
 NT1 rubidium silicates
 NT1 samarium silicates
 NT1 scandium silicates
 NT1 sodium silicates
 NT1 strontium silicates
 NT1 tantalum silicates
 NT1 thorium silicates
 NT1 thulium silicates
 NT1 titanium silicates
 NT1 uranium silicates
 NT1 uranyl silicates
 NT1 vanadium silicates
 NT1 ytterbium silicates
 NT1 yttrium silicates
 NT1 zinc silicates
 NT1 zirconium silicates
 RT silicon oxides

SILICENE

2015-06-22

*BT1 silicon
 RT hexagonal systems

siliceous rock

INIS: 2000-04-12; ETDE: 1984-02-23

USE sandstones

SILICIC ACID

Prior to August 2012 the concept "hydrogen silicides" was indexed here.

- *BT1 inorganic acids
- BT1 oxygen compounds
- BT1 silicon compounds
- RT hydrogen silicates

silicic acid esters

INIS: 2000-04-12; ETDE: 1986-03-04
USE organic silicon compounds

SILICIDES

1997-06-19

- BT1 silicon compounds
- NT1 aluminium silicides
- NT1 americium silicides
- NT1 boron silicides
- NT1 calcium silicides
- NT1 cerium silicides
- NT1 cesium silicides
- NT1 chromium silicides
- NT1 cobalt silicides
- NT1 copper silicides
- NT1 dysprosium silicides
- NT1 erbium silicides
- NT1 europium silicides
- NT1 gadolinium silicides
- NT1 germanium silicides
- NT1 gold silicides
- NT1 hafnium silicides
- NT1 holmium silicides
- NT1 iridium silicides
- NT1 iron silicides
- NT1 lanthanum silicides
- NT1 lithium silicides
- NT1 lutetium silicides
- NT1 magnesium silicides
- NT1 manganese silicides
- NT1 molybdenum silicides
- NT1 neodymium silicides
- NT1 nickel silicides
- NT1 niobium silicides
- NT1 palladium silicides
- NT1 platinum silicides
- NT1 potassium silicides
- NT1 praseodymium silicides
- NT1 rhenium silicides
- NT1 rhodium silicides
- NT1 rubidium silicides
- NT1 ruthenium silicides
- NT1 samarium silicides
- NT1 scandium silicides
- NT1 sodium silicides
- NT1 tantalum silicides
- NT1 terbium silicides
- NT1 thorium silicides
- NT1 thulium silicides
- NT1 titanium silicides
- NT1 tungsten silicides
- NT1 uranium silicides
- NT1 vanadium silicides
- NT1 ytterbium silicides
- NT1 yttrium silicides
- NT1 zinc silicides
- NT1 zirconium silicides
- RT intermetallic compounds
- RT silicon additions
- RT silicon alloys

SILICON

- *BT1 semimetals
- NT1 silicene

SILICON 22

INIS: 1987-11-02; ETDE: 1987-12-23
*BT1 even-even nuclei
*BT1 light nuclei
*BT1 silicon isotopes

SILICON 23

INIS: 1986-08-19; ETDE: 1984-05-08
*BT1 even-odd nuclei
*BT1 light nuclei
*BT1 silicon isotopes

SILICON 24

- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 silicon isotopes

SILICON 25

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 silicon isotopes

SILICON 26

- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 seconds living radioisotopes
- *BT1 silicon isotopes

SILICON 27

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 seconds living radioisotopes
- *BT1 silicon isotopes

SILICON 28

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 silicon isotopes
- *BT1 stable isotopes
- RT silicon 28 beams
- RT silicon 28 reactions

SILICON 28 BEAMS

- *BT1 ion beams
- RT silicon 28

SILICON 28 REACTIONS

- *BT1 heavy ion reactions
- RT silicon 28

SILICON 28 TARGET

ETDE: 1976-07-09
BT1 targets

SILICON 29

- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 silicon isotopes
- *BT1 stable isotopes
- RT silicon 29 beams
- RT silicon 29 reactions

SILICON 29 BEAMS

INIS: 1991-03-22; ETDE: 1991-04-09
*BT1 ion beams
RT silicon 29

SILICON 29 REACTIONS

INIS: 1978-04-21; ETDE: 1978-07-06
*BT1 heavy ion reactions
RT silicon 29

SILICON 29 TARGET

ETDE: 1976-07-09
BT1 targets

SILICON 30

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 silicon isotopes
- *BT1 stable isotopes

SILICON 30 REACTIONS

INIS: 1980-02-26; ETDE: 1980-03-29
*BT1 heavy ion reactions

SILICON 30 TARGET

ETDE: 1976-07-09
BT1 targets

SILICON 31

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 light nuclei
- *BT1 silicon isotopes

SILICON 32

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 silicon isotopes
- *BT1 years living radioisotopes

SILICON 32 DECAY RADIOISOTOPES

INIS: 1990-01-30; ETDE: 1990-02-13
*BT1 heavy ion decay radioisotopes
NT1 plutonium 238
RT silicon 32 emission decay

SILICON 32 EMISSION DECAY

INIS: 1990-01-30; ETDE: 1990-02-13
*BT1 heavy ion emission decay
RT silicon 32 decay radioisotopes

SILICON 32 TARGET

INIS: 1981-07-06; ETDE: 1981-08-04
BT1 targets

SILICON 33

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 seconds living radioisotopes
- *BT1 silicon isotopes

SILICON 34

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 seconds living radioisotopes
- *BT1 silicon isotopes

SILICON 34 EMISSION DECAY

INIS: 1989-10-27; ETDE: 1989-11-21
*BT1 heavy ion emission decay

SILICON 34 TARGET

INIS: 1992-09-23; ETDE: 1985-05-31
BT1 targets

SILICON 35

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 silicon isotopes

SILICON 36

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 silicon isotopes

SILICON 37

INIS: 1979-09-18; ETDE: 1979-10-23
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 light nuclei
*BT1 silicon isotopes

SILICON 38*INIS: 1980-07-24; ETDE: 1980-02-11*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 silicon isotopes

SILICON 39*INIS: 1980-07-24; ETDE: 1980-02-11*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 light nuclei
- *BT1 silicon isotopes

SILICON 40*INIS: 1989-09-14; ETDE: 1989-10-16*

- *BT1 even-even nuclei
- *BT1 light nuclei
- *BT1 silicon isotopes

SILICON 41*INIS: 1989-09-14; ETDE: 1989-10-16*

- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 silicon isotopes

SILICON 42*INIS: 1979-02-21; ETDE: 1979-03-28*

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 silicon isotopes

SILICON 43*2007-12-21*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 silicon isotopes

SILICON 44*2007-12-21*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 silicon isotopes

SILICON ADDITIONS*1996-11-13**Alloys containing not more than 1% Si are listed here.*

- *BT1 silicon alloys
- NT1 alloy-al95cu4
- NT2 duralumin
- NT1 alloy-fe40ni35cr22
- NT1 alloy-hs-31
- NT1 alloy-n28t3
- NT1 alloy-ni78cr21
- NT1 alloy-ni80cr20
- NT1 alloy-ni94mn3al2
- NT2 alumel
- NT1 alloy-s-816
- NT1 alloy-v-36
- NT1 aludur
- NT1 ascology
- NT1 bondur
- NT1 discaloy
- NT1 duranickel
- NT1 miduale
- NT1 ni-hard
- NT1 stainless steel-zcnd17-13
- NT1 steel-cr16ni9mo2
- RT silicides

SILICON ALLOYS*1996-11-13**Alloys containing more than 1% Si.*

- UF *sichromal alloys*
- BT1 alloys
- NT1 alloy-mo-re-1
- NT1 alloy-ni50mo32cr15si3
- NT1 alloy-ra-333

- NT1 cast iron
- NT1 colmonoy
- NT1 duriron
- NT1 silicon additions
- NT2 alloy-al95cu4
- NT3 duralumin
- NT2 alloy-fe40ni35cr22
- NT2 alloy-hs-31
- NT2 alloy-n28t3
- NT2 alloy-ni78cr21
- NT2 alloy-ni80cr20
- NT2 alloy-ni94mn3al2
- NT3 alumel
- NT2 alloy-s-816
- NT2 alloy-v-36
- NT2 aludur
- NT2 ascology
- NT2 bondur
- NT2 discaloy
- NT2 duranickel
- NT2 miduale
- NT2 ni-hard
- NT2 stainless steel-zcnd17-13
- NT2 steel-cr16ni9mo2
- NT1 supertherm
- NT1 tribaloy 800
- RT silicides

SILICON ARSENIDE SOLAR CELLS*INIS: 2000-04-12; ETDE: 1981-07-18*

- *BT1 solar cells

SILICON ARSENIDES*INIS: 1979-09-18; ETDE: 1977-06-02*

- *BT1 arsenides
- BT1 silicon compounds

SILICON BORIDES

- *BT1 borides
- BT1 silicon compounds

SILICON BROMIDES

- *BT1 bromides
- *BT1 silicon halides

SILICON CARBIDES

- *BT1 carbides
- BT1 silicon compounds

SILICON CHLORIDES

- *BT1 chlorides
- *BT1 silicon halides

SILICON COMPLEXES

- BT1 complexes

SILICON COMPOUNDS*See also SILANES, SILOXANES and SILICONES.*

- NT1 silanes
- NT1 silicates
- NT2 aluminium silicates
- NT2 americium silicates
- NT2 barium silicates
- NT2 beryllium silicates
- NT2 boron silicates
- NT2 cadmium silicates
- NT2 calcium silicates
- NT2 cerium silicates
- NT2 cesium silicates
- NT2 chromium silicates
- NT2 cobalt silicates
- NT2 copper silicates
- NT2 curium silicates
- NT2 dysprosium silicates
- NT2 europium silicates
- NT2 germanium silicates
- NT2 hafnium silicates
- NT2 holmium silicates
- NT2 hydrogen silicates
- NT2 indium silicates
- NT2 iron silicates
- NT2 lanthanum silicates
- NT2 lead silicates
- NT2 lithium silicates
- NT2 lutetium silicates
- NT2 magnesium silicates
- NT2 manganese silicates
- NT2 molybdenum silicates
- NT2 neodymium silicates
- NT2 nickel silicates
- NT2 niobium silicates
- NT2 plutonium silicates
- NT2 potassium silicates
- NT2 praseodymium silicates
- NT2 radium silicates
- NT2 rubidium silicates
- NT2 samarium silicates
- NT2 scandium silicates
- NT2 sodium silicates
- NT2 strontium silicates
- NT2 tantalum silicates
- NT2 thorium silicates
- NT2 thulium silicates
- NT2 titanium silicates
- NT2 uranium silicates
- NT2 vanadium silicates
- NT2 zirconium silicates
- NT1 silicic acid
- NT1 silicides
- NT2 aluminium silicides
- NT2 americium silicides
- NT2 boron silicides
- NT2 calcium silicides
- NT2 cerium silicides
- NT2 cesium silicides
- NT2 chromium silicides
- NT2 cobalt silicides
- NT2 copper silicides
- NT2 dysprosium silicides
- NT2 erbium silicides
- NT2 europium silicides
- NT2 gadolinium silicides
- NT2 germanium silicides
- NT2 gold silicides
- NT2 hafnium silicides
- NT2 holmium silicides
- NT2 iridium silicides
- NT2 iron silicides
- NT2 lanthanum silicides
- NT2 lithium silicides
- NT2 lutetium silicides
- NT2 magnesium silicides
- NT2 manganese silicides
- NT2 molybdenum silicides
- NT2 neodymium silicides
- NT2 nickel silicides
- NT2 niobium silicides
- NT2 palladium silicides
- NT2 platinum silicides
- NT2 potassium silicides
- NT2 praseodymium silicides
- NT2 rhenium silicides
- NT2 rhodium silicides
- NT2 rubidium silicides
- NT2 ruthenium silicides
- NT2 samarium silicides
- NT2 scandium silicides
- NT2 sodium silicides
- NT2 tantalum silicides
- NT2 terbium silicides
- NT2 thorium silicides
- NT2 thulium silicides
- NT2 titanium silicides
- NT2 tungsten silicides
- NT2 uranium silicides
- NT2 vanadium silicides

NT2 ytterbium silicides
NT2 yttrium silicides
NT2 zinc silicides
NT2 zirconium silicides
NT1 silicon arsenides
NT1 silicon borides
NT1 silicon carbides
NT1 silicon halides
NT2 silicon bromides
NT2 silicon chlorides
NT2 silicon fluorides
NT2 silicon iodides
NT1 silicon hydroxides
NT1 silicon nitrides
NT1 silicon oxides
NT1 silicon phosphates
NT1 silicon phosphides
NT1 silicon sulfides
NT1 silicon tellurides
RT organic silicon compounds

SILICON DIODES

*BT1 semiconductor diodes

SILICON FLUORIDES

*BT1 fluorides
 *BT1 silicon halides

SILICON HALIDES

INIS: 1991-09-16; ETDE: 1978-02-15

*BT1 halides
 BT1 silicon compounds
NT1 silicon bromides
NT1 silicon chlorides
NT1 silicon fluorides
NT1 silicon iodides

silicon hydrides

USE silanes

SILICON HYDROXIDES

*BT1 hydroxides
 BT1 silicon compounds

SILICON IODIDES

*BT1 iodides
 *BT1 silicon halides

SILICON IONS

*BT1 ions

SILICON ISOTOPES

1999-07-16

BT1 isotopes
NT1 silicon 22
NT1 silicon 23
NT1 silicon 24
NT1 silicon 25
NT1 silicon 26
NT1 silicon 27
NT1 silicon 28
NT1 silicon 29
NT1 silicon 30
NT1 silicon 31
NT1 silicon 32
NT1 silicon 33
NT1 silicon 34
NT1 silicon 35
NT1 silicon 36
NT1 silicon 37
NT1 silicon 38
NT1 silicon 39
NT1 silicon 40
NT1 silicon 41
NT1 silicon 42
NT1 silicon 43
NT1 silicon 44

SILICON NITRIDES

UF *sialon*
 *BT1 nitrides
 BT1 silicon compounds

silicon on ceramic solar cells

INIS: 2000-04-12; ETDE: 1981-07-18

USE soc solar cells

SILICON OXIDES

1998-11-03

UF *coesite*
 *BT1 oxides
 BT1 silicon compounds
RT cristobalite
RT glass
RT oxide minerals
RT quartz
RT rhyolites
RT sand
RT silica
RT silica gel
RT silicate minerals
RT silicates
RT siloxanes
RT stishovite

SILICON PHOSPHATES

*BT1 phosphates
 BT1 silicon compounds

SILICON PHOSPHIDES

INIS: 1978-04-21; ETDE: 1978-07-06

*BT1 phosphides
 BT1 silicon compounds

silicon semiconductor detectors

INIS: 2000-04-12; ETDE: 1978-12-28

USE si semiconductor detectors

SILICON SOLAR CELLS

1997-06-19

*BT1 solar cells
NT1 soc solar cells

SILICON SULFIDES

BT1 silicon compounds
 *BT1 sulfides

SILICON TELLURIDES

2013-05-15

BT1 silicon compounds
 *BT1 tellurides

SILICONES

1996-06-26

(Prior to June 1996 DC RESINS was a valid ETDE descriptor.)

UF *dc resins*
 BT1 polymers
 *BT1 siloxanes
NT1 silastic

siliconizing

USE diffusion coating

silicosis

USE pneumoconioses

SILKWORM

UF *bombyx*
 *BT1 moths

SILOE REACTOR

CEA/CEN Grenoble, Grenoble, France.

*BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 thermal reactors

SILOETTE REACTOR

Decommissioned since 2007.

UF *grenoble reactor melusine-2*
 UF *melusine-2 reactor*
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 thermal reactors
 *BT1 zero power reactors

SILOXANES

*BT1 organic silicon compounds
NT1 silicones
NT2 silastic
RT silicon oxides

SILT

RT sediments
RT shales

SILTSTONES

INIS: 1992-05-21; ETDE: 1984-07-20

*BT1 sedimentary rocks
RT sandstones
RT shales

SILURIAN PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19

*BT1 paleozoic era

SILVER

*BT1 transition elements

SILVER 100

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 silver isotopes

SILVER 101

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes
 *BT1 silver isotopes

SILVER 102

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 silver isotopes

SILVER 103

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes
 *BT1 silver isotopes

SILVER 104

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 silver isotopes

SILVER 105

*BT1 beta-plus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 silver isotopes

SILVER 106

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 silver isotopes

SILVER 106 TARGET

INIS: 1986-01-21; ETDE: 1986-02-21

- BT1 targets

SILVER 107

- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes
- *BT1 stable isotopes

SILVER 107 BEAMS

- *BT1 ion beams

SILVER 107 TARGET

ETDE: 1976-07-09

- BT1 targets

SILVER 108

- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 silver isotopes
- *BT1 years living radioisotopes

SILVER 108 TARGET

INIS: 1977-02-08; ETDE: 1976-09-21

- BT1 targets

SILVER 109

- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes
- *BT1 stable isotopes

SILVER 109 REACTIONS

INIS: 1986-05-12; ETDE: 1988-12-05

- *BT1 heavy ion reactions

SILVER 109 TARGET

ETDE: 1976-07-09

- BT1 targets

SILVER 110

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes

SILVER 110 TARGET

INIS: 1992-09-23; ETDE: 1984-02-10

- BT1 targets

SILVER 111

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

- *BT1 silver isotopes

SILVER 112

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 silver isotopes

SILVER 113

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 silver isotopes

SILVER 114

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes

SILVER 115

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes

SILVER 116

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes

SILVER 117

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes

SILVER 118

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes

SILVER 119

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes

SILVER 120

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes

SILVER 121

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 silver isotopes

SILVER 122

- *BT1 beta-minus decay radioisotopes

- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 silver isotopes

SILVER 123

INIS: 1976-07-30; ETDE: 1976-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 silver isotopes

SILVER 124

2008-01-16

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 silver isotopes

SILVER 125

2008-01-16

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 silver isotopes

SILVER 126

2008-01-16

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 silver isotopes

SILVER 127

2008-01-16

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 silver isotopes

SILVER 128

2008-01-16

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 silver isotopes

SILVER 129

2008-01-16

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 silver isotopes

SILVER 130

2008-01-16

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 silver isotopes

SILVER 93

2008-01-16

- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 silver isotopes

SILVER 94

2002-08-13

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei

*BT1 silver isotopes

SILVER 95

INIS: 1984-06-21; ETDE: 1983-10-11

*BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 silver isotopes

SILVER 96

1982-06-09

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes
 *BT1 silver isotopes

SILVER 97

INIS: 1979-02-21; ETDE: 1979-03-28

*BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes
 *BT1 silver isotopes

SILVER 98

INIS: 1979-02-21; ETDE: 1979-03-28

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes
 *BT1 silver isotopes

SILVER 99

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes
 *BT1 silver isotopes

SILVER ADDITIONS

Alloys containing not more than 1% Ag are listed here.

*BT1 silver alloys

SILVER ALLOYS

1995-02-27

Alloys containing more than 1% Ag.

UF alloy-ge

*BT1 transition element alloys
 NT1 silver additions
 NT1 silver base alloys

SILVER ARSENIDES

INIS: 2000-04-12; ETDE: 1979-08-09

*BT1 arsenides
 *BT1 silver compounds

SILVER BASE ALLOYS

*BT1 silver alloys

SILVER BROMIDES

*BT1 bromides
 *BT1 silver halides

SILVER-CADMIUM BATTERIES

2000-04-12

*BT1 metal-metal oxide batteries

SILVER CARBONATES

1996-07-08

(From June 1996 to November 2007 SILVER COMPOUNDS + CARBONATES was used for this concept.)

*BT1 carbonates
 *BT1 silver compounds

SILVER CHLORIDES

*BT1 chlorides
 *BT1 silver halides

SILVER COMPLEXES

*BT1 transition element complexes

SILVER COMPOUNDS

1997-06-19

BT1 transition element compounds
 NT1 silver arsenides
 NT1 silver carbonates
 NT1 silver halides
 NT2 silver bromides
 NT2 silver chlorides
 NT2 silver fluorides
 NT2 silver iodides
 NT1 silver hydrides
 NT1 silver hydroxides
 NT1 silver nitrates
 NT1 silver nitrides
 NT1 silver oxides
 NT1 silver perchlorates
 NT1 silver phosphates
 NT1 silver selenides
 NT1 silver sulfates
 NT1 silver sulfides
 NT1 silver tellurides
 NT1 silver tungstates

SILVER FLUORIDES

*BT1 fluorides
 *BT1 silver halides

SILVER HALIDES

2012-07-25

*BT1 halides
 *BT1 silver compounds
 NT1 silver bromides
 NT1 silver chlorides
 NT1 silver fluorides
 NT1 silver iodides

SILVER HYDRIDES

1979-09-18

*BT1 hydrides
 *BT1 silver compounds

SILVER-HYDROGEN BATTERIES

INIS: 2000-04-12; ETDE: 1980-03-29

*BT1 metal-gas batteries

SILVER HYDROXIDES

2000-04-12

*BT1 hydroxides
 *BT1 silver compounds

SILVER IODIDES

*BT1 iodides
 *BT1 silver halides

SILVER IONS

*BT1 ions

SILVER ISOTOPES

1999-07-16

BT1 isotopes
 NT1 silver 100
 NT1 silver 101
 NT1 silver 102
 NT1 silver 103
 NT1 silver 104
 NT1 silver 105
 NT1 silver 106
 NT1 silver 107
 NT1 silver 108
 NT1 silver 109
 NT1 silver 110
 NT1 silver 111
 NT1 silver 112
 NT1 silver 113
 NT1 silver 114

NT1 silver 115
 NT1 silver 116
 NT1 silver 117
 NT1 silver 118
 NT1 silver 119
 NT1 silver 120
 NT1 silver 121
 NT1 silver 122
 NT1 silver 123
 NT1 silver 124
 NT1 silver 125
 NT1 silver 126
 NT1 silver 127
 NT1 silver 128
 NT1 silver 129
 NT1 silver 130
 NT1 silver 93
 NT1 silver 94
 NT1 silver 95
 NT1 silver 96
 NT1 silver 97
 NT1 silver 98
 NT1 silver 99

SILVER NITRATES

*BT1 nitrates
 *BT1 silver compounds

SILVER NITRIDES

*BT1 nitrides
 *BT1 silver compounds

SILVER ORES

BT1 ores

SILVER OXIDES

*BT1 oxides
 *BT1 silver compounds

SILVER PERCHLORATES

*BT1 perchlorates
 *BT1 silver compounds

SILVER PHOSPHATES

*BT1 phosphates
 *BT1 silver compounds

SILVER SELENIDES

INIS: 1978-07-03; ETDE: 1976-08-04

*BT1 selenides
 *BT1 silver compounds

SILVER SULFATES

*BT1 silver compounds
 *BT1 sulfates

SILVER SULFIDES

*BT1 silver compounds
 *BT1 sulfides

SILVER TELLURIDES

INIS: 1978-09-28; ETDE: 1976-02-19

*BT1 silver compounds
 *BT1 tellurides

SILVER TUNGSTATES

INIS: 1978-05-19; ETDE: 1978-07-05

*BT1 silver compounds
 *BT1 tungstates

SILVER-ZINC BATTERIES

2000-04-12

*BT1 metal-metal oxide batteries

SILVICULTURE

INIS: 1992-03-27; ETDE: 1988-01-15

BT1 forestry
 RT agriculture
 RT biomass plantations
 RT harvesting
 RT plant breeding
 RT trees

SIMIAN VIRUS

UF sv 40 virus
 *BT1 viruses

simmondsia chinensis

INIS: 2000-04-12; ETDE: 1980-11-25
 USE jojoba

simplex process

INIS: 2000-04-12; ETDE: 1979-10-23
Slagging, moving-burden gasification process for coal or biomass being developed at Columbia University.
 (Prior to March 1994, this was a valid ETDE descriptor.)
 USE coal gasification

sims

INIS: 2000-04-12; ETDE: 1978-03-03
Secondary Ion Mass Spectroscopy.
 USE ion microprobe analysis
 USE mass spectroscopy

SIMULATION

1996-07-18
 UF modeling
 NT1 computerized simulation
 NT2 large-eddy simulation
 NT1 plasma simulation
 NT1 reactor accident simulation
 RT box models
 RT functional models
 RT mathematical models
 RT scaling laws
 RT simulators
 RT speech synthesizers
 RT systems analysis

SIMULATORS

BT1 analog systems
 BT1 functional models
 NT1 reactor simulators
 NT1 solar simulators
 RT microcosms
 RT mockup
 RT scale models
 RT simulation

simulators (reactor)

1999-09-20
 USE reactor simulators

SIN CYCLOTRON

Includes the 590 MeV ring cyclotron and the two injector cyclotrons.
 UF swiss institute nuclear research cyclotron
 UF villigen cyclotron
 *BT1 isochronous cyclotrons

sine generators

USE function generators

SINE-GORDON EQUATION

INIS: 1977-06-14; ETDE: 1976-12-16
Field equation in two space-time dimensions defining a quantum field theory.
 *BT1 field equations
 RT quantum field theory

SINGAPORE

BT1 asia
 BT1 developing countries
 BT1 islands
 RT pacific ocean

single administration

USE single intake

SINGLE CELL PROTEIN

INIS: 2000-04-12; ETDE: 1976-01-23
Feed and food protein derived from single-cell microorganisms grown on various resources and wastes.
 RT autotrophs
 RT continuous culture
 RT culture media
 RT proteins
 RT semibatch culture

single crystals

USE monocrystals

SINGLE INTAKE

UF accidental intake
 UF single administration
 BT1 intake
 RT accidents
 RT first aid
 RT injuries

single-level resonance formula

USE breit-wigner formula

single market

INIS: 1997-01-28; ETDE: 1995-03-08
 USE internal market

SINGLE-PARTICLE MODEL

UF independent-particle model
 *BT1 nuclear models
 RT atomic models
 RT quasiparticle-phonon model
 RT schmidt model

SINGLE-PARTICLE MODES

UF modes (single-particle)
 BT1 oscillation modes

single photon ect

INIS: 1993-12-08; ETDE: 2002-06-13
 USE single photon emission computed tomography

SINGLE PHOTON EMISSION COMPUTED TOMOGRAPHY

INIS: 1995-07-20; ETDE: 1980-05-07
 (Until January 1994 this was spelled SINGLE PHOTON ECT.)
 UF single photon ect
 UF spect
 *BT1 emission computed tomography
 RT gamma cameras
 RT photon transmission scanning
 RT radioisotope scanning

SINGULARITY

UF residues (mathematical)
 RT functions
 RT landau curves
 RT s matrix
 RT scattering amplitudes

SINKS

INIS: 2000-04-12; ETDE: 1979-12-10
Points, lines, or areas at which mass or energy is removed from a system.
 NT1 carbon sinks
 NT1 heat sinks
 RT absorption
 RT diffusion
 RT environmental transport

sino united spherical tokamak

2006-07-25
 USE sunist spheromak

SINP TOKAMAK

1994-06-29
Saha Institute of Nuclear Physics, Calcutta, India.
 *BT1 tokamak devices

sinq

2016-06-09
 USE swiss spallation neutron source

SINTERED ALUMINIUM POWDERS

ETDE: 2005-02-01
 (Prior to January 2005 SAP was used for this concept.)
 UF sap (sintered aluminium powders)
 *BT1 sintered materials
 RT aluminium

SINTERED MATERIALS

BT1 materials
 NT1 sintered aluminium powders
 RT powder metallurgy
 RT powders
 RT sintering

SINTERING

UF liquid-phase sintering
 BT1 fabrication
 RT agglomeration
 RT furnaces
 RT porosity
 RT powder metallurgy
 RT sintered materials

SINTERS

INIS: 2000-04-12; ETDE: 1976-03-31
Chemical sedimentary rocks deposited as a hard incrustation on rocks or on the ground by precipitation from cold mineral water of springs, lakes, or streams; specifically siliceous sinter and calcareous sinter.
 *BT1 sedimentary rocks

SINUSES

INIS: 1981-05-11; ETDE: 1979-01-30
In anatomical nomenclature to designate a cavity or hollow space.
 BT1 cavities
 RT body
 RT face
 RT skull

sioux falls pathfinder reactor

USE pathfinder reactor

siredon

1996-11-13
 (Prior to March 1997 AXOLOTL was used for this concept in ETDE.)
 USE salamanders

SIRIUS DEVICE

*BT1 stellarators

sirius synchrotron

USE tomsk synchrotron

SIS SYNCHROTRON

1991-02-11
 UF darmstadt synchrotron
 *BT1 heavy ion accelerators
 *BT1 synchrotrons

SISTER CHROMATID EXCHANGES

INIS: 1977-10-17; ETDE: 1977-11-10
 *BT1 chromosomal aberrations
 RT chromatids
 RT genetic effects
 RT genetic radiation effects
 RT hereditary diseases

SITE APPROVALS

INIS: 1976-12-08; ETDE: 1990-11-26

RT licenses
RT nuclear facilities
RT property rights
RT reactor sites
RT site preparation
RT site selection

SITE CHARACTERIZATION

INIS: 1993-03-09; ETDE: 1986-04-29

Surveys of particular sites to establish their characteristics, e.g. hydrology, geological and topographical features, etc.

(Until March 1993, this concept was indexed by SITE SURVEYS.)

UF site surveys
RT baseline ecology
RT geochemistry
RT geographic information systems
RT geography
RT geologic surveys
RT geology
RT geomorphology
RT hydrology
RT meteorology
RT radiation monitoring
RT reactor sites
RT site selection
RT stratigraphy
RT topography

SITE PREPARATION

INIS: 1982-12-03; ETDE: 1976-07-07

RT reactor sites
RT site approvals
RT site selection

site rehabilitation

INIS: 1990-09-24; ETDE: 1990-10-09

USE remedial action

SITE SELECTION

See also descriptors for concepts involved in site selection, such as ENVIRONMENT, SEISMOLOGY and SOILS plus LIQUEFACTION.

UF reactor siting
BT1 reactor life cycle
RT accidents
RT archaeological sites
RT environment
RT external zones
RT land use
RT licensing
RT meteorology
RT offshore nuclear power plants
RT offshore sites
RT planning
RT reactor safety
RT reactor sites
RT site approvals
RT site characterization
RT site preparation
RT vernacular architecture

site surveys

INIS: 1993-03-09; ETDE: 1980-10-27

(Prior to March 1993 this was a valid ETDE descriptor.)

USE site characterization

sites (fission reactor)

INIS: 1982-11-29; ETDE: 2002-06-13

USE reactor sites

sites (nuclear installations)

INIS: 1976-12-08; ETDE: 2002-06-13

If appropriate use one of the specific types of facilities.

USE nuclear facilities

sites (reactor)

2000-04-12

USE reactor sites

SITOSTEROL

*BT1 sterols

SIZE

(From December 1981 till May 1996 SIZING was a valid ETDE descriptor.)

UF sizing
NT1 critical size
NT1 grain size
NT1 particle size
RT dimensions
RT thickness
RT volume
RT width

SIZEWELL-A REACTOR

Sizewell, Suffolk, United Kingdom. SIZEWELL

A-1 and A-2

UF *sizewell nuclear power station a*

*BT1 carbon dioxide cooled reactors

*BT1 magnox type reactors

*BT1 thermal reactors

SIZEWELL-B REACTOR

Sizewell, Suffolk, United Kingdom.

UF *sizewell nuclear power station b*

*BT1 pwr type reactors

sizewell nuclear power station a

1998-11-04

USE sizewell-a reactor

sizewell nuclear power station b

1998-11-04

USE sizewell-b reactor

sizing

INIS: 2000-04-12; ETDE: 1981-12-14

(Prior to May 1996 this was a valid ETDE descriptor.)

USE size

SKAGIT-1 REACTOR

Puget Sound Power and Light Co., Sedro

Woolley, Washington, USA. Canceled in 1983

before construction began.

*BT1 bwr type reactors

RT ge standard reactor

SKAGIT-2 REACTOR

Puget Sound Power and Light Co., Sedro

Woolley, Washington, USA. Canceled in 1983

before construction began.

*BT1 bwr type reactors

RT ge standard reactor

SKAGIT RIVER

INIS: 2000-04-12; ETDE: 1980-10-27

*BT1 rivers

RT hydroelectric power plants

RT washington

SKATING RINKS

INIS: 2000-04-12; ETDE: 1981-12-21

RT commercial buildings

RT public buildings

SKELETAL DISEASES

UF bone diseases
UF chondrosarcomas
BT1 diseases
NT1 osteomyelitis
NT1 osteoporosis
NT1 osteoradionecrosis
NT1 osteosarcomas
NT1 rickets
NT1 spondylitis
RT bone fractures

RT bone joints
RT bone tissues
RT rheumatic diseases
RT skeleton

skeletal fossils

INIS: 1980-09-12; ETDE: 1980-10-07

USE fossils

SKELETON

UF bones
*BT1 organs
NT1 bone joints
NT1 exoskeleton
NT1 femur
NT1 skull
NT2 jaw
NT1 tibia
NT1 vertebrae
RT bone mineral density
RT bone tissues
RT limbs
RT skeletal diseases

skewness

INIS: 1996-03-04; ETDE: 1996-02-26

USE asymmetry
USE distribution
USE statistics

SKIMMERS

INIS: 1992-07-21; ETDE: 1976-08-04

For oil spill cleanup and removal.

UF oil skimmers

*BT1 pollution control equipment

RT offshore operations

RT oil spills

SKIN

UF sebaceous glands
UF sweat glands
*BT1 organs
NT1 epidermis
NT1 hair
NT1 hair follicles
NT1 nails
RT animal tissues
RT epilation
RT erythema
RT feathers
RT fish scales
RT gloves
RT leather
RT lupus
RT melanin
RT ointments
RT psoriasis
RT skin absorption
RT skin diseases
RT sweat
RT wounds

SKIN ABSORPTION

UF absorption (skin)
*BT1 absorption
BT1 uptake
RT gloves
RT protective clothing
RT skin

skin cancer

INIS: 1992-09-15; ETDE: 2002-06-13

SEE epitheliomas

skin damage

INIS: 2000-04-12; ETDE: 1983-01-21

USE formation damage

SKIN DISEASES

UF xeroderma pigmentosum
BT1 diseases

NT1 dermatitis
NT2 radiodermatitis
NT1 eczema
NT1 herpes simplex
NT1 psoriasis
NT1 telangiectasis
RT burns
RT erythema
RT lupus
RT sense organs diseases
RT skin

SKIN EFFECT

RT electric conductors
RT electric currents
RT magnetic flux
RT penetration depth

skin effect (well)

INIS: 2000-04-12; ETDE: 1983-01-21
USE formation damage

SKLODOWSKITE

2000-04-12
**BT1* silicate minerals
**BT1* uranium minerals
RT magnesium silicates
RT uranium silicates

skoda (plzen) reactor

INIS: 1984-06-21; ETDE: 2002-06-13
USE sr-0a reactor

SKULL

**BT1* skeleton
NT1 jaw
RT brain
RT head
RT sinuses

SKY

INIS: 2000-04-12; ETDE: 1981-09-08
NT1 night sky
RT cloud cover
RT clouds
RT sun

SKYLAB

BT1 satellites
**BT1* space vehicles

SKYLIGHTS

INIS: 2000-04-12; ETDE: 1975-10-01
RT buildings
RT daylighting
RT glazing materials
RT lighting systems
RT windows

SKYRME POTENTIAL

UF skyrmions
**BT1* nucleon-nucleon potential
RT elastic scattering
RT inelastic scattering
RT nuclear reactions

skyrmions

INIS: 2000-04-12; ETDE: 1986-01-24
USE skyrme potential
USE solitons

skyscrapers

2005-06-01
USE high-rise buildings

SKYSHINE

2018-02-22
Ionizing radiation emitted by a nuclear technical or medical facility, reaching the facility's surroundings indirectly through reflection and scattering at the atmosphere back to earth's surface.
**BT1* ionizing radiations
RT dosimetry
RT radiation monitoring

SL-1 REACTOR

NRTS, Idaho Falls, Idaho, USA. Shut down; destroyed in an accident in 1961.
UF stationary low power plant-1
**BT1* bwr type reactors
**BT1* process heat reactors

SL GROUPS

**BT1* lie groups

SLABS

Thicker than plates; primarily for use in shielding studies.
RT plates
RT prismatic configuration
RT shape

slac

INIS: 1984-06-21; ETDE: 2002-06-13
USE stanford linear accelerator center

slac 2-mile linac

INIS: 1984-06-21; ETDE: 2002-06-13
USE stanford 20-gev linac

slaggie model

1996-07-08
 (Until June 1996 this was a valid descriptor.)
SEE transport theory

SLAGGING PYROLYSIS PROCESS

INIS: 1983-10-14; ETDE: 1976-11-01
SF andco-torrex slagging pyrolysis system
**BT1* waste processing
RT alpha-bearing wastes
RT pyrolysis
RT radioactive waste processing

SLAGS

RT gangue
RT seed-slag interactions

SLAT TYPE COLLECTORS

INIS: 2000-04-12; ETDE: 1978-10-25
UF linear-segmented array collector
**BT1* concentrating collectors

slater determinant

USE slater method

slater integrals

USE slater method

SLATER METHOD

UF slater determinant
UF slater integrals
UF slater orbitals
BT1 calculation methods
RT aligned coupling scheme
RT electronic structure
RT wave functions

slater orbitals

USE slater method

slatis-siegbahn spectrometers

USE magnetic lens spectrometers

slc

INIS: 1984-02-22; ETDE: 1984-03-06
USE stanford linear collider

slc detectors

INIS: 1992-02-26; ETDE: 1992-01-16
 (Prior to January 1992, this was a valid ETDE descriptor.)
USE stanford linear collider detector

sld

INIS: 1991-12-17; ETDE: 1986-01-14
SEE stanford linear collider detector

SLEEP

RT central nervous system depressants
RT hibernation
RT hypnotics and sedatives
RT physiology

SLEEVES

RT jackets
RT reactor components

SLICE MINING

INIS: 2000-04-12; ETDE: 1980-05-06
**BT1* underground mining
RT coal mining

SLIDING FRICTION

BT1 friction

SLIGHTLY ENRICHED URANIUM

0 - 5 per cent.
**BT1* enriched uranium

slime fungi

USE myxomycetes

SLIP

RT deformation
RT dislocations
RT slip ratio
RT slip velocity
RT twinning

SLIP CASTING

A procedure in ceramics not metallurgy.
**BT1* casting
RT ceramics

SLIP FLOW

Rarefied gas flow in the region between Knudsen numbers 0.01 and 0.1 only.
**BT1* gas flow

SLIP RATIO

BT1 dimensionless numbers
RT slip

SLIP VELOCITY

1999-10-07
BT1 velocity
RT slip

slm

INIS: 2000-04-12; ETDE: 1983-04-07
USE scanning light microscopy

sloop event

1997-01-28
 (Prior to February 1996 this was a valid ETDE descriptor.)
USE plowshare project

SLOPE STABILITY

INIS: 1986-04-03; ETDE: 1979-03-27
Resistance of an inclined surface to failure by sliding or collapsing.
BT1 stability
RT excavation
RT ground motion
RT landslides
RT strata control
RT surface mining

slot ovens

INIS: 2000-04-12; ETDE: 1979-09-27
USE coke ovens

slovak cyclotron center

2002-12-17
USE cyclotron center of the slovak republic

slovak nuclear regulatory authority

2002-12-17
USE ujd

SLOVAK ORGANIZATIONS

1994-01-07
(Prior to January 1994, this concept in ETDE was indexed by CZECHOSLOVAK ORGANIZATIONS.)
SF czechoslovak organizations
BT1 national organizations
NT1 cyclotron center of the slovak republic
NT1 javys
NT1 ujd
NT1 vuje

slovak republic

INIS: 1994-02-28; ETDE: 1993-05-06
(From January 1993 to March 1994 this was a valid descriptor.)
USE slovakia

SLOVAKIA

INIS: 1994-02-28; ETDE: 1994-03-07
(Prior to March 1994, this concept was indexed by CZECHOSLOVAKIA.)
UF slovak republic
SF czechoslovakia
BT1 developing countries
*BT1 eastern europe
RT bohunice radioactive waste processing center
RT danube river
RT dudvah river
RT hron river
RT manivier canal
RT mochovce liquid raw final treatment facility
RT vah river

SLOVENIA

1993-01-14
SF yugoslavia
*BT1 eastern europe
RT alps

SLOVENIAN ORGANIZATIONS

2004-03-31
BT1 national organizations

SLOW NEUTRONS

*BT1 neutrons

slowdown

USE slowing-down

SLOWING-DOWN

1996-07-08
UF slowdown
NT1 thermalization
RT absorption
RT energy losses
RT fermi age theory
RT neutron age
RT neutron converters
RT neutron slowing-down theory
RT neutron transport theory
RT slowing-down kernels
RT slowing-down length
RT straggling
RT van hove theory

RT wick method
RT wigner-wilkins model
RT wilkins equation

slowing-down area

USE slowing-down length

SLOWING-DOWN KERNELS

UF kernels (slowing-down)
RT neutron slowing-down theory
RT slowing-down

SLOWING-DOWN LENGTH

1999-07-20
UF slowing-down area
*BT1 length
RT migration length
RT slowing-down

slowing-down theory (neutron)

USE neutron slowing-down theory

slowpoke-2 rmc

2018-05-30
USE slowpoke rmc reactor

slowpoke-2 src

2018-05-30
USE slowpoke src reactor

SLOWPOKE-ALBERTA REACTOR

INIS: 1979-12-20; ETDE: 1980-01-24
Univ. of Alberta, Faculty of Pharmacy, Edmonton, Alberta, Canada. decommissioned
UF alberta university slowpoke reactor
UF university of alberta slowpoke reactor
*BT1 slowpoke type reactors

SLOWPOKE-DALHOUSIE REACTOR

INIS: 1979-12-20; ETDE: 1980-01-24
Dalhousie Univ., Halifax, Nova Scotia, Canada. Permanent shutdown since 2008.
UF dalhousie university slowpoke reactor
*BT1 slowpoke type reactors

SLOWPOKE-MONA REACTOR

2018-08-20
Mona, Jamaica.
UF uwi cns slowpoke
*BT1 slowpoke type reactors

SLOWPOKE-MONTREAL REACTOR

INIS: 1979-12-20; ETDE: 1980-01-24
Univ. of Montreal, Polytechnical School, Montreal, Quebec, Canada.
UF montreal university slowpoke reactor
UF university of montreal slowpoke reactor
*BT1 slowpoke type reactors

SLOWPOKE-OTTAWA REACTOR

AECL, Ottawa, Ontario, Canada.
UF aecl radiochemical slowpoke reactor
UF ottawa slowpoke reactor
UF slowpoke reactor (ottawa)
*BT1 slowpoke type reactors

slowpoke reactor (ottawa)

2000-04-12
USE slowpoke-ottawa reactor

slowpoke reactor (toronto)

2000-04-12
USE slowpoke-toronto reactor

slowpoke rmc

2018-05-30
USE slowpoke rmc reactor

SLOWPOKE RMC REACTOR

2018-05-30
Kingston, Ontario, Canada. Located at the royal military college of Canada.
UF rmc slowpoke
UF slowpoke-2 rmc
UF slowpoke rmc
*BT1 slowpoke type reactors

slowpoke src

2018-05-30
USE slowpoke src reactor

SLOWPOKE SRC REACTOR

2018-05-30
Kingston, Saskatchewan, Canada. Located at SRC environmental analytical laboratories.
UF slowpoke-2 src
UF slowpoke src
UF src slowpoke
*BT1 slowpoke type reactors
RT neutron activation analysis

SLOWPOKE-TORONTO REACTOR

Univ. of Toronto, Toronto, Ontario, Canada. permanent shutdown
UF slowpoke reactor (toronto)
UF toronto university slowpoke reactor
UF university of toronto slowpoke reactor
*BT1 slowpoke type reactors

SLOWPOKE TYPE REACTORS

INIS: 1979-12-20; ETDE: 1980-01-24
UF safe low power critical experiment
*BT1 enriched uranium reactors
*BT1 isotope production reactors
*BT1 pool type reactors
*BT1 research reactors
NT1 slowpoke-alberta reactor
NT1 slowpoke-dalhousie reactor
NT1 slowpoke-mona reactor
NT1 slowpoke-montreal reactor
NT1 slowpoke-ottawa reactor
NT1 slowpoke rmc reactor
NT1 slowpoke src reactor
NT1 slowpoke-toronto reactor
NT1 slowpoke-wnre reactor

SLOWPOKE-WNRE REACTOR

INIS: 1986-10-29; ETDE: 1986-11-20
Whiteshell Nuclear Research Establishment, Pinawa, Manitoba, Canada.
*BT1 process heat reactors
*BT1 slowpoke type reactors
RT district heating

sls (swiss synchrotron light source)

2000-06-02
USE swiss light source

SLUDGES

INIS: 1992-02-28; ETDE: 1976-05-17
NT1 sewage sludge
RT sediments
RT slurries
RT wastes

sludges (sewage)

INIS: 1977-11-21; ETDE: 2002-06-13
USE sewage sludge

slugs (fuel)

USE fuel rods

slurex process

1996-07-08
(Until June 1996 this was a valid descriptor.)
USE separation processes

SLURRIES

1996-07-08

UF pulps

*BT1 mixtures

*BT1 suspensions

NT1 fuel slurries

RT hydraulic transport

RT ore processing

RT sewage sludge

RT sludges

RT slurry pipelines

slurries (fuel)

USE fuel slurries

SLURRY PIPELINES

INIS: 1993-02-15; ETDE: 1975-08-19

BT1 pipelines

RT coal

RT hydraulic transport

RT slurries

SLURRY REACTORS

*BT1 fuel dispersion reactors

RT fuel slurries

SLUSH

INIS: 2000-04-12; ETDE: 1976-01-23

RT hydrogen fuels

RT ice

RT snow

RT water

SM-1 REACTOR

UF stationary medium power plant-1

*BT1 pwr type reactors

SM-1 SUBCRITICAL ASSEMBLY

2018-08-20

Laboratorio Energia Nucleare Applicata.
Pavia, Italy.

*BT1 heavy water cooled reactors

*BT1 research reactors

*BT1 subcritical assemblies

*BT1 water moderated reactors

*BT1 zero power reactors

SM-1A REACTORUSA Army Corps of Engineers, Fort Greeley,
Alaska, USA.

UF stationary medium power plant-1a

*BT1 process heat reactors

*BT1 pwr type reactors

SM-2 REACTOR

UF melekess-sm-2 reactor

*BT1 materials testing reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

SMALL ANGLE SCATTERING

BT1 scattering

RT angular distribution

RT optical theorem

small break loss-of-coolant accident

2017-07-18

USE sbloca

SMALL BUSINESSES

INIS: 1992-02-21; ETDE: 1977-09-19

Businesses and commercial establishments
employing fewer than 500 people.

BT1 business

RT commercial sector

RT cooperatives

RT economy

RT gasoline service stations

RT industry

RT market

RT restaurants

RT retailers

RT trade

SMALL INTESTINE

UF duodenum

UF ileum

UF jejunum

*BT1 intestines

RT ascaris

RT intestinal absorption

RT mesentery

RT secretin

SMALL MODULAR REACTORS

2018-03-01

Nuclear reactors generally 300MWe
equivalent or less, designed with modular
technology using module factory fabrication,
pursuing economies of series production and
short construction times. Coordinate with
another relevant reactor type if provided.

BT1 reactors

NT1 carem 25 reactor

NT1 klt-40 reactors

NT1 klt-40m reactors

NT1 klt-40s reactor

NT1 ok-900a reactors

RT modular structures

**SMALL-SCALE HYDROELECTRIC
POWER PLANTS**

INIS: 1992-04-06; ETDE: 1981-07-06

Small-scale hydroelectric power plants
generating from 100kW to 30MW.

*BT1 hydroelectric power plants

RT low-head hydroelectric power plants

RT microgeneration

small tight aspect ratio tokamak

INIS: 1994-03-15; ETDE: 1994-02-25

USE start tokamak

SMART GRIDS

2013-07-19

*BT1 power systems

RT power distribution systems

smartor device

INIS: 2000-04-12; ETDE: 1977-12-22

(Prior to January 1995, this was a valid ETDE
descriptor.)

USE tokamak devices

SMECTITE

INIS: 1981-02-27; ETDE: 1976-11-29

A green clay.

*BT1 clays

RT aluminium silicates

SMELTERS

INIS: 1992-07-21; ETDE: 1980-10-27

BT1 furnaces

RT metal industry

RT pyrometallurgy

RT smelting

SMEETING

RT melting

RT pyrometallurgy

RT smelters

smes

INIS: 1995-01-11; ETDE: 1982-10-20

Superconducting Magnetic Energy Storage.
USE superconducting magnetic energy
storage**SMOG**

INIS: 2000-05-08; ETDE: 1975-11-28

(Prior to May 2000, this concept was indexed
by AIR POLLUTION.)

RT air pollution

RT atmospheric chemistry

RT photochemical oxidants

RT visibility

smokatron

USE electron-ring accelerators

SMOKE DETECTORS

INIS: 1981-02-27; ETDE: 1978-11-14

UF icstd

UF ionization chamber smoke detectors

*BT1 fire detectors

RT aerosol monitoring

RT aerosols

RT alarm systems

RT fires

RT safety engineering

RT smokes

SMOKES

*BT1 aerosols

BT1 residues

NT1 tobacco smokes

RT plumes

RT smoke detectors

RT soot

RT stacks

RT visibility

smoky event

INIS: 1994-10-14; ETDE: 1981-07-06

A test made during OPERATION

PLUMBBOB.

(Prior to September 1994, this was a valid
ETDE descriptor.)

USE atmospheric explosions

USE nuclear explosions

SMOLENSK-1 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20

*BT1 enriched uranium reactors

*BT1 lwgr type reactors

*BT1 power reactors

*BT1 thermal reactors

SMOLENSK-2 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20

*BT1 enriched uranium reactors

*BT1 lwgr type reactors

*BT1 power reactors

*BT1 thermal reactors

SMOLENSK-3 REACTOR

INIS: 1994-12-22; ETDE: 1995-01-03

*BT1 enriched uranium reactors

*BT1 lwgr type reactors

*BT1 power reactors

*BT1 thermal reactors

SMOOTH MANIFOLDS

BT1 mathematical manifolds

RT conformal mapping

RT differential topology

RT riemann space

RT topological foliation

smoothness

USE roughness

smp devices

USE scanning measuring projectors

smr reactor

2000-04-12

(Prior to January 1995, this was a valid ETDE
descriptor.)

SEE graphite moderated reactors

sn method

USE discrete ordinate method

SNAILS

*BT1 molluscs
 RT disease vectors
 RT schistosomiasis
 RT seafood

SNAKE RIVER PLAIN

INIS: 1992-04-06; ETDE: 1981-08-04
 SF geologic provinces
 RT idaho
 RT nevada
 RT oregon
 RT wyoming
 RT yellowstone national park

SNAKES

*BT1 reptiles

snap 1 battery

1996-07-08
 (Until June 1996 this was a valid descriptor.)
 USE snap batteries

SNAP 10 REACTOR

Atomics International Div., Rockwell International, Canoga Park, California, USA.
 *BT1 enriched uranium reactors
 *BT1 potassium cooled reactors
 *BT1 process heat reactors
 *BT1 snap reactors
 *BT1 sodium cooled reactors
 NT1 s10fs-1 reactor
 NT1 s10fs-3 reactor
 NT1 s10fs-4 reactor

snap-10a flight system test-1

1993-11-09
 USE s10fs-1 reactor

snap-10a flight system test-3

1993-11-09
 USE s10fs-3 reactor

snap-10a flight system test-4

1993-11-09
 USE s10fs-4 reactor

snap-10a transient test reactor

1993-11-09
 USE snaptran reactors

snap 11 battery

1996-07-08
 (Until June 1996 this was a valid descriptor.)
 USE snap batteries

snap 13 battery

1996-07-08
 (Until June 1996 this was a valid descriptor.)
 USE snap batteries

snap 15 battery

2000-04-12
 (Prior to March 1996 this was a valid ETDE descriptor.)
 USE snap batteries

SNAP 19 BATTERY

*BT1 snap batteries

snap-2/10a tsf shielding reactor

2000-04-12
 USE snap-tsf reactor

snap-2 developmental system

USE s2ds reactor

snap-2 experimental reactor

USE ser reactor

SNAP 2 REACTOR

Atomics International Div., Rockwell International, Canoga Park, California, USA.
 *BT1 enriched uranium reactors
 *BT1 snap reactors
 NT1 s2ds reactor

snap 21 battery

2000-04-12
 (Prior to August 1996 this was a valid ETDE descriptor.)
 USE snap batteries

snap 23 battery

2000-04-12
 (Prior to August 1996 this was a valid ETDE descriptor.)
 USE snap batteries

SNAP 27 BATTERY

*BT1 snap batteries

snap 29 battery

2000-04-12
 (Prior to August 1996 this was a valid ETDE descriptor.)
 USE snap batteries

snap 3 battery

1996-07-08
 (Until June 1996 this was a valid descriptor.)
 USE snap batteries

snap 4 reactor

2000-04-12
 (Prior to January 1995, this was a valid ETDE descriptor.)
 USE snap reactors

SNAP 50 REACTOR

1993-02-18
 Pratt and Whitney Aircraft, Middletown, Connecticut, USA.
 *BT1 enriched uranium reactors
 *BT1 snap reactors

snap 7 battery

2000-04-12
 (Prior to March 1996 this was a valid ETDE descriptor.)
 USE snap batteries

snap-8 developmental reactor

USE s8dr reactor

snap-8 experimental reactor

USE s8er reactor

SNAP 8 REACTOR

Rockwell International, Santa Susana, California, USA.
 *BT1 enriched uranium reactors
 *BT1 snap reactors
 NT1 s8dr reactor
 NT1 s8er reactor

SNAP 9 BATTERY

*BT1 snap batteries

SNAP BATTERIES

1996-07-08
 Battery Systems for Nuclear Auxiliary Power.
 UF snap 1 battery
 UF snap 11 battery
 UF snap 13 battery
 UF snap 15 battery
 UF snap 21 battery
 UF snap 23 battery
 UF snap 29 battery
 UF snap 3 battery
 UF snap 7 battery
 *BT1 radioisotope batteries

NT1 snap 19 battery

NT1 snap 27 battery

NT1 snap 9 battery

SNAP REACTORS

Reactor Systems for Nuclear Auxiliary Power.
 UF snap 4 reactor
 SF s4 reactor
 *BT1 space power reactors
 NT1 snap 10 reactor
 NT2 s10fs-1 reactor
 NT2 s10fs-3 reactor
 NT2 s10fs-4 reactor
 NT1 snap 2 reactor
 NT2 s2ds reactor
 NT1 snap 50 reactor
 NT1 snap 8 reactor
 NT2 s8dr reactor
 NT2 s8er reactor
 RT thermionic reactors

SNAP-TSF REACTOR

2000-04-12
 Atomics International Div., Rockwell International, Canoga Park, California, USA.
 UF snap-2/10a tsf shielding reactor
 *BT1 enriched uranium reactors
 *BT1 potassium cooled reactors
 *BT1 process heat reactors
 *BT1 sodium cooled reactors

snaptran-1 reactor

USE snaptran reactors

snaptran-2 reactor

USE snaptran reactors

snaptran-3 reactor

USE snaptran reactors

SNAPTRAN REACTORS

USA. Program discontinued in 1960s.
 UF snap-10a transient test reactor
 UF snaptran-1 reactor
 UF snaptran-2 reactor
 UF snaptran-3 reactor
 *BT1 enriched uranium reactors
 *BT1 nak cooled reactors
 *BT1 potassium cooled reactors
 *BT1 sodium cooled reactors
 *BT1 test reactors

SNEAK REACTOR

Gesellschaft fuer Kernforschung mbH, Karlsruhe, Baden-Wuerttemberg, Federal Republic of Germany. decommissioned since 1997.
 UF schnelle null-energie anordnung karlsruhe
 *BT1 air cooled reactors
 *BT1 fast reactors
 *BT1 research reactors
 *BT1 zero power reactors
 RT enriched uranium reactors
 RT plutonium reactors

sng

INIS: 2000-04-12; ETDE: 1975-10-01
 USE high btu gas

SNG PLANTS

INIS: 2000-04-12; ETDE: 1976-10-13
 BT1 industrial plants
 RT high btu gas
 RT sng processes

SNG PROCESSES

2000-04-12
 Processes for production of substitute natural gas from hydrocarbon liquids or coal.
 UF carbon dioxide acceptor process
 UF gasyntan process

UF *jgc methane-rich gas process*
 UF *methane rich gas process*
 UF *mrg process*
 UF *rmprocess*
 NT1 *fluidized bed hydrogenation process*
 NT1 *gas recycle hydrogenation process*
 NT1 *hydrane process*
 NT1 *hygas process*
 NT1 *kellogg process*
 NT1 *peatgas process*
 NT1 *shell gasification process*
 RT *bi-gas process*
 RT *coal gasification*
 RT *exxon gasification process*
 RT *high btu gas*
 RT *koppers-totzek process*
 RT *lurgi process*
 RT *petroleum*
 RT *petroleum products*
 RT *sng plants*
 RT *synthane process*
 RT *winkler process*

SNOW

BT1 *atmospheric precipitations*
 RT *antarctic regions*
 RT *arctic regions*
 RT *cryosphere*
 RT *glaciers*
 RT *ice*
 RT *natural disasters*
 RT *rain*
 RT *slush*
 RT *storms*

snpa-dea process

2000-04-12

Process for sweetening raw gas streams containing a total of about 10% or more of acid gases (hydrogen sulfide plus carbon dioxide) at operating pressures of about 500 psig or higher.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE *desulfurization*

snr-1 reactor

INIS: 1977-09-06; ETDE: 1976-10-13

(From 1977 to July 1985, this was a valid ETDE descriptor.)

USE *snr reactor*

SNR-2 REACTOR

1976-10-29

Kalkar, North Rhine Westfalia, Federal Republic of Germany.

*BT1 *lmfbr type reactors*

*BT1 *power reactors*

*BT1 *sodium cooled reactors*

snr-300 reactor

USE *snr reactor*

SNR REACTOR

ETDE: 1976-10-13

Kalkar, North Rhine Westfalia, Federal Republic of Germany. Construction cancelled 1991.

UF *kalkar power reactor*

UF *schneller natriumgekuehlter reaktor*

UF *snr-1 reactor*

UF *snr-300 reactor*

*BT1 *lmfbr type reactors*

*BT1 *power reactors*

*BT1 *sodium cooled reactors*

sns (oak ridge)

2016-06-09

USE *oak ridge spallation neutron source*

SO-10 GROUPS

INIS: 1981-03-10; ETDE: 1981-04-17

*BT1 *so groups*

RT *grand unified theory*

SO-12 GROUPS

INIS: 1986-01-21; ETDE: 1986-03-04

*BT1 *so groups*

SO-2 GROUPS

INIS: 1978-02-23; ETDE: 1978-05-01

*BT1 *so groups*

SO-3 GROUPS

*BT1 *so groups*

SO-4 GROUPS

INIS: 1977-10-17; ETDE: 1977-11-10

*BT1 *so groups*

SO-5 GROUPS

2006-05-22

*BT1 *so groups*

SO-6 GROUPS

INIS: 1981-09-18; ETDE: 1981-10-24

*BT1 *so groups*

SO-8 GROUPS

INIS: 1987-04-28; ETDE: 1987-07-21

*BT1 *so groups*

SO GROUPS

*BT1 *lie groups*

NT1 *so-10 groups*

NT1 *so-12 groups*

NT1 *so-2 groups*

NT1 *so-3 groups*

NT1 *so-4 groups*

NT1 *so-5 groups*

NT1 *so-6 groups*

NT1 *so-8 groups*

SOAPS

*BT1 *other organic compounds*

RT *detergents*

RT *emulsifiers*

RT *organic acids*

SOC SOLAR CELLS

INIS: 2000-04-12; ETDE: 1981-07-18

UF *silicon on ceramic solar cells*

*BT1 *silicon solar cells*

SOCIAL IMPACT

INIS: 1992-03-26; ETDE: 1977-01-31

RT *aesthetics*

RT *health services*

RT *socio-economic factors*

RT *sociology*

RT *technology impacts*

SOCIAL SERVICES

INIS: 1999-12-07; ETDE: 1978-04-06

NT1 *health services*

RT *boom towns*

RT *local government*

RT *state government*

societal costs

2004-09-08

SEE *external cost*

socio-economic aspects

INIS: 1985-11-18; ETDE: 1983-02-09

(Prior to December 1985 this was a valid descriptor.)

USE *socio-economic factors*

SOCIO-ECONOMIC FACTORS

INIS: 1998-01-28; ETDE: 1976-03-11

(Prior to December 1985 SOCIO-ECONOMIC ASPECTS was used for this concept.)

UF *socio-economic aspects*

SF *life styles*

SF *values*

BT1 *institutional factors*

RT *aesthetics*

RT *communities*

RT *cooperatives*

RT *economic impact*

RT *economics*

RT *financial incentives*

RT *health services*

RT *high income groups*

RT *low income groups*

RT *political aspects*

RT *property values*

RT *social impact*

RT *sociology*

RT *technology impacts*

SOCIOLOGY

RT *aesthetics*

RT *anthropology*

RT *assimilation*

RT *black americans*

RT *elderly people*

RT *ethical aspects*

RT *handicapped people*

RT *hispanic americans*

RT *historical aspects*

RT *human factors*

RT *human populations*

RT *leisure time activities*

RT *man*

RT *minority groups*

RT *occupations*

RT *oriental americans*

RT *public anxiety*

RT *public relations*

RT *regional analysis*

RT *social impact*

RT *socio-economic factors*

RT *urban populations*

sod

INIS: 1984-04-04; ETDE: 2002-06-13

USE *superoxide dismutase*

sod (soil)

INIS: 1984-04-04; ETDE: 2002-06-13

USE *soils*

soda ash

INIS: 2000-04-12; ETDE: 1977-03-08

USE *sodium carbonates*

SODDYITE

*BT1 *silicate minerals*

*BT1 *uranium minerals*

RT *uranium silicates*

SODIUM

*BT1 *alkali metals*

SODIUM 18

2008-01-16

*BT1 *light nuclei*

*BT1 *odd-odd nuclei*

*BT1 *sodium isotopes*

SODIUM 19

*BT1 *light nuclei*

*BT1 *milliseconds living radioisotopes*

*BT1 *odd-even nuclei*

*BT1 *proton decay radioisotopes*

*BT1 *sodium isotopes*

SODIUM 20

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 sodium isotopes

SODIUM 21

- *BT1 beta-plus decay radioisotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 sodium isotopes

SODIUM 21 TARGET

INIS: 1986-12-09; ETDE: 1987-02-24
BT1 targets

SODIUM 22

- *BT1 beta-plus decay radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 light nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 sodium isotopes
- *BT1 years living radioisotopes

SODIUM 22 TARGET

INIS: 1976-10-07; ETDE: 1976-11-01
BT1 targets

SODIUM 23

- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 sodium isotopes
- *BT1 stable isotopes
- RT* sodium 23 beams

SODIUM 23 BEAMS

INIS: 1976-07-06; ETDE: 1976-08-24
*BT1 ion beams
RT sodium 23

SODIUM 23 REACTIONS

INIS: 1978-09-28; ETDE: 1978-10-19
*BT1 heavy ion reactions

SODIUM 23 TARGET

ETDE: 1976-07-09
BT1 targets

SODIUM 24

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 sodium isotopes

SODIUM 25

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 sodium isotopes

SODIUM 26

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 sodium isotopes

SODIUM 27

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 sodium isotopes

SODIUM 28

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 sodium isotopes

SODIUM 29

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 sodium isotopes

SODIUM 30

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 sodium isotopes

SODIUM 31

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 sodium isotopes

SODIUM 32

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 sodium isotopes

SODIUM 33

- *BT1 beta-minus decay radioisotopes
- *BT1 light nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 sodium isotopes

SODIUM 34

INIS: 1984-06-21; ETDE: 1984-07-10
*BT1 beta-minus decay radioisotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 sodium isotopes

SODIUM 35

INIS: 1984-02-23; ETDE: 1983-06-20
*BT1 beta-minus decay radioisotopes
*BT1 light nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 sodium isotopes

SODIUM 37

2008-01-16
*BT1 beta-minus decay radioisotopes
*BT1 light nuclei
*BT1 odd-even nuclei
*BT1 sodium isotopes

SODIUM ADDITIONS

Alloys containing not more than 1% Na are listed here.
*BT1 sodium alloys

SODIUM ALLOYS

Alloys containing more than 1% Na.
UF *nak*
BT1 alloys
NT1 sodium additions
NT1 sodium base alloys

sodium aminoethylthiophosphate

INIS: 1975-11-07; ETDE: 2002-06-13
USE cystaphos

SODIUM BASE ALLOYS

- *BT1 sodium alloys

SODIUM BORIDES

- *BT1 borides
- *BT1 sodium compounds

SODIUM BROMIDES

- *BT1 bromides
- *BT1 sodium halides

SODIUM CARBIDES

- *BT1 carbides
- *BT1 sodium compounds

SODIUM CARBONATES

UF *chlor-alkali industry*
UF *soda ash*
*BT1 carbonates
*BT1 sodium compounds
RT carbonate minerals
RT dawsonite
RT nahcolite
RT shortite
RT trona

SODIUM CHLORIDES

- *BT1 chlorides
- *BT1 sodium halides
- RT* halite

sodium citrates

INIS: 2000-04-12; ETDE: 1977-04-12
USE citrates
USE sodium compounds

SODIUM COMPLEXES

- *BT1 alkali metal complexes

SODIUM COMPOUNDS

1996-10-23
UF *hypaque*
UF *sodium citrates*
UF *sodium lauryl sulfates*
BT1 alkali metal compounds
NT1 borax
NT1 rochelle salt
NT1 sodium borides
NT1 sodium carbides
NT1 sodium carbonates
NT1 sodium halides
NT2 sodium bromides
NT2 sodium chlorides
NT2 sodium fluorides
NT2 sodium iodides
NT1 sodium hydrides
NT1 sodium hydroxides
NT1 sodium nitrates
NT1 sodium nitrides
NT1 sodium oxides
NT2 sodium tungsten bronze
NT1 sodium perchlorates
NT1 sodium phosphates
NT1 sodium phosphides
NT1 sodium selenides
NT1 sodium silicates
NT1 sodium silicides
NT1 sodium sulfates
NT1 sodium sulfides
NT1 sodium tellurides
NT1 sodium tungstates
NT1 sodium uranates
NT1 tiron

sodium cooled graphite moderated reactors

1999-09-17
USE sgr type reactors

SODIUM COOLED REACTORS

- *BT1 liquid metal cooled reactors
- NT1 beloyarsk-3 reactor
- NT1 beloyarsk-4 reactor
- NT1 bn-1200 reactor

NT1 bn-1600 reactor
NT1 bn-350 reactor
NT1 bor-60 reactor
NT1 cdfr reactor
NT1 clinch river breeder reactor
NT1 ebr-1 reactor
NT1 ebr-2 reactor
NT1 enrico fermi-1 reactor
NT1 fftf reactor
NT1 hnpf reactor
NT1 knk-2 reactor
NT1 knk reactor
NT1 lampre-1 reactor
NT1 monju reactor
NT1 pfr reactor
NT1 phenix reactor
NT1 rapsodie reactor
NT1 sbr-5 reactor
NT1 sefor reactor
NT1 ser reactor
NT1 sgr type reactors
NT2 sre reactor
NT1 snap 10 reactor
NT2 s10fs-1 reactor
NT2 s10fs-3 reactor
NT2 s10fs-4 reactor
NT1 snap-tsfr reactor
NT1 snaptran reactors
NT1 snr-2 reactor
NT1 snr reactor
NT1 superphenix reactor
NT1 zrr reactor
RT nak cooled reactors

sodium cooled zirconium hydride moderated reactors

1993-11-09

USE szr type reactors

SODIUM FLUORIDES

*BT1 fluorides
 *BT1 sodium halides

SODIUM HALIDES

2012-07-25

*BT1 halides
 *BT1 sodium compounds
NT1 sodium bromides
NT1 sodium chlorides
NT1 sodium fluorides
NT1 sodium iodides

SODIUM HYDRIDES

*BT1 hydrides
 *BT1 sodium compounds

SODIUM HYDROXIDES

UF chlor-alkali industry
 *BT1 hydroxides
 *BT1 sodium compounds

sodium iodide detectors

INIS: 1979-09-18; ETDE: 1979-02-05

USE nai detectors

SODIUM IODIDES

*BT1 inorganic phosphors
 *BT1 iodides
 *BT1 sodium halides

sodium iodohippurate

INIS: 1975-10-23; ETDE: 1980-08-12

USE hippuran

SODIUM IONS

*BT1 ions

SODIUM ISOTOPES

1999-07-16

BT1 isotopes
NT1 sodium 18
NT1 sodium 19

NT1 sodium 20
NT1 sodium 21
NT1 sodium 22
NT1 sodium 23
NT1 sodium 24
NT1 sodium 25
NT1 sodium 26
NT1 sodium 27
NT1 sodium 28
NT1 sodium 29
NT1 sodium 30
NT1 sodium 31
NT1 sodium 32
NT1 sodium 33
NT1 sodium 34
NT1 sodium 35
NT1 sodium 37

sodium lauryl sulfates

INIS: 2000-04-12; ETDE: 1980-12-08

USE sodium compounds
 USE sulfuric acid esters

sodium minerals

2000-04-12

Use one of the more specific descriptors under MINERALS.

(Prior to May 1982, this was a valid ETDE descriptor.)

USE minerals

sodium n-o-iodobenzoylaminoacetate

INIS: 1975-10-23; ETDE: 2002-06-13

USE hippuran

SODIUM NITRATES

*BT1 nitrates
 *BT1 sodium compounds

SODIUM NITRIDES

INIS: 1980-02-26; ETDE: 1977-12-22

*BT1 nitrides
 *BT1 sodium compounds

sodium orthoiodohippurate

INIS: 1975-10-23; ETDE: 2002-06-13

USE hippuran

SODIUM OXIDES

*BT1 oxides
 *BT1 sodium compounds
NT1 sodium tungsten bronze
RT clarkeite
RT oxide minerals

SODIUM PERCHLORATES

*BT1 perchlorates
 *BT1 sodium compounds

SODIUM PHOSPHATES

*BT1 phosphates
 *BT1 sodium compounds

SODIUM PHOSPHIDES

INIS: 2000-04-12; ETDE: 1984-12-26
 (From January 1993 to November 2007 SODIUM COMPOUNDS + PHOSPHIDES was used for this concept.)

*BT1 phosphides
 *BT1 sodium compounds

sodium reactor experiment

USE sre reactor

SODIUM SELENIDES

INIS: 1991-09-16; ETDE: 1985-10-25

*BT1 selenides
 *BT1 sodium compounds

SODIUM SILICATES

1996-06-26

*BT1 silicates
 *BT1 sodium compounds

RT lavenite
RT lovozerite
RT pollucite
RT silicate minerals

SODIUM SILICIDES

INIS: 1996-07-23; ETDE: 1976-07-07

(From July 1996 to November 2007 SODIUM COMPOUNDS + SILICIDES was used for this concept.)

*BT1 silicides
 *BT1 sodium compounds

SODIUM SULFATES

1996-07-08

UF glauher's salt
 *BT1 sodium compounds
 *BT1 sulfates
RT sulfate minerals

SODIUM SULFIDES

*BT1 sodium compounds
 *BT1 sulfides

SODIUM-SULFUR BATTERIES

1996-06-19

*BT1 metal-nonmetal batteries

SODIUM TELLURIDES

INIS: 1979-02-21; ETDE: 1976-11-01

*BT1 sodium compounds
 *BT1 tellurides

SODIUM TUNGSTATES

1976-10-07

*BT1 sodium compounds
 *BT1 tungstates

SODIUM TUNGSTEN BRONZE

INIS: 2000-04-12; ETDE: 1979-08-09

One of a series of metallic substances consisting of metallic and nonmetallic elements.

UF bronze (sodium tungsten)
 *BT1 sodium oxides
 *BT1 tungsten oxides
RT perovskites

SODIUM URANATES

*BT1 sodium compounds
 *BT1 uranates

sodium-water reactions

INIS: 2000-04-12; ETDE: 1977-04-12

USE molten metal-water reactions

sodium(liquid)-water reactions

INIS: 1977-09-15; ETDE: 2002-06-13

USE molten metal-water reactions

sofc

INIS: 2000-04-12; ETDE: 1989-04-12

Solid Oxide Fuel Cells.

USE solid oxide fuel cells

sofia irt-2000 reactor

INIS: 1984-07-20; ETDE: 2002-06-13

USE irt-sofia reactor

soft coal

INIS: 2000-04-12; ETDE: 1991-11-25

SEE bituminous coal
 SEE brown coal
 SEE lignite

SOFT COMPONENT

*BT1 cosmic radiation

SOFT-CORE POTENTIAL

*BT1 nuclear potential

soft pion theorem

INIS: 2000-04-12; ETDE: 1979-02-23

USE low-energy theorem

soft soldering

USE soldering

SOFT X RADIATION

*BT1 x radiation

SOIL CHEMISTRY

INIS: 1992-03-11; ETDE: 1977-03-04

BT1 chemistry
 RT agriculture
 RT biochemistry
 RT fertilizers
 RT liming
 RT soil conservation
 RT soils

SOIL CONSERVATION

INIS: 1992-07-07; ETDE: 1978-04-05

Management of soils to optimize crop yields while improving soil texture and stability.

BT1 resource conservation
 RT agriculture
 RT crops
 RT erosion
 RT erosion control
 RT fertilizers
 RT irrigation
 RT land reclamation
 RT revegetation
 RT sewage sludge
 RT soil chemistry
 RT soil mechanics
 RT soils

SOIL MECHANICS

INIS: 1977-03-14; ETDE: 1976-08-04

Application of principles of mechanics and geology to quantify the response of soils to environmental forces.

BT1 mechanics
 RT earth crust
 RT ground water
 RT overburden
 RT rock falls
 RT rock mechanics
 RT sea bed
 RT soil conservation
 RT soils

SOIL-STRUCTURE INTERACTIONS

INIS: 1984-10-23; ETDE: 1984-02-10

RT buildings
 RT dynamic loads
 RT earthquakes
 RT engineering geology
 RT foundations
 RT ground motion
 RT mechanical structures
 RT seismic effects
 RT seismic isolation
 RT shock waves

soiling

INIS: 2000-04-12; ETDE: 1982-08-11

USE surface contamination

SOILS

UF sod (soil)
 NT1 acid soils
 NT1 loam
 NT1 saline soils
 RT acid neutralizing capacity
 RT aerobacter
 RT agriculture
 RT alluvial deposits
 RT clays
 RT ecosystems
 RT embankments
 RT environmental materials
 RT fallout deposits
 RT fulvic acids

RT ground water
 RT humic acids
 RT humus
 RT irrigation
 RT liming
 RT nitrogen fixation
 RT peat
 RT permafrost
 RT plants
 RT proteus
 RT radionuclide migration
 RT roots
 RT sand
 RT soil chemistry
 RT soil conservation
 RT soil mechanics
 RT terrestrial ecosystems
 RT underground

soja bean oil

USE soybean oil

SOL-GEL PROCESS

RT colloids
 RT fuel cycle
 RT gelation
 RT reprocessing

SOLANUM

INIS: 1979-01-18; ETDE: 1979-02-23

*BT1 magnoliopsida
 NT1 solanum tuberosum

SOLANUM TUBEROSUM

UF potato plant
 *BT1 solanum
 RT potatoes

SOLAR ABSORBERS

INIS: 1992-02-22; ETDE: 1977-10-20

UF absorbers (solar)
 *BT1 solar equipment
 RT antireflection coatings
 RT black coatings
 RT black liquids
 RT black nickel
 RT coatings
 RT solar collectors
 RT solar receivers
 RT spectrally selective surfaces

SOLAR ACCESS

INIS: 2000-04-12; ETDE: 1980-09-22

The availability of sunlight to solar collectors and other solar energy systems.

(Prior to September 1980 this concept in ETDE was indexed by SOLAR RIGHTS.)

RT direct solar radiation
 RT solar rights

SOLAR ACTIVITY

BT1 stellar activity
 NT1 faculae
 NT1 plagues
 NT1 solar flares
 NT1 solar granulation
 NT1 solar prominences
 NT1 solar radio bursts
 NT1 solar wind
 NT1 solar x-ray bursts
 NT1 sunspots
 RT activity levels
 RT solar cycle
 RT sun

SOLAR AIR CONDITIONERS

2000-04-12

BT1 air conditioners
 *BT1 solar cooling systems
 NT1 solar-assisted heat pumps
 RT solar air conditioning
 RT vuilleumier cycle

SOLAR AIR CONDITIONING

2000-04-12

BT1 air conditioning
 RT radiative cooling
 RT solar air conditioners
 RT solar regenerators

SOLAR AIR HEATERS

2000-04-12

Solar collectors that use air as heat transfer fluid.

*BT1 air heaters
 *BT1 solar collectors
 RT flat plate collectors
 RT passive solar heating systems

SOLAR ALPHA PARTICLES

INIS: 1985-07-22; ETDE: 1975-08-19

(Prior to August 1985 this concept was expressed by coordination of ALPHA PARTICLES and ENERGETIC SOLAR PARTICLES.)

*BT1 alpha particles
 *BT1 solar particles

SOLAR ARCHITECTURE

INIS: 1992-03-10; ETDE: 1979-12-10

Building design that integrates the thermal, directional, and seasonal aspects of solar radiation.

UF building-integrated energy-producing components
 BT1 architecture
 RT architects
 RT buildings
 RT passive solar cooling systems
 RT passive solar heating systems
 RT solar cooling systems
 RT solar energy
 RT solar heating systems

SOLAR-ASSISTED HEAT PUMPS

INIS: 1992-08-20; ETDE: 1976-08-24

BT1 heat pumps
 *BT1 solar air conditioners
 *BT1 solar heating systems
 RT ground source heat pumps

SOLAR-ASSISTED POWER SYSTEMS

INIS: 1993-01-22; ETDE: 1977-04-12

*BT1 power systems
 RT heat engines
 RT thermal energy storage equipment

SOLAR ATMOSPHERE

*BT1 stellar atmospheres
 NT1 chromosphere
 NT1 heliosphere
 NT1 photosphere
 NT1 solar corona
 RT sun

solar batteries

1992-05-29

USE solar cell arrays

SOLAR BATTERY CHARGERS

INIS: 1992-07-23; ETDE: 1976-01-23

*BT1 battery chargers
 *BT1 solar equipment

SOLAR CELL ARRAYS

1992-05-29

UF solar batteries
 *BT1 solar equipment
 NT1 solar tracking systems
 RT photovoltaic cells
 RT photovoltaic power plants
 RT photovoltaic power supplies
 RT solar cells

solar cell receivers

INIS: 1992-05-29; ETDE: 1979-09-26
USE solar receivers

SOLAR CELLS

1997-06-19

*BT1 photovoltaic cells
*BT1 solar equipment
NT1 aluminium arsenide solar cells
NT1 back contact solar cells
NT1 cadmium arsenide solar cells
NT1 cadmium selenide solar cells
NT1 cadmium sulfide solar cells
NT1 cadmium telluride solar cells
NT1 cascade solar cells
NT1 concentrator solar cells
NT1 copper oxide solar cells
NT1 copper selenide solar cells
NT1 copper sulfide solar cells
NT1 gallium arsenide solar cells
NT1 gallium phosphide solar cells
NT1 indium phosphide solar cells
NT1 indium selenide solar cells
NT1 mi solar cells
NT1 mis solar cells
NT1 mos solar cells
NT1 ms solar cells
NT1 organic solar cells
NT1 pis solar cells
NT1 ps solar cells
NT1 schottky barrier solar cells
NT1 selenium solar cells
NT1 silicon arsenide solar cells
NT1 silicon solar cells
NT2 soc solar cells
NT1 zinc phosphide solar cells
NT1 zinc sulfide solar cells
RT combined collectors
RT depletion layer
RT graded band gaps
RT photovoltaic power supplies
RT solar cell arrays
RT solar collectors

solar central receivers

INIS: 1993-01-28; ETDE: 1993-02-04
USE central receivers

SOLAR CHIMNEYS

INIS: 2000-04-12; ETDE: 1984-11-08
BT1 chimneys
RT solar thermal power plants
RT tornado turbines
RT wind turbines

SOLAR COLLECTORS

1997-06-17

*BT1 solar equipment
NT1 combined collectors
NT1 concentrating collectors
NT2 fixed mirror collectors
NT2 parabolic collectors
NT3 parabolic dish collectors
NT3 parabolic trough collectors
NT2 slat type collectors
NT2 tower focus collectors
NT2 v trough collectors
NT1 evacuated collectors
NT2 evacuated tube collectors
NT1 flat plate collectors
NT2 trickle-type collectors
NT1 inflatable collectors
NT1 solar air heaters
NT1 solar ponds
NT2 roof ponds
NT1 solar tracking systems
NT1 unglazed solar collectors
RT black liquids
RT central receivers
RT f-chart

RT honeycomb structures
RT solar absorbers
RT solar cells
RT solar furnaces
RT solar receivers
RT thermic diode solar panels

SOLAR CONCENTRATORS

INIS: 1992-05-28; ETDE: 1975-10-28

*BT1 solar equipment
NT1 cassegrainian concentrators
NT1 compound parabolic concentrators
NT1 luminescent concentrators
NT1 solar reflectors
NT2 fresnel reflectors
NT2 orbital solar reflectors
NT2 parabolic reflectors
NT3 parabolic dish reflectors
NT3 parabolic trough reflectors
RT concentrating collectors
RT concentration ratio
RT concentrator solar cells
RT fresnel lens
RT mirrors
RT solar receivers

SOLAR CONSTANT

1979-01-18

Solar energy flux just outside the earth's atmosphere at the earth's mean distance from the sun.
RT solar radiation

SOLAR CONTROL FILMS

INIS: 2000-04-12; ETDE: 1980-02-11

BT1 films
RT coatings
RT heat mirrors
RT reflective coatings
RT windows

SOLAR COOKERS

2000-04-12

*BT1 solar equipment
RT solar cooking

SOLAR COOKING

2000-04-12

RT solar cookers
RT solar heating

SOLAR COOLING SYSTEMS

INIS: 1994-09-29; ETDE: 1977-07-23

*BT1 solar equipment
NT1 passive solar cooling systems
NT2 bead walls
NT2 drum walls
NT2 roof ponds
NT1 solar air conditioners
NT2 solar-assisted heat pumps
NT1 solar refrigerators
RT cold storage
RT solar architecture

SOLAR CORONA

UF corona (solar)
*BT1 solar atmosphere
*BT1 stellar coronae
RT solar prominences
RT solar wind
RT sun

SOLAR CYCLE

RT international solar maximum year
RT solar activity
RT sun
RT sunspots

SOLAR DISTILLATION

1999-07-13

(Until July 1999 this information was indexed by SOLAR ENERGY and DISTILLATION.)
*BT1 distillation
RT solar process heat
RT solar stills

SOLAR DISTRICT HEATING

INIS: 2000-04-12; ETDE: 1979-09-26

District heating using a solar source for all or part of the heat supply.
*BT1 district heating
*BT1 solar heating
RT central heating plants
RT solar heating systems
RT solar space heating

solar domestic water heating

INIS: 2000-04-12; ETDE: 1977-12-22

USE solar water heating

SOLAR DRYERS

2000-04-12

Dryers using a solar heat source, primarily used for crop drying. For wood drying, use SOLAR KILNS.
BT1 dryers
*BT1 solar equipment
RT solar furnaces
RT solar process heat

SOLAR DRYING

INIS: 1976-10-07; ETDE: 1975-11-11

BT1 drying
RT solar heating
RT solar process heat

SOLAR ELECTRIC PROPULSION

2000-04-12

BT1 propulsion

solar electron events

(Prior to August 1985 this concept was expressed by coordination of ELECTRONS and ENERGETIC SOLAR PARTICLES.)
USE solar electrons

SOLAR ELECTRONS

INIS: 1985-07-22; ETDE: 1975-08-19

(Prior to August 1985 this concept was expressed by coordination of ELECTRONS and ENERGETIC SOLAR PARTICLES.)
UF solar electron events
*BT1 electrons
*BT1 solar particles

SOLAR ENERGY

BT1 energy
*BT1 renewable energy sources
RT national renewable energy laboratory
RT solar architecture
RT solar heating
RT solar industry
RT solar radiation
RT solar rights
RT sun

SOLAR ENERGY CONVERSION

1991-12-11

*BT1 energy conversion
NT1 ocean thermal energy conversion
NT1 solar thermal conversion
RT photoelectrolysis

solar energy information data bank

INIS: 2000-04-12; ETDE: 1981-07-18

USE seidb

solar energy research institute

INIS: 1994-06-13; ETDE: 1978-02-14

(Until June 1994 this was a valid descriptor.)

USE national renewable energy laboratory

SOLAR EQUIPMENT

INIS: 1992-02-22; ETDE: 1980-03-04

BT1 equipment

NT1 heliostats

NT2 solar tracking systems

NT1 photovoltaic power supplies

NT1 pyranometers

NT1 pyrheliometers

NT1 solar absorbers

NT1 solar battery chargers

NT1 solar cell arrays

NT2 solar tracking systems

NT1 solar cells

NT2 aluminium arsenide solar cells

NT2 back contact solar cells

NT2 cadmium arsenide solar cells

NT2 cadmium selenide solar cells

NT2 cadmium sulfide solar cells

NT2 cadmium telluride solar cells

NT2 cascade solar cells

NT2 concentrator solar cells

NT2 copper oxide solar cells

NT2 copper selenide solar cells

NT2 copper sulfide solar cells

NT2 gallium arsenide solar cells

NT2 gallium phosphide solar cells

NT2 indium phosphide solar cells

NT2 indium selenide solar cells

NT2 mi solar cells

NT2 mis solar cells

NT2 mos solar cells

NT2 ms solar cells

NT2 organic solar cells

NT2 pis solar cells

NT2 ps solar cells

NT2 schottky barrier solar cells

NT2 selenium solar cells

NT2 silicon arsenide solar cells

NT2 silicon solar cells

NT3 soc solar cells

NT2 zinc phosphide solar cells

NT2 zinc sulfide solar cells

NT1 solar collectors

NT2 combined collectors

NT2 concentrating collectors

NT3 fixed mirror collectors

NT3 parabolic collectors

NT4 parabolic dish collectors

NT4 parabolic trough collectors

NT3 slat type collectors

NT3 tower focus collectors

NT3 v trough collectors

NT2 evacuated collectors

NT3 evacuated tube collectors

NT2 flat plate collectors

NT3 trickle-type collectors

NT2 inflatable collectors

NT2 solar air heaters

NT2 solar ponds

NT3 roof ponds

NT2 solar tracking systems

NT2 unglazed solar collectors

NT1 solar concentrators

NT2 cassegrainian concentrators

NT2 compound parabolic concentrators

NT2 luminescent concentrators

NT2 solar reflectors

NT3 fresnel reflectors

NT3 orbital solar reflectors

NT3 parabolic reflectors

NT4 parabolic dish reflectors

NT4 parabolic trough reflectors

NT1 solar cookers

NT1 solar cooling systems

NT2 passive solar cooling systems

NT3 bead walls

NT3 drum walls

NT3 roof ponds

NT2 solar air conditioners

NT3 solar-assisted heat pumps

NT2 solar refrigerators

NT1 solar dryers

NT1 solar furnaces

NT1 solar heating systems

NT2 passive solar heating systems

NT3 bead walls

NT3 direct gain systems

NT3 drum walls

NT3 roof ponds

NT3 thermic diode solar panels

NT3 trombe walls

NT3 water walls

NT2 solar-assisted heat pumps

NT1 solar kilns

NT1 solar regenerators

NT1 solar regulators

NT1 solar stills

NT1 solar water heaters

NT2 passive solar water heaters

NT3 thermic diode solar panels

NT1 solar water pumps

NT1 spectrally selective surfaces

RT photoelectrochemical cells

RT thermal energy storage equipment

SOLAR FLARES

*BT1 solar activity

*BT1 stellar flares

RT chromosphere

RT forbush decrease

RT magnetic reconnection

RT solar particles

RT solar radiation

RT solar radio bursts

RT solar wind

RT solar x-ray bursts

RT space flight

RT sun

RT sunspots

RT supersonic transport

SOLAR FLUX

1992-04-08

BT1 radiation flux

NT1 diffuse solar radiation

NT1 direct solar radiation

RT insolation

RT pyrheliometers

RT radiative forcing

RT shading

RT solar radiation

RT solar simulators

SOLAR FRACTION

INIS: 2000-04-12; ETDE: 1981-05-18

Ratio of solar contribution to net thermal load.

RT energy conservation

RT heat gain

RT heating load

SOLAR FURNACES

1997-06-17

BT1 furnaces

*BT1 solar equipment

RT cnrs solar facility

RT solar collectors

RT solar dryers

RT solar process heat

RT white sands solar facility

SOLAR GRANULATION

Small "rice grain" structures on the photosphere of the Sun.

UF granulation (solar)

UF supergranulation

*BT1 solar activity

RT photosphere

RT sun

SOLAR HEAT ENGINES

1992-05-21

*BT1 heat engines

RT brayton cycle power systems

RT nitinol heat engines

RT regeneration

RT regenerators

RT solar thermal conversion

RT stirling engines

SOLAR HEATING

1992-09-07

(Until September 1992, this concept was indexed by HEATING and SOLAR ENERGY.)

BT1 heating

NT1 solar district heating

NT1 solar space heating

NT1 solar water heating

RT cooling load

RT heating load

RT solar cooking

RT solar drying

RT solar energy

SOLAR HEATING SYSTEMS

INIS: 1992-08-20; ETDE: 1975-11-11

SF freeze-cycle system

*BT1 heating systems

*BT1 solar equipment

NT1 passive solar heating systems

NT2 bead walls

NT2 direct gain systems

NT2 drum walls

NT2 roof ponds

NT2 thermic diode solar panels

NT2 trombe walls

NT2 water walls

NT1 solar-assisted heat pumps

RT f-chart

RT solar architecture

RT solar district heating

RT solar process heat

RT solar space heating

SOLAR INDUSTRY

INIS: 1993-01-21; ETDE: 1977-12-22

BT1 industry

RT solar energy

SOLAR KILNS

2000-04-12

BT1 kilns

*BT1 solar equipment

RT drying

RT solar process heat

solar models

INIS: 1975-10-23; ETDE: 1975-12-16

USE star models

SOLAR NEBULA

BT1 nebulae

RT cosmological models

RT protoplanets

RT solar system evolution

SOLAR NEUTRINOS

INIS: 1985-07-22; ETDE: 1975-07-29

(Prior to August 1985 this concept was expressed by coordination of ENERGETIC SOLAR PARTICLES and NEUTRINOS.)

*BT1 neutrinos

*BT1 solar particles

SOLAR NEUTRONS

INIS: 1985-07-22; ETDE: 1976-04-19

(Prior to August 1985 this concept was expressed by coordination of ENERGETIC SOLAR PARTICLES and NEUTRONS.)

- *BT1 neutrons
- *BT1 solar particles

solar occultation

USE eclipse

solar one power plant

INIS: 2000-04-12; ETDE: 1983-04-07

USE barstow solar pilot plant

SOLAR PARTICLES

1985-11-18

(Prior to December 1985 SOLAR RADIATION was used for this concept except where ENERGETIC SOLAR PARTICLES was appropriate.)

- UF *energetic solar particles*
- *BT1 solar radiation
- NT1 solar alpha particles
- NT1 solar electrons
- NT1 solar neutrinos
- NT1 solar neutrons
- NT1 solar protons
- RT polar-cap absorption
- RT solar flares

SOLAR PHOTOCHEMISTRY

2005-05-25

- *BT1 photochemistry
- RT photochemical energy storage
- RT solar radiation

SOLAR PONDS

INIS: 2000-05-08; ETDE: 1975-09-11

- *BT1 ponds
- *BT1 solar collectors
- NT1 roof ponds
- RT inflatable collectors
- RT solar water heaters

SOLAR POWER PLANTS

1976-07-06

- BT1 power plants
- NT1 ocean thermal power plants
- NT1 orbital solar power plants
- NT1 photovoltaic power plants
- NT1 salinity gradient power plants
- NT1 solar thermal power plants
- NT2 distributed collector power plants
- NT2 tower focus power plants
- NT3 barstow solar pilot plant
- RT orbital solar reflectors

SOLAR PROCESS HEAT

INIS: 2000-04-12; ETDE: 1978-03-03

- *BT1 process heat
- RT solar distillation
- RT solar dryers
- RT solar drying
- RT solar furnaces
- RT solar heating systems
- RT solar kilns
- RT solar stills
- RT solar water heaters

SOLAR PROMINENCES

- UF *prominences (solar)*
- UF *spicules*
- *BT1 solar activity
- RT solar corona
- RT sun

solar proton events

(Prior to August 1985 this concept was expressed by coordination of ENERGETIC SOLAR PARTICLES and PROTONS.)

USE solar protons

SOLAR PROTONS

INIS: 1985-07-22; ETDE: 1975-07-29

(Prior to August 1985 this concept was expressed by coordination of ENERGETIC SOLAR PARTICLES and PROTONS.)

- UF *solar proton events*
- *BT1 protons
- *BT1 solar particles

SOLAR RADIATION

- *BT1 stellar radiation
- NT1 diffuse solar radiation
- NT1 direct solar radiation
- NT1 solar particles
- NT2 solar alpha particles
- NT2 solar electrons
- NT2 solar neutrinos
- NT2 solar neutrons
- NT2 solar protons
- NT1 solar radiowave radiation
- RT cosmic radiation
- RT daylighting
- RT insolation
- RT pyranometers
- RT solar constant
- RT solar energy
- RT solar flares
- RT solar flux
- RT solar photochemistry
- RT solar radio bursts
- RT solar wind
- RT solar x-ray bursts
- RT sun
- RT sun charts
- RT zodiacal light

SOLAR RADIO BURSTS

- *BT1 radiowave radiation
- *BT1 solar activity
- RT magnetic reconnection
- RT radioastronomy
- RT solar flares
- RT solar radiation
- RT solar radiowave radiation
- RT sun

SOLAR RADIOWAVE RADIATION

INIS: 1976-03-17; ETDE: 1975-08-19

- *BT1 radiowave radiation
- *BT1 solar radiation
- RT solar radio bursts

SOLAR RECEIVERS

INIS: 1992-05-28; ETDE: 1979-09-26

Systems designed to receive concentrated sunlight and convert it to some other energy form. They incorporate an absorber or a concentrator solar cell assembly.

- UF *receivers (solar)*
- UF *solar cell receivers*
- UF *solar thermal receivers*
- NT1 cavity receivers
- NT1 central receivers
- NT1 external receivers
- RT concentrating collectors
- RT concentrator solar cells
- RT solar absorbers
- RT solar collectors
- RT solar concentrators
- RT solar thermal conversion

SOLAR REFLECTORS

1992-07-09

- *BT1 solar concentrators
- NT1 fresnel reflectors

- NT1 orbital solar reflectors
- NT1 parabolic reflectors
- NT2 parabolic dish reflectors
- NT2 parabolic trough reflectors
- RT mirrors
- RT optical systems

SOLAR REFRIGERATION

1994-09-29

- *BT1 refrigeration
- RT solar refrigerators

SOLAR REFRIGERATORS

1994-09-29

- BT1 refrigerators
- *BT1 solar cooling systems
- RT solar refrigeration

SOLAR REGENERATORS

INIS: 2000-04-12; ETDE: 1979-07-18

Systems or devices for regenerating absorbent solutions by solar heating; used in absorption solar air conditioning.

- BT1 regenerators
- *BT1 solar equipment
- RT solar air conditioning

SOLAR REPOWERING

INIS: 2000-04-12; ETDE: 1980-10-07

The adaptation of a solar thermal steam supply system into an existing thermal power plant.

(Prior to October 1980 this concept in ETDE was indexed by RETROFITTING.)

- SF *repowering*
- RT fossil-fuel power plants
- RT retrofitting
- RT solar thermal power plants

SOLAR RIGHTS

INIS: 2000-04-12; ETDE: 1978-04-05

The legal right to solar access.

- RT laws
- RT legal aspects
- RT ownership
- RT solar access
- RT solar energy

solar sea power plants

INIS: 1991-12-11; ETDE: 1977-04-12

USE ocean thermal power plants

SOLAR SIMULATORS

INIS: 2000-04-12; ETDE: 1975-12-16

Equipment to simulate the solar flux for test purposes.

- *BT1 simulators
- *BT1 solar equipment
- RT insolation
- RT solar flux

SOLAR SPACE HEATING

1992-09-07

- *BT1 solar heating
- *BT1 space heating
- RT solar district heating
- RT solar heating systems

SOLAR STILLs

2000-04-12

Distillation apparatuses that use solar radiation heating to evaporate the water. Can be used for water purification or desalting.

- BT1 evaporators
- *BT1 solar equipment
- RT solar distillation
- RT solar process heat

SOLAR SYSTEM

- RT asteroids
- RT comets
- RT halley comet

RT interplanetary space
 RT meteoroids
 RT planets
 RT solar system evolution
 RT sun

SOLAR SYSTEM EVOLUTION

(From November 1975 till March 1997 PLANETARY EVOLUTION was a valid ETDE descriptor.)

UF *planetary evolution*
 BT1 evolution
 RT planet-system accretion
 RT protoplanets
 RT solar nebula
 RT solar system
 RT star evolution

SOLAR THERMAL CONVERSION

INIS: 1992-04-07; ETDE: 1981-09-08

Use for overviews of solar thermal program.

*BT1 solar energy conversion
 RT solar heat engines
 RT solar receivers
 RT solar thermal power plants

SOLAR THERMAL POWER PLANTS

1992-03-11

*BT1 solar power plants
 *BT1 thermal power plants
 NT1 distributed collector power plants
 NT1 tower focus power plants
 NT2 barstow solar pilot plant
 RT microgeneration
 RT solar chimneys
 RT solar repowering
 RT solar thermal conversion

solar thermal receivers

INIS: 1992-05-29; ETDE: 1979-09-26

USE solar receivers

solar thermal test facility

INIS: 2000-04-12; ETDE: 1981-07-18

USE central receiver test facility

SOLAR TRACKING

2000-04-12

NT1 solar tracking systems
 RT control equipment
 RT heliostats
 RT tilt mechanisms

SOLAR TRACKING SYSTEMS

INIS: 2000-04-12; ETDE: 1983-02-09

*BT1 heliostats
 *BT1 solar cell arrays
 *BT1 solar collectors
 BT1 solar tracking

SOLAR WATER HEATERS

1997-06-17

SF *freeze-cycle system*
 *BT1 solar equipment
 *BT1 water heaters
 NT1 passive solar water heaters
 NT2 thermic diode solar panels
 RT f-chart
 RT solar ponds
 RT solar process heat
 RT solar water heating

SOLAR WATER HEATING

INIS: 1992-09-07; ETDE: 1977-12-22

Use for solar domestic water heating; not for process hot water.

UF *solar domestic water heating*
 *BT1 solar heating
 *BT1 water heating
 RT solar water heaters

SOLAR WATER PUMPS

1992-04-10

*BT1 solar equipment
 *BT1 water pumps

SOLAR WIND

*BT1 solar activity
 *BT1 stellar winds
 RT chapman-ferraro problem
 RT expansion
 RT forbush decrease
 RT geocorona
 RT loss cone
 RT magnetosheath
 RT plasma
 RT radiation pressure
 RT solar corona
 RT solar flares
 RT solar radiation
 RT sun

SOLAR X-RAY BURSTS

*BT1 solar activity
 RT magnetic reconnection
 RT solar flares
 RT solar radiation
 RT sun
 RT x radiation

SOLAS CONVENTION

London Convention on Safety of Life at Sea.

UF *london safety of life at sea convention*

UF *safety of life at sea convention*

UF *sea, safety of life at, convention*

*BT1 multilateral agreements
 RT civil liability
 RT nuclear ships
 RT recommendations
 RT regulations

solder fluxes

INIS: 2000-04-12; ETDE: 1975-08-19

(Prior to October 1981, this was a valid ETDE descriptor.)

USE metallurgical flux

SOLDERED JOINTS

BT1 joints
 RT soldering

SOLDERING

UF *soft soldering*
 *BT1 welding
 RT brazing
 RT soldered joints

soldering fluxes

INIS: 1981-08-06; ETDE: 1981-09-22

USE metallurgical flux

SOLENOIDS

UF *inductors*
 UF *superconducting solenoids*
 *BT1 electric coils
 RT actuators
 RT magnet coils

SOLFATARAS

2000-04-12

Fumaroles, the gases of which are characteristically sulfurous.

BT1 fumaroles

solfrac process

INIS: 2000-04-12; ETDE: 1977-01-28

Combination of chemical explosive fracturing and solvent injection for heavy-oil recovery.

(Prior to January 1995, this was a valid ETDE descriptor.)

USE enhanced recovery
 USE explosive fracturing

SOLID CLUSTERS

UF *clusters (solid)*
 RT solids

SOLID ELECTROLYTE FUEL CELLS

INIS: 1992-05-20; ETDE: 1989-04-12

(Prior to April 1989 this subject was indexed to HIGH-TEMPERATURE FUELS or FUEL CELLS.)

*BT1 fuel cells
 NT1 proton exchange membrane fuel cells
 NT1 solid oxide fuel cells

SOLID ELECTROLYTES

INIS: 1981-10-15; ETDE: 1979-05-09

BT1 electrolytes
 RT electric batteries
 RT fuel cells

SOLID FUELS

1999-05-06

BT1 fuels
 NT1 alloy nuclear fuels
 NT2 uranium-molybdenum fuels
 NT1 briquets
 NT1 dispersion nuclear fuels
 NT1 mixed carbide fuels
 NT1 mixed nitride fuels
 NT1 mixed oxide fuels
 NT1 peat
 NT1 wood fuels
 RT bark
 RT biomass
 RT charcoal
 RT coal
 RT coke
 RT pulverized fuels
 RT wood

SOLID HOMOGENEOUS REACTORS

*BT1 homogeneous reactors
 NT1 acpr reactor
 NT1 aerojet-general nucleonics reactors
 NT2 agn 201 costanza
 NT2 agn-201k reactor
 NT1 akr-1 reactor
 NT1 anex reactor
 NT1 ebor reactor
 NT1 nsrr reactor
 NT1 pebble bed reactors
 NT2 avr reactor
 NT2 thtr-300 reactor
 NT2 vg-400 reactor
 NT2 vgr-50 reactor
 NT1 romashka reactor
 NT1 shca reactor
 NT1 sur-100 series reactor
 NT1 treat reactor
 NT1 triga type reactors
 NT2 afrr reactor
 NT2 atpr reactor
 NT2 colorado triga-mk-3 reactor
 NT2 cornell triga-mk-2 reactor
 NT2 dow triga-mk-1 reactor
 NT2 fir-1 reactor
 NT2 frf-2 reactor
 NT2 frm reactor
 NT2 gulf triga-mk-3 reactor
 NT2 itu-trr reactor
 NT2 kartini-ppny reactor
 NT2 lopra reactor
 NT2 ma-r1 reactor
 NT2 nscr reactor
 NT2 ostr reactor
 NT2 prpr reactor
 NT2 psbr reactor
 NT2 rtp reactor
 NT2 trico ii reactor
 NT2 trico reactor
 NT2 triga-1-arizona reactor

NT2 triga-1-california reactor
 NT2 triga-1-hanford reactor
 NT2 triga-1-hanover reactor
 NT2 triga-1-heidelberg reactor
 NT2 triga-1-michigan reactor
 NT2 triga-2-bandung reactor
 NT2 triga-2-bangladesh reactor
 NT2 triga-2-dalat reactor
 NT2 triga-2-illinois reactor
 NT2 triga-2-kansas reactor
 NT2 triga-2-ljubljana reactor
 NT2 triga-2-mainz reactor
 NT2 triga-2-musashi reactor
 NT2 triga-2-pavia reactor
 NT2 triga-2-pitesti reactor
 NT2 triga-2-pitesti-ss-core reactor
 NT2 triga-2 reactor
 NT2 triga-2-rikkyo reactor
 NT2 triga-2-rome reactor
 NT2 triga-2-seoul reactor
 NT2 triga-2-vienna reactor
 NT2 triga-3-la jolla reactor
 NT2 triga-3-munich reactor
 NT2 triga-3-salazar reactor
 NT2 triga-3-seoul reactor
 NT2 triga-brazil reactor
 NT2 triga-texas reactor
 NT2 triga-veterans reactor
 NT2 ucbr reactor
 NT2 uwnr reactor
 NT2 wsur reactor

SOLID LUBRICANTS

BT1 lubricants
 RT graphite

solid moderated reactor

2000-04-12

SEE graphite moderated reactors

SOLID OXIDE FUEL CELLS

INIS: 2000-04-12; ETDE: 1999-09-09

UF sofc
 *BT1 high-temperature fuel cells
 *BT1 solid electrolyte fuel cells

SOLID SCINTILLATION DETECTORS

*BT1 scintillation counters
 NT1 bgo detectors
 NT1 nai detectors
 NT1 plastic scintillation detectors
 RT glass scintillators
 RT inorganic phosphors
 RT organic crystal phosphors

SOLID SOLUTIONS

*BT1 solutions
 RT alloys
 RT austenite
 RT ferrite
 RT phase diagrams
 RT solids
 RT superlattices

SOLID STATE LASERS

1997-06-05

BT1 lasers
 NT1 diode-pumped solid state lasers
 NT1 neodymium lasers
 NT1 ruby lasers
 NT1 semiconductor lasers
 RT us national ignition facility

SOLID STATE PHYSICS

INIS: 1976-08-17; ETDE: 1976-02-19

Use only for articles of a very broad nature such as an annual research program, etc.

BT1 physics
 RT crystal structure
 RT vortex theory

SOLID-STATE PLASMA

1999-10-07

UF electron-hole plasma
 BT1 plasma
 NT1 electron-hole droplets
 RT electron gas
 RT plasmons

SOLID WASTES

UF refuse
 SF emissions (industrial)
 BT1 wastes
 NT1 mineral wastes
 NT2 culm
 NT1 scrap
 NT2 scrap metals
 NT1 spoil banks
 NT1 tailings
 NT2 mill tailings
 NT2 oil sand tailings
 NT1 waste pellets
 NT1 wood wastes
 RT ashes
 RT biological wastes
 RT calcined wastes
 RT combustion products
 RT dredge spoil
 RT emissions tax
 RT fly ash
 RT ground disposal
 RT industrial wastes
 RT landgard pyrolysis system
 RT municipal wastes
 RT organic wastes
 RT purox pyrolysis process
 RT refuse derived fuels
 RT spent shales
 RT waste disposal
 RT waste disposal acts
 RT waste forms

SOLIDIFICATION

UF fixation (waste treatment)
 SF immobilization (wastes)
 BT1 phase transformations
 RT castings
 RT ceramic melters
 RT crystallization
 RT freezing
 RT frost
 RT harvest process
 RT melting
 RT segregation
 RT solids
 RT supercooling
 RT vitrification
 RT waste processing

SOLIDS

RT crystals
 RT dispersions
 RT glass
 RT microstructure
 RT nanostructures
 RT phase diagrams
 RT solid clusters
 RT solid solutions
 RT solidification
 RT structure factors

SOLIDS FLOW

INIS: 2000-05-19; ETDE: 1985-04-09

BT1 fluid flow
 RT hydraulics
 RT materials handling

SOLINOX PROCESS

INIS: 2000-04-12; ETDE: 1985-12-13

*BT1 desulfurization
 RT denitrification

SOLITONS

Stable, shape preserving and localized solutions of nonlinear classical field equations of recent interest as possible models of extended elementary particles.

UF skyrmions
 BT1 quasi particles
 RT baecklund transformation
 RT extended particle model
 RT field equations
 RT instantons
 RT phonons
 RT shock waves
 RT vortex theory

SOLOMON ISLANDS

2018-06-27

BT1 developing countries
 BT1 islands
 BT1 oceania

SOLS

*BT1 colloids
 NT1 aerosols
 NT2 radioactive aerosols
 NT2 smokes
 NT3 tobacco smokes
 RT solutions

SOLUBILITY

UF miscibility
 RT crystallization
 RT dissolution
 RT leaching
 RT mixing
 RT precipitation
 RT saturation
 RT solutes
 RT solutions
 RT solvent properties
 RT solvents
 RT supersaturation

SOLUBLE POISONS

*BT1 nuclear poisons
 RT fluid poison control
 RT scram

SOLUTES

INIS: 1986-05-23; ETDE: 1982-03-10

UF dissolved materials
 UF dissolved solids
 NT1 dissolved gases
 RT additives
 RT dissolution
 RT solubility
 RT solutions
 RT solvents

SOLUTION HEAT

UF heat of solution
 *BT1 enthalpy
 RT mixing heat

SOLUTION MINING

INIS: 1976-07-16; ETDE: 1976-02-19

*BT1 in-situ processing
 BT1 mining
 RT leaching
 RT solvent extraction
 RT uranium ores

SOLUTIONS

1999-10-11

For chemical solutions only. For mathematics see the word block of MATHEMATICAL SOLUTIONS.

*BT1 homogeneous mixtures
 NT1 aqueous solutions
 NT1 fuel solutions
 NT1 hypertonic solutions

NT1 isotonic solutions
NT1 leachates
NT1 process solutions
NT1 solid solutions
 RT brines
 RT buffers
 RT dilution
 RT dissolution
 RT organic solvents
 RT saturation
 RT sols
 RT solubility
 RT solutes
 RT solvents
 RT supersaturation

solvation

USE solvation

SOLVATED ELECTRONS

UF hydrated electrons
 *BT1 electrons
 RT solvation

SOLVATION

The chemical union of a dissolved substance and its dissolving liquid.

UF solvation
NT1 hydration
 RT nonaqueous solvents
 RT solvated electrons

SOLVENT EXTRACTION

1996-07-18

UF cosorb process
 UF extraction (solvent)
 UF liquid-liquid extraction
 SF arco process
 *BT1 extraction
NT1 phenosolvan process
NT1 supercritical gas extraction
 RT amex process
 RT civex process
 RT cmpo
 RT counter current
 RT crown ethers
 RT csrex process
 RT dapex process
 RT diamex process
 RT dissolution
 RT distribution functions
 RT entrainment
 RT eurex process
 RT extraction apparatuses
 RT hydrometallurgy
 RT leachates
 RT leaching
 RT partition
 RT podbielniak contactors
 RT purex process
 RT redox process
 RT reprocessing
 RT salting-out agents
 RT solution mining
 RT solvent properties
 RT talspeak process
 RT thorex process
 RT tramex process
 RT truex process
 RT zirflex process

SOLVENT PROPERTIES

1994-06-27

RT dissolution
 RT solubility
 RT solvent extraction
 RT solvents

SOLVENT-REFINED COAL

2000-04-12

*BT1 alternative fuels

RT coal
 RT coal preparation plants
 RT lc-fining
 RT src process

solvent-refined coal process

2000-04-12

USE src process

solvent-refining coal plants

INIS: 2000-03-29; ETDE: 1979-05-31

SEE coal preparation plants
 SEE src process

SOLVENTS

UF diluents
 UF polar solvents
NT1 mixed solvents
NT1 nonaqueous solvents
NT2 organic solvents
NT3 cellosolves
NT3 solvesso
NT3 turpentine
 RT dissolution
 RT solubility
 RT solutes
 RT solutions
 RT solvent properties

SOLVESSO

*BT1 organic solvents
 RT aromatics

SOLVOLYSIS

*BT1 decomposition
NT1 acetolysis
NT1 ammonolysis
NT1 hydrolysis
NT2 acid hydrolysis
NT2 alkaline hydrolysis
NT2 autohydrolysis
NT2 enzymatic hydrolysis
NT2 saccharification
NT2 saponification

SOMALIA

BT1 africa
 BT1 arab countries
 BT1 developing countries

SOMATIC CELLS

BT1 animal cells
NT1 cho cells
NT1 connective tissue cells
NT2 bone cells
NT2 bone marrow cells
NT2 fat cells
NT2 fibroblasts
NT2 lymphocytes
NT2 macrophages
NT2 mast cells
NT2 plasma cells
NT1 crypt cells
NT1 liver cells
NT1 nerve cells
NT1 phagocytes
NT2 macrophages
NT1 respiratory tract cells
NT1 spleen cells
NT1 stem cells
NT1 thymocytes
NT1 thymus cells
NT1 thyroid cells

SOMATIC MUTATIONS

BT1 mutations

SOMATICALLY SIGNIFICANT DOSE

INIS: 1976-01-28; ETDE: 1990-11-26

*BT1 radiation doses
 RT radiation hazards

SOMATOSTATIN

INIS: 1980-05-14; ETDE: 1979-02-05

UF growth hormone-release inhibiting factor
 UF somatotropin release inhibiting factor
 RT hormones
 RT polypeptides
 RT sth

somatotropic hormone

USE sth

somatotropin release inhibiting factor

INIS: 1993-11-09; ETDE: 1979-02-05

USE somatostatin

SOMMERFELD CONSTANT

UF sommerfeld fine structure constant
 BT1 dimensionless numbers
 RT fine structure

sommerfeld fine structure constant

USE sommerfeld constant

sommerfeld integrals

INIS: 2000-04-12; ETDE: 1975-10-01

In addition to the descriptor below, use ANTENNAS if relevant.

(Prior to May 1996 this was a valid ETDE descriptor.)

USE integrals

SOMMERFELD-WATSON THEORY

UF watson method
 RT quantum mechanics

SONAR

INIS: 1994-07-01; ETDE: 1976-11-01

(Until June 1994 this concept was indexed to RANGE FINDERS.)

UF sound navigation and ranging
 *BT1 range finders
 RT electrical equipment
 RT electronic equipment
 RT frequency range
 RT sound waves

sondes

INIS: 2000-04-12; ETDE: 1978-05-03

USE probes

SONIC LOGGING

INIS: 1984-04-04; ETDE: 1976-06-07

BT1 well logging
 RT acoustic measurements
 RT acoustic monitoring
 RT seismic sources
 RT sonic probes

sonic measurements

INIS: 1991-09-18; ETDE: 1976-07-07

USE acoustic measurements

SONIC PROBES

INIS: 1975-08-22; ETDE: 1975-10-01

BT1 probes
 RT acoustic measurements
 RT ion acoustic waves
 RT plasma diagnostics
 RT sonic logging

SONIC SPARK CHAMBERS

UF acoustic spark chambers
 *BT1 filmless spark chambers

SOOT

INIS: 2000-04-05; ETDE: 1976-07-07

BT1 combustion products
 BT1 particles
 *BT1 particulates
 RT air pollution

RT carbon compounds
RT coal
RT smokes

SORA REACTOR

*BT1 fast reactors
*BT1 pulsed reactors
*BT1 research reactors
RT neutron sources

SORBENT INJECTION PROCESSES

INIS: 1992-07-20; ETDE: 1990-03-30
*BT1 desulfurization
RT adsorbents

SORBENT RECOVERY SYSTEMS

INIS: 1992-03-09; ETDE: 1978-01-23
Recovery using sorptive materials.
RT adsorbents
RT oil spills
RT sorption
RT water pollution control

SORBIC ACID

*BT1 monocarboxylic acids

SORBITOL

*BT1 diuretics
*BT1 monosaccharides
RT sorbose

SORBOSE

*BT1 hexoses
*BT1 ketones
RT sorbitol

SOREQ NUCLEAR RESEARCH CENTER

INIS: 1979-12-20; ETDE: 1979-11-23
*BT1 israel atomic energy commission

SORGHUM

*BT1 cereals

SORPTION

INIS: 1992-03-10; ETDE: 1976-08-25
NT1 absorption
NT2 energy absorption
NT2 intestinal absorption
NT2 k absorption
NT2 polar-cap absorption
NT2 resonance absorption
NT2 root absorption
NT2 self-absorption
NT2 skin absorption
NT1 adsorption
NT1 chemisorption
NT1 desorption
RT sorbent recovery systems
RT sorptive properties

SORPTIVE PROPERTIES

1992-02-23
UF adsorptive properties
BT1 surface properties
RT absorbents
RT adsorbents
RT adsorption
RT bioadsorbents
RT sorption

SORTING

INIS: 1986-04-04; ETDE: 1975-10-01
NT1 radiometric sorting
RT classification
RT concentrators
RT filters
RT jigs
RT particle size classifiers
RT screening
RT screens
RT separation processes

soulaines plant

INIS: 1993-04-19; ETDE: 2002-06-13
USE aube plant

SOULTZ-SOUS-FORETS GEOTHERMAL FIELD

2005-02-21
Bas-Rhin, France.
BT1 geothermal fields
RT france

sound

USE sound waves

sound navigation and ranging

INIS: 1994-07-01; ETDE: 1976-11-02
USE sonar

SOUND WAVES

1997-04-30
See also FOURTH SOUND, SECOND SOUND, and THIRD SOUND.
UF first sound
UF sound
NT1 ultrasonic waves
RT acoustic agglomerators
RT acoustic detection
RT acoustic esr
RT acoustic measurements
RT acoustic monitoring
RT acoustic nmr
RT acoustic radar
RT acoustics
RT fifth sound
RT fourth sound
RT frequency mixing
RT harmonic generation
RT ion acoustic waves
RT magnetoacoustics
RT second sound
RT seismic sources
RT signal distortion
RT sonar
RT speech
RT speech synthesizers
RT third sound
RT zero sound

soundproofing

1995-07-03
USE acoustic insulation

sour crude oil

INIS: 1993-03-23; ETDE: 1993-04-16
USE sour crudes

SOUR CRUDES

INIS: 1993-03-23; ETDE: 1976-03-11
Crude oils containing an abnormally large amount of sulfur and sulfur compounds.
UF high-sulfur crude oil
UF sour crude oil
*BT1 petroleum
RT hydrogen sulfides
RT sulfur

SOURCE ROCKS

INIS: 2000-04-12; ETDE: 1981-11-10
RT reservoir rock
RT rocks

SOURCE TERMS

INIS: 1985-11-19; ETDE: 1985-12-13
Activities and amounts of the different radionuclides per unit time leaving a nuclear installation or facility and entering the environment, as during a severe reactor accident.
RT containment
RT fission product release
RT fission products

RT meltdown
RT radiation doses
RT reactor accidents
RT risk assessment

SOUTH AFRICA

BT1 africa
BT1 developed countries
NT1 transvaal
RT namibia

south africa nac cyclotron

INIS: 1983-06-01; ETDE: 2002-06-13
USE nac cyclotron

SOUTH AFRICAN ORGANIZATIONS

INIS: 1987-05-26; ETDE: 1976-04-19
BT1 national organizations

SOUTH ALLIGATOR DEPOSIT

INIS: 1978-07-03; ETDE: 1978-08-07
*BT1 uranium deposits
RT northern territory
RT uranium ores

SOUTH AMERICA

BT1 latin america
NT1 argentina
NT2 mendoza
NT1 bolivia
NT2 chacaltaya
NT1 brazil
NT1 chile
NT1 colombia
NT1 ecuador
NT1 french guiana
NT1 guyana
NT1 paraguay
NT1 peru
NT1 surinam
NT1 uruguay
NT1 venezuela

south american fruit fly

INIS: 1999-02-19; ETDE: 1999-11-18
USE anastrepha

SOUTH ATLANTIC BIGHT

INIS: 2000-04-12; ETDE: 1980-08-12
The portion of the Atlantic Ocean overlying the continental shelf off North Carolina, South Carolina, Georgia, and Florida.
*BT1 atlantic ocean
RT coastal waters
RT continental shelf
RT mid-atlantic bight
RT onslow bay

SOUTH AUSTRALIA

*BT1 australia
RT olympic dam mine
RT roxby downs deposit

SOUTH CAROLINA

1997-06-19
*BT1 usa
RT santee river
RT savannah river
RT savannah river plant
RT us east coast

south china sea

INIS: 1992-01-16; ETDE: 1981-03-16
USE china sea

SOUTH DAKOTA

*BT1 usa
NT1 table mountain area
RT missouri river
RT williston basin

south haven michigan reactor

ETDE: 2001-01-23

USE palisades-1 reactor

south korea

USE republic of korea

SOUTH TEXAS PROJECT-1 REACTOR

STP Nuclear Operating Co., Bay City, Texas, USA.

*BT1 pwr type reactors

SOUTH TEXAS PROJECT-2 REACTOR

STP Nuclear Operating Co., Bay City, Texas, USA.

*BT1 pwr type reactors

SOUTH UKRAINIAN-1 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20

Ukraine.

*BT1 wwer type reactors

SOUTH UKRAINIAN-2 REACTOR

INIS: 1989-02-24; ETDE: 1988-12-02

Ukraine.

*BT1 wwer type reactors

SOUTH UKRAINIAN-3 REACTOR

INIS: 1990-01-29; ETDE: 1990-02-13

Ukraine.

*BT1 wwer type reactors

south west africa

1994-08-22

(Until August 1994 this was a valid descriptor.)

USE namibia

south yemen

INIS: 2000-04-12; ETDE: 1981-05-18

USE yemen

southeast region

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to June 1982 this was a valid ETDE descriptor.)

USE usa

SOUTHEASTERN POWER ADMINISTRATION

INIS: 2000-04-12; ETDE: 1980-03-29

UF sepa

*BT1 us doe

RT electric power

SOUTHERN HEMISPHERE

INIS: 1999-04-28; ETDE: 1980-09-22

Both for the surface and the celestial hemisphere.

*BT1 earth planet

RT northern hemisphere

southern negros geothermal field

INIS: 1992-06-04; ETDE: 1984-02-23

USE palimpinon geothermal field

SOUTHERN OSCILLATION

INIS: 1992-06-12; ETDE: 1986-02-04

A periodic barometric pressure fluctuation between the Indian Ocean region and the southeast Pacific Ocean.

UF el nino

RT atmospheric circulation

RT atmospheric pressure

RT indian ocean

RT pacific ocean

SOUTHERN RHODESIA

UF rhodesia (southern)

*BT1 zimbabwe

southern yemen

INIS: 2000-04-12; ETDE: 1980-08-12

USE yemen

southwest africa

INIS: 1984-07-20; ETDE: 2002-06-13

USE namibia

southwest experimental fast oxide reactor

1993-11-09

USE sefor reactor

southwest region

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to June 1982 this was a valid ETDE descriptor.)

USE usa

SOUTHWESTERN POWER ADMINISTRATION

INIS: 1992-10-01; ETDE: 1980-03-29

UF swpa

*BT1 us doe

RT electric power

soviet breeder reactor-1

USE sbr-1 reactor

soviet breeder reactor-2

USE sbr-2 reactor

soviet breeder reactor-5

USE sbr-5 reactor

soviet research reactor irt

USE irt reactor

soviet research reactor irt-c

2000-04-12

USE irt-c reactor

soviet research reactor irt-f

2000-04-12

USE irt-f reactor

soviet union

2000-04-12

All the constituents of the former USSR are listed below; use one or more as required. (Prior to September 1997 USSR was used for this concept.)

SEE armenia

SEE azerbaijan

SEE belarus

SEE estonia

SEE kazakhstan

SEE kyrgyzstan

SEE latvia

SEE lithuania

SEE moldova

SEE republic of georgia

SEE russian federation

SEE tajikistan

SEE turkmenistan

SEE ukraine

SEE uzbekistan

SOXAL PROCESS

INIS: 2000-04-12; ETDE: 1986-06-12

A regenerative wet scrubbing process which is based on the use of a high ph sodium solution to remove the sulfur oxides from flue gas.

*BT1 desulfurization

RT waste processing

soy oil

USE soybean oil

SOYBEAN OIL

UF chinese bean oil

UF soja bean oil

UF soy oil

*BT1 triglycerides

*BT1 vegetable oils

soybean plant

USE glycine hispida

SOYBEANS

BT1 seeds

*BT1 vegetables

RT glycine hispida

SP GROUPS

UF symplectic groups

*BT1 lie groups

SP LOGGING

INIS: 2000-06-27; ETDE: 1976-06-07

UF self-potential logging

UF spontaneous potential logging

*BT1 electric logging

SPACE

NT1 annular space

NT2 toroidal configuration

NT1 extracellular space

NT1 intergalactic space

NT1 interplanetary space

NT1 interstellar space

NT1 mathematical space

NT2 anti de sitter space

NT2 banach space

NT3 hilbert space

NT2 de sitter space

NT2 hausdorff space

NT2 minkowski space

NT2 phase space

NT2 riemann space

NT3 euclidean space

RT space flight

RT space vehicles

SPACE CHARGE

UF beam pervance

RT charge distribution

RT electric charges

RT electron tubes

space-charge layer

INIS: 2000-04-12; ETDE: 1980-03-04

USE depletion layer

space cooling

2006-03-31

USE air conditioning

SPACE DEPENDENCE

1999-10-11

The dependence of any quantity or variable on space coordinates.

UF configuration dependence

UF geometric sensitivity

UF position dependence

UF spatial dependence

SF azimuth

RT angular distribution

RT coordinates

RT mathematical space

RT spatial distribution

SPACE FLIGHT

(From October 1980 till March 1997 SPACE TRANSPORT was a valid ETDE descriptor.)

RT apollo project

RT cosmic radiation

RT mars space probes

RT ogo satellites

RT orbiting solar observatories

RT radiation protection

RT reentry

RT rockets

RT satellites

RT solar flares
 RT space
 RT space shuttles
 RT space vehicles
 RT venera space probes
 RT weightlessness

SPACE GROUPS

UF groups (space)
 BT1 symmetry groups
 RT crystal lattices
 RT group theory

SPACE HEATERS

INIS: 1999-03-05; ETDE: 1977-06-21

SF heat emission systems
 *BT1 appliances
 BT1 heaters
 NT1 convectors
 RT space heating

SPACE HEATING

1976-02-11

BT1 heating
 NT1 auxiliary heating
 NT1 baseboard heating
 NT1 geothermal space heating
 NT1 solar space heating
 RT air source heat pumps
 RT airtightness
 RT annual cycle energy system
 RT building technology suite
 RT central heating plants
 RT degree days
 RT district heating
 RT electric heating
 RT fireplaces
 RT ground source heat pumps
 RT heat production
 RT heating systems
 RT oil furnaces
 RT radiant cable heating
 RT space heaters
 RT water source heat pumps
 RT wood burning furnaces

SPACE HVAC SYSTEMS

INIS: 1999-05-26; ETDE: 1980-08-25
 Heating, ventilation, and air conditioning systems.

SF thermally active structural components
 BT1 energy systems
 RT air conditioners
 RT energy management systems
 RT gas heat pumps
 RT heating systems
 RT ventilation systems

space lattices

USE crystal lattices

SPACE POWER REACTORS

UF space power unit reactor
 UF spur reactor
 *BT1 mobile reactors
 *BT1 power reactors
 NT1 snap reactors
 NT2 snap 10 reactor
 NT3 s10fs-1 reactor
 NT3 s10fs-3 reactor
 NT3 s10fs-4 reactor
 NT2 snap 2 reactor
 NT3 s2ds reactor
 NT2 snap 50 reactor
 NT2 snap 8 reactor
 NT3 s8dr reactor
 NT3 s8er reactor
 NT1 space propulsion reactors
 NT2 kiwi reactors
 NT3 kiwi-tnt reactor

NT2 nerva reactor
 NT2 nrx-a1 reactor
 NT2 nrx-a2 reactor
 NT2 nrx-a3 reactor
 NT2 nrx-a4-est reactor
 NT2 nrx-a5 reactor
 NT2 nrx-a6 reactor
 NT2 nrx-a7 reactor
 NT2 pewee-1 reactor
 NT2 pewee-2 reactor
 NT2 pewee-3 reactor
 NT2 pewee-4 reactor
 NT2 phoebus-1a reactor
 NT2 phoebus-1b reactor
 NT2 phoebus-2a reactor
 NT2 rover reactors
 NT2 twmr reactor
 NT2 xe-2 reactor

space power unit reactor

2000-04-12

USE space power reactors

SPACE PROPULSION REACTORS

*BT1 propulsion reactors
 *BT1 space power reactors
 NT1 kiwi reactors
 NT2 kiwi-tnt reactor
 NT1 nerva reactor
 NT1 nrx-a1 reactor
 NT1 nrx-a2 reactor
 NT1 nrx-a3 reactor
 NT1 nrx-a4-est reactor
 NT1 nrx-a5 reactor
 NT1 nrx-a6 reactor
 NT1 nrx-a7 reactor
 NT1 pewee-1 reactor
 NT1 pewee-2 reactor
 NT1 pewee-3 reactor
 NT1 pewee-4 reactor
 NT1 phoebus-1a reactor
 NT1 phoebus-1b reactor
 NT1 phoebus-2a reactor
 NT1 rover reactors
 NT1 twmr reactor
 NT1 xe-2 reactor
 RT fissioning plasma
 RT hydrogen cooled reactors

space reflection

USE p invariance

SPACE SHUTTLES

INIS: 1983-02-04; ETDE: 1979-09-26

BT1 aircraft
 *BT1 space vehicles
 RT space flight

SPACE-TIME

UF spacetime
 NT1 light cone
 RT anti de sitter space
 RT compactification
 RT cosmological constant
 RT cosmology
 RT de sitter space
 RT galilei transformations
 RT inflationary universe
 RT lorentz transformations
 RT mach principle
 RT mathematical space
 RT metrics
 RT relativity theory
 RT twistor theory

SPACE-TIME MODEL

INIS: 1982-12-07; ETDE: 1977-03-04
 Particle-interaction model in which particles at the instant of creation are immature or bare and their maturity rate is enhanced in the

presence of other hadronic matter, as in a nucleus.

*BT1 cluster emission model
 RT hadron reactions

space transport

INIS: 2000-04-12; ETDE: 1980-10-27

Use SPACE FLIGHT and/or SPACE VEHICLES and/or the descriptor below, as appropriate.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE transport

space vehicle components

INIS: 2000-04-12; ETDE: 1976-08-24

Use descriptor for material or component if needed.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE space vehicles

SPACE VEHICLES

1995-09-08

(From January 1975 till March 1997 NOSE CONES was a valid ETDE descriptor; from August 1976 till March 1997 SPACE VEHICLE COMPONENTS was a valid ETDE descriptor; from October 1980 till March 1997 SPACE TRANSPORT was a valid ETDE descriptor.)

UF space vehicle components
 SF nose cones
 BT1 vehicles
 NT1 international space station
 NT1 luna space probes
 NT1 mariner space probes
 NT1 mars space probes
 NT1 mir orbital station
 NT1 pioneer space probes
 NT1 reentry vehicles
 NT1 salyut orbital stations
 NT1 skylab
 NT1 space shuttles
 NT1 vega space probes
 NT1 venera space probes
 NT1 viking space probes
 NT1 voyager space probes
 RT aerospace industry
 RT electronic guidance
 RT ionosondes
 RT launching
 RT navigational instruments
 RT reentry
 RT rockets
 RT satellites
 RT space
 RT space flight
 RT spacecraft power supplies
 RT thrusters

SPACE WEAPONS

INIS: 2000-04-12; ETDE: 1984-11-29

UF anti-missile systems
 UF anti-satellite systems
 RT ballistic missile defense
 RT directed-energy weapons
 RT national defense

SPACECRAFT POWER SUPPLIES

*BT1 power supplies
 RT electric power
 RT radioisotope batteries
 RT space vehicles

SPACERS

RT fins
 RT fuel element clusters
 RT reactor components

spacetime

INIS: 1984-07-20; ETDE: 2002-06-13
USE spacetime

spadns

1996-10-23
Sulphophenyl-naphthalene-sulfonic acid.
(Until October 1996 this was a valid descriptor.)
USE sulfones
USE sulfonic acids

SPAIN

1995-04-03
BT1 developing countries
*BT1 western europe
NT1 canary islands
RT bay of biscay
RT oecd

SPALLATION

High-energy nuclear reaction resulting in the release of numerous nucleons, alpha particles or heavier nuclei as reaction products; not to be used for fission.

BT1 nuclear reactions
RT fission
RT nuclear fireball model
RT nuclear fragmentation
RT nuclear fragments
RT rudstam formula
RT spallation fragments

SPALLATION FRAGMENTS

INIS: 1978-11-24; ETDE: 1978-12-20
UF fragments (spallation)
UF spallation products
BT1 nuclear fragments
RT spallation

spallation neutron source (oak ridge)

2016-06-09
USE oak ridge spallation neutron source

SPALLATION NEUTRON SOURCE FACILITIES

2016-06-09
*BT1 accelerator neutron source facilities
NT1 china spallation neutron source
NT1 european spallation source
NT1 isis spallation neutron source
NT1 kipt neutron source facility
NT1 oak ridge spallation neutron source
NT1 swiss spallation neutron source

spallation products

INIS: 1978-11-24; ETDE: 1978-12-20
USE spallation fragments

spanish jen-1 research reactor

USE jen-1 reactor

spanish jen-2 research reactor

USE jen-2 reactor

SPANISH ORGANIZATIONS

INIS: 1977-04-07; ETDE: 1977-06-03
BT1 national organizations

SPARGERS

2000-07-11
Liquid distribution devices consisting of lengths of piping or tubing with holes at spaced intervals along the length.
UF perforated pipe distributors
RT sprays

SPARK CHAMBERS

*BT1 gas track detectors
NT1 filmless spark chambers
NT2 sonic spark chambers
NT2 wire spark chambers

NT1 projection spark chambers
NT1 streamer spark chambers
NT1 wide gap spark chambers
RT digitizers
RT spark counters

SPARK COUNTERS

UF rosenblum counters
*BT1 radiation detectors
RT corona counters
RT spark chambers

SPARK DRILLS

INIS: 2000-04-12; ETDE: 1976-07-07
*BT1 drills
RT drill bits
RT electric sparks
RT rock drilling
RT well drilling

SPARK GAPS

RT breakdown
RT electric discharges
RT electric sparks
RT paschen law

SPARK IGNITION ENGINES

1997-06-19
*BT1 internal combustion engines
NT1 wankel engines
RT automobiles
RT carburetors
RT combustion
RT combustion chambers
RT fuel injection systems
RT gasoline

SPARK MACHINING

BT1 machining

SPARK MASS SPECTROMETERS

*BT1 mass spectrometers

sparks (electric)

USE electric sparks

SPARTICLES

INIS: 1987-12-21; ETDE: 1988-03-16
UF supersymmetric particles
*BT1 postulated particles
NT1 dilatinos
NT1 gluinos
NT1 gravitinos
NT1 higgsinos
NT1 neutralinos
NT1 photinos
NT1 winos
NT1 zinos

spatial dependence

INIS: 2000-04-12; ETDE: 1979-08-07
(Prior to August 1981, this was a valid ETDE descriptor.)
USE space dependence

SPATIAL DISTRIBUTION

Use for the distribution of any property or quantity in space, e.g. density or particle velocity.

UF depth distribution
UF radial distribution
BT1 distribution
NT1 mass distribution
RT angular distribution
RT charge distribution
RT plasma radial profiles
RT space dependence
RT temperature distribution

SPATIAL DOSE DISTRIBUTIONS

UF absorbed fraction (internal irradiation)

UF distribution factor (rad doses)
UF effective energy (internal irradiation)
BT1 radiation dose distributions
NT1 depth dose distributions
RT buildup
RT integral doses
RT irradiation procedures
RT isodose curves
RT local irradiation
RT microdosimetry
RT nonuniform irradiation
RT partial body irradiation

SPATIAL RESOLUTION

BT1 resolution

speakeasy

INIS: 2000-04-12; ETDE: 1980-02-11
(Prior to January 1995, this was a valid ETDE descriptor.)
USE programming languages

SPEAR

Stanford Positron-Electron Asymmetric Ring.
BT1 storage rings

special power excursion reactor-1

1993-11-09
USE spert-1 reactor

special power excursion reactor-2

1993-11-09
USE spert-2 reactor

special power excursion reactor-3

1993-11-09
USE spert-3 reactor

special power excursion reactor-4

1993-11-09
USE spert-4 reactor

SPECIAL PRODUCTION REACTORS

For producing fissile materials such as uranium 233, californium 252, thorium 232, etc. See also PLUTONIUM PRODUCTION REACTORS.

*BT1 production reactors
NT1 c reactor
NT1 k reactor
NT1 l reactor
NT1 p reactor
NT1 r reactor

SPECIAL RELATIVITY THEORY

BT1 relativity theory
RT dirac equation
RT galilei transformations
RT lorentz invariance
RT lorentz transformations
RT massless particles
RT negative mass
RT rest mass

speciation (biological)

INIS: 1987-08-27; ETDE: 2002-06-13
USE biological evolution

speciation (chemical)

INIS: 1987-08-27; ETDE: 2002-06-13
USE chemical state

SPECIES DIVERSITY

INIS: 1991-12-11; ETDE: 1978-01-23
UF biodiversity
RT animals
RT baseline ecology
RT biological extinction
RT ecological balance
RT ecological succession
RT ecology
RT ecosystems

RT plants
RT populations

specific gravity

USE density

SPECIFIC HEAT

UF *heat capacity*
*BT1 thermodynamic properties
NT1 electronic specific heat
NT1 magnetic specific heat
NT1 nuclear specific heat
RT born-von karman theory
RT debye temperature
RT grueneisen constant

SPECIFIC SURFACE AREA

INIS: 1982-09-21; ETDE: 1991-03-08

Surface area per unit weight or volume of a particulate solid.

UF *surface area (specific)*
BT1 physical properties
RT powders

specific volume

USE density

specific weight

USE density

SPECIFICATIONS

UF *design (technical specifications)*
UF *technical specifications*
RT camac system
RT design
RT engineering drawings
RT inspection
RT modifications
RT patents
RT quality control
RT reliability
RT standardization
RT standards

SPECIFICITY

INIS: 1976-01-28; ETDE: 1976-08-24

The qualitative attribute of accurately distinguishing among different materials, properties, radiations, etc. as compared with the quantitative aspect of the threshold for detecting a given material, property, etc.; for which see SENSITIVITY.

RT accuracy
RT sensitivity

specimen holders

INIS: 1976-03-25; ETDE: 1975-11-26

USE sample holders

spect

INIS: 1995-07-20; ETDE: 2002-06-13

USE single photon emission computed tomography

SPECTRA

NT1 absorption spectra
NT1 alpha spectra
NT1 beta spectra
NT1 deuteron spectra
NT1 electron spectra
NT1 emission spectra
NT1 energy spectra
NT1 fission spectra
NT1 gamma spectra
NT1 infrared spectra
NT1 mass spectra
NT1 microwave spectra
NT1 missing-mass spectra
NT1 neutron spectra
NT2 watt fission spectrum
NT1 nmr spectra
NT1 proton spectra

NT1 raman spectra
NT1 ultraviolet spectra
NT2 extreme ultraviolet spectra
NT1 visible spectra
NT1 x-ray spectra
RT balmer lines
RT eddington theory
RT fine structure
RT fraunhofer lines
RT hyperfine structure
RT line broadening
RT line narrowing
RT line widths
RT lyman lines
RT multispectral scanners
RT particle multiplets
RT paschen lines
RT raman effect
RT rydberg-klein-rees method
RT schumann-runge bands
RT spectral response
RT spectral shift

spectra (absorption)

2000-04-12

USE absorption spectra

spectra (fission)

2000-04-12

USE fission spectra

spectra (neutron)

2000-04-12

USE neutron spectra

SPECTRA UNFOLDING

*BT1 data processing
RT neutron spectra

spectral broadening

USE line broadening

SPECTRAL DENSITY

UF *density (spectral)*
*BT1 spectral functions
RT energy spectra

spectral flame radiance

INIS: 2000-04-12; ETDE: 1982-05-12

USE emissivity

SPECTRAL FUNCTIONS

BT1 functions
NT1 spectral density
RT dispersion relations

SPECTRAL HARDENING

UF *hardening (spectral)*
RT neutron spectra

spectral narrowing

INIS: 1976-07-16; ETDE: 1977-06-30

USE line narrowing

SPECTRAL REFLECTANCE

INIS: 1994-07-01; ETDE: 1978-10-25

The radiant reflectance for a specified wavelength of the incident radiant flux. (Until June 1994 this concept was indexed to OPTICAL PROPERTIES.)

UF *reflectance (spectral)*
*BT1 optical properties
RT absorptivity
RT reflectivity
RT spectrally selective surfaces

SPECTRAL RESPONSE

INIS: 1995-04-10; ETDE: 1977-06-24

RT efficiency
RT energy dependence
RT energy spectra
RT performance

RT sensitivity
RT spectra

SPECTRAL SHIFT

UF *isotope shift*
UF *isotopic shift*
NT1 lamb shift
RT chemical shift
RT doppler effect
RT einstein effect
RT knight effect
RT knight shift
RT spectra
RT stark effect
RT zeeman effect

SPECTRAL SHIFT CONTROL

Type of moderator control in which the neutron spectrum is intentionally changed.

*BT1 configuration control

SPECTRALLY SELECTIVE SURFACES

INIS: 2000-04-12; ETDE: 1975-11-11

*BT1 solar equipment
BT1 surfaces
RT black coatings
RT solar absorbers
RT spectral reflectance

spectrochemistry

SEE absorption spectroscopy
SEE emission spectroscopy

SPECTROMETERS

BT1 measuring instruments
NT1 alpha spectrometers
NT1 beta spectrometers
NT1 cosmic ray spectrometers
NT1 electron spectrometers
NT1 electrostatic spectrometers
NT1 epr spectrometers
NT1 fission fragment spectrometers
NT1 fourier transform spectrometers
NT1 gamma spectrometers
NT2 compton spectrometers
NT2 moessbauer spectrometers
NT2 pair spectrometers
NT1 heavy ion spectrometers
NT1 infrared spectrometers
NT2 photoacoustic spectrometers
NT1 magnetic spectrometers
NT2 flat magnetic spectrometers
NT2 magnetic lens spectrometers
NT1 mass spectrometers
NT2 dynamic mass spectrometers
NT3 energy balance mass spectrometers
NT3 time-of-flight mass spectrometers
NT2 spark mass spectrometers
NT2 static mass spectrometers
NT1 missing-mass spectrometers
NT1 multiparticle spectrometers
NT1 neutral particle analyzers
NT1 neutron spectrometers
NT2 bonner sphere spectrometers
NT1 nmr spectrometers
NT1 optical spectrometers
NT1 proton spectrometers
NT1 time-of-flight spectrometers
NT2 time-of-flight mass spectrometers
NT1 ultraviolet spectrometers
NT1 x-ray spectrometers
RT coincidence spectrometry
RT diffraction gratings
RT interferometers
RT monochromators
RT pulse analyzers
RT radiation detection
RT radiation detectors

RT spectrophotometers
RT spectroscopy

spectrometry

INIS: 1975-10-23; ETDE: 2002-06-13

USE spectroscopy

spectrophones

INIS: 1978-02-23; ETDE: 2002-06-13

USE photoacoustic spectrometers

SPECTROPHOTOMETERS

BT1 measuring instruments
RT spectrometers
RT spectrophotometry

SPECTROPHOTOMETRY

RT flame photometry
RT photometry
RT spectrophotometers
RT spectroscopy

SPECTROSCOPIC CURVE OF GROWTH

INIS: 1975-08-27; ETDE: 1976-08-24

UF curve of growth (spectroscopic)

*BT1 optical depth curve

RT absorption spectra

RT cosmic gases

RT line broadening

RT optical properties

RT oscillator strengths

SPECTROSCOPIC FACTORS

BT1 dimensionless numbers
RT nuclear reactions
RT scattering

SPECTROSCOPY

(From March 1983 till March 1997 PHOTO-INDUCED TRANSIENT SPECTROSCOPY was a valid ETDE descriptor.)

UF photo-induced transient spectroscopy

UF pits

UF spectroscopy

NT1 absorption spectroscopy

NT1 alpha spectroscopy

NT1 baryon spectroscopy

NT1 beta spectroscopy

NT1 deep level transient spectroscopy

NT1 electron spectroscopy

NT2 auger electron spectroscopy

NT2 energy-loss spectroscopy

NT2 photoelectron spectroscopy

NT3 x-ray photoelectron spectroscopy

NT1 emission spectroscopy

NT2 fluorescence spectroscopy

NT2 x-ray emission spectroscopy

NT1 gamma spectroscopy

NT1 in-beam spectroscopy

NT1 ion-neutralization spectroscopy

NT1 ion spectroscopy

NT2 ion cyclotron resonance spectroscopy

NT1 laser spectroscopy

NT2 raman spectroscopy

NT1 mass spectroscopy

NT2 icp mass spectroscopy

NT2 resonance ionization mass spectroscopy

NT1 meson spectroscopy

NT1 neutron spectroscopy

NT1 photoacoustic spectroscopy

NT1 positron annihilation spectroscopy

NT1 rutherford backscattering spectroscopy

NT1 thermal desorption spectroscopy

NT1 x-ray spectroscopy

RT flame photometry

RT matrix isolation

RT multispectral photography

RT multispectral scanners
RT photometry
RT post-irradiation examination
RT quantum electronics
RT radiation detection
RT radioassay
RT spectrometers
RT spectrophotometry

SPEECH

2000-04-12

RT communications
RT sound waves
RT speech synthesizers

SPEECH SYNTHESIZERS

INIS: 2000-04-12; ETDE: 1981-07-18

*BT1 electronic equipment

RT acoustics

RT computer codes

RT electronic circuits

RT simulation

RT sound waves

RT speech

speed

INIS: 1984-04-04; ETDE: 2002-06-13

USE velocity

speed indicators

INIS: 1978-11-24; ETDE: 1975-08-19

USE velocimeters

SPEED LIMIT

INIS: 2000-04-12; ETDE: 1977-07-23

RT laws

SPEED REGULATORS

*BT1 control equipment

SPENCER-FANO THEORY

RT neutron slowing-down theory

spending

INIS: 1992-04-09; ETDE: 1981-07-06

USE expenditures

SPENT FUEL CASKS

1994-07-14

(Until July 1994 this concept was indexed by CASKS.)

*BT1 casks

RT spent fuel elements

SPENT FUEL ELEMENTS

UF irradiated fuel elements

*BT1 fuel elements

RT burnup

RT fuel integrity

RT reprocessing

RT spent fuel casks

RT spent fuels

RT wackersdorf reprocessing plant

RT wak

SPENT FUEL STORAGE

1996-04-16

UF fuel cooling installations

UF storage (spent fuel)

BT1 storage

NT1 away-from-reactor storage

NT1 monitored retrievable storage

RT after-heat

RT dry storage

RT fuel cooling time

RT fuel cycle centers

RT fuel integrity

RT fuel racks

RT fuel storage pools

RT nuclear waste policy acts

RT storage facilities

RT us mrs project

RT wet storage

SPENT FUELS

UF irradiated fuels

*BT1 nuclear fuels

RT closed fuel cycle

RT fission products

RT fuel cooling time

RT fuel integrity

RT fuel reprocessing plants

RT monitored retrievable storage

RT nuclear waste policy acts

RT radioactive wastes

RT reactors

RT spent fuel elements

RT storage facilities

RT us mrs project

RT wackersdorf reprocessing plant

RT wak

SPENT LIQUORS

INIS: 1993-02-15; ETDE: 1978-08-07

Liquid effluent from the digestion of wood during pulping.

UF black liquors

UF sulfite waste liquor

*BT1 industrial wastes

*BT1 liquid wastes

RT waste disposal

RT waste product utilization

SPENT SEED

INIS: 2000-04-12; ETDE: 1979-04-11

Restricted to MHD seeds.

RT coal-fired mhd generators

RT plasma seeding

RT seed recovery

SPENT SHALES

1992-04-13

UF retorted shales

RT oil shales

RT portland cement

RT shales

RT solid wastes

sperm

USE spermatozoa

spermatids

USE spermatozoa

SPERMATOCYTES

BT1 germ cells

SPERMATOGENESIS

BT1 gametogenesis

RT reproduction

RT spermatogonia

RT spermatozoa

RT stem cells

RT testes

SPERMATOGENIA

1975-11-07

BT1 germ cells

RT spermatogenesis

RT spermatozoa

SPERMATOZOA

UF sperm

UF spermatids

*BT1 gametes

RT spermatogenesis

RT spermatogonia

SPERMIDINE

*BT1 amines

SPERMINE

UF gerontine

UF musculamine

UF neuridine

*BT1 amines

SPERT-1 REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1964.

UF special power excursion reactor-1

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 water moderated reactors

SPERT-2 REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1965.

UF special power excursion reactor-2

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 heavy water cooled reactors

*BT1 heavy water moderated reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

SPERT-3 REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1968.

UF special power excursion reactor-3

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

SPERT-4 REACTOR

INEEL, Idaho Falls, Idaho, USA. Shut down in 1970.

UF special power excursion reactor-4

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 pool type reactors

*BT1 thermal reactors

sphalerite

2000-04-12

Zinc sulfide, ZnS, a cubic crystal.

(Prior to March 1997 this was a valid ETDE descriptor.)

USE sulfide minerals

sphene

INIS: 1984-04-04; ETDE: 1981-11-24

(This was a valid ETDE descriptor prior to January 1984.)

USE titanite

spher

INIS: 2000-04-12; ETDE: 1981-01-27

USE shell pellet heat exchanger retorting

SPHERATOR

*BT1 internal ring devices

SPHERES

RT geometry

RT shape

spheres (fuel)

2000-04-12

(From January 1975 to February 1997 FUEL SPHERES was a valid ETDE descriptor.)

USE fuel elements

spherical aberrations

INIS: 2000-04-12; ETDE: 1979-07-24

USE geometrical aberrations

SPHERICAL CONFIGURATION

BT1 configuration

SPHERICAL HARMONICS

UF *cn method*

BT1 functions

RT laplace equation

RT mathematics

RT yvon method

SPHERICAL HARMONICS METHOD

*BT1 approximations

NT1 p1-approximation

NT1 p2-approximation

NT1 p3-approximation

RT legendre polynomials

RT marshak boundary conditions

RT neutron transport theory

SPHERICAL MODEL

*BT1 nuclear models

SPHEROIDS

INIS: 1976-02-11; ETDE: 1975-10-01

RT geometry

RT shape

SPHEROMAK DEVICES

INIS: 1981-07-06; ETDE: 1979-10-23

Tokamak with aspect ratio approximately equal to one.

*BT1 tokamak devices

NT1 cdx-u spheromak

NT1 ctx spheromak

NT1 globus-m spheromak

NT1 mast tokamak

NT1 nstx device

NT1 sspcx device

NT1 sunist spheromak

NT1 ts-3 device

SPHINGOMYELINS

*BT1 phospholipids

SPICES

1996-04-26

UF *ginger*

RT capsicum

RT flavor

RT food

RT peppers

spicules

USE solar prominences

SPIDERS

*BT1 arachnids

spikes (thermal)

USE thermal spikes

SPILLWAYS

INIS: 1992-10-05; ETDE: 1994-08-18

(Prior to August 1994 SPILLWAY was a valid ETDE descriptor.)

RT dams

RT hydroelectric power plants

SPIN

BT1 angular momentum

BT1 particle properties

RT chirality

RT heisenberg model

RT helicity

RT high spin states

RT joos-weinberg equation

RT morrison rule

RT orbital angular momentum

RT pauli spin operators

RT quantum numbers

RT schmidt lines

RT schmidt model

RT sherman tables

RT spin exchange

RT spin flip

RT spin-lattice relaxation

RT spin orientation

RT spin-spin relaxation

RT spinors

RT two-component neutrino theory

RT weil equation

SPIN ECHO

RT nuclear magnetic resonance

SPIN EXCHANGE

Not for chemical reactions.

RT exchange interactions

RT spin

SPIN FLIP

RT inelastic scattering

RT nuclear reaction kinetics

RT spin

SPIN GLASS STATE

INIS: 1978-07-03; ETDE: 1977-08-24

A magnetic state in alloys of ferromagnetic material and nonmagnetic material in which the magnetic atoms are frozen into random orientation.

RT ferromagnetic materials

RT magnetism

SPIN-LATTICE RELAXATION

BT1 relaxation

RT nuclear magnetic resonance

RT spin

SPIN NETWORKS

2014-02-26

RT loop quantum gravity

spin-off

2000-04-12

USE technology transfer

SPIN-ON COATING

INIS: 1999-08-19; ETDE: 1979-12-10

*BT1 surface coating

spin-orbit interaction

USE l-s coupling

SPIN ORIENTATION

For the process and condition in quantum physics only; see also POLARIZATION.

BT1 orientation

RT muon spin relaxation

RT nuclear alignment

RT nuclear magnetism

RT particle properties

RT polarization-asymmetry ratio

RT polarized beams

RT polarized targets

RT spin

RT stern-gerlach experiment

spin physics detector

2018-04-20

USE nica spd detector

spin-spin interaction

USE j-j coupling

SPIN-SPIN RELAXATION

BT1 relaxation

RT nuclear magnetic resonance

RT spin

SPIN WAVES

RT magnons

SPINACH

*BT1 magnoliopsida

*BT1 vegetables

SPINAL CORD

*BT1 central nervous system

RT ganglions
 RT myelitis
 RT reflexes
 RT vertebrae

spine

USE vertebrae

SPINELS

*BT1 oxide minerals
 RT aluminium oxides
 RT magnesium oxides
 RT magnetite

SPINOR FIELDS

INIS: 1978-02-23; ETDE: 1978-05-01
 RT quantum field theory

spinor symmetry

1984-12-04
 USE boson-fermion symmetry

SPINORS

NT1 dirac spinors
 NT1 majorana spinors
 NT1 majorana-weyl spinors
 NT1 weyl spinors
 RT clifford algebra
 RT quantum field theory
 RT spin
 RT superoperators
 RT superstring theory
 RT supersymmetry
 RT vectors

SPIPERONE

INIS: 1994-07-20; ETDE: 1987-04-24
 *BT1 autonomic nervous system agents
 RT dopamine

SPIRAL CONFIGURATION

BT1 configuration

spiral orbit spectrometers

USE flat magnetic spectrometers

SPIRAL READER DIGITIZERS

*BT1 digitizers

SPIROCHAETES

*BT1 bacteria
 RT syphilis

spitzer self-collision time

ETDE: 2002-06-13
 USE spitzer theory

spitzer self-collision time theory

2000-04-12
 USE spitzer theory

SPITZER THEORY

UF spitzer self-collision time
 UF spitzer self-collision time theory
 UF spitzer value
 *BT1 charged-particle transport theory
 RT plasma

spitzer value

USE spitzer theory

SPLAT COOLING

BT1 cooling
 RT quench hardening

SPLEEN

*BT1 organs
 RT abdomen
 RT blood circulation
 RT blood formation
 RT immune system diseases
 RT lymphatic system
 RT macrophages
 RT peritoneum

RT reticuloendothelial system
 RT spleen cells
 RT spleen colony formation
 RT splenectomy
 RT splenomegaly

SPLEEN CELLS

*BT1 somatic cells
 RT spleen

SPLEEN COLONY FORMATION

BT1 colony formation
 RT blood formation
 RT chimeras
 RT colony forming units
 RT radiation chimeras
 RT spleen

SPLENECTOMY

*BT1 surgery
 RT lymphatic system
 RT spleen

SPLENOMEGALY

BT1 pathological changes
 BT1 symptoms
 RT hemic diseases
 RT leukemia
 RT spleen

SPLICING

INIS: 1995-06-09; ETDE: 1994-02-25
The process by which introns are removed from gene transcripts to form mature messenger RNA molecules.

BT1 rna processing
 RT exons
 RT gene regulation
 RT introns
 RT nucleoproteins
 RT rna

SPLINE FUNCTIONS

INIS: 1978-09-28; ETDE: 1978-10-19
 BT1 functions
 RT interpolation
 RT mathematics
 RT polynomials
 RT series expansion

split dose irradiation

USE fractionated irradiation

SPLIT-RING RESONATORS

2014-10-28
Artificially engineered structures that deliver strong magnetic coupling for metamaterials.
 *BT1 resonators
 RT metamaterials

SPLIT TABLE REACTOR

INEEL, Idaho Falls, Idaho, USA.
 UF str reactor (split table)
 *BT1 zero power reactors

SPOIL BANKS

INIS: 1992-09-01; ETDE: 1976-03-22
Banks of disturbed earth, mine wastes, tailings.
 *BT1 solid wastes
 RT acid mine drainage
 RT dredge spoil
 RT land reclamation
 RT mineral wastes

SPONDYLITIS

UF ankylosing spondylitis
 *BT1 rheumatic diseases
 *BT1 skeletal diseases
 RT vertebrae

SPONTANEOUS COMBUSTION

INIS: 2000-07-11; ETDE: 1975-08-19
 *BT1 combustion
 RT autoignition
 RT explosions
 RT fire hazards
 RT fire prevention
 RT fires

spontaneous emission (cooperative)

INIS: 1993-11-09; ETDE: 2002-06-13
 USE superradiance

SPONTANEOUS FISSION

*BT1 fission
 *BT1 nuclear decay
 RT fission isomers
 RT oklo phenomenon
 RT spontaneous fission radioisotopes

SPONTANEOUS FISSION RADIOISOTOPES

INIS: 1986-06-09; ETDE: 1991-07-25
 *BT1 radioisotopes
 NT1 americium 237
 NT1 americium 238
 NT1 americium 239
 NT1 americium 240
 NT1 americium 241
 NT1 americium 242
 NT1 americium 243
 NT1 americium 244
 NT1 americium 245
 NT1 americium 246
 NT1 berkelium 242
 NT1 berkelium 243
 NT1 berkelium 244
 NT1 berkelium 245
 NT1 berkelium 249
 NT1 bohrium 261
 NT1 bohrium 262
 NT1 californium 237
 NT1 californium 246
 NT1 californium 248
 NT1 californium 249
 NT1 californium 250
 NT1 californium 252
 NT1 californium 254
 NT1 californium 256
 NT1 copernicium 282
 NT1 copernicium 283
 NT1 copernicium 284
 NT1 curium 240
 NT1 curium 241
 NT1 curium 242
 NT1 curium 243
 NT1 curium 244
 NT1 curium 245
 NT1 curium 246
 NT1 curium 248
 NT1 curium 250
 NT1 darmstadtium 272
 NT1 darmstadtium 279
 NT1 darmstadtium 281
 NT1 dubnium 255
 NT1 dubnium 256
 NT1 dubnium 257
 NT1 dubnium 258
 NT1 dubnium 259
 NT1 dubnium 260
 NT1 dubnium 261
 NT1 dubnium 262
 NT1 dubnium 263
 NT1 dubnium 267
 NT1 dubnium 268
 NT1 einsteinium 253
 NT1 einsteinium 254
 NT1 einsteinium 255
 NT1 einsteinium 257
 NT1 fermium 241

NT1 fermium 242
NT1 fermium 244
NT1 fermium 246
NT1 fermium 248
NT1 fermium 250
NT1 fermium 252
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NT1 fermium 256
NT1 fermium 257
NT1 fermium 258
NT1 fermium 259
NT1 fermium 260
NT1 fermium 264
NT1 flerovium 286
NT1 hassium 264
NT1 hassium 265
NT1 meitnerium 266
NT1 mendelevium 245
NT1 mendelevium 246
NT1 mendelevium 259
NT1 neptunium 237
NT1 nobelium 250
NT1 nobelium 252
NT1 nobelium 254
NT1 nobelium 256
NT1 nobelium 258
NT1 plutonium 235
NT1 plutonium 236
NT1 plutonium 237
NT1 plutonium 238
NT1 plutonium 239
NT1 plutonium 240
NT1 plutonium 241
NT1 plutonium 242
NT1 plutonium 243
NT1 plutonium 244
NT1 rutherfordium 253
NT1 rutherfordium 254
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NT1 rutherfordium 262
NT1 rutherfordium 263
NT1 rutherfordium 267
NT1 seaborgium 258
NT1 seaborgium 259
NT1 seaborgium 260
NT1 seaborgium 261
NT1 seaborgium 262
NT1 seaborgium 263
NT1 seaborgium 264
NT1 seaborgium 265
NT1 seaborgium 266
NT1 seaborgium 268
NT1 seaborgium 270
NT1 seaborgium 271
NT1 seaborgium 272
NT1 seaborgium 273
NT1 thorium 230
NT1 thorium 232
NT1 uranium 232
NT1 uranium 233
NT1 uranium 234
NT1 uranium 235
NT1 uranium 236
NT1 uranium 238
RT spontaneous fission

SPONTANEOUS MUTATIONS

INIS: 1978-02-23; ETDE: 1978-05-01
UF natural mutations
BT1 mutations

spontaneous potential logging

INIS: 2000-04-12; ETDE: 1976-06-07
USE sp logging

SPORADIC E

***BT1** e region

SPORES

NT1 bacterial spores
NT1 conidia
NT1 microspores
RT fungi
RT reproduction

SPOROZOA

INIS: 1993-07-19; ETDE: 1981-06-17
BT1 parasites
***BT1** protozoa
NT1 babesidae
NT1 plasmodium

SPORT FACILITIES

2004-09-14
UF facilities (sport)
RT buildings
RT recreational areas

SPOT MARKET

INIS: 1992-01-29; ETDE: 1979-12-10
UF rotterdam spot market
BT1 market
RT economics
RT prices
RT supply and demand

spot welding

INIS: 1976-03-17; ETDE: 2002-06-13
USE welding

spot welds

INIS: 1976-03-17; ETDE: 2002-06-13
USE welded joints

SPR-2 REACTOR

Sandia Laboratories, Albuquerque, New Mexico, USA.
UF sandia pulsed reactor-ii
UF spr-ii reactor
***BT1** pulsed reactors
***BT1** research reactors
***BT1** thermal reactors

SPR-3 REACTOR

Sandia Laboratories, Albuquerque, New Mexico, USA.
UF sandia pulsed reactor-iii
UF spr-iii reactor
***BT1** pulsed reactors
***BT1** research reactors

SPR-4 REACTOR

INIS: 1984-06-21; ETDE: 1982-08-11
 Sandia Laboratories, Albuquerque, New Mexico, USA.
UF sandia pulse reactor-4
UF sandia pulsed reactor-iv
UF spr-iv reactor
***BT1** pulsed reactors
***BT1** research reactors

spr iae

2018-06-04
USE spr iae reactor

SPR IAE REACTOR

2018-06-04
 Beijing, Fangshang district, China.
UF spr iae
***BT1** pool type reactors
***BT1** research reactors

spr-ii reactor

USE spr-2 reactor

spr-iii reactor

INIS: 1984-06-21; ETDE: 2002-06-13
USE spr-3 reactor

spr-iv reactor

INIS: 1984-06-21; ETDE: 2002-06-13
USE spr-4 reactor

SPRAY COATING

UF metal spraying
***BT1** surface coating
NT1 flame spraying
NT1 plasma arc spraying
RT sprayed coatings

SPRAY COOLING

INIS: 1976-07-30; ETDE: 1976-11-01
BT1 cooling
RT droplets
RT fog cooling
RT sprays

SPRAY DRYING

BT1 drying
RT dry scrubbers
RT evaporation

spray ponds

1992-06-05
USE cooling ponds
USE sprays

spray systems (containment)

USE containment spray systems

SPRAYED COATINGS

BT1 coatings
RT spray coating

SPRAYS

UF fog (sprays)
UF spray ponds
RT atomization
RT dispersions
RT droplets
RT scrubbers
RT scrubbing
RT spargers
RT spray cooling
RT washout

SPREAD F

***BT1** f region

SPRING-8 STORAGE RING

INIS: 1990-09-24; ETDE: 1990-10-09
BT1 storage rings
***BT1** synchrotron radiation sources

SPRINGS

Mechanical springs only.
BT1 machine parts
RT mechanical vibrations
RT torsion

springs (water)

INIS: 2000-04-12; ETDE: 1980-06-06
USE water springs

SPROUT INHIBITION

BT1 inhibition
RT garlic
RT onions
RT potatoes
RT storage life

SPROUTING

RT plant growth
RT plants
RT vernalization

SPRR-300 REACTOR

2018-06-04

Chengdu, Sichuan Province, China.

*BT1 pool type reactors

*BT1 research reactors

SPRUCES

INIS: 1991-12-13; ETDE: 1983-03-23

*BT1 conifers

*BT1 trees

spur reactor

2000-04-12

Space Power Unit Reactor, 300 kw.

USE space power reactors

SPURIONS

*BT1 postulated particles

*BT1 strange particles

RT selection rules

SPUTTER-ION PUMPS

*BT1 vacuum pumps

RT getters

RT penning discharges

RT philips gages

RT sputtering

SPUTTERING

NT1 cathode sputtering

NT1 neutron sputtering

RT arc welding

RT deposition

RT ion beams

RT sputter-ion pumps

RT vacuum coating

RT vapor deposited coatings

SQUALANE

*BT1 alkanes

SQUALENE

*BT1 polyenes

*BT1 terpenes

SQUARE CONFIGURATION

*BT1 rectangular configuration

square-wave generators

USE function generators

SQUARE-WELL POTENTIAL

*BT1 nuclear potential

SQUARYLIUM DYES

INIS: 2000-04-12; ETDE: 1979-05-03

BT1 dyes

RT aromatics

RT heterocyclic compounds

RT organic nitrogen compounds

SQUID DEVICES

Superconducting Quantum Interference Devices.

UF superconducting quantum interference devices

*BT1 fluxmeters

*BT1 microwave equipment

BT1 superconducting devices

RT interferometers

RT rf systems

RT superconductors

SQUIRRELS

1996-11-13

*BT1 rodents

sr-0f reactor

2000-04-12

(Prior to June 1991 this was a valid ETDE descriptor.)

USE zero power reactors

SR-1 REACTOR

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

SR-305 REACTOR

Savannah River Plant, Aiken, South Carolina, USA. Shut down in 1981.

UF savannah river test pile-305

*BT1 graphite moderated reactors

*BT1 production reactors

*BT1 thermal reactors

SR-3P REACTOR

ETDE: 1975-09-11

*BT1 thermal reactors

*BT1 training reactors

*BT1 water cooled reactors

SR-OA REACTOR

Skoda National Corporations, Plzen, Czech Republic. Decommissioned since 1997.

UF skoda (plzen) reactor

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

*BT1 zero power reactors

sr-ob reactor

USE subcritical assemblies

SRC-II PROCESS

INIS: 2000-04-12; ETDE: 1977-08-24

Modified SRC process with higher field of liquid and gaseous products which are recovered by vacuum distillation.

*BT1 coal liquefaction

RT src process

SRC PROCESS

2000-04-04

UF pittsburg-midway solvent refined coal process

UF solvent-refined coal process

SF solvent-refining coal plants

RT solvent-refined coal

RT src-ii process

src slowpoke

2018-05-30

USE slowpoke src reactor

SRE REACTOR

Rockwell International, Santa Susana, California, USA.

UF sodium reactor experiment

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 power reactors

*BT1 sgr type reactors

*BT1 thermal reactors

*BT1 thorium reactors

SRI LANKA

UF ceylon

BT1 asia

BT1 developing countries

BT1 islands

RT indian ocean

sriracha reactor

INIS: 1985-03-15; ETDE: 1985-04-09

USE ao-phai-1 reactor

srm

INIS: 1984-10-23; ETDE: 1984-11-08

Standard Reference Materials.

USE calibration standards

SRR-1 REACTOR

2004-03-15

Atomic Energy Commission, Damascus, Syria.

UF syrian miniature neutron source reactor

*BT1 mnsr type reactors

SRRC-UTR-100 REACTOR

Scottish Universities Research and Reactor Centre, East Kilbride by Glasgow, United Kingdom. Decommissioned since 2003.

UF glasgow utr-100 reactor

UF scottish research reactor center utr-100 reactor

*BT1 argonaut type reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 training reactors

SSDL

INIS: 1980-07-24; ETDE: 1980-08-12

Secondary Standard Dosimetry Laboratories.

UF secondary standard dosimetry laboratories

RT calibration standards

RT dosimetry

SSPX DEVICE

INIS: 1999-07-26; ETDE: 1999-09-03

Sustained Spheromak Physics Experiment, Lawrence Livermore National Laboratory, USA.

*BT1 spheromak devices

ST LAWRENCE RIVER

INIS: 1976-07-06; ETDE: 1976-08-25

UF saint lawrence river

*BT1 rivers

RT new york

RT ontario

RT quebec

st lucie-1 reactor

INIS: 1990-06-25; ETDE: 2002-06-13

USE lucie-1 reactor

st lucie-2 reactor

INIS: 1990-06-25; ETDE: 2002-06-13

USE lucie-2 reactor

ST PETERSBURG INSTITUTE OF NUCLEAR PHYSICS

1997-08-08

Until July 1997 this was known as the LENINGRAD INSTITUTE OF NUCLEAR PHYSICS.

UF leningrad institute of nuclear physics

UF petersburg nuclear physics institute

*BT1 nrc kurchatov institute

ST TOKAMAK

UF tokamak model st

*BT1 tokamak devices

staat amt atomsicherheit und strahlenschutz

INIS: 2000-04-12; ETDE: 1985-08-09

USE bundesamt fuer strahlenschutz

staatliches amt fuer atomsicherheit und strahlenschutz

INIS: 1995-02-20; ETDE: 2002-06-13

USE bundesamt fuer strahlenschutz

STABILITY

NT1 orbit stability

NT1 phase stability
 NT1 reactor stability
 NT1 slope stability
 RT equilibrium
 RT instability
 RT lyapunov method
 RT stabilization
 RT thixotropy

stability (fission reactor)

INIS: 1982-11-29; ETDE: 2002-06-13

USE reactor stability

stability (reactor)

2000-04-12

USE reactor stability

STABILIZATION

1998-10-30

(Until October 1998 this concept was indexed by STABILITY.)

RT inhibition
 RT stability
 RT var control systems

STABILIZED SUPERCONDUCTORS

BT1 superconductors

STABLE ISOTOPES

BT1 isotopes
 NT1 aluminium 27
 NT1 antimony 121
 NT1 antimony 123
 NT1 argon 36
 NT1 argon 38
 NT1 argon 40
 NT1 arsenic 75
 NT1 barium 130
 NT1 barium 132
 NT1 barium 134
 NT1 barium 135
 NT1 barium 136
 NT1 barium 137
 NT1 barium 138
 NT1 beryllium 9
 NT1 bismuth 209
 NT1 boron 10
 NT1 boron 11
 NT1 bromine 79
 NT1 bromine 81
 NT1 cadmium 106
 NT1 cadmium 108
 NT1 cadmium 110
 NT1 cadmium 111
 NT1 cadmium 112
 NT1 cadmium 113
 NT1 cadmium 114
 NT1 cadmium 116
 NT1 calcium 40
 NT1 calcium 42
 NT1 calcium 43
 NT1 calcium 44
 NT1 calcium 46
 NT1 calcium 48
 NT1 carbon 12
 NT1 carbon 13
 NT1 cerium 136
 NT1 cerium 138
 NT1 cerium 140
 NT1 cerium 142
 NT1 cesium 133
 NT1 chlorine 35
 NT1 chlorine 37
 NT1 chromium 50
 NT1 chromium 52
 NT1 chromium 53
 NT1 chromium 54
 NT1 cobalt 59
 NT1 copper 63
 NT1 copper 65

NT1 deuterium
 NT1 dysprosium 156
 NT1 dysprosium 158
 NT1 dysprosium 160
 NT1 dysprosium 161
 NT1 dysprosium 162
 NT1 dysprosium 163
 NT1 dysprosium 164
 NT1 erbium 162
 NT1 erbium 164
 NT1 erbium 166
 NT1 erbium 167
 NT1 erbium 168
 NT1 erbium 170
 NT1 europium 151
 NT1 europium 153
 NT1 fluorine 19
 NT1 gadolinium 154
 NT1 gadolinium 155
 NT1 gadolinium 156
 NT1 gadolinium 157
 NT1 gadolinium 158
 NT1 gadolinium 160
 NT1 gallium 69
 NT1 gallium 71
 NT1 germanium 70
 NT1 germanium 72
 NT1 germanium 73
 NT1 germanium 74
 NT1 germanium 76
 NT1 gold 197
 NT1 hafnium 176
 NT1 hafnium 177
 NT1 hafnium 178
 NT1 hafnium 179
 NT1 hafnium 180
 NT1 helium 3
 NT2 helium 3 a
 NT2 helium 3 a1
 NT2 helium 3 b
 NT1 helium 4
 NT2 helium i
 NT2 helium ii
 NT1 holmium 165
 NT1 hydrogen 1
 NT1 indium 113
 NT1 iodine 127
 NT1 iridium 191
 NT1 iridium 193
 NT1 iron 54
 NT1 iron 56
 NT1 iron 57
 NT1 iron 58
 NT1 krypton 78
 NT1 krypton 80
 NT1 krypton 82
 NT1 krypton 83
 NT1 krypton 84
 NT1 krypton 86
 NT1 lanthanum 139
 NT1 lead 204
 NT1 lead 206
 NT1 lead 207
 NT1 lead 208
 NT1 lithium 6
 NT1 lithium 7
 NT1 lutetium 175
 NT1 magnesium 24
 NT1 magnesium 25
 NT1 magnesium 26
 NT1 manganese 55
 NT1 mercury 196
 NT1 mercury 198
 NT1 mercury 199
 NT1 mercury 200
 NT1 mercury 201
 NT1 mercury 202
 NT1 mercury 204
 NT1 molybdenum 100

NT1 molybdenum 92
 NT1 molybdenum 94
 NT1 molybdenum 95
 NT1 molybdenum 96
 NT1 molybdenum 97
 NT1 molybdenum 98
 NT1 neodymium 142
 NT1 neodymium 143
 NT1 neodymium 145
 NT1 neodymium 146
 NT1 neodymium 148
 NT1 neodymium 150
 NT1 neon 20
 NT1 neon 21
 NT1 neon 22
 NT1 nickel 58
 NT1 nickel 60
 NT1 nickel 61
 NT1 nickel 62
 NT1 nickel 64
 NT1 niobium 93
 NT1 nitrogen 14
 NT1 nitrogen 15
 NT1 osmium 184
 NT1 osmium 186
 NT1 osmium 187
 NT1 osmium 188
 NT1 osmium 189
 NT1 osmium 190
 NT1 osmium 192
 NT1 oxygen 16
 NT1 oxygen 17
 NT1 oxygen 18
 NT1 palladium 102
 NT1 palladium 104
 NT1 palladium 105
 NT1 palladium 106
 NT1 palladium 108
 NT1 palladium 110
 NT1 phosphorus 31
 NT1 platinum 192
 NT1 platinum 194
 NT1 platinum 195
 NT1 platinum 196
 NT1 platinum 198
 NT1 potassium 39
 NT1 potassium 41
 NT1 praseodymium 141
 NT1 rhenium 185
 NT1 rhenium 187
 NT1 rhodium 103
 NT1 rubidium 85
 NT1 ruthenium 100
 NT1 ruthenium 101
 NT1 ruthenium 102
 NT1 ruthenium 104
 NT1 ruthenium 96
 NT1 ruthenium 98
 NT1 ruthenium 99
 NT1 samarium 144
 NT1 samarium 148
 NT1 samarium 149
 NT1 samarium 150
 NT1 samarium 152
 NT1 samarium 154
 NT1 scandium 45
 NT1 selenium 74
 NT1 selenium 76
 NT1 selenium 77
 NT1 selenium 78
 NT1 selenium 80
 NT1 selenium 82
 NT1 silicon 28
 NT1 silicon 29
 NT1 silicon 30
 NT1 silver 107
 NT1 silver 109
 NT1 sodium 23
 NT1 strontium 84

NT1 strontium 86
 NT1 strontium 87
 NT1 strontium 88
 NT1 sulfur 32
 NT1 sulfur 33
 NT1 sulfur 34
 NT1 sulfur 36
 NT1 tantalum 181
 NT1 tellurium 120
 NT1 tellurium 122
 NT1 tellurium 123
 NT1 tellurium 124
 NT1 tellurium 125
 NT1 tellurium 126
 NT1 tellurium 128
 NT1 tellurium 130
 NT1 terbium 159
 NT1 thallium 203
 NT1 thallium 205
 NT1 thulium 169
 NT1 tin 112
 NT1 tin 114
 NT1 tin 115
 NT1 tin 116
 NT1 tin 117
 NT1 tin 118
 NT1 tin 119
 NT1 tin 120
 NT1 tin 122
 NT1 tin 124
 NT1 titanium 46
 NT1 titanium 47
 NT1 titanium 48
 NT1 titanium 49
 NT1 titanium 50
 NT1 tungsten 180
 NT1 tungsten 182
 NT1 tungsten 183
 NT1 tungsten 184
 NT1 tungsten 186
 NT1 vanadium 51
 NT1 xenon 124
 NT1 xenon 126
 NT1 xenon 128
 NT1 xenon 129
 NT1 xenon 130
 NT1 xenon 131
 NT1 xenon 132
 NT1 xenon 134
 NT1 xenon 136
 NT1 ytterbium 168
 NT1 ytterbium 170
 NT1 ytterbium 171
 NT1 ytterbium 172
 NT1 ytterbium 173
 NT1 ytterbium 174
 NT1 ytterbium 176
 NT1 yttrium 89
 NT1 zinc 64
 NT1 zinc 66
 NT1 zinc 67
 NT1 zinc 68
 NT1 zinc 70
 NT1 zirconium 90
 NT1 zirconium 91
 NT1 zirconium 92
 NT1 zirconium 94
 NT1 zirconium 96
 RT carriers
 RT magic nuclei
 RT translocation

STACK DISPOSAL

*BT1 waste disposal
 RT chemical effluents
 RT electrostatic precipitators
 RT gaseous wastes
 RT ground release
 RT plumes

RT pollution control equipment
 RT radioactive effluents
 RT radioactive waste disposal
 RT release limits
 RT stacks

STACKING FAULTS

*BT1 crystal defects
 RT dislocations

STACKS

RT buildings
 RT gaseous wastes
 RT plumes
 RT radioactive clouds
 RT smokes
 RT stack disposal
 RT ventilation

STACY REACTOR

INIS: 2001-09-25; ETDE: 2001-11-30
 JAERI, Tokai, Ibaraki, Japan.
 UF static experiment critical facility
 *BT1 enriched uranium reactors
 *BT1 plutonium reactors
 *BT1 zero power reactors
 RT tracy reactor

STADE REACTOR

Permanent shutdown since 2003.
 UF kernkraftwerk stade
 UF kks reactor
 *BT1 pwr type reactors

STAGED COMBUSTION

INIS: 1992-07-21; ETDE: 1983-07-07
 Combustion in which a fuel-rich stage is followed by an air-rich stage to control NOx emissions.
 *BT1 combustion
 RT air pollution abatement

STAGNATION

RT fluid flow

STAGNATION POINT

INIS: 1993-05-06; ETDE: 1976-09-14
 Point in a field of flow about a body where the fluid particles have zero velocity with respect to the body.
 RT flames
 RT fluid mechanics

STAINLESS STEEL-16-8-2

INIS: 1993-10-03; ETDE: 1975-10-28
 *BT1 steel-cr16ni8mo2

STAINLESS STEEL-17-4PH

INIS: 1993-10-03; ETDE: 1978-02-15
 *BT1 steel-cr17cu4ni4nb-l

STAINLESS STEEL-17-7PH

INIS: 2000-04-12; ETDE: 1979-05-29
 *BT1 aluminium alloys
 *BT1 chromium-nickel steels

STAINLESS STEEL-18-10

INIS: 1993-10-03; ETDE: 1979-05-29
 *BT1 steel-cr18ni10

stainless steel-18-4-1

INIS: 2000-04-12; ETDE: 1979-11-23
 (Prior to 1989 this was a valid ETDE descriptor.)
 USE stainless steels

STAINLESS STEEL-18-8

1993-10-03
 *BT1 steel-cr18ni8

stainless steel-19-9dl

2000-04-12
 (Prior to 1989 this was a valid ETDE descriptor.)
 USE stainless steels

STAINLESS STEEL-20-25

1993-10-03
 *BT1 steel-ni25cr20

STAINLESS STEEL-21-6-9

INIS: 1993-10-03; ETDE: 1979-12-10
 UF nitronic 40
 *BT1 steel-cr21mn9ni6

STAINLESS STEEL-301

1993-10-03
 *BT1 steel-cr17ni7

STAINLESS STEEL-302

1993-10-03
 *BT1 steel-cr18ni9

STAINLESS STEEL-303

INIS: 2000-04-12; ETDE: 1985-10-10
 *BT1 chromium-nickel steels

STAINLESS STEEL-304

1993-10-03
 *BT1 steel-cr19ni10

STAINLESS STEEL-304L

1993-10-03
 *BT1 steel-cr19ni10-l

STAINLESS STEEL-305

INIS: 1993-10-03; ETDE: 1976-04-19
 *BT1 steel-cr18ni12

STAINLESS STEEL-308

1993-10-03
 *BT1 steel-cr20ni11

STAINLESS STEEL-308L

INIS: 1993-10-03; ETDE: 1978-10-23
 *BT1 steel-cr20ni11-l

STAINLESS STEEL-309

1993-10-03
 *BT1 steel-cr23ni14

STAINLESS STEEL-309S

1993-10-03
 *BT1 steel-cr23ni14

STAINLESS STEEL-310

1993-10-03
 *BT1 steel-cr25ni20

STAINLESS STEEL-316

1993-10-03
 *BT1 steel-cr17ni12mo3

STAINLESS STEEL-316L

1993-10-03
 *BT1 steel-cr17ni12mo3-l

STAINLESS STEEL-317

INIS: 2000-04-12; ETDE: 1978-09-11
 *BT1 stainless steels

STAINLESS STEEL-318

2000-04-12
 *BT1 stainless steels

STAINLESS STEEL-321

1993-10-03
 *BT1 steel-cr18ni10ti

STAINLESS STEEL-329

2000-04-12
 *BT1 chromium-nickel steels

stainless steel-330

INIS: 1997-01-28; ETDE: 1977-07-23
(Until October 1996 this was a valid descriptor.)

USE austenitic steels
USE chromium-nickel steels

STAINLESS STEEL-347

1993-10-03
*BT1 steel-cr18ni11nb

STAINLESS STEEL-348

1993-10-03
*BT1 steel-cr18ni11nbco

STAINLESS STEEL-403

1993-10-03
*BT1 steel-cr12

STAINLESS STEEL-405

1993-10-03
*BT1 steel-cr13al

STAINLESS STEEL-406

2000-04-12
*BT1 chromium steels

STAINLESS STEEL-410

1999-10-08
(Until October 1999 this was indexed by STEEL-CR13.)
*BT1 steel-cr13

STAINLESS STEEL-422

INIS: 2000-04-12; ETDE: 1976-11-01
*BT1 stainless steels

STAINLESS STEEL-430

1993-10-03
*BT1 steel-cr16

stainless steel-431

INIS: 1997-01-28; ETDE: 1977-04-12
(Until October 1996 this was a valid descriptor.)
USE steel-cr16ni

STAINLESS STEEL-440

1993-10-03
*BT1 steel-cr17mo

STAINLESS STEEL-446

1993-10-03
*BT1 steel-cr25

stainless steel-44ln

INIS: 1997-01-28; ETDE: 1981-03-13
(Until October 1996 this was a valid descriptor.)
USE chromium steels
USE low carbon-high alloy steels
USE molybdenum alloys
USE nickel alloys

stainless steel-am-350

1997-01-28
(Until October 1996 this was a valid descriptor.)
USE steel-cr17ni4mo3

STAINLESS STEEL-FV-548

INIS: 2000-04-12; ETDE: 1979-05-25
*BT1 stainless steels

stainless steel-fv548

1983-11-07
USE steel-cr17ni12monb

STAINLESS STEEL-JBK-75

INIS: 2000-04-12; ETDE: 1980-01-24
*BT1 nickel alloys
*BT1 stainless steels
*BT1 titanium alloys

STAINLESS STEEL M-50

INIS: 2000-04-12; ETDE: 1979-11-23
*BT1 molybdenum alloys
*BT1 stainless steels

STAINLESS STEEL-PH-15-7-MO

INIS: 2000-04-12; ETDE: 1979-05-29
*BT1 chromium-nickel steels

stainless steel-z2cn18-10

INIS: 1997-01-28; ETDE: 1979-05-29
(Until October 1996 this was a valid descriptor.)
USE steel-cr18ni10-l

stainless steel-z2cn18-10n

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

stainless steel-z2cnd17-12

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE steel-cr17ni12mo3-l

stainless steel-z3cmn18-8-6n

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

stainless steel-z3cnd17-12

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE steel-cr17ni12mo3-l

stainless steel-z3cnd18-13

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

stainless steel-z6cn18-10

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE steel-cr18ni10

stainless steel-z6cnd17-12

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE steel-cr17ni12mo3

stainless steel-z6cnd17-13b

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

stainless steel-z6cndt17-13b

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

stainless steel-z6cnt18-10

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE steel-cr18ni10ti

stainless steel-z6cnt18-12b

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

stainless steel-z8cnt18-10

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE steel-cr18ni10ti

STAINLESS STEEL-ZCND17-13

INIS: 1993-10-03; ETDE: 1979-05-29
*BT1 manganese alloys
*BT1 silicon additions
*BT1 steel-cr17ni12mo3-l

STAINLESS STEELS

1996-07-23

(The UF terms below have been valid ETDE descriptors.)

UF croloy 299
UF stainless steel-18-4-1
UF stainless steel-19-9dl
UF steel-000kh25
UF steel-000kh28
UF steel-00kh20n32t
UF steel-03kh13ag13
UF steel-0kh18g8n2t
UF steel-cr17mn15nni
UF tenelon
*BT1 high alloy steels
NT1 chromium-nickel steels
NT2 alloy-d-9
NT2 carpenter
NT2 chromium-nickel-molybdenum steels
NT3 alloy-m-813
NT3 steel-cr11ni10mo2ti-l
NT3 steel-cr15ni15motib
NT3 steel-cr16ni13monbv
NT3 steel-cr16ni15mo3nb
NT3 steel-cr16ni16monb
NT3 steel-cr16ni8mo2
NT4 stainless steel-16-8-2
NT3 steel-cr16ni9mo2
NT3 steel-cr17ni12mo3
NT4 stainless steel-316
NT3 steel-cr17ni12mo3-l
NT4 stainless steel-316l
NT4 stainless steel-zcnd17-13
NT3 steel-cr17ni12monb
NT3 steel-cr17ni13mo2ti
NT3 steel-cr17ni13mo3ti
NT3 steel-ni26cr15ti2moyalb
NT4 alloy-a-286
NT2 durco
NT2 enduro
NT2 stainless steel-17-7ph
NT2 stainless steel-303
NT2 stainless steel-329
NT2 stainless steel-ph-15-7-mo
NT2 steel-cr17ni13
NT2 steel-cr17ni7
NT3 stainless steel-301
NT2 steel-cr18ni10
NT3 stainless steel-18-10
NT2 steel-cr18ni10-l
NT2 steel-cr18ni10ti
NT3 stainless steel-321
NT2 steel-cr18ni11
NT3 steel-x6crni1811
NT2 steel-cr18ni11nb
NT3 stainless steel-347
NT2 steel-cr18ni11nbco
NT3 stainless steel-348
NT2 steel-cr18ni12
NT3 stainless steel-305
NT2 steel-cr18ni12ti
NT2 steel-cr18ni8
NT3 stainless steel-18-8
NT2 steel-cr18ni9
NT3 stainless steel-302
NT2 steel-cr18ni9ti

NT2 steel-cr19ni10
NT3 stainless steel-304
NT2 steel-cr19ni10-l
NT3 stainless steel-304l
NT2 steel-cr20ni11
NT3 stainless steel-308
NT2 steel-cr20ni11-l
NT3 stainless steel-308l
NT2 steel-cr23ni14
NT3 stainless steel-309
NT3 stainless steel-309s
NT2 steel-cr23ni18
NT2 steel-cr25ni20
NT3 alloy-hk-40
NT3 stainless steel-310
NT2 steel-ni25cr20
NT3 stainless steel-20-25
NT2 steel-ni36cr12ti3al-l
NT2 timken alloys
NT1 chromium steels
NT2 chromium-molybdenum steels
NT3 chromium-nickel-molybdenum steels
NT4 alloy-m-813
NT4 steel-cr11ni10mo2ti-l
NT4 steel-cr15ni15motib
NT4 steel-cr16ni13monbv
NT4 steel-cr16ni15mo3nb
NT4 steel-cr16ni16monb
NT4 steel-cr16ni8mo2
NT5 stainless steel-16-8-2
NT4 steel-cr16ni9mo2
NT4 steel-cr17ni12mo3
NT5 stainless steel-316
NT4 steel-cr17ni12mo3-l
NT5 stainless steel-316l
NT5 stainless steel-zcnd17-13
NT4 steel-cr17ni12monb
NT4 steel-cr17ni13mo2ti
NT4 steel-cr17ni13mo3ti
NT4 steel-ni26cr15ti2movalb
NT5 alloy-a-286
NT2 magnet steel-ks
NT2 miduale
NT2 stainless steel-406
NT2 steel-cr10mo2
NT2 steel-cr12
NT3 stainless steel-403
NT2 steel-cr12moniv
NT2 steel-cr12mov
NT3 alloy-ht-9
NT2 steel-cr13
NT3 stainless steel-410
NT2 steel-cr13al
NT3 stainless steel-405
NT2 steel-cr16
NT3 stainless steel-430
NT2 steel-cr16ni
NT2 steel-cr17cu4ni4nb-l
NT3 stainless steel-17-4ph
NT2 steel-cr17mo
NT3 stainless steel-440
NT2 steel-cr17ni4mo3
NT2 steel-cr18
NT2 steel-cr25
NT3 stainless steel-446
NT2 steel-cr9mo
NT2 steel-cr9monbv
NT1 low carbon-high alloy steels
NT2 steel-cr11ni10mo2ti-l
NT2 steel-cr17cu4ni4nb-l
NT3 stainless steel-17-4ph
NT2 steel-cr17ni12mo3-l
NT3 stainless steel-316l
NT3 stainless steel-zcnd17-13
NT2 steel-cr18ni10-l
NT2 steel-cr19ni10-l
NT3 stainless steel-304l
NT2 steel-cr20ni11-l

NT3 stainless steel-308l
NT2 steel-ni36cr12ti3al-l
NT1 stainless steel-317
NT1 stainless steel-318
NT1 stainless steel-422
NT1 stainless steel-fv-548
NT1 stainless steel-jbk-75
NT1 stainless steel m-50
NT1 steel-cr21mn9ni6
NT2 stainless steel-21-6-9
NT1 sweetalloy
RT corrosion resistant alloys
RT heat resisting alloys

STAINS

RT banding techniques
RT cleaning
RT dyes
RT histological techniques

STAMEN

UF anthers
UF stamen hairs
BT1 flowers

stamen hairs

USE stamen

STAND DENSITY

INIS: 1999-04-22; ETDE: 1988-01-15

Number of trees per unit area.

RT biomass
RT forests

standard electroweak model

INIS: 2000-04-12; ETDE: 1985-03-26

USE weinberg-salam gauge model

STANDARD INDUSTRIAL CLASSIFICATION

INIS: 2000-04-12; ETDE: 1980-08-12

BT1 classification
RT standards

standard man

USE reference man

STANDARD MODEL

INIS: 1995-08-10; ETDE: 1985-03-26

For the local gauge theory based on a $SU(3) \times SU(2) \times U(1)$ symmetry that describes strong, weak and electromagnetic interactions among elementary particles.

***BT1** grand unified theory
RT electromagnetic interactions
RT kobayashi-maskawa matrix
RT m-theory
RT quantum chromodynamics
RT quantum electrodynamics
RT strong interactions
RT weak interactions
RT weinberg angle
RT weinberg-salam gauge model

STANDARD OF LIVING

INIS: 2000-04-05; ETDE: 1978-10-23

A measure of level of wealth, comfort, material goods and necessities available. For medical sciences use QUALITY OF LIFE.

UF living standards
SF way of life
RT economic development
RT income

standard reference materials

INIS: 1984-10-23; ETDE: 1984-11-08

USE calibration standards

STANDARDIZATION

1977-02-08

RT benchmarks

RT calibration standards
RT cen
RT energy efficiency standards
RT quality assurance
RT quality control
RT safety standards
RT specifications
RT standards
RT standards document

STANDARDIZED TERMINOLOGY

UF controlled terminology
UF thesauri
UF vocabulary (controlled)
RT cen
RT information retrieval
RT information systems
RT iso
RT machine translations

STANDARDS

1991-08-14

UF automobile efficiency standards

NT1 calibration standards

NT1 energy efficiency standards

NT1 safety standards

NT2 annual limit of intake

NT2 dose limits

NT2 maximum acceptable contamination

NT2 maximum inhalation quantity

NT2 maximum permissible activity

NT2 maximum permissible body burden

NT2 maximum permissible concentration

NT2 maximum permissible dose

NT2 maximum permissible exposure

NT2 maximum permissible intake

NT2 maximum permissible level

RT benchmarks

RT certification

RT compliance

RT international electrotechnical commission

RT specifications

RT standard industrial classification

RT standardization

RT standards document

standards (calibration)

ETDE: 2002-06-13

USE calibration standards

standards (safety)

ETDE: 2002-06-13

USE safety standards

STANDARDS DOCUMENT

INIS: 1987-09-22; ETDE: 1987-10-23

Use only in conjunction with literary indicator W for indexing the text of national or international standards.

RT cen
RT international electrotechnical commission
RT iso
RT standardization
RT standards

STANDBY MODE

2004-05-13

RT electrical equipment
RT electronic equipment
RT operation
RT start-up

standing crop

INIS: 2000-04-12; ETDE: 1977-01-28

USE biomass

STANDING WAVES

UF waves (standing)

RT electromagnetic radiation
 RT mechanical vibrations
 RT steady-state conditions
 RT travelling waves
 RT wave propagation
 RT waveguides
 RT wavelengths

STANFORD 1.2-GEV LINAC

1995-03-02

(Until February 1995 this descriptor was spelled STANFORD 1200-MEV LINAC.)

UF stanford 1200-mev linac
 *BT1 linear accelerators
 RT stanford linear accelerator center

stanford 1200-mev linac

INIS: 1995-03-02; ETDE: 2002-06-13

(Until February 1995 this was a valid descriptor.)

USE stanford 1.2-gev linac

STANFORD 20-GEV LINAC

UF slac 2-mile linac
 *BT1 linear accelerators
 RT stanford linear accelerator center
 RT stanford linear collider

stanford large detector

INIS: 1991-12-17; ETDE: 2002-06-13

USE stanford linear collider detector

STANFORD LINEAR ACCELERATOR CENTER

INIS: 1995-02-17; ETDE: 1976-12-16

UF slac
 *BT1 us doe
 *BT1 us erda
 RT california
 RT stanford 1.2-gev linac
 RT stanford 20-gev linac
 RT stanford linear collider

STANFORD LINEAR COLLIDER

INIS: 1984-02-22; ETDE: 1983-06-20

UF slc
 *BT1 linear colliders
 RT stanford 20-gev linac
 RT stanford linear accelerator center
 RT stanford linear collider detector

STANFORD LINEAR COLLIDER DETECTOR

INIS: 1992-01-14; ETDE: 1986-01-14

A detector for the SLAC Linear Collider (SLC) designed to study electron-positron interactions up to 100 GeV.

UF slc detectors
 UF stanford large detector
 SF sld
 *BT1 radiation detectors
 RT cherenkov counters
 RT drift chambers
 RT shower counters
 RT stanford linear collider

STANLEIGH MINE

INIS: 1982-10-28; ETDE: 1982-11-30

*BT1 uranium mines
 RT elliot lake

STANNATES

1997-06-17

Specific compounds, except those of significance to energy research and development such as the NT listed below, should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 oxygen compounds

BT1 tin compounds
 NT1 cadmium stannates
 RT tin oxides

STANNIDES

2013-07-08

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 tin compounds

STAPHYLOCOCCUS

*BT1 bacteria

stapp theory

1996-07-08

(Until June 1996 this was a valid descriptor.)

SEE nucleons
 SEE wave propagation

stapp-ypsilantis-metropolis theory

1996-07-08

(Prior to August 1996 STAPP THEORY was a valid ETDE descriptor.)

SEE nucleons
 SEE wave propagation

STAR ACCRETION

UF accretion (stars)
 *BT1 star evolution
 RT accretion disks
 RT cosmic dust
 RT cosmological models
 RT eruptive variable stars
 RT interstellar grains
 RT interstellar space
 RT planet-system accretion
 RT protostars
 RT stars

STAR BURNING

INIS: 1978-08-30; ETDE: 1978-10-19

Astrophysical processes only.

UF stellar burning
 NT1 carbon burning
 NT1 cno cycle
 NT1 helium burning
 NT1 hydrogen burning

STAR CLUSTERS

UF clusters (star)
 RT stars

STAR DETECTOR

2015-10-27

UF star experiment
 *BT1 radiation detectors
 RT bnl
 RT brookhaven rhic

STAR EVOLUTION

BT1 evolution
 NT1 r process
 NT1 s process
 NT1 star accretion
 RT carbon burning
 RT cno cycle
 RT cosmology
 RT galactic evolution
 RT gravitational collapse
 RT helium burning
 RT herbig-haro objects
 RT hertzsprung-russell diagram
 RT hydrogen burning
 RT metallicity
 RT origin
 RT solar system evolution
 RT star models
 RT stars

star experiment

2015-10-27

USE star detector

STAR MODELS

INIS: 1975-10-23; ETDE: 1975-12-16

Mathematical models of stars.

UF models (star)
 UF solar models
 BT1 mathematical models
 RT carbon burning
 RT cno cycle
 RT hydrogen burning
 RT star evolution
 RT stars

STARCH

UF amyllum
 *BT1 polysaccharides
 BT1 reagents
 RT polyacetals

starch gum

USE dextrin

STARFIRE TOKAMAK

INIS: 1981-07-06; ETDE: 1980-03-29

*BT1 tokamak devices

starfish event

1994-10-14

A test made during PROJECT DOMINIC. (Prior to September 1994, this was a valid ETDE descriptor.)

USE atmospheric explosions
 USE nuclear explosions

STARK EFFECT

RT electric fields
 RT line broadening
 RT magneto-optical effects
 RT spectral shift

STAR REACTOR

Schnell-Thermischen Argonaut Reaktor Karlsruhe. Decommissioned since 1997.

UF sar-2 reactor
 *BT1 argonaut type reactors
 *BT1 thermal reactors
 *BT1 training reactors

STARQUAKES

INIS: 2000-04-12; ETDE: 1976-04-19

RT neutron stars
 RT pulsars

STARS

NT1 binary stars
 NT2 eruptive variable stars
 NT3 novae
 NT3 supernovae
 NT4 type i supernovae
 NT4 type ii supernovae
 NT3 t tauri stars
 NT1 dwarf stars
 NT2 black dwarf stars
 NT2 red dwarf stars
 NT2 white dwarf stars
 NT1 giant stars
 NT2 red giant stars
 NT2 supergiant stars
 NT1 magnetic stars
 NT1 main sequence stars
 NT2 carbon stars
 NT2 sun
 NT2 wolf-rayet stars
 NT1 neutron stars
 NT1 supermassive stars
 NT1 symbiotic stars
 NT1 variable stars
 NT2 eruptive variable stars

NT3 novae
NT3 supernovae
NT4 type i supernovae
NT4 type ii supernovae
NT3 t tauri stars
NT2 pulsating variable stars
NT3 cepheids

RT astronomy
RT black holes
RT carbon burning
RT chandrasekhar theory
RT nucleosynthesis
RT planetary nebulae
RT proper motion
RT protostars
RT quasars
RT r process
RT s process
RT star accretion
RT star clusters
RT star evolution
RT star models
RT stellar activity
RT stellar atmospheres
RT stellar flares
RT stellar winds
RT white holes

STARSPOTS

INIS: 1984-02-22; ETDE: 1984-03-06
Small regions of stellar surfaces that have a luminosity different from that of their surroundings. For the Sun use SUNSPOTS.

UF stellar spots
BT1 stellar activity
NT1 sunspots
RT stellar atmospheres
RT stellar flares
RT variable stars

START TOKAMAK

INIS: 1994-03-15; ETDE: 1994-02-25
Small Tight Aspect Ratio Tokamak at Culham Laboratories, Culham, UK.
UF small tight aspect ratio tokamak
**BT1* tokamak devices

START-UP

INIS: 1986-04-04; ETDE: 1976-12-15
NT1 reactor start-up
RT operation
RT standby mode

start-up (fission reactor)

INIS: 1982-11-29; ETDE: 2002-06-13
USE reactor start-up

start-up (reactor)

2000-04-12
USE reactor start-up

starvation

USE fasting

state buildings

INIS: 2000-04-12; ETDE: 1981-01-09
USE public buildings

state diagrams

USE phase diagrams

state enterprises

INIS: 2000-04-12; ETDE: 1979-07-24
USE public enterprises

STATE GOVERNMENT

INIS: 1980-11-07; ETDE: 1977-08-09
For the government of a major subdivision of a nation, e.g., the governments of the individual States of the United States of America. For the government of a nation state use NATIONAL GOVERNMENT.

UF provincial government
RT compact commissions
RT government policies
RT institutional sector
RT legislation
RT local government
RT national government
RT public officials
RT regional cooperation
RT regulations
RT social services
RT state officials
RT us federal assistance programs

state liability

INIS: 1990-12-15; ETDE: 2002-06-13
(Prior to December 1990, this was a valid descriptor.)
USE liabilities

STATE OFFICIALS

INIS: 2000-04-12; ETDE: 1979-11-23
UF governors
**BT1* public officials
RT state government

states (energy)

USE energy levels

static electricity eliminators

ETDE: 1976-05-19
USE electrostatic charge eliminators

static experiment critical facility

INIS: 2001-09-25; ETDE: 2001-11-30
USE stacy reactor

STATIC LOADS

INIS: 1981-02-27; ETDE: 1976-08-04
UF loads (static)
RT deformation
RT dynamic loads
RT mechanical tests
RT strain rate
RT stresses

STATIC MAGNETIC FIELDS

2018-03-01
UF magnetostatics
BT1 magnetic fields

STATIC MASS SPECTROMETERS

**BT1* mass spectrometers

static reservoir pressure

INIS: 1986-07-09; ETDE: 1978-09-11
USE reservoir pressure

station black out

2017-07-18
USE station blackout

STATION BLACKOUT

2017-07-18
UF station black out
**BT1* reactor accidents

stationary low power plant-1

USE sl-1 reactor

stationary medium power plant-1

1993-11-09
USE sm-1 reactor

stationary medium power plant-1a

1993-11-09
USE sm-1a reactor

STATIONARY POLLUTANT SOURCES

INIS: 1992-03-09; ETDE: 1977-03-08
Use for general articles when sources are not named. See also specific stationary sources, e.g., FOSSIL-FUEL POWERPLANTS.
BT1 pollution sources
RT air pollution
RT emission
RT mobile pollutant sources
RT pollution
RT water pollution

STATISTICAL DATA

INIS: 1980-09-12; ETDE: 1980-07-09
Use only in conjunction with literary indicator N for data flagging.
**BT1* numerical data

STATISTICAL MECHANICS

BT1 mechanics
RT anyons
RT bbgky equation
RT boltzmann equation
RT boltzmann statistics
RT bose-einstein statistics
RT density of states
RT ergodic hypothesis
RT fermi statistics
RT kinetic equations
RT kinetics
RT kubo formula
RT liouville theorem
RT mean-field theory
RT occupation number
RT parastatistics
RT partition functions

STATISTICAL MODELS

UF models (statistical)
BT1 mathematical models
NT1 feynman gas model
NT1 thermodynamic model
NT2 hydrodynamic model
RT kriging
RT particle models
RT systems analysis

STATISTICS

1996-03-04
Limited to the indexing of information on the mathematical discipline of statistics or its application in nuclear science; for indexing numerical values of a statistical nature use STATISTICAL DATA.
UF kurtosis
UF skewness
BT1 mathematics
NT1 game theory
NT1 kriging
NT1 multivariate analysis
NT1 regression analysis
NT1 time-series analysis
RT chaos theory
RT data covariances
RT degrees of freedom
RT expectation value
RT fault tree analysis
RT gauss function
RT maximum-likelihood fit
RT probabilistic estimation
RT probability
RT probability density functions
RT random phase approximation
RT stochastic processes
RT systems analysis

RT virial theorem
RT weighting functions

statni urad pro jadernou bezpecnost

INIS: 1998-01-29; ETDE: 1998-02-24

USE subj

STATORS

1977-01-25

RT armatures
RT machine parts
RT rotors

stauffer aquaclus process

2000-04-12

A simple and efficient absorption method capable of reducing sulfur dioxide levels in diverse waste gas streams to low limits. All sulfur compounds in the tail gases are incinerated to sulfur dioxide which is then absorbed in the aquaclus solvent. (Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

STEADY FLOW

SF perfect flow
BT1 fluid flow
NT1 ideal flow
RT steady-state conditions

STEADY-STATE CONDITIONS

Reached when all transients fade out.

RT equilibrium
RT standing waves
RT steady flow
RT steady-state fusion reactors
RT transients

STEADY-STATE D-T REACTORS

*BT1 d-t reactors
*BT1 steady-state fusion reactors

STEADY-STATE FUSION REACTORS

BT1 thermonuclear reactors
NT1 steady-state d-t reactors
RT steady-state conditions

STEAM

UF steam coolant
NT1 natural steam
RT bosch process
RT coolants
RT district heating
RT flash heating
RT flashed steam systems
RT flashing
RT mollier diagrams
RT rankine cycle engines
RT steam generation
RT steam generators
RT steam-iron process
RT steam lines
RT steam quality
RT steam systems
RT superheating
RT total flow systems
RT water
RT water vapor

STEAM CONDENSERS

UF condensers (steam)
BT1 vapor condensers
NT1 ice condensers
NT1 isolation condensers
RT film condensation
RT heat exchangers
RT heat transfer
RT reactor cooling systems
RT steam separators

steam coolant

USE steam

STEAM COOLED REACTORS

1999-10-14

BT1 reactors
RT gas cooled reactors

steam drive process

INIS: 2000-04-12; ETDE: 1976-06-07

USE fluid injection processes

steam explosion process

INIS: 2000-04-12; ETDE: 1984-10-10

USE autohydrolysis

steam generating heavy water reactor

1993-11-09

USE sghwr reactor

STEAM GENERATION

INIS: 1986-07-09; ETDE: 1975-10-01

NT1 cogeneration
RT refuse-fueled power plants
RT steam
RT steam generators

STEAM GENERATION PLANTS

INIS: 2000-07-24; ETDE: 1981-06-13

RT central heating plants
RT district heating
RT total energy systems

STEAM GENERATOR TUBE RUPTURE

2017-07-18

UF sgtr
*BT1 reactor accidents
RT steam generators

STEAM GENERATORS

UF generators (steam)
*BT1 vapor generators
RT boiler fuels
RT boiling
RT economizers
RT feedwater
RT heat exchangers
RT heat transfer
RT multiple steam generator tube rupture
RT reactor cooling systems
RT steam
RT steam generation
RT steam generator tube rupture
RT superheaters
RT waterwall incinerators

STEAM INJECTION

INIS: 1992-08-12; ETDE: 1976-03-11

BT1 fluid injection
RT thermal recovery
RT well stimulation

STEAM-IRON PROCESS

2000-04-12

Reactions in multiplicity of steel cylindrical retorts for hydrogen production.

BT1 chemical reactions
RT hydrogen production
RT iron
RT steam

STEAM JET EJECTORS

BT1 vapor jet ejectors
RT reactor cooling systems

STEAM LINE BREAK ACCIDENTS

2017-07-18

UF mslb
*BT1 reactor accidents
RT steam lines

STEAM LINES

1975-11-27

BT1 pipelines
RT pipe whip
RT reactor cooling systems
RT steam
RT steam line break accidents
RT steam mufflers
RT steam systems
RT steam traps

STEAM MUFFLERS

1992-07-20

For reduction of noise from escaping steam.

RT noise
RT steam lines

STEAM QUALITY

RT steam
RT thermodynamics

STEAM REFORMER PROCESSES

1999-01-29

UF segas process
*BT1 reformer processes
RT gas recycle hydrogenation process
RT hydrogen production

STEAM SEPARATORS

UF separators (steam)
*BT1 vapor separators
RT flashed steam systems
RT reactor cooling systems
RT steam condensers

STEAM SOAK PROCESSES

2000-04-12

BT1 fluid injection processes
RT oil sands

STEAM STRIPPING

INIS: 2000-04-12; ETDE: 1984-12-10

*BT1 waste processing
BT1 water treatment
RT waste water

steam superheaters

USE superheaters

STEAM SYSTEMS

2000-03-27

SF braun standard turbine island
SF c f braun standard turbine island
BT1 energy systems
NT1 flashed steam systems
RT reactor cooling systems
RT steam
RT steam lines
RT steam traps

STEAM TRAPS

INIS: 2000-03-27; ETDE: 1979-04-12

Devices that drain and remove condensate automatically from steam lines.

BT1 traps
RT steam lines
RT steam systems

STEAM TURBINES

*BT1 turbines
RT flashed steam systems
RT gas turbines
RT reactor cooling systems

STEAMBOAT SPRINGS

2000-04-12

Undeveloped geothermal field under exploration.

*BT1 nevada

STEARATES

INIS: 2000-04-12; ETDE: 1976-11-01

BT1 carboxylic acid salts

RT octadecanoic acid

stearic acid

USE octadecanoic acid

steel-000kh18n13

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium-nickel steels

steel-000kh20n16ag6

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium-nickel steels

steel-000kh20n20

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to June 1989 this was a valid ETDE descriptor. From then till March 1997 nickel-CHROMIUM STEELS was used for this concept in ETDE.)

USE chromium alloys

USE nickel steels

steel-000kh25

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE stainless steels

steel-000kh28

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE stainless steels

steel-00kh20n32t

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE stainless steels

steel-03kh11n10m2t

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE steel-cr11ni10mo2ti-l

steel-03kh11n10m2tk6

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium-nickel steels

steel-03kh13ag13

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE stainless steels

steel-08g2sfb

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE carbon steels

steel-08kh18n10t

INIS: 1983-11-07; ETDE: 1982-02-11
(Prior to 1989 this was a valid ETDE descriptor.)

USE steel-cr18ni10ti

steel-0kh16n15m3b

INIS: 1983-11-07; ETDE: 1979-05-29
USE steel-cr16ni15mo3nb

steel-0kh18g8n2t

INIS: 2000-04-12; ETDE: 1979-06-21
USE stainless steels

steel-0kh18n10t

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)

USE steel-cr18ni10ti

steel-0kh18n9t

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)

USE steel-cr18ni9ti

steel-0kh19nt

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium-nickel steels

steel-0kh21n5t

INIS: 1996-11-13; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor; from then till March 1997 STEEL-CR21NI5TI was used for this concept in ETDE.)

USE chromium steels

USE nickel alloys

steel-0kh22n5t

INIS: 1996-11-13; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor; from then till March 1997 STEEL-CR22NI5TI was used for this concept in ETDE.)

USE chromium steels

USE nickel alloys

steel-1-kh18n20t3p

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to June 1989 this was a valid ETDE descriptor. From then till March 1997 NICKEL-CHROMIUM STEELS was used for this concept.)

USE chromium alloys

USE nickel steels

steel-10cd9-10

INIS: 1997-01-28; ETDE: 1979-05-30
(Until October 1996 this was a valid descriptor.)

USE steel-cr2mo

steel-10crninb910

ETDE: 1979-05-30
USE steel-cr2moninb

steel-12kh1mf

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)

USE steel-crmov

steel-12kh2mv8fb

INIS: 2000-04-12; ETDE: 1979-06-21
(Prior to 1989 this was a valid ETDE descriptor.)

USE steels

steel-12kh2nch

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)

USE steel-ni3cr

steel-12kh2v5fb

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE steels

steel-12khm

INIS: 1983-11-07; ETDE: 1979-05-30
USE steel-crmv

steel-12khn3

INIS: 1983-11-07; ETDE: 1979-05-31
(Prior to March 1989 this was a valid ETDE descriptor.)

USE steel-ni3cr

steel-12khn3a

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)

USE steel-ni3cr

steel-13cr6nimo

INIS: 1996-11-13; ETDE: 2002-06-13
USE austenitic steels
USE chromium-nickel-molybdenum steels

steel-15cd9-10

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE steel-cr2mo

steel-15kh1m1f

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)

USE steel-crmov

steel-15kh1m1fl

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)

USE steel-crmov

steel-15kh2mfa

INIS: 1983-11-07; ETDE: 1982-01-07
(Prior to March 1989 this was a valid ETDE descriptor.)

USE steel-cr2mov

steel-15khg2sfmr

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium-molybdenum steels

steel-18kh16n6

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium-nickel steels

steel-18kh2n4va

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)

USE steel-ni4crw

steel-18mnv6

INIS: 2000-04-12; ETDE: 1979-06-21
(Prior to 1989 this was a valid ETDE descriptor.)

USE steels

steel-1kh12v2mf

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium steels

steel-1kh16n14v2br ehp17

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium-nickel steels

steel-1kh16n15m3b

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr16ni15mo3nb

steel-1kh16n4b

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-1kh18n10t

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr18ni10ti

steel-1kh18n9

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18ni9

steel-1kh18n9t

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18ni9ti

steel-20kh

INIS: 1983-11-07; ETDE: 1979-06-21
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cmi

steel-20kh2n2m

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-20khmf

INIS: 2000-04-12; ETDE: 1979-06-21
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-molybdenum steels

steel-20khn3mf

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-20m5

INIS: 1994-06-27; ETDE: 1979-06-21
(Prior to 1989 this was a valid ETDE descriptor.)
USE manganese steels

steel-20n14

INIS: 1996-11-13; ETDE: 1979-06-21
(Prior to March 1989 this was a valid ETDE descriptor; from then till March 1997 STEEL-NI4 was used for this concept in ETDE.)
USE low alloy steels
USE nickel alloys

steel-22nimocr37

INIS: 1981-02-27; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE steel-nimocr

steel-28cdv508

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to June 1989 this was a valid ETDE descriptor.)
USE steel-crmov

steel-2kh13

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to June 1989 this was as valid ETDE descriptor.)
USE steel-cr13

steel-2kh18n8v2

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-2kh8v8m2k8

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-molybdenum steels

steel-30n9k4

INIS: 1994-07-01; ETDE: 1979-06-21
(Prior to 1989 this was a valid ETDE descriptor.)
USE nickel steels

steel-37khn3t

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to June 1989 this was a valid ETDE descriptor. From then till March 1997 NICKEL-CHROMIUM STEELS was used for this concept in ETDE.)
USE chromium alloys
USE nickel steels

steel-38kh5msfa

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-molybdenum steels

steel-38khmyua

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cralnimo

steel-3hk5s

ETDE: 1979-05-31
USE steel-cr2moninb

steel-3kh15n13yu3

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-40k14g18f

INIS: 2000-04-12; ETDE: 1979-06-21
(Prior to May 2001 this was a valid descriptor.)
USE chromium steels
USE manganese alloys
USE vanadium alloys

steel-40kh

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cmi

steel-40kh13n8g8

INIS: 1996-11-13; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor; from then till March 1997 STEEL-CR13MN8NI8 was used for this concept.)
USE austenitic steels
USE chromium-nickel steels
USE manganese alloys

steel-40kh2n5sm

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to June 1989 this was a valid ETDE descriptor. From then till March 1997 NICKEL-CHROMIUM STEELS was used for this concept.)
USE chromium alloys
USE nickel steels

steel-40khn

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-nicr

steel-40khnma

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-nicrmo

steel-42kh2gsnm

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel-molybdenum steels

steel-4kh12n8g8mfb

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-4kh14nv2m

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-5kh2mf

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-crmov

steel-60kh3g8n8v

INIS: 2000-04-12; ETDE: 1979-06-21
(Prior to 1989 this was a valid ETDE descriptor.)
SEE chromium alloys
SEE steels

steel-7kh18n9

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18ni9

steel-9cr

INIS: 1988-03-08; ETDE: 2002-06-13
USE steel-cr10mo2

steel-9kh18

INIS: 1983-11-07; ETDE: 1979-05-30
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr18

steel-9khs

INIS: 2000-04-12; ETDE: 1979-05-30
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium steels

STEEL-ASTM-A105

INIS: 2000-04-12; ETDE: 1979-05-29
*BT1 carbon steels

STEEL-ASTM-A106

1993-10-03
*BT1 carbon steels

STEEL-ASTM-A212

1993-10-03

*BT1 carbon steels

STEEL-ASTM-A285

INIS: 1993-10-03; ETDE: 1978-12-20

UF a 285 steel

*BT1 carbon steels

STEEL-ASTM-A302

1993-10-03

*BT1 steel-mnmo

STEEL-ASTM-A350

2000-04-12

*BT1 low alloy steels

steel-astm-a350 (gr 1)

INIS: 1983-11-09; ETDE: 2002-06-13

USE carbon steels

steel-astm-a350 (gr 2)

INIS: 1983-11-09; ETDE: 2002-06-13

USE carbon steels

steel-astm-a350 (gr 3)

INIS: 1996-11-13; ETDE: 2002-06-13

USE low alloy steels

USE nickel alloys

steel-astm-a350 (gr 4)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-crni

STEEL-ASTM-A387

INIS: 2000-04-12; ETDE: 1979-03-27

*BT1 low alloy steels

steel-astm-a387 (gr 11)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-crmo

steel-astm-a387 (gr 12)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-crmo

steel-astm-a387 (gr 2)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-crmo

steel-astm-a387 (gr 21)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-cr2mo

steel-astm-a387 (gr 22)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-cr2mo

steel-astm-a387 (gr 5)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-cr5mo

steel-astm-a416

INIS: 1997-01-28; ETDE: 1979-03-28

(Until October 1996 this was a valid descriptor.)

USE carbon steels

STEEL-ASTM-A508

1999-02-18

*BT1 low alloy steels

steel-astm-a508 (gr 2)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-nimocr

steel-astm-a508 (gr 3)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-mnnimo

steel-astm-a508 (gr 4)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-ni3crmo

steel-astm-a508 (gr 5)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-ni3crmov

STEEL-ASTM-A516

INIS: 1993-10-03; ETDE: 1976-02-19

*BT1 carbon steels

STEEL-ASTM-A533

1993-01-28

For grade A or B use STEEL-MNNIMO, and for grade C or D use STEEL-MNMO.

*BT1 low alloy steels

steel-astm-a533 (gr a)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-mnnimo

steel-astm-a533 (gr b)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-astm-a533-b

steel-astm-a533 (gr c)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-mnmo

steel-astm-a533 (gr d)

INIS: 1983-11-07; ETDE: 2002-06-13

USE steel-mnmo

STEEL-ASTM-A533-B

1999-05-27

UF steel-astm-a533 (gr b)

*BT1 carbon steels

*BT1 steel-mnnimo

STEEL-ASTM-A537

INIS: 1993-10-03; ETDE: 1981-01-27

*BT1 steel-mncumo

STEEL-ASTM-A542

1993-10-03

*BT1 steel-cr2mo

STEEL-ASTM-A543

1993-10-03

*BT1 steel-ni3crmo

STEEL-ASTM-A572

INIS: 2000-04-12; ETDE: 1979-12-17

*BT1 steels

STEEL-CD-4MCU

INIS: 2000-04-12; ETDE: 1979-09-06

UF cd-4mcu

*BT1 chromium alloys

*BT1 copper alloys

*BT1 corrosion resistant alloys

*BT1 iron base alloys

*BT1 molybdenum alloys

*BT1 nickel alloys

STEEL-CR10MO2

INIS: 1988-03-08; ETDE: 1989-11-06

UF steel-9cr

UF steel-jfms

*BT1 chromium steels

*BT1 martensitic steels

*BT1 molybdenum alloys

RT first wall

STEEL-CR11NI10MO2TI-L

1983-11-07

UF steel-03kh11n10m2t

UF steel-ehp 678

UF steel-ehp 679

UF steel-ehp678

UF steel-ehp679

*BT1 chromium-nickel-molybdenum steels

*BT1 corrosion resistant alloys

*BT1 low carbon-high alloy steels

*BT1 titanium alloys

STEEL-CR12

1983-11-07

UF steel-kh12

*BT1 chromium steels

*BT1 corrosion resistant alloys

*BT1 heat resisting alloys

*BT1 martensitic steels

NT1 stainless steel-403

STEEL-CR12MONIV

INIS: 1984-02-23; ETDE: 1990-11-26

UF steel-x20crmov 121

*BT1 chromium steels

*BT1 corrosion resistant alloys

*BT1 ferritic steels

*BT1 heat resisting alloys

*BT1 molybdenum additions

*BT1 nickel additions

*BT1 vanadium additions

STEEL-CR12MOV

1983-11-08

UF steel-ht-9

UF steel-kh12m

*BT1 chromium steels

*BT1 corrosion resistant alloys

*BT1 heat resisting alloys

*BT1 martensitic steels

*BT1 molybdenum additions

*BT1 vanadium additions

NT1 alloy-ht-9

STEEL-CR13

INIS: 1999-10-08; ETDE: 1983-11-19

UF croloy 12

UF steel-2kh13

UF steel-kh13

*BT1 chromium steels

*BT1 corrosion resistant alloys

*BT1 croloy

*BT1 heat resisting alloys

*BT1 martensitic steels

NT1 stainless steel-410

STEEL-CR13AL

1983-11-07

*BT1 aluminium additions

*BT1 chromium steels

*BT1 corrosion resistant alloys

*BT1 ferritic steels

*BT1 heat resisting alloys

NT1 stainless steel-405

steel-cr13mn8ni8

INIS: 1997-01-28; ETDE: 1983-11-19

(Until October 1996 this was a valid descriptor.)

USE austenitic steels

USE chromium-nickel steels

USE manganese alloys

steel-cr13ni6mo-l

INIS: 1997-01-28; ETDE: 1990-11-26

(Until October 1996 this was a valid descriptor.)

USE austenitic steels

USE chromium-nickel-molybdenum steels

USE low carbon-high alloy steels

STEEL-CR15NI15MOTIB

1983-11-07

UF steel-din-1-4970

*BT1 austenitic steels

*BT1 boron additions

*BT1 chromium-nickel-molybdenum steels

*BT1 corrosion resistant alloys

*BT1 heat resisting alloys

*BT1 titanium additions

STEEL-CR16

1983-11-07

UF croloy 18

- *BT1 chromium steels
- *BT1 corrosion resistant alloys
- *BT1 croloy
- *BT1 ferritic steels
- *BT1 heat resisting alloys
- NT1 stainless steel-430

STEEL-CR16NI

INIS: 1996-11-13; ETDE: 1983-11-19

(From April 1977 till March 1997

STAINLESS STEEL-431 was a valid ETDE descriptor.)

UF stainless steel-431

- *BT1 chromium steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 martensitic steels
- *BT1 nickel alloys

STEEL-CR16NI13MONBV

1983-11-07

UF steel-din-1-4988

- *BT1 austenitic steels
- *BT1 chromium-nickel-molybdenum steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 niobium additions
- *BT1 vanadium additions

STEEL-CR16NI15MO3NB

1983-11-07

UF steel-0kh16n15m3b

UF steel-1kh16n15m3b

UF steel-kh16n15m3b

- *BT1 austenitic steels
- *BT1 chromium-nickel-molybdenum steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 niobium additions

STEEL-CR16NI16MONB

1983-11-07

UF steel-din-1-4981

- *BT1 austenitic steels
- *BT1 chromium-nickel-molybdenum steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 niobium additions

STEEL-CR16NI8MO2

1983-11-07

- *BT1 austenitic steels
- *BT1 chromium-nickel-molybdenum steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- NT1 stainless steel-16-8-2

STEEL-CR16NI9MO2

2003-01-23

UF steel-kh16n9m2

- *BT1 chromium-nickel-molybdenum steels
- *BT1 manganese additions
- *BT1 silicon additions

STEEL-CR17CU4NI4NB-L

INIS: 1983-11-07; ETDE: 1989-11-06

- *BT1 chromium steels
- *BT1 copper alloys
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 low carbon-high alloy steels
- *BT1 martensitic steels
- *BT1 nickel alloys
- *BT1 niobium additions
- NT1 stainless steel-17-4ph

steel-cr17mn15nni

INIS: 1996-07-23; ETDE: 1984-01-27

(Until July 1996 this was a valid descriptor.)

USE stainless steels

STEEL-CR17MO

1983-11-07

- *BT1 chromium steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 martensitic steels
- *BT1 molybdenum additions
- NT1 stainless steel-440

STEEL-CR17NI12MO3

1983-11-07

UF stainless steel-z6cnd17-12

UF steel-din-1-4919

- *BT1 austenitic steels
- *BT1 chromium-nickel-molybdenum steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- NT1 stainless steel-316

STEEL-CR17NI12MO3-L

1983-11-07

UF stainless steel-z2cnd17-12

UF stainless steel-z3cnd17-12

- *BT1 austenitic steels
- *BT1 chromium-nickel-molybdenum steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 low carbon-high alloy steels
- NT1 stainless steel-316l
- NT1 stainless steel-zcnd17-13

STEEL-CR17NI12MONB

1983-11-07

UF stainless steel-fv548

- *BT1 austenitic steels
- *BT1 chromium-nickel-molybdenum steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 niobium additions

STEEL-CR17NI13

INIS: 1985-09-06; ETDE: 1990-11-26

- *BT1 austenitic steels
- *BT1 chromium-nickel steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys

STEEL-CR17NI13MO2TI

1983-11-07

UF steel-kh17n13m2t

- *BT1 austenitic steels
- *BT1 chromium-nickel-molybdenum steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 titanium additions

STEEL-CR17NI13MO3TI

1983-11-07

UF alloy-ehi 183

UF alloy-ehi 397

UF alloy-ehi 432

UF steel-kh17n13m3t

- *BT1 austenitic steels
- *BT1 chromium-nickel-molybdenum steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 titanium additions

STEEL-CR17NI4MO3

INIS: 1996-11-13; ETDE: 1983-11-16

(From 1974 till March 1997 STAINLESS

STEEL-AM-350 was a valid ETDE descriptor.)

UF stainless steel-am-350

- *BT1 chromium steels
- *BT1 corrosion resistant alloys

*BT1 heat resisting alloys

*BT1 molybdenum alloys

*BT1 nickel alloys

STEEL-CR17NI7

1983-11-07

- *BT1 austenitic steels
- *BT1 chromium-nickel steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- NT1 stainless steel-301

STEEL-CR18

1983-11-07

UF steel-9kh18

UF steel-kh18

- *BT1 chromium steels
- *BT1 corrosion resistant alloys
- *BT1 martensitic steels

STEEL-CR18NI10

1983-11-07

UF croloy 3035

UF stainless steel-z6cn18-10

UF steel-kh18n10

- *BT1 austenitic steels
- *BT1 chromium-nickel steels
- *BT1 corrosion resistant alloys
- *BT1 croloy
- *BT1 heat resisting alloys
- NT1 stainless steel-18-10

STEEL-CR18NI10-L

INIS: 1996-11-13; ETDE: 1983-11-16

(From May 1979 till March 1997

STAINLESS STEEL-Z2CN18-10 was a valid ETDE descriptor.)

UF stainless steel-z2cn18-10

- *BT1 austenitic steels
- *BT1 chromium-nickel steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 low carbon-high alloy steels

STEEL-CR18NI10TI

1983-11-07

UF stainless steel-z6cnt18-10

UF stainless steel-z8cnt18-10

UF steel-08kh18n10t

UF steel-0kh18n10t

UF steel-1kh18n10t

UF steel-kh18n10t

- *BT1 austenitic steels
- *BT1 chromium-nickel steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 titanium additions
- NT1 stainless steel-321

STEEL-CR18NI11

1983-11-07

UF steel-din-1-4948

- *BT1 austenitic steels
- *BT1 chromium-nickel steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- NT1 steel-x6crni1811

STEEL-CR18NI11NB

1983-11-07

- *BT1 austenitic steels
- *BT1 chromium-nickel steels
- *BT1 corrosion resistant alloys
- *BT1 heat resisting alloys
- *BT1 niobium additions
- NT1 stainless steel-347

STEEL-CR18NI11NBCO

INIS: 1983-11-07; ETDE: 1984-02-10

- *BT1 austenitic steels
- *BT1 chromium-nickel steels
- *BT1 cobalt additions

*BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 niobium additions
NT1 stainless steel-348

STEEL-CR18NI12

1983-11-07

*BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
NT1 stainless steel-305

STEEL-CR18NI12Ti

1983-11-07

UF steel-kh18n12t
 *BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 titanium additions

STEEL-CR18NI8

1983-11-07

*BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
NT1 stainless steel-18-8

STEEL-CR18NI9

1983-11-07

UF steel-1kh18n9
UF steel-7kh18n9
UF steel-din-1-4301
UF steel-kh18n9
 *BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
NT1 stainless steel-302

STEEL-CR18NI9Ti

1983-11-07

UF steel-0kh18n9t
UF steel-1kh18n9t
UF steel-kh18n9t
 *BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 titanium additions

STEEL-CR19NI10

1983-11-07

*BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
NT1 stainless steel-304

STEEL-CR19NI10-L

1983-11-07

*BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 low carbon-high alloy steels
NT1 stainless steel-304l

STEEL-CR20NI11

1983-11-07

*BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
NT1 stainless steel-308

STEEL-CR20NI11-L

1983-11-07

*BT1 austenitic steels
 *BT1 chromium-nickel steels

*BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 low carbon-high alloy steels
NT1 stainless steel-308l

STEEL-CR21MN9NI6

1983-11-07

*BT1 austenitic steels
 *BT1 chromium alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 manganese alloys
 *BT1 nickel alloys
 *BT1 nitrogen additions
 *BT1 stainless steels
NT1 stainless steel-21-6-9

steel-cr21ni5ti

INIS: 1997-01-28; ETDE: 1983-11-19

(Until October 1996 this was a valid descriptor.)

USE chromium steels
 USE nickel alloys

steel-cr22ni5ti

INIS: 1997-01-28; ETDE: 1983-11-19

(Until October 1996 this was a valid descriptor.)

USE chromium steels
 USE nickel alloys

STEEL-CR23NI14

1983-11-07

*BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
NT1 stainless steel-309
NT1 stainless steel-309s

STEEL-CR23NI18

1983-11-07

UF steel-kh23n18
 *BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys

STEEL-CR25

1983-11-07

UF steel-kh25
 *BT1 chromium steels
 *BT1 corrosion resistant alloys
 *BT1 ferritic steels
 *BT1 heat resisting alloys
NT1 stainless steel-446

STEEL-CR25NI20

1983-11-07

UF alloy-ck-20
UF hk 40
 *BT1 austenitic steels
 *BT1 chromium-nickel steels
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
NT1 alloy-hk-40
NT1 stainless steel-310

steel-cr26ni5mo-l

INIS: 1997-01-28; ETDE: 1983-11-19

(Until October 1996 this was a valid descriptor.)

USE chromium steels
 USE low carbon-high alloy steels
 USE molybdenum alloys
 USE nickel alloys

STEEL-CR2MO

INIS: 1996-11-13; ETDE: 1983-11-09

(From May 1979 till March 1997 STEEL-10CD9-10 was a valid ETDE descriptor; from

May 1979 till June 1989 STEEL-15CD9-10 was a valid ETDE descriptor.)

UF croloy 2
UF steel-10cd9-10
UF steel-15cd9-10
UF steel-astm-a387 (gr 21)
UF steel-astm-a387 (gr 22)
 *BT1 chromium alloys
 *BT1 croloy
 *BT1 low alloy steels
 *BT1 molybdenum additions
NT1 steel-astm-a542

STEEL-CR2MONINB

1983-11-07

UF sandvik-ht8x6
UF steel-10crninb910
UF steel-3hk5s
UF steel-din-1-6770
 *BT1 chromium alloys
 *BT1 heat resisting alloys
 *BT1 low alloy steels
 *BT1 molybdenum additions
 *BT1 nickel additions
 *BT1 niobium additions
 RT ferrite

STEEL-CR2MOV

1983-11-07

UF steel-15kh2mfa
 *BT1 chromium alloys
 *BT1 copper additions
 *BT1 heat resisting alloys
 *BT1 low alloy steels
 *BT1 molybdenum additions
 *BT1 nickel additions
 *BT1 vanadium additions

STEEL-CR2NIMOV

INIS: 1986-05-23; ETDE: 1990-11-26

*BT1 chromium alloys
 *BT1 copper additions
 *BT1 low alloy steels
 *BT1 molybdenum additions
 *BT1 nickel alloys
 *BT1 vanadium additions

STEEL-CR5MO

1983-11-07

UF croloy 5
UF steel-astm-a387 (gr 5)
UF steel-kh5m
 *BT1 chromium alloys
 *BT1 croloy
 *BT1 low alloy steels
 *BT1 molybdenum additions

STEEL-CR9MO

INIS: 1984-02-23; ETDE: 1990-11-26

*BT1 chromium steels
 *BT1 ferritic steels
 *BT1 molybdenum additions

STEEL-CR9MONBV

INIS: 1996-11-13; ETDE: 1983-11-19

(Until October 1996 this was a valid descriptor.)

UF steel-z10cdnbv9
 *BT1 chromium steels
 *BT1 ferritic steels
 *BT1 molybdenum alloys
 *BT1 niobium additions
 *BT1 vanadium additions

STEEL-CR18NI12

1983-11-07

UF steel-38khmyua
 *BT1 aluminium additions
 *BT1 chromium alloys
 *BT1 low alloy steels
 *BT1 molybdenum additions

*BT1 nickel additions

STEEL-CRMO

1983-11-07

UF steel-12khm
UF steel-astm-a387 (gr 11)
UF steel-astm-a387 (gr 12)
UF steel-astm-a387 (gr 2)
*BT1 chromium additions
*BT1 low alloy steels
*BT1 molybdenum additions
*BT1 nickel additions

STEEL-CRMOV

1983-11-07

UF steel-12kh1mf
UF steel-15kh1m1f
UF steel-15kh1m1fl
UF steel-28cdv508
UF steel-5kh2mf
*BT1 chromium alloys
*BT1 copper additions
*BT1 low alloy steels
*BT1 molybdenum additions
*BT1 nickel additions
*BT1 vanadium additions

STEEL-CRNI

1983-11-07

UF steel-20kh
UF steel-40kh
UF steel-astm-a350 (gr 4)
*BT1 chromium additions
*BT1 copper additions
*BT1 low alloy steels
*BT1 nickel additions

steel-din-1-4301

INIS: 1983-11-07; ETDE: 1980-08-12
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18ni9

steel-din-1-4449

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-din-1-4919

INIS: 1983-11-18; ETDE: 1980-08-12
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr17ni12mo3

steel-din-1-4948

INIS: 1983-11-07; ETDE: 1979-05-29
Equivalent to STAINLESS STEEL-304.
(prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr18ni11

steel-din-1-4970

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr15ni15motib

steel-din-1-4981

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr16ni16monb

steel-din-1-4988

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr16ni13monbv

steel-din-1-6310

INIS: 1983-11-08; ETDE: 1980-05-07
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-mnnmimo

steel-din-1-6342

INIS: 1983-11-07; ETDE: 1980-08-12
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-mnnmimov

steel-din-1-6343

INIS: 1983-11-08; ETDE: 1980-08-12
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-mnnmimo

steel-din-1-6348

INIS: 1996-07-23; ETDE: 1980-08-12
(Prior to March 1989 this was a valid ETDE descriptor; from March 1989 till March 1997 STEEL-NI3MOV was used for this concept.)
USE low alloy steels
USE nickel alloys

steel-din-1-6742

INIS: 1983-11-08; ETDE: 1980-08-12
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-ni3crmo

steel-din-1-6751

INIS: 1983-11-07; ETDE: 1980-08-12
USE steel-nimocr

steel-din-1-6770

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr2moninb

steel-din-1-6950

INIS: 1983-11-07; ETDE: 1980-08-12
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-ni3crmov

steel-ehp 678

INIS: 1983-11-07; ETDE: 2002-06-13
USE steel-cr11ni10mo2ti-l

steel-ehp 679

INIS: 1983-11-07; ETDE: 2002-06-13
USE steel-cr11ni10mo2ti-l

steel-ehp678

INIS: 2000-04-12; ETDE: 1979-06-21
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr11ni10mo2ti-l

steel-ehp679

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-cr11ni10mo2ti-l

steel-ehp699

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel-molybdenum steels

steel-hi-9

INIS: 1985-09-06; ETDE: 2002-06-13
USE steel-cr12mov

STEEL-IN-787

INIS: 2000-04-12; ETDE: 1976-08-24
*BT1 carbon steels
*BT1 copper alloys

*BT1 molybdenum alloys

*BT1 nickel alloys

*BT1 niobium alloys

steel industry

INIS: 1992-03-10; ETDE: 1979-12-10
USE metal industry

steel-jfms

INIS: 1988-03-08; ETDE: 2002-06-13
USE steel-cr10mo2

steel-kh12

INIS: 1983-11-07; ETDE: 1979-05-31
USE steel-cr12

steel-kh12m

INIS: 1983-11-08; ETDE: 1979-05-29
USE steel-cr12mov

steel-kh12n20t3p

INIS: 2000-04-12; ETDE: 1979-05-31
(Prior to June 1989 this was a valid ETDE descriptor. From then till March 1997 nickel-CHROMIUM STEELS was used for this concept.)
USE chromium alloys
USE nickel steels

steel-kh13

INIS: 1983-11-07; ETDE: 1979-05-31
USE steel-cr13

steel-kh13s2yu2bt

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium steels

steel-kh14k9n6m5

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel-molybdenum steels

steel-kh14n8yum2

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-kh15n20m2t2

INIS: 2000-04-12; ETDE: 1979-05-29
USE chromium-nickel-molybdenum steels

steel-kh15n7yum2

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-kh15n9yu

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-kh16n15m3b

INIS: 1983-11-07; ETDE: 1979-05-29
USE steel-cr16ni15mo3nb

steel-kh16n9m2

INIS: 2003-01-23; ETDE: 1979-05-29
(Prior to January 2003 this was a valid descriptor.)
USE steel-cr16ni9mo2

steel-kh17n13m2t

INIS: 1983-11-07; ETDE: 1979-05-29
USE steel-cr17ni13mo2ti

steel-kh17n13m3t

INIS: 1983-11-07; ETDE: 1979-05-29
USE steel-cr17ni13mo3ti

steel-kh17n5m3

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel-molybdenum steels

steel-kh18

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18

steel-kh18n10

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18ni10

steel-kh18n10t

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18ni10ti

steel-kh18n12t

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18ni12ti

steel-kh18n22v2t2

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to June 1989 this was a valid ETDE descriptor. From then till March 1997 NICKEL-CHROMIUM STEELS was used for this concept.)
USE chromium alloys
USE nickel steels

steel-kh18n8

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)
USE chromium-nickel steels

steel-kh18n9

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18ni9

steel-kh18n9t

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr18ni9ti

steel-kh20n45b

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)
USE alloy-ni45fe34cr20

steel-kh23n18

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr23ni18

steel-kh25

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr25

steel-kh5m

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to December 1988 this was a valid ETDE descriptor.)
USE steel-cr5mo

steel-khn35vt

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to June 1989 this was a valid ETDE descriptor. From then till March 1997 NICKEL-CHROMIUM STEELS was used for this concept.)
USE chromium alloys
USE nickel steels

STEEL-MNCUMO

1983-11-07
*BT1 chromium additions
*BT1 copper additions
*BT1 low alloy steels
*BT1 manganese alloys
*BT1 molybdenum additions
*BT1 nickel additions
NT1 steel-astm-a537

STEEL-MNMO

1983-11-07
UF steel-astm-a533 (gr c)
UF steel-astm-a533 (gr d)
*BT1 low alloy steels
*BT1 manganese alloys
*BT1 molybdenum additions
NT1 steel-astm-a302

STEEL-MNNIMO

INIS: 1999-05-27; ETDE: 1983-11-09
UF steel-astm-a508 (gr 3)
UF steel-astm-a533 (gr a)
UF steel-din-1-6310
UF steel-din-1-6343
*BT1 low alloy steels
*BT1 manganese alloys
*BT1 molybdenum additions
*BT1 nickel additions
NT1 steel-astm-a533-b

STEEL-MNNIMOV

1983-11-07
UF steel-din-1-6342
*BT1 low alloy steels
*BT1 manganese alloys
*BT1 molybdenum additions
*BT1 nickel alloys
*BT1 vanadium additions

steel-n26kht1

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to June 1989 this was a valid ETDE descriptor. From then till March 1997 NICKEL-CHROMIUM STEELS was used for this concept.)
USE chromium alloys
USE nickel steels

steel-n36khtyu

INIS: 1983-11-07; ETDE: 1979-05-29
(Prior to March 1989 this was a valid ETDE descriptor.)
USE steel-ni36cr12ti3al-l

steel-ni17cr14moti-l

INIS: 1997-01-28; ETDE: 1990-11-26
(Until October 1996 this was a valid descriptor.)
USE austenitic steels
USE chromium-nickel-molybdenum steels
USE low carbon-high alloy steels

STEEL-NI25CR20

1983-11-07
*BT1 austenitic steels

*BT1 chromium-nickel steels
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
NT1 stainless steel-20-25

STEEL-NI26CR15TI2MOVALB

1983-11-07
*BT1 aluminium additions
*BT1 austenitic steels
*BT1 boron additions
*BT1 chromium-nickel-molybdenum steels
*BT1 corrosion resistant alloys
*BT1 heat resisting alloys
*BT1 titanium alloys
*BT1 vanadium additions
NT1 alloy-a-286

STEEL-NI36CR12TI3AL-L

1983-11-07
UF steel-n36khtyu
SF alloy-ehi 702
*BT1 aluminium additions
*BT1 chromium-nickel steels
*BT1 corrosion resistant alloys
*BT1 low carbon-high alloy steels
*BT1 titanium alloys

steel-ni36cr18

INIS: 1997-01-28; ETDE: 1983-11-19
(Until October 1996 this was a valid descriptor.)
USE austenitic steels
USE chromium-nickel steels

STEEL-NI3CR

1983-11-07
UF steel-12kh2nch
UF steel-12khn3
UF steel-12khn3a
*BT1 chromium additions
*BT1 copper additions
*BT1 low alloy steels
*BT1 nickel alloys

STEEL-NI3CRMO

1983-11-07
UF steel-astm-a508 (gr 4)
UF steel-din-1-6742
*BT1 chromium alloys
*BT1 low alloy steels
*BT1 molybdenum additions
*BT1 nickel alloys
*BT1 vanadium additions
NT1 steel-astm-a543

STEEL-NI3CRMV

1983-11-07
UF steel-astm-a508 (gr 5)
UF steel-din-1-6950
*BT1 chromium alloys
*BT1 low alloy steels
*BT1 molybdenum additions
*BT1 nickel alloys
*BT1 vanadium additions

steel-ni3mov

INIS: 1996-07-23; ETDE: 1983-11-10
(Until July 1996 this was a valid descriptor.)
USE low alloy steels
USE nickel alloys

steel-ni4

INIS: 1997-01-28; ETDE: 1984-02-10
(Until October 1996 this was a valid descriptor.)
USE low alloy steels
USE nickel alloys

STEEL-NI4CRW

1983-11-07
UF steel-18kh2n4va
*BT1 chromium alloys

- *BT1 copper additions
- *BT1 low alloy steels
- *BT1 nickel alloys
- *BT1 tungsten additions

STEEL-NICR

1983-11-07

- UF steel-40khn
- *BT1 chromium additions
- *BT1 copper additions
- *BT1 low alloy steels
- *BT1 nickel alloys

STEEL-NICRMO

1983-11-07

- UF steel-40khnma
- *BT1 chromium additions
- *BT1 copper additions
- *BT1 low alloy steels
- *BT1 molybdenum additions
- *BT1 nickel alloys
- *BT1 nitrogen additions

STEEL-NIMOCR

1983-11-07

- UF steel-22nimocr37
- UF steel-astm-a508 (gr 2)
- UF steel-din-1-6751
- *BT1 chromium additions
- *BT1 heat resisting alloys
- *BT1 low alloy steels
- *BT1 molybdenum additions
- *BT1 nickel additions

steel-r18

INIS: 2000-04-12; ETDE: 1979-06-21
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium steels

steel-sae-1006

INIS: 1997-01-28; ETDE: 1977-04-13
(Until October 1996 this was a valid descriptor.)

USE carbon steels

STEEL-SAE-1045

INIS: 2000-04-12; ETDE: 1979-06-21

*BT1 carbon steels

steel vnt

INIS: 1997-01-28; ETDE: 1978-12-20
(Prior to March 1997 this was a valid ETDE descriptor.)

USE manganese steels

steel-vzh102

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to June 1989 this was a valid ETDE descriptor. From then till March 1997 NICKEL-CHROMIUM STEELS was used for this concept.)

USE chromium alloys
USE nickel steels

steel-x20crmov 121

INIS: 1984-04-25; ETDE: 2002-06-13

USE steel-cr12moniv

STEEL-X6CRNI1811

INIS: 1993-10-03; ETDE: 1979-05-29

*BT1 steel-cr18ni11

steel-z10cdnbv9

INIS: 1997-01-28; ETDE: 1979-05-29
(Prior to March 1997 this was a valid ETDE descriptor.)

USE steel-cr9monbv

steel-z10cdv7

INIS: 2000-04-12; ETDE: 1979-05-29
(Prior to 1989 this was a valid ETDE descriptor.)

USE chromium-molybdenum steels

STEELS

- UF steel-12kh2mv8fb
- UF steel-12kh2v5fb
- UF steel-18mnv6
- SF steel-60kh3g8n8v
- *BT1 carbon additions
- *BT1 iron base alloys
- NT1 austenitic steels
- NT2 steel-cr15ni15motib
- NT2 steel-cr16ni13monbv
- NT2 steel-cr16ni15mo3nb
- NT2 steel-cr16ni16monb
- NT2 steel-cr16ni8mo2
- NT3 stainless steel-16-8-2
- NT2 steel-cr17ni12mo3
- NT3 stainless steel-316
- NT2 steel-cr17ni12mo3-l
- NT3 stainless steel-316l
- NT3 stainless steel-zcnd17-13
- NT2 steel-cr17ni12monb
- NT2 steel-cr17ni13
- NT2 steel-cr17ni13mo2ti
- NT2 steel-cr17ni13mo3ti
- NT2 steel-cr17ni7
- NT3 stainless steel-301
- NT2 steel-cr18ni10
- NT3 stainless steel-18-10
- NT2 steel-cr18ni10-l
- NT2 steel-cr18ni10ti
- NT3 stainless steel-321
- NT2 steel-cr18ni11
- NT3 steel-x6crni1811
- NT2 steel-cr18ni11nb
- NT3 stainless steel-347
- NT2 steel-cr18ni11nbco
- NT3 stainless steel-348
- NT2 steel-cr18ni12
- NT3 stainless steel-305
- NT2 steel-cr18ni12ti
- NT2 steel-cr18ni8
- NT3 stainless steel-18-8
- NT2 steel-cr18ni9
- NT3 stainless steel-302
- NT2 steel-cr18ni9ti
- NT2 steel-cr19ni10
- NT3 stainless steel-304
- NT2 steel-cr19ni10-l
- NT3 stainless steel-304l
- NT2 steel-cr20ni11
- NT3 stainless steel-308
- NT2 steel-cr20ni11-l
- NT3 stainless steel-308l
- NT2 steel-cr21mn9ni6
- NT3 stainless steel-21-6-9
- NT2 steel-cr23ni14
- NT3 stainless steel-309
- NT3 stainless steel-309s
- NT2 steel-cr23ni18
- NT2 steel-cr25ni20
- NT3 alloy-hk-40
- NT3 stainless steel-310
- NT2 steel-ni25cr20
- NT3 stainless steel-20-25
- NT2 steel-ni26cr15ti2movalb
- NT3 alloy-a-286
- NT1 carbon steels
- NT2 steel-astm-a105
- NT2 steel-astm-a106
- NT2 steel-astm-a212
- NT2 steel-astm-a285
- NT2 steel-astm-a516
- NT2 steel-astm-a533-b
- NT2 steel-in-787

NT2 steel-sae-1045

NT1 croloy

NT2 steel-cr13

NT3 stainless steel-410

NT2 steel-cr16

NT3 stainless steel-430

NT2 steel-cr18ni10

NT3 stainless steel-18-10

NT2 steel-cr2mo

NT3 steel-astm-a542

NT2 steel-cr5mo

NT1 ferritic steels

NT2 steel-cr12moniv

NT2 steel-cr13al

NT3 stainless steel-405

NT2 steel-cr16

NT3 stainless steel-430

NT2 steel-cr25

NT3 stainless steel-446

NT2 steel-cr9mo

NT2 steel-cr9monbv

NT1 high alloy steels

NT2 stainless steels

NT3 chromium-nickel steels

NT4 alloy-d-9

NT4 carpenter

NT4 chromium-nickel-molybdenum steels

NT5 alloy-m-813

NT5 steel-cr11ni10mo2ti-l

NT5 steel-cr15ni15motib

NT5 steel-cr16ni13monbv

NT5 steel-cr16ni15mo3nb

NT5 steel-cr16ni16monb

NT5 steel-cr16ni8mo2

NT6 stainless steel-16-8-2

NT5 steel-cr16ni9mo2

NT5 steel-cr17ni12mo3

NT6 stainless steel-316

NT5 steel-cr17ni12mo3-l

NT6 stainless steel-316l

NT6 stainless steel-zcnd17-13

NT5 steel-cr17ni12monb

NT5 steel-cr17ni13mo2ti

NT5 steel-cr17ni13mo3ti

NT5 steel-ni26cr15ti2movalb

NT6 alloy-a-286

NT4 durco

NT4 enduro

NT4 stainless steel-17-7ph

NT4 stainless steel-303

NT4 stainless steel-329

NT4 stainless steel-ph-15-7-mo

NT4 steel-cr17ni13

NT4 steel-cr17ni7

NT5 stainless steel-301

NT4 steel-cr18ni10

NT5 stainless steel-18-10

NT4 steel-cr18ni10-l

NT4 steel-cr18ni10ti

NT5 stainless steel-321

NT4 steel-cr18ni11

NT5 steel-x6crni1811

NT4 steel-cr18ni11nb

NT5 stainless steel-347

NT4 steel-cr18ni11nbco

NT5 stainless steel-348

NT4 steel-cr18ni12

NT5 stainless steel-305

NT4 steel-cr18ni12ti

NT4 steel-cr18ni8

NT5 stainless steel-18-8

NT4 steel-cr18ni9

NT5 stainless steel-302

NT4 steel-cr18ni9ti

NT4 steel-cr19ni10

NT5 stainless steel-304

NT4 steel-cr19ni10-l

NT5 stainless steel-304l

NT4 steel-cr20ni11
NT5 stainless steel-308
NT4 steel-cr20ni11-l
NT5 stainless steel-308l
NT4 steel-cr23ni14
NT5 stainless steel-309
NT5 stainless steel-309s
NT4 steel-cr23ni18
NT4 steel-cr25ni20
NT5 alloy-hk-40
NT5 stainless steel-310
NT4 steel-ni25cr20
NT5 stainless steel-20-25
NT4 steel-ni36cr12ti3al-l
NT4 timken alloys
NT3 chromium steels
NT4 chromium-molybdenum steels
NT5 chromium-nickel-molybdenum steels
NT6 alloy-m-813
NT6 steel-cr11ni10mo2ti-l
NT6 steel-cr15ni15motib
NT6 steel-cr16ni13monbv
NT6 steel-cr16ni15mo3nb
NT6 steel-cr16ni16monb
NT6 steel-cr16ni8mo2
NT7 stainless steel-16-8-2
NT6 steel-cr16ni9mo2
NT6 steel-cr17ni12mo3
NT7 stainless steel-316
NT6 steel-cr17ni12mo3-l
NT7 stainless steel-316l
NT7 stainless steel-zcnd17-13
NT6 steel-cr17ni12monb
NT6 steel-cr17ni13mo2ti
NT6 steel-cr17ni13mo3ti
NT6 steel-ni26cr15ti2movalb
NT7 alloy-a-286
NT4 magnet steel-ks
NT4 miduale
NT4 stainless steel-406
NT4 steel-cr10mo2
NT4 steel-cr12
NT5 stainless steel-403
NT4 steel-cr12moniv
NT4 steel-cr12mov
NT5 alloy-ht-9
NT4 steel-cr13
NT5 stainless steel-410
NT4 steel-cr13al
NT5 stainless steel-405
NT4 steel-cr16
NT5 stainless steel-430
NT4 steel-cr16ni
NT4 steel-cr17cu4ni4nb-l
NT5 stainless steel-17-4ph
NT4 steel-cr17mo
NT5 stainless steel-440
NT4 steel-cr17ni4mo3
NT4 steel-cr18
NT4 steel-cr25
NT5 stainless steel-446
NT4 steel-cr9mo
NT4 steel-cr9monbv
NT3 low carbon-high alloy steels
NT4 steel-cr11ni10mo2ti-l
NT4 steel-cr17cu4ni4nb-l
NT5 stainless steel-17-4ph
NT4 steel-cr17ni12mo3-l
NT5 stainless steel-316l
NT5 stainless steel-zcnd17-13
NT4 steel-cr18ni10-l
NT4 steel-cr19ni10-l
NT5 stainless steel-304l
NT4 steel-cr20ni11-l
NT5 stainless steel-308l
NT4 steel-ni36cr12ti3al-l
NT3 stainless steel-317
NT3 stainless steel-318

NT3 stainless steel-422
NT3 stainless steel-fv-548
NT3 stainless steel-jbk-75
NT3 stainless steel m-50
NT3 steel-cr21mn9ni6
NT4 stainless steel-21-6-9
NT3 sweetalloy
NT1 low alloy steels
NT2 steel-astm-a350
NT2 steel-astm-a387
NT2 steel-astm-a508
NT2 steel-astm-a533
NT2 steel-cr2mo
NT3 steel-astm-a542
NT2 steel-cr2moninb
NT2 steel-cr2mov
NT2 steel-cr2nimov
NT2 steel-cr5mo
NT2 steel-cralnimo
NT2 steel-crmo
NT2 steel-crmov
NT2 steel-crni
NT2 steel-mncumo
NT3 steel-astm-a537
NT2 steel-mnmo
NT3 steel-astm-a302
NT2 steel-mnnimo
NT3 steel-astm-a533-b
NT2 steel-mnnimov
NT2 steel-ni3cr
NT2 steel-ni3crmo
NT3 steel-astm-a543
NT2 steel-ni3crmov
NT2 steel-ni4crw
NT2 steel-nicr
NT2 steel-nicrmo
NT2 steel-nimocr
NT1 manganese steels
NT1 martensitic steels
NT2 maraging steels
NT2 steel-cr10mo2
NT2 steel-cr12
NT3 stainless steel-403
NT2 steel-cr12mov
NT3 alloy-ht-9
NT2 steel-cr13
NT3 stainless steel-410
NT2 steel-cr16ni
NT2 steel-cr17cu4ni4nb-l
NT3 stainless steel-17-4ph
NT2 steel-cr17mo
NT3 stainless steel-440
NT2 steel-cr18
NT1 nickel steels
NT2 sweetalloy
NT1 steel-astm-a572
RT bainite
RT cementite
RT decarburization
RT ferrite
RT martensite
RT pearlite

steenstrupine

INIS: 1997-01-28; ETDE: 1991-10-22
 (Until October 1996 this was a valid descriptor.)

USE phosphate minerals
 USE silicate minerals
 USE thorium minerals
 USE uranium minerals

STEK REACTOR

UF krito critical assembly
UF petten stek reactor
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 thermal reactors

STELLAR ACTIVITY

1984-12-04

NT1 solar activity
NT2 faculae
NT2 plagues
NT2 solar flares
NT2 solar granulation
NT2 solar prominences
NT2 solar radio bursts
NT2 solar wind
NT2 solar x-ray bursts
NT2 sunspots
NT1 starspots
NT2 sunspots
NT1 stellar flares
NT2 solar flares
NT1 stellar winds
NT2 solar wind
RT cosmic radiation
RT stars
RT stellar radiation

STELLAR ATMOSPHERES

For the Sun use SOLAR ATMOSPHERE or one of its NTs.

BT1 atmospheres
NT1 solar atmosphere
NT2 chromosphere
NT2 heliosphere
NT2 photosphere
NT2 solar corona
NT1 stellar chromospheres
NT1 stellar coronae
NT2 solar corona
NT1 stellar magnetospheres
RT stars
RT starspots

stellar burning

INIS: 1978-08-30; ETDE: 1978-10-19
 USE star burning

STELLAR CHROMOSPHERES

INIS: 1984-11-30; ETDE: 1984-12-27
 *BT1 stellar atmospheres

STELLAR CORONAE

INIS: 1984-02-22; ETDE: 1984-03-06
For the Sun use SOLAR CORONA.
UF coronae (stellar)
 *BT1 stellar atmospheres
NT1 solar corona

STELLAR FLARES

For the Sun use SOLAR FLARES.
BT1 stellar activity
NT1 solar flares
RT stars
RT starspots
RT stellar winds

STELLAR MAGNETOSPHERES

UF magnetospheres (stellar)
 *BT1 stellar atmospheres
RT magnetic stars

STELLAR RADIATION

INIS: 1976-02-11; ETDE: 1975-07-29
BT1 radiations
NT1 solar radiation
NT2 diffuse solar radiation
NT2 direct solar radiation
NT2 solar particles
NT3 solar alpha particles
NT3 solar electrons
NT3 solar neutrinos
NT3 solar neutrons
NT3 solar protons
NT2 solar radiowave radiation
RT cosmic radiation
RT stellar activity

stellar spots

INIS: 1984-02-22; ETDE: 1984-03-06
USE starspots

STELLAR WINDS

For the Sun use SOLAR WIND.
SF mass loss
BT1 stellar activity
NT1 solar wind
RT stars
RT stellar flares

STELLARATOR MODEL C

*BT1 stellarators

STELLARATOR TYPE REACTORS

INIS: 1995-01-16; ETDE: 1976-09-15
BT1 thermonuclear reactors
RT stellarators

STELLARATORS

1996-07-18
(CLASP DEVICE, PULSATOR
STELLARATOR, TOR DEVICES, and W
STELLARATORS have been valid ETDE
descriptors.)
UF clasp device
UF pulsator stellarator
UF tor devices
*BT1 closed plasma devices
NT1 cleo stellarator
NT1 heliac stellarators
NT2 h-1 heliac
NT2 hsx stellarator
NT2 sheila heliac
NT2 tj-ii heliac
NT1 heliotron-e stellarator
NT1 ims stellarator
NT1 jipp stellarator
NT1 jippt-2 device
NT1 l-2 stellarator
NT1 proto-cleo stellarators
NT1 sirius device
NT1 stellarator model c
NT1 torsatron stellarators
NT2 atf torsatron
NT2 chs torsatron
NT2 tj-iu torsatron
NT2 vint torsatron
NT1 uragan stellarator
NT1 wega stellarator
NT1 wendelstein-2b stellarator
NT1 wendelstein-7 stellarator
RT banana regime
RT divertors
RT kruskal limit
RT magnetic surfaces
RT marfe
RT mode rational surfaces
RT pfirsch-schlueter regime
RT plasma radial profiles
RT sawtooth oscillations
RT stellarator type reactors

STELLITE

1996-11-13
UF alloy-co62cr28mo6ni3
UF alloy-co64cr29w4
UF alloy-co66cr26w6
UF alloy-hs-21
UF haynes stellite no 21
UF stellite 156
*BT1 cobalt base alloys
NT1 alloy-co54cr20w15ni10
NT2 alloy-hs-25
NT2 haynes 25 alloy
NT1 alloy-co60cr30w4
NT2 stellite 6
NT1 alloy-hs-31

stellite 156

INIS: 1996-07-17; ETDE: 1978-10-30
(Until July 1996 this was a valid descriptor.)
USE chromium alloys
USE stellite
USE tungsten alloys

STELLITE 6

INIS: 1993-10-03; ETDE: 1978-10-30
UF alloy-hs-6
UF stooody
*BT1 alloy-co60cr30w4

stellite 6 (deloro)

INIS: 1996-11-13; ETDE: 1984-07-10
USE deloro stellite 6

stem (plant)

USE plant stems

STEM CELLS

*BT1 somatic cells
RT blood formation
RT bone marrow
RT colony forming units
RT spermatogenesis

STEMMING MATERIALS

INIS: 2000-04-12; ETDE: 1979-08-08
BT1 materials
RT boreholes
RT grouting

STENDAL-1 REACTOR

INIS: 1986-08-19; ETDE: 1986-09-05
Stendal, Federal Republic of Germany.
*BT1 wwer type reactors

stepanov method

INIS: 2000-04-12; ETDE: 1980-02-11
SEE inverted stepanov method

stepper motors

2006-07-03
Electric motors which turn through a certain
angle, e.g. 90 deg, when a pulsed signal is
applied.
SEE electric motors

STEREOCHEMISTRY

RT enantiomorphs
RT isomers
RT ligands
RT molecular structure
RT optical activity
RT racemates
RT racemization

STERILE INSECT RELEASE

RT agriculture
RT insect dispersal
RT pest control
RT radiosterilization
RT sterile male technique
RT sterility
RT sterilization

STERILE MALE TECHNIQUE

RT agriculture
RT insect dispersal
RT insects
RT mass rearing
RT parasites
RT pest control
RT radiosterilization
RT sterile insect release
RT sterilization

STERILE NEUTRINOS

2016-12-12
hypothetical neutrinos interacting only
through gravity.
UF inert neutrinos
*BT1 neutrinos
*BT1 postulated particles

STERILITY

RT fertility
RT genetic control
RT reproductive disorders
RT sterile insect release

STERILIZATION

UF disinfection
NT1 radiosterilization
NT2 radappertization
RT bacterial spores
RT chemosterilants
RT disinfestation
RT food
RT germicides
RT grain disinfestation
RT inactivation
RT pasteurization
RT preservation
RT sterile insect release
RT sterile male technique

STERLING-1 REACTOR

Rochester Gas and Electric Corp., Oswego,
New York, USA. Canceled in 1980 before
construction began.
*BT1 pwr type reactors

STERLING-2 REACTOR

2000-04-12
Rochester Gas and Electric Corp., Oswego,
New York, USA. Canceled in 1980 before
construction began.
*BT1 pwr type reactors

STERLING EVENT

BT1 vela project

STERN-GERLACH EXPERIMENT

RT beams
RT measuring methods
RT spin orientation

STERNHEIMER FORMULA

RT multiples

STEROID HORMONES

BT1 hormones
NT1 androgens
NT2 androstenedione
NT2 androsterone
NT2 hydroxyandrosterone
NT2 testosterone
NT1 corticosteroids
NT2 glucocorticoids
NT3 corticosterone
NT3 cortisone
NT3 dexamethasone
NT3 hydrocortisone
NT3 prednisolone
NT3 prednisone
NT2 mineralocorticoids
NT3 aldosterone
NT1 estrogens
NT2 estradiol
NT3 fluoroestradiol
NT2 estriol
NT2 estrone
NT1 progesterone
RT adrenal hormones

STEROIDS

BT1 organic compounds
NT1 androstanes

NT2 androgens
NT3 androstenedione
NT3 androsterone
NT3 hydroxyandrostenone
NT3 testosterone
NT1 estranes
NT2 estradiol
NT3 fluoroestradiol
NT2 estriol
NT2 estrone
NT1 pregnanes
NT2 corticosteroids
NT3 glucocorticoids
NT4 corticosterone
NT4 cortisone
NT4 dexamethasone
NT4 hydrocortisone
NT4 prednisolone
NT4 prednisone
NT3 mineralocorticoids
NT4 aldosterone
NT2 hydroxypregnenone
NT2 progesterone
NT1 sterols
NT2 bile acids
NT3 cholic acid
NT2 cholesterol
NT2 ergosterol
NT2 sitosterol
RT cardiotonics
RT hormones
RT urinary ketosteroids

STEROLS

1996-10-23

UF lanolin
UF wool fat
***BT1** hydroxy compounds
***BT1** steroids
NT1 bile acids
NT2 cholic acid
NT1 cholesterol
NT1 ergosterol
NT1 sitosterol

stes

INIS: 2000-04-12; ETDE: 1982-05-24

USE seasonal thermal energy storage

STF REACTOR

INIS: 1977-06-13; ETDE: 1976-11-17

ANL, Argonne, Illinois, USA.

UF safety test facility reactor
***BT1** air cooled reactors
***BT1** fast reactors
***BT1** research reactors
***BT1** test reactors

STH

UF growth hormone
UF somatotrophic hormone
***BT1** pituitary hormones
RT acromegaly
RT anabolism
RT growth
RT hpl
RT somatostatin

stiffness

INIS: 1984-04-04; ETDE: 2002-06-13

USE flexibility

stilbamidine

1996-07-08

(Until June 1996 this was a valid descriptor.)

USE amidines

STILBENE

UF 1,2-diphenylethylene
***BT1** aromatics
RT organic crystal phosphors

RT stilbestrol

STILBESTROL

***BT1** polyphenols
RT estrogens
RT stilbene

still gas

INIS: 2000-04-12; ETDE: 1979-12-10

USE refinery gases

STILLAGE

INIS: 2000-04-12; ETDE: 1980-11-25

The mash from an alcoholic fermentation after removal of the alcohol in a still.

***BT1** organic wastes
RT distillation
RT distillers dried grains
RT fermentation
RT waste product utilization

stilton-hushed echo event

INIS: 2000-04-12; ETDE: 1975-09-11

USE bedrock project

stimulants (central nervous system)

INIS: 1993-11-09; ETDE: 1981-04-20

USE analeptics

STIMULATED EMISSION

1999-10-14

BT1 emission
BT1 energy-level transitions
NT1 superradiance
RT einstein coefficients
RT electrical pumping
RT electron beam pumping
RT gasers
RT lasers
RT masers
RT nuclear pumping
RT optical pumping

stimulated emission devices

INIS: 2000-01-06; ETDE: 1981-08-21

SEE gasers
SEE lasers
SEE masers

STIMULATION

1999-04-16

UF growth stimulation
NT1 well stimulation
NT2 explosive stimulation
RT hormones
RT metabolic activation
RT mitogens
RT stimuli

stimulation (explosive)

INIS: 1975-08-22; ETDE: 2002-06-13

USE explosive stimulation

STIMULI

RT bioelectricity
RT stimulation

STIR REACTOR

Atomics International Div., Rockwell
 International, Santa Susana, California, USA.
 Shut down in 1972.

UF shield test reactor
UF str reactor (shield test)
***BT1** enriched uranium reactors
***BT1** hydride moderated reactors
***BT1** pool type reactors
***BT1** thermal reactors

STIRLING CYCLE

BT1 thermodynamic cycles
RT stirling engines
RT thermodynamics

STIRLING ENGINES

Engines that operate on the stirling thermodynamic cycle.

***BT1** heat engines
RT aaps
RT regeneration
RT regenerators
RT solar heat engines
RT stirling cycle

STIRRING

RT mixing
RT turbulence

STISHOVITE

INIS: 2000-04-12; ETDE: 1977-10-20

A mineral consisting essentially of silicon dioxide.

***BT1** oxide minerals
RT silicon oxides

stm

INIS: 2000-04-12; ETDE: 1999-09-09

USE scanning tunneling microscopy

STOCHASTIC COOLING

INIS: 1981-08-31; ETDE: 1979-10-23

Gradual reduction of emittance of coasting charged-particle beams by feedback sensing and correcting statistical fluctuations of beam position or momentum.

BT1 beam cooling
NT1 momentum cooling

stochastic momentum cooling

INIS: 1982-04-13; ETDE: 1982-05-07

USE momentum cooling

STOCHASTIC PROCESSES

NT1 markov process
RT chaos theory
RT chapman-kolmogorov equation
RT gaussian processes
RT monte carlo method
RT statistics

STOCKBARGER METHOD

BT1 crystal growth methods
RT crystal growth

stockholm r-1 reactor

USE r-1 reactor

STOCKPILES

1999-07-12

(Until July 1999 this information was indexed by INVENTORIES.)

RT reserves

stocks

INIS: 2000-04-12; ETDE: 1979-05-02

USE inventories

STOERMER THEORY

RT charged particles
RT magnetic fields

STOICHIOMETRY

1986-05-26

(Prior to June 1986 CHEMICAL COMPOSITION was used for this concept.)

RT chemical composition
RT chemical reactions
RT chemistry

STOKERS

INIS: 1992-03-16; ETDE: 1976-09-14

Mechanical devices used in boilers or furnaces for feeding coal, removing refuse, controlling air supply, and mixing with combustibles for efficient combustion.

***BT1** fuel feeding systems
RT boilers

RT burners
RT coal
RT furnaces

STOKES LAW

RT viscous flow

STOKES NUMBER

2013-07-19

BT1 dimensionless numbers
BT1 fluid flow
RT drag
RT flow rate
RT particles

STOKES PARAMETERS

RT polarization

STOMACH

UF rumen
*BT1 gastrointestinal tract
*BT1 organs
RT gastrectomy
RT gastric acid
RT gastrin
RT intrinsic factor
RT pepsin
RT vomiting

STOMATA

INIS: 1992-09-04; ETDE: 1976-01-07

BT1 openings
RT plants
RT transpiration

stone and webster coal solution gasification process

INIS: 2000-04-12; ETDE: 1976-08-24

USE coal gasification

stone and webster gasification process

INIS: 2000-04-12; ETDE: 1976-08-04

Process for production of low-sulfur fuels from coal by stepwise addition of hydrogen to coal. Enough hydrogen is added in the first step to convert coal to liquids, which are then hydrogasified to methane, ethane, and aromatic liquid products.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE coal gasification

STONE AND WEBSTER IONICS PROCESS

2000-04-12

Desulfurization process using aqueous caustic soda solution to absorb sulfur dioxide; solution is regenerated in electrolytic cells.

*BT1 desulfurization

STONE METEORITES

BT1 meteorites
NT1 achondrites
NT1 chondrites
RT rocks

stone-webster reference pwr

INIS: 1984-06-21; ETDE: 2002-06-13

USE swessar standard plant

stooty

INIS: 2000-04-12; ETDE: 1978-12-20

USE stellite 6

stopping (particle absorption)

USE absorption

STOPPING POWER

Includes the concepts of total atomic, total linear, and total mass stopping power.

RT absorption

RT atomic number
RT density
RT energy losses
RT range
RT straggling

stoppings (ventilation barriers)

1996-04-18

USE ventilation barriers

STOR-M TOKAMAK

INIS: 1999-07-26; ETDE: 1999-09-03

Saskatchewan Torus-Modified.

*BT1 tokamak devices

STORAGE

1996-04-16

NT1 dry storage
NT1 energy storage
NT2 cold storage
NT2 compressed air energy storage
NT2 flywheel energy storage
NT2 heat storage
NT3 latent heat storage
NT3 seasonal thermal energy storage
NT3 sensible heat storage
NT3 thermochemical heat storage
NT2 magnetic energy storage
NT3 superconducting magnetic energy storage
NT2 off-peak energy storage
NT2 photochemical energy storage
NT2 pumped storage
NT1 hydrogen storage
NT1 spent fuel storage
NT2 away-from-reactor storage
NT2 monitored retrievable storage
NT1 underground storage
NT1 waste storage
NT2 radioactive waste storage
NT3 monitored retrievable storage
NT1 wet storage
RT inventories
RT storage facilities
RT stowage
RT transport
RT water reservoirs

storage (spent fuel)

2000-04-12

USE spent fuel storage

storage (wastes)

2000-04-12

USE waste storage

storage batteries

INIS: 2000-04-12; ETDE: 1976-05-13

USE electric batteries

storage batteries (lead-acid)

INIS: 1992-05-04; ETDE: 1976-05-13

USE lead-acid batteries

storage devices (data)

USE memory devices

STORAGE FACILITIES

INIS: 1984-01-18; ETDE: 1977-01-28

UF facilities (storage)
UF tank farms
RT energy facilities
RT floating roof tanks
RT inventories
RT maintenance facilities
RT natural gas
RT nuclear facilities
RT radioactive waste facilities
RT spent fuel storage
RT spent fuels
RT storage

RT terminal facilities
RT wastes

STORAGE LIFE

UF market life
RT food processing
RT lifetime
RT radiopreservation
RT sprout inhibition

storage pools (fuel)

INIS: 1985-01-17; ETDE: 2002-06-13

USE fuel storage pools

STORAGE RINGS

1996-07-08

(Prior to August 1996 PRECETRON STORAGE RING was a valid ETDE descriptor.)

UF precetron storage ring
UF rings (storage)
NT1 adone
NT1 advanced light source
NT1 advanced photon source
NT1 astrid storage ring
NT1 beijing electron-positron collider
NT1 bessy storage ring
NT1 brookhaven rhic
NT1 celsius storage ring
NT1 cern cesar
NT1 cern isr
NT1 cern lhc
NT1 cesr storage ring
NT1 cosy storage ring
NT1 dci orsay storage ring
NT1 doris storage ring
NT1 elsa stretcher ring
NT1 escar storage ring
NT1 esr storage ring
NT1 euterpe storage ring
NT1 fair accelerator complex
NT2 accelerator complexes
NT3 elsa accelerator complex
NT1 hera storage ring
NT1 indus-1
NT1 indus-2
NT1 isabelle storage rings
NT1 jefferson lab meic
NT1 lep storage rings
NT1 lns storage ring
NT1 nap-m storage ring
NT1 orsay storage rings
NT1 pampus storage ring
NT1 pep storage rings
NT2 epic storage ring
NT1 petra storage ring
NT1 popae storage ring
NT1 serpuhov tevatron
NT1 sesame storage ring
NT1 spear
NT1 spring-8 storage ring
NT1 superconducting super collider
NT1 surf ii storage ring
NT1 tristan storage rings
NT1 tsr storage ring
NT1 vep-1
NT1 vepp-2
NT1 vepp-3
NT1 vepp-4
RT accelerators
RT linac-ring accelerators
RT synchrotron radiation sources

storage tubes

USE electron tubes
USE image storage tubes

STORED ENERGY

BT1 energy
*BT1 thermodynamic properties

RT tank circuits

stores

INIS: 2000-04-12; ETDE: 1981-01-09

USE commercial buildings

STORM DOORS

INIS: 2000-04-12; ETDE: 1977-06-21

*BT1 doors

RT thermal insulation

RT weatherization

STORM WINDOWS

INIS: 2000-04-12; ETDE: 1977-06-21

*BT1 windows

RT thermal insulation

RT weatherization

STORMS

INIS: 1992-03-31; ETDE: 1975-11-26

NT1 hurricanes

NT1 monsoons

NT1 tornadoes

RT atmospheric precipitations

RT cloud cover

RT clouds

RT cyclones

RT lightning

RT meteorology

RT natural disasters

RT rain

RT runoff

RT snow

RT water waves

RT wave forces

RT weather

RT wind loads

stover

INIS: 1991-12-11; ETDE: 1979-04-11

(This concept in ETDE should be indexed by the coordination of the descriptor AGRICULTURAL WASTES with a descriptor indicating the field crop.)

USE agricultural wastes

STOVES

INIS: 1993-02-15; ETDE: 1976-08-04

UF stoves (coal burning)

UF stoves (electric)

UF stoves (gas burning)

UF stoves (wood burning)

UF wood stoves

*BT1 appliances

RT coal burning appliances

RT ovens

RT wood burning appliances

stoves (coal burning)

INIS: 1993-02-15; ETDE: 2001-03-07

USE coal burning appliances

USE stoves

stoves (electric)

INIS: 1993-02-15; ETDE: 2001-03-07

USE electric appliances

USE stoves

stoves (gas burning)

INIS: 1993-02-15; ETDE: 2001-03-07

USE gas appliances

USE stoves

stoves (wood burning)

INIS: 1993-02-15; ETDE: 2001-03-07

USE stoves

USE wood burning appliances

STOWAGE

INIS: 2000-04-12; ETDE: 1979-12-17

Positioning for safekeeping, e.g., heliostat inversion during hailstorms.

RT positioning

RT storage

STOWING

INIS: 2000-04-12; ETDE: 1979-06-06

UF packing

RT backfilling

RT strata control

RT underground mining

STP-3M DEVICE

INIS: 1993-03-10; ETDE: 1993-04-16

Nagoya University, Japan.

*BT1 toroidal screw pinch devices

str reactor (shield test)

USE stir reactor

str reactor (split table)

USE split table reactor

STRAGGLING

2008-10-20

Variation in the range of a particle traversing matter due to random collisions along its path.

Coordinate with descriptor for the particle involved.

RT charged-particle transport theory

RT energy losses

RT range

RT slowing-down

RT stopping power

STRAHLENSCHUTZKOMMISSION

INIS: 1978-11-24; ETDE: 1980-07-23

*BT1 german fr organizations

RT radiation protection

STRAIGHT-LINE PATH

APPROXIMATION

INIS: 1975-09-16; ETDE: 1975-10-01

Assumes that transverse-momentum transfer is small in high-energy particle interactions.

*BT1 approximations

RT eikonal approximation

RT linear momentum transfer

RT particle interactions

RT transverse momentum

STRAIN AGING

BT1 aging

RT cold working

STRAIN GAGES

(From September 1976 till March 1997

TENSIMETERS was a valid ETDE descriptor.)

UF gages (strain)

SF tensiometers

BT1 measuring instruments

RT extensometers

RT mechanical tests

RT strains

STRAIN HARDENING

UF shock wave hardening

UF shock-wave hardening

UF work hardening

BT1 hardening

RT cold working

RT strains

STRAIN RATE

INIS: 1986-05-23; ETDE: 1976-01-07

RT static loads

RT strains

RT tensile properties

STRAIN SOFTENING

1977-07-05

A softening of a metal exhibited during deformation. It can occur at either high or low temperatures, depending upon the metal.

UF work softening

RT strains

STRAINS

RT deformation

RT elasticity

RT poisson ratio

RT ratcheting

RT strain gages

RT strain hardening

RT strain rate

RT strain softening

RT stresses

RT tensile properties

strait event

INIS: 2000-04-12; ETDE: 1977-06-21

USE anvil project

STRAIT OF HORMUZ

INIS: 1992-06-04; ETDE: 1980-10-27

*BT1 persian gulf

STRAND BREAKS

1998-02-16

BT1 dna damages

RT biological radiation effects

RT chemical radiation effects

RT decomposition

RT dna

RT dna repair

RT molecular biology

RT pyrimidine dimers

RT radiation effects

RT radiation injuries

RT rna

strange baryons

INIS: 1987-12-21; ETDE: 1988-03-16

USE hyperons

STRANGE MESONS

INIS: 1995-08-07; ETDE: 1988-02-02

UF k-1240 resonances

UF k-1871 resonances

UF k*resonances

UF l-1770 resonances

*BT1 mesons

*BT1 strange particles

NT1 b s mesons

NT1 d s-2536 mesons

NT1 d s mesons

NT1 d*s-2110 mesons

NT1 k-1460 mesons

NT1 k-1830 mesons

NT1 k*-1410 mesons

NT1 k*-1680 mesons

NT1 k*-892 mesons

NT1 k*0-1430 mesons

NT1 k*2-1430 mesons

NT1 k*3-1780 mesons

NT1 k*4-2045 mesons

NT1 k1-1270 mesons

NT1 k1-1400 mesons

NT1 k2-1770 mesons

NT1 k2-1820 mesons

NT1 kaons

NT2 antikaons

NT3 antikaons neutral

NT2 cosmic kaons

NT2 kaons minus

NT2 kaons neutral

NT3 antikaons neutral

NT3 kaons neutral long-lived

NT3 kaons neutral short-lived

NT2 kaons plus

STRANGE PARTICLES

1995-10-04

BT1 elementary particles

NT1 hyperons

NT2 antihyperons

NT3 antilambda particles

NT3 antiomega particles

NT3 antisigma particles

NT3 antixi particles

NT2 lambda baryons

NT3 lambda-1405 baryons

NT3 lambda-1520 baryons

NT3 lambda-1600 baryons

NT3 lambda-1670 baryons

NT3 lambda-1690 baryons

NT3 lambda-1800 baryons

NT3 lambda-1810 baryons

NT3 lambda-1820 baryons

NT3 lambda-1830 baryons

NT3 lambda-1890 baryons

NT3 lambda-2100 baryons

NT3 lambda-2110 baryons

NT3 lambda particles

NT4 antilambda particles

NT2 lambda-n-2130 dibaryons

NT2 omega baryons

NT3 omega-2250 baryons

NT3 omega particles

NT4 antiomega particles

NT4 omega minus particles

NT2 sigma baryons

NT3 sigma-1385 baryons

NT3 sigma-1660 baryons

NT3 sigma-1670 baryons

NT3 sigma-1750 baryons

NT3 sigma-1770 baryons

NT3 sigma-1775 baryons

NT3 sigma-1915 baryons

NT3 sigma-1940 baryons

NT3 sigma-2030 baryons

NT3 sigma-2455 baryons

NT3 sigma particles

NT4 antisigma particles

NT4 sigma minus particles

NT4 sigma neutral particles

NT4 sigma plus particles

NT2 xi baryons

NT3 xi-1530 baryons

NT3 xi-1690 baryons

NT3 xi-1820 baryons

NT3 xi-1950 baryons

NT3 xi-2030 baryons

NT3 xi-2250 baryons

NT3 xi-2500 baryons

NT3 xi particles

NT4 antixi particles

NT4 xi minus particles

NT4 xi neutral particles

NT2 z*baryons

NT1 s quarks

NT2 s antiquarks

NT1 spurions

NT1 strange mesons

NT2 b s mesons

NT2 d s-2536 mesons

NT2 d s mesons

NT2 d*s-2110 mesons

NT2 k-1460 mesons

NT2 k-1830 mesons

NT2 k*-1410 mesons

NT2 k*-1680 mesons

NT2 k*-892 mesons

NT2 k*0-1430 mesons

NT2 k*2-1430 mesons

NT2 k*3-1780 mesons

NT2 k*4-2045 mesons

NT2 k1-1270 mesons

NT2 k1-1400 mesons

NT2 k2-1770 mesons

NT2 k2-1820 mesons

NT2 kaons

NT3 antikaons

NT4 antikaons neutral

NT3 cosmic kaons

NT3 kaons minus

NT3 kaons neutral

NT4 antikaons neutral

NT4 kaons neutral long-lived

NT4 kaons neutral short-lived

NT3 kaons plus

RT strangeness

RT strangeonium

STRANGENESS

BT1 particle properties

RT gauge invariance

RT gell-mann theory

RT strange particles

RT strangeness analog resonances

STRANGENESS ANALOG

RESONANCES

UF analog resonances (strangeness)

RT energy levels

RT nuclear reactions

RT strangeness

STRANGENESS-EXCHANGE REACTIONS

INIS: 1981-11-27; ETDE: 1979-04-12

Nuclear reactions in which strangeness of reactants is altered.

BT1 nuclear reactions

STRANGEONIU

INIS: 1995-10-04; ETDE: 1988-02-01

A bound state of strange and anti strange quarks.

*BT1 mesons

BT1 quarkonium

NT1 f2 prime-1525 mesons

RT s quarks

RT strange particles

STRASBOURG-CRONENBOURG REACTOR

Univ. of Strasbourg Reactor Dept., Strasbourg, France. Decommissioned since 2010.

*BT1 argonaut type reactors

*BT1 training reactors

STRATA CONTROL

INIS: 1993-02-16; ETDE: 1978-05-03

Measures taken to control movement of geologic strata.

UF ground control

RT caving

RT rock mechanics

RT roof bolts

RT slope stability

RT stowing

RT strata movement

STRATA MOVEMENT

INIS: 1992-08-28; ETDE: 1978-05-03

RT caving

RT geologic strata

RT ground motion

RT ground uplift

RT rock falls

RT rock mechanics

RT strata control

RT underground mining

strategic defense initiative

INIS: 1994-09-22; ETDE: 1984-11-29

USE ballistic missile defense

STRATEGIC PETROLEUM RESERVE

INIS: 1999-10-08; ETDE: 1977-10-20

*BT1 reserves

RT energy supplies

RT petroleum

RT underground storage

STRATEGIC POINTS

Points in the fuel cycle at which measurement of the flow of nuclear material would be useful for safeguards purposes.

RT material balance area

RT safeguards

STRATIFICATION

RT geologic strata

RT layers

RT stratified charge engines

STRATIFIED CHARGE ENGINES

2000-04-12

*BT1 internal combustion engines

RT automobiles

RT combustion

RT fuel injection systems

RT stratification

STRATIGRAPHY

That branch of geology which treats of the formation, composition, sequence, and correlation of the stratified rocks as parts of the earth's crust.

BT1 geology

RT geologic strata

RT geologic structures

RT geomorphology

RT layers

RT palynology

RT site characterization

STRATOSPHERE

UF high altitude (stratosphere)

BT1 earth atmosphere

RT global fallout

RT magnetic rigidity

RT ozone layer

RT supersonic transport

RT tropopause

STRAW

INIS: 1991-12-11; ETDE: 1978-12-11

RT agricultural wastes

RT plant stems

STRAWBERRIES

*BT1 berries

*BT1 rosaceae

STRAY RADIATION

BT1 radiations

RT scattering

RT shielding

STREAK CAMERAS

INIS: 1986-10-29; ETDE: 1984-09-21

Cameras which produce two-dimensional images where time is one coordinate.

BT1 cameras

RT radiation detectors

RT streak photography

STREAK PHOTOGRAPHY

BT1 photography

RT streak cameras

STREAMER SPARK CHAMBERS

*BT1 spark chambers

streaming (radiation)

USE radiation streaming

STREAMS

INIS: 1999-03-15; ETDE: 1976-04-19

(Until March 1999 this concept was indexed in INIS by RIVERS.)

UF brooks

UF creeks

*BT1 rivers

RT water currents

RT watersheds

streets

1992-03-05

USE roads

strelkinite

INIS: 2000-04-12; ETDE: 1975-12-16

(Prior to August 1996 this was a valid ETDE descriptor.)

USE oxide minerals

USE uranium minerals

strength (compression)

USE compression strength

strength (flexural)

USE flexural strength

strength (fracture)

USE fracture properties

strength (impact)

USE impact strength

strength (shear)

USE shear properties

strength (tensile)

USE tensile properties

strength (ultimate)

1980-05-14

USE ultimate strength

strength (yield)

USE yield strength

STRENGTH FUNCTIONS

BT1 functions

RT energy levels

RT oscillator strengths

streptidine kinase

INIS: 2000-04-12; ETDE: 1981-04-20

(Prior to March 1997 this was a valid ETDE descriptor.)

USE fibrinolytic agents

USE phosphotransferases

STREPTOCOCCAL PROTEINASE

INIS: 1984-01-18; ETDE: 1981-01-12

Code number 3.4.22.10.

UF streptokinase

*BT1 sh-proteinases

RT fibrinolysis

RT streptococcus

RT thrombosis

STREPTOCOCCUS

*BT1 bacteria

RT streptococcal proteinase

streptokinase

1984-01-18

(Prior to January 1984 this was a valid descriptor, and older material is so indexed.)

USE streptococcal proteinase

STREPTOMYCES

*BT1 bacteria

RT streptomycin

STREPTOMYCIN

*BT1 antibiotics

RT streptomycetes

RT tuberculosis

STREPTOZOCIN

INIS: 2000-03-29; ETDE: 1981-04-20

UF streptozotocin

UF streptozotocin 7

*BT1 antibiotics

*BT1 antineoplastic drugs

streptozotocin

2000-03-29

ANTIBIOTICS, ANTINEOPLASTIC DRUGS.

(Prior to March 2000, this concept was indexed by SACCHARIDES and NITROSO

COMPOUNDS in combination with a

descriptor for the application, e.g.)

USE streptozocin

streptozotocin 7

2000-04-12

(Prior to April 1981, this concept in ETDE

was indexed by ANTIBIOTICS, NITROSO COMPOUNDS, and SACCHARIDES.)

USE streptozocin

stress (biological)

USE biological stress

STRESS ANALYSIS

RT homalite

RT photoelasticity

RT stress intensity factors

RT stresses

stress concentration factors

INIS: 1978-08-14; ETDE: 2002-06-13

USE stress intensity factors

STRESS CORROSION

*BT1 corrosion

STRESS INTENSITY FACTORS

INIS: 1978-08-14; ETDE: 1978-10-19

UF stress concentration factors

RT crack propagation

RT cracks

RT defects

RT fracture mechanics

RT fracture properties

RT fractures

RT mechanical tests

RT stress analysis

STRESS RELAXATION

UF relaxation (stress)

UF relieving (stress)

UF stress relieving

BT1 relaxation

RT annealing

RT creep

RT heat treatments

RT stresses

stress relieving

USE stress relaxation

STRESSES

For mechanical stress only; see also

BIOLOGICAL STRESS.

UF loads (stresses)

NT1 flow stress

NT1 residual stresses

NT1 thermal stresses

RT dilatancy

RT dynamic loads

RT materials testing

RT mechanical properties

RT mechanical tests

RT pore pressure

RT ratcheting

RT s-n diagram

RT shear

RT static loads

RT strains

RT stress analysis

RT stress relaxation

RT tensile properties

RT thermoelasticity

RT wind loads

stretch model

USE aligned coupling scheme

STRETFORD PROCESS

2000-04-12

Process for sweetening natural and industrial gases by complete removal of hydrogen sulfide and partial removal of organic sulfur compounds; gas is washed with aqueous solution containing sodium carbonate, sodium vanadate, anthraquinonedisulfonic acid.

*BT1 desulfurization

STRIATIONS

RT electric discharges

STRING MODELS

Treating the interactions of extended particles through breaking and connection of strings.

*BT1 extended particle model

*BT1 quark model

NT1 superstring models

RT dilatons

RT particle interactions

RT particle structure

RT quantum chromodynamics

RT string theory

STRING THEORY

2007-08-13

Attempt to unify all the fundamental interactions in nature; it has five components: one bosonic string theory and four superstring theories.

BT1 m-theory

NT1 superstring theory

RT anti de sitter space

RT branes

RT cosmological inflation

RT de sitter space

RT field theories

RT holographic principle

RT quark matter

RT string models

RT vortex theory

strip mining

INIS: 1975-10-09; ETDE: 2002-02-27

USE surface mining

STRIPED BASS

INIS: 1992-09-08; ETDE: 1978-01-23

*BT1 anadromous fishes

stripper foils

USE beam strippers

strippers

USE beam strippers

STRIPPING

For nuclear reactions only; for electron stripping use ELECTRON LOSS.

*BT1 transfer reactions

RT butler theory

RT oppenheimer-phillips process

RT serber theory

STRONG-ABSORPTION MODEL

*BT1 nuclear models

STRONG-COUPPLING MODEL

*BT1 particle models

RT coupling
RT strong interactions
RT weak-coupling model

STRONG INTERACTIONS

*BT1 fundamental interactions
NT1 charge-exchange interactions
NT1 peripheral collisions
RT annihilation
RT charge independence
RT chew-low method
RT cim model
RT grand unified theory
RT hadron-hadron interactions
RT hadronic particle decay
RT quark-gluon interactions
RT rescattering
RT standard model
RT strong-coupling model

strongly damped heavy ion reactions

INIS: 1993-11-09; ETDE: 2002-06-13
 USE deep inelastic heavy ion reactions

STRONGLY IONIZED GASES

Ionization factor above 10(-4).
 *BT1 ionized gases

STRONTIUM

*BT1 alkaline earth metals

STRONTIUM 100

INIS: 1979-04-27; ETDE: 1979-05-25
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 101

INIS: 1984-06-21; ETDE: 1984-03-19
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 102

INIS: 1986-01-21; ETDE: 1985-08-08
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 103

2007-07-27
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes

STRONTIUM 104

2007-07-27
 *BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes

STRONTIUM 105

2007-07-27
 *BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes

STRONTIUM 73

2007-07-27
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes

STRONTIUM 74

2007-07-27
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes

STRONTIUM 75

INIS: 1996-06-17; ETDE: 1996-05-31
 *BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 76

INIS: 1992-03-26; ETDE: 1992-08-12
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 77

INIS: 1976-10-29; ETDE: 1976-12-16
 *BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 78

1976-01-27
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 79

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 80

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes

STRONTIUM 81

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 82

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes

STRONTIUM 83

*BT1 beta-plus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 seconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 84

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
 *BT1 strontium isotopes

STRONTIUM 84 TARGET

ETDE: 1976-07-09
 BT1 targets

STRONTIUM 85

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 strontium isotopes

STRONTIUM 86

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
 *BT1 strontium isotopes

STRONTIUM 86 TARGET

ETDE: 1976-07-09
 BT1 targets

STRONTIUM 87

*BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 stable isotopes
 *BT1 strontium isotopes

STRONTIUM 87 TARGET

INIS: 1976-03-17; ETDE: 1976-07-12
 BT1 targets

STRONTIUM 88

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
 *BT1 strontium isotopes

STRONTIUM 88 TARGET

ETDE: 1976-07-09
 BT1 targets

STRONTIUM 89

*BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes

STRONTIUM 90

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes
 *BT1 years living radioisotopes
RT radioisotope generators

STRONTIUM 90 TARGET

INIS: 1983-09-01; ETDE: 1976-11-01
 BT1 targets

STRONTIUM 91

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 strontium isotopes

STRONTIUM 92

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei

*BT1 strontium isotopes

STRONTIUM 93

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 94

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 95

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 96

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 97

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 98

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM 99

1976-03-17

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 strontium isotopes

STRONTIUM ADDITIONS

Alloys containing not more than 1% Sr are listed here.

*BT1 strontium alloys

STRONTIUM ALLOYS

1996-07-23

Alloys containing more than 1% Sr.

UF strontium base alloys

BT1 alloys

NT1 strontium additions

strontium base alloys

1996-07-23

(Until July 1996 this was a valid descriptor.)

USE strontium alloys

STRONTIUM BORIDES

1996-07-23

(From July 1996 to February 2008

STRONTIUM COMPOUNDS + BORIDES was used for this concept.)

*BT1 borides

*BT1 strontium compounds

STRONTIUM BROMIDES

*BT1 bromides

*BT1 strontium halides

STRONTIUM CARBIDES

*BT1 carbides

*BT1 strontium compounds

STRONTIUM CARBONATES

*BT1 carbonates

*BT1 strontium compounds

STRONTIUM CHLORIDES

*BT1 chlorides

*BT1 strontium halides

STRONTIUM COMPLEXES

*BT1 alkaline earth metal complexes

STRONTIUM COMPOUNDS

1996-07-23

BT1 alkaline earth metal compounds

NT1 strontium borides

NT1 strontium carbides

NT1 strontium carbonates

NT1 strontium halides

NT2 strontium bromides

NT2 strontium chlorides

NT2 strontium fluorides

NT2 strontium iodides

NT1 strontium hydrides

NT1 strontium hydroxides

NT1 strontium nitrates

NT1 strontium oxides

NT1 strontium perchlorates

NT1 strontium phosphates

NT1 strontium silicates

NT1 strontium sulfates

NT1 strontium sulfides

NT1 strontium titanates

NT1 strontium tungstates

NT1 strontium uranates

STRONTIUM FLUORIDES

*BT1 fluorides

*BT1 strontium halides

STRONTIUM HALIDES

2012-07-25

*BT1 halides

*BT1 strontium compounds

NT1 strontium bromides

NT1 strontium chlorides

NT1 strontium fluorides

NT1 strontium iodides

STRONTIUM HYDRIDES

*BT1 hydrides

*BT1 strontium compounds

STRONTIUM HYDROXIDES

*BT1 hydroxides

*BT1 strontium compounds

STRONTIUM IODIDES

*BT1 iodides

*BT1 strontium halides

STRONTIUM IONS

*BT1 ions

STRONTIUM ISOTOPES

1999-02-01

*BT1 alkaline earth isotopes

NT1 strontium 100

NT1 strontium 101

NT1 strontium 102

NT1 strontium 103

NT1 strontium 104

NT1 strontium 105

NT1 strontium 73

NT1 strontium 74

NT1 strontium 75

NT1 strontium 76

NT1 strontium 77

NT1 strontium 78

NT1 strontium 79

NT1 strontium 80

NT1 strontium 81

NT1 strontium 82

NT1 strontium 83

NT1 strontium 84

NT1 strontium 85

NT1 strontium 86

NT1 strontium 87

NT1 strontium 88

NT1 strontium 89

NT1 strontium 90

NT1 strontium 91

NT1 strontium 92

NT1 strontium 93

NT1 strontium 94

NT1 strontium 95

NT1 strontium 96

NT1 strontium 97

NT1 strontium 98

NT1 strontium 99

RT bone seekers

STRONTIUM NITRATES

*BT1 nitrates

*BT1 strontium compounds

STRONTIUM OXIDES

*BT1 oxides

*BT1 strontium compounds

STRONTIUM PERCHLORATES

INIS: 1988-02-02; ETDE: 1977-11-28

*BT1 perchlorates

*BT1 strontium compounds

STRONTIUM PHOSPHATES

*BT1 phosphates

*BT1 strontium compounds

STRONTIUM SILICATES

*BT1 silicates

*BT1 strontium compounds

STRONTIUM SULFATES

*BT1 strontium compounds

*BT1 sulfates

STRONTIUM SULFIDES

*BT1 strontium compounds

*BT1 sulfides

STRONTIUM TITANATES

INIS: 1990-05-17; ETDE: 1976-09-28

*BT1 strontium compounds

*BT1 titanates

STRONTIUM TUNGSTATES

INIS: 1979-04-27; ETDE: 1976-11-17

*BT1 strontium compounds

*BT1 tungstates

STRONTIUM URANATES

INIS: 1991-09-16; ETDE: 1978-11-14

*BT1 strontium compounds

*BT1 uranates

strophanthin

INIS: 1990-12-07; ETDE: 1984-06-14

(Prior to December 1990, this was a valid descriptor.)

USE cardiotonics

STROPHANTHINS

INIS: 2000-04-12; ETDE: 1981-04-20

*BT1 cardiac glycosides

NT1 ouabain

STROPHANTIN

2000-04-12

*BT1 glycosides

STRUCTURAL BEAMS

INIS: 2000-04-03; ETDE: 1977-08-24

UF beams (structural)

RT building materials

RT construction

structural buckling

USE deformation

STRUCTURAL CHEMICAL ANALYSIS

UF analysis (structural chemical)

UF sequence analysis

NT1 dna sequencing

RT absorption spectroscopy

RT amino acid sequence

RT chemical analysis

RT coordination valences

RT debbye-scherrer method

RT derivatization

RT electron spin resonance

RT extreme ultraviolet spectra

RT infrared spectra

RT laue method

RT magnetic circular dichroism

RT moessbauer effect

RT molecular structure

RT neutron diffraction

RT nuclear magnetic resonance

RT thermal analysis

RT ultraviolet spectra

RT x-ray diffraction

RT x-ray diffractometers

structural materials

USE building materials

STRUCTURAL MODELS

UF models (structural)

NT1 mockup

NT2 phantoms

NT1 scale models

RT comparative evaluations

RT functional models

RT hypothesis

RT mathematical models

RT morphology

RT response functions

structure (crystal)

USE crystal structure

structure (molecular)

INIS: 2000-04-12; ETDE: 1975-12-16

USE molecular structure

STRUCTURE-ACTIVITY RELATIONSHIPS

INIS: 1984-12-04; ETDE: 1983-11-23

RT biological effects

RT biological functions

RT dynamic function studies

RT enzyme activity

RT molecular structure

RT protein engineering

RT protein structure

STRUCTURE FACTORS

INIS: 1981-05-11; ETDE: 1978-12-20

In macroscopic particle systems, for factors related to intensity of diffracted beam used in structure determination for liquids and solids, as by X-ray diffraction.

BT1 dimensionless numbers

RT crystal structure

RT liquids

RT solids

STRUCTURE FUNCTIONS

Momentum distribution of constituents within an elementary particle.

BT1 functions

RT emc effect

RT gribov-lipatov relation

RT particle models

RT particle structure

structures (buildings)

USE buildings

structures (mechanics)

USE mechanical structures

STRUTINSKY THEORY

RT fission

RT nuclear models

STRYCHNINE

*BT1 alkaloids

*BT1 indoles

STSF ASSEMBLY

Gulf, San Diego, California, USA. Subcritical Time-of-Flight Spectrum Facility.

UF subcritical time-of-flight spectrum facility

*BT1 subcritical assemblies

STTFUA

INIS: 2000-04-12; ETDE: 1981-06-13

Solar thermal Test Facility Users Association.

RT msstf

RT test facilities

stud welding

INIS: 1976-03-17; ETDE: 2002-06-13

USE welding

studs

USE fasteners

studsvik fr-0 reactor

USE fr-0 reactor

studsvik r-2 reactor

USE r-2 reactor

studsvik r2-0 reactor

USE r2-0 reactor

sturgis-floating nuclear power plant

1993-11-09

USE mh-1a reactor

STURM-LIOUVILLE EQUATION

*BT1 differential equations

RT eigenfunctions

RT green function

STX DEVICES

INIS: 1999-03-03; ETDE: 1986-03-04

A very low aspect ratio toroidal confinement device that can operate as a tokamak, as a pinch, or as a reversed-field pinch. As a tokamak, the spherical torus confines a plasma that is characterized by high toroidal beta, low poloidal beta, large neutral elongation, high plasma current for a given edge q, and strong paramagnetism.

*BT1 tokamak devices

RT reverse-field pinch

STYRENE

UF phenylethylene

UF vinylbenzene

*BT1 alkylated aromatics

RT polystyrene

RT vinyl monomers

styrene-divinylbenzene copolymer

USE polystyrene-dvb

styrene polymers

USE polystyrene

SU-2 GROUPS

*BT1 su groups

SU-3 GROUPS

*BT1 su groups

RT charm particles

RT higgs model

RT quantum chromodynamics

SU-4 GROUPS

*BT1 su groups

SU-5 GROUPS

*BT1 su groups

RT grand unified theory

SU-6 GROUPS

*BT1 su groups

SU-7 GROUPS

INIS: 1981-02-27; ETDE: 1981-03-13

*BT1 su groups

SU-8 GROUPS

INIS: 1976-10-07; ETDE: 1976-11-01

*BT1 su groups

SU-9 GROUPS

INIS: 1981-02-27; ETDE: 1989-09-18

*BT1 su groups

SU GROUPS

*BT1 lie groups

NT1 su-2 groups

NT1 su-3 groups

NT1 su-4 groups

NT1 su-5 groups

NT1 su-6 groups

NT1 su-7 groups

NT1 su-8 groups

NT1 su-9 groups

RT goldstone bosons

RT instantons

RT unitary symmetry

SUBBITUMINOUS COAL

1992-05-22

Coal that is intermediate between bituminous coal and lignite.

*BT1 coal

RT bituminous coal

RT lignite

SUBCELLULAR DISTRIBUTION

INIS: 1987-04-28; ETDE: 1985-12-13

BT1 distribution

RT cell constituents

RT cell membranes

RT cell nuclei

RT lysosomes

RT mitochondria

RT ribosomes

RT ultracentrifugation

subcellular organelles

INIS: 2000-04-12; ETDE: 1991-08-21

USE cell constituents

subcontractors

INIS: 1986-07-09; ETDE: 1983-03-23

USE contractors

SUBCOOLED BOILING

UF local boiling

UF surface boiling

*BT1 boiling

SUBCOOLING

BT1 cooling

RT vapor condensation

SUBCRITICAL ASSEMBLIES

UF exponential piles

UF fast breeder blanket facility (fbbf)

UF neutron multiplier facility

UF sr-ob reactor

*BT1 experimental reactors

NT1 accelerator-driven subcritical systems

NT2 accelerator-driven transmutation facilities
NT2 brahmma facility
NT2 myrrha facility
NT2 venus reactor
NT2 yalina facility
NT1 delphi reactor
NT1 entc lwsr reactor
NT1 jordan subcritical assembly
NT1 nuclear chicago reactor
NT1 pse reactor
NT1 sm-1 subcritical assembly
NT1 stsf assembly
NT1 venus-1 reactor

subcritical flow

USE laminar flow

subcritical time-of-flight spectrum facility

1993-11-09

USE stsf assembly

subcriticality

INIS: 1979-01-18; ETDE: 1994-08-18

(Prior to August 1994, this was a valid ETDE descriptor.)

USE criticality

SUBCUTANEOUS INJECTION

*BT1 injection

SUBDUCTION ZONES

INIS: 2000-04-12; ETDE: 1985-08-22

Narrow belts in which one lithospheric plate descends under another.

UF benioff zone

RT plate tectonics

RT seismicity

SUBLETHAL IRRADIATION

BT1 irradiation

RT dose-response relationships

RT lethal irradiation

RT lethal radiation dose

SUBLIMATION

*BT1 evaporation

RT refining

RT separation processes

RT sublimation cooling

RT sublimation heat

SUBLIMATION COOLING

BT1 cooling

RT sublimation

SUBLIMATION HEAT

UF heat of sublimation

UF latent heat of sublimation

*BT1 transition heat

RT ablation

RT sublimation

SUBMARINE CANYONS

INIS: 2000-04-12; ETDE: 1981-10-24

Steep valley-like submarine depressions crossing the continental margin.

BT1 canyons

RT continental shelf

RT continental slope

RT sea bed

SUBMARINES

Any self-powered underwater craft or towed underwater barges and arrays.

UF underwater vehicles

BT1 ships

RT nuclear ships

SUBMERGED ARC WELDING

*BT1 arc welding

subsidence (ground)

INIS: 1982-07-22; ETDE: 1975-10-01

USE ground subsidence

subsidies

INIS: 1982-12-03; ETDE: 1979-05-03

(Prior to April 1997 this was a valid ETDE descriptor.)

USE financial incentives

SUBSONIC FLOW

BT1 fluid flow

RT aerodynamics

RT compressible flow

substitution equivalent

INIS: 2000-04-12; ETDE: 1979-05-31

USE energy substitution equivalent

substitution techniques

USE pile replacement techniques

SUBSTOICHIOMETRY

RT activation analysis

RT impurities

RT isotope dilution

RT quantitative chemical analysis

SUBSTRATES

RT catalyst supports

RT enzymes

RT layers

RT thin films

subsurface environments

INIS: 2000-04-12; ETDE: 1985-06-21

(Prior to August 1992 this was a valid ETDE descriptor.)

SEE underground

SUBSURFACE STRUCTURES

1999-10-15

RT civil defense

RT earth-covered buildings

RT fallout shelters

RT shelters

RT tunnels

RT underground facilities

RT underground storage

subsystem test facility

INIS: 2000-04-12; ETDE: 1980-11-08

USE msstf

SUBTERRENE PENETRATORS

Rock-melting equipment for excavation, drilling, and tunneling.

*BT1 drills

*BT1 earth penetrators

RT boreholes

RT excavation

RT heating

RT materials drilling

RT melting

RT rock drilling

RT tunnels

suburbs

USE urban areas

SUCCINIC ACID

*BT1 dicarboxylic acids

RT aspartic acid

sucker rod pumps

INIS: 2000-04-12; ETDE: 1984-05-10

USE rod pumps

sucrose

USE saccharose

SUDAN

BT1 africa

BT1 arab countries

BT1 developing countries

RT nile river

RT red sea

SUDBURY NEUTRINO OBSERVATORY

INIS: 1992-08-06; ETDE: 1992-09-10

Sudbury, Ontario, Canada.

RT neutrino detection

RT underground facilities

SUDDEN APPROXIMATION

1975-08-22

A high energy limit which assumes that the internal motions of the target are slow compared with the duration of the collision.

*BT1 approximations

RT collisions

RT hamiltonians

RT quantum mechanics

RT transients

RT wave functions

SUDDEN COMMENCEMENTS

RT magnetic storms

SUDDEN IONOSPHERIC DISTURBANCE

UF sid

*BT1 ionospheric storms

RT ionosphere

SUEZ CANAL

INIS: 1992-06-04; ETDE: 1978-02-14

*BT1 inland waterways

RT egyptian arab republic

sugar

USE saccharose

SUGAR BEETS

INIS: 1991-12-16; ETDE: 1977-06-02

*BT1 beets

SUGAR CANE

*BT1 reeds

RT crops

RT molasses

SUGAR INDUSTRY

INIS: 2000-05-08; ETDE: 1981-08-04

BT1 industry

RT biomass

RT saccharides

RT saccharose

sugars

USE saccharides

SUGAWARA THEORY

RT quantum field theory

SUJB

INIS: 1998-01-29; ETDE: 1998-02-24

State Office for Nuclear Safety, Czech Republic.

UF statni urad pro jadernou bezpecnost

*BT1 czech organizations

SULF-X PROCESS

INIS: 2000-04-12; ETDE: 1985-02-22

The sulf-x process is a wet absorption process that utilizes a slurry of regenerated ferrous sulfide solids to achieve removal of 90 to 99% of sulfur dioxide from boiler flue gases by wet scrubbing. It is technically feasible for use with all fossil-fuel types.

*BT1 desulfurization

sulfadiazine

1996-10-23

(Until October 1996 this was a valid descriptor.)

USE pyrimidines
USE sulfonamides**SULFAMIC ACID**

1994-07-01

*BT1 inorganic acids

SULFANILIC ACID

UF aminobenzenesulfonic acid-para

*BT1 amines
*BT1 sulfonic acids**SULFATE MINERALS**

INIS: 1996-11-13; ETDE: 1982-05-12

UF johannite
UF schroekingite
UF zippeite
BT1 minerals
NT1 alunite
NT1 anhydrite
NT1 barite
NT1 gypsum
NT1 polyhalite
RT aluminium sulfates
RT barium sulfates
RT calcium sulfates
RT copper sulfates
RT magnesium sulfates
RT potassium sulfates
RT sodium sulfates
RT uranium sulfates**SULFATE-REDUCING BACTERIA**

INIS: 1991-10-24; ETDE: 1984-05-08

*BT1 bacteria
NT1 desulfovibrio
RT desulfurization
RT sulfur cycle**SULFATES**

1997-06-19

For salts only; see also SULFURIC ACID ESTERS.

BT1 oxygen compounds
BT1 sulfur compounds
NT1 acid sulfates
NT1 actinium sulfates
NT1 aluminium sulfates
NT1 americium sulfates
NT1 ammonium sulfates
NT1 antimony sulfates
NT1 barium sulfates
NT1 berkelium sulfates
NT1 beryllium sulfates
NT1 bismuth sulfates
NT1 cadmium sulfates
NT1 calcium sulfates
NT1 cerium sulfates
NT1 cesium sulfates
NT1 chromium sulfates
NT1 cobalt sulfates
NT1 copper sulfates
NT1 dysprosium sulfates
NT1 erbium sulfates
NT1 europium sulfates
NT1 gadolinium sulfates
NT1 gallium sulfates
NT1 hafnium sulfates
NT1 holmium sulfates
NT1 hydrogen sulfates
NT1 indium sulfates
NT1 iridium sulfates
NT1 iron sulfates
NT1 lanthanum sulfates
NT1 lead sulfates
NT1 lithium sulfatesNT1 lutetium sulfates
NT1 magnesium sulfates
NT1 manganese sulfates
NT1 mercury sulfates
NT1 molybdenum sulfates
NT1 neodymium sulfates
NT1 neptunium sulfates
NT1 nickel sulfates
NT1 niobium sulfates
NT1 osmium sulfates
NT1 platinum sulfates
NT1 plutonium sulfates
NT1 potassium sulfates
NT1 praseodymium sulfates
NT1 protactinium sulfates
NT1 radium sulfates
NT1 rhenium sulfates
NT1 rubidium sulfates
NT1 ruthenium sulfates
NT1 samarium sulfates
NT1 scandium sulfates
NT1 silver sulfates
NT1 sodium sulfates
NT1 strontium sulfates
NT1 tantalum sulfates
NT1 terbium sulfates
NT1 thallium sulfates
NT1 thorium sulfates
NT1 thulium sulfates
NT1 tin sulfates
NT1 titanium sulfates
NT1 uranium sulfates
NT1 uranyl sulfates
NT1 vanadium sulfates
NT1 ytterbium sulfates
NT1 yttrium sulfates
NT1 zinc sulfates
NT1 zirconium sulfates
RT glucuronide conjugates
RT glutathione conjugates
RT sulfation
RT thiosulfates**SULFATION**

INIS: 2000-04-12; ETDE: 1991-07-08

Conversion of a compound into a sulfate by the oxidation of sulfur or the addition of a sulfate group.

BT1 chemical reactions
RT oxidation
RT sulfates**SULFENAMIDES**

2000-04-12

*BT1 amides
*BT1 organic sulfur compounds**sulfex process**

2000-04-12

(Prior to August 1996 this was a valid ETDE descriptor.)

USE reprocessing

sulphydryl compounds

USE thiols

SULFHYDRYL RADICALS

BT1 radicals

SULFIBAN PROCESS

INIS: 2000-04-12; ETDE: 1976-09-14

A process for coke oven gas desulfurization using mono-ethanolamine scrubbing.

*BT1 desulfurization

SULFIDATION

INIS: 1982-09-21; ETDE: 1979-07-24

BT1 chemical reactions

SULFIDE MINERALS

INIS: 1984-04-25; ETDE: 1982-05-12

(From March 1977 till February 1995 CINNABAR was a valid ETDE descriptor; from April 1975 till March 1997 SPHALERITE was a valid ETDE descriptor.)

UF cinnabar
UF sphalerite
BT1 minerals
NT1 chalcopyrite
NT1 galena
NT1 marcasite
NT1 pyrite
NT1 pyrrhotite
NT2 troilite
RT copper sulfides
RT iron sulfides
RT lead sulfides
RT mercury sulfides**SULFIDES**

1997-06-18

UF polysulfides
BT1 chalcogenides
BT1 sulfur compounds
NT1 aluminium sulfides
NT1 americium sulfides
NT1 antimony sulfides
NT1 arsenic sulfides
NT1 barium sulfides
NT1 berkelium sulfides
NT1 beryllium sulfides
NT1 bismuth sulfides
NT1 boron sulfides
NT1 cadmium sulfides
NT1 calcium sulfides
NT1 californium sulfides
NT1 carbon sulfides
NT1 cerium sulfides
NT1 cesium sulfides
NT1 chromium sulfides
NT1 cobalt sulfides
NT1 copper sulfides
NT1 curium sulfides
NT1 dimethyl sulfide
NT1 dysprosium sulfides
NT1 erbium sulfides
NT1 europium sulfides
NT1 gadolinium sulfides
NT1 gallium sulfides
NT1 germanium sulfides
NT1 hafnium sulfides
NT1 holmium sulfides
NT1 hydrogen sulfides
NT1 indium sulfides
NT1 iron sulfides
NT1 lanthanum sulfides
NT1 lead sulfides
NT1 lithium sulfides
NT1 lutetium sulfides
NT1 magnesium sulfides
NT1 manganese sulfides
NT1 mercury sulfides
NT1 molybdenum sulfides
NT1 neodymium sulfides
NT1 neptunium sulfides
NT1 nickel sulfides
NT1 niobium sulfides
NT1 osmium sulfides
NT1 palladium sulfides
NT1 phosphorus sulfides
NT1 platinum sulfides
NT1 plutonium sulfides
NT1 potassium sulfides
NT1 praseodymium sulfides
NT1 rhenium sulfides
NT1 rhodium sulfides
NT1 rubidium sulfides
NT1 ruthenium sulfides

NT1 samarium sulfides
NT1 scandium sulfides
NT1 selenium sulfides
NT1 silicon sulfides
NT1 silver sulfides
NT1 sodium sulfides
NT1 strontium sulfides
NT1 tantalum sulfides
NT1 technetium sulfides
NT1 tellurium sulfides
NT1 terbium sulfides
NT1 thallium sulfides
NT1 thorium sulfides
NT1 thulium sulfides
NT1 tin sulfides
NT1 titanium sulfides
NT1 tungsten sulfides
NT1 uranium sulfides
NT1 vanadium sulfides
NT1 ytterbium sulfides
NT1 yttrium sulfides
NT1 zinc sulfides
NT1 zirconium sulfides
RT oxysulfides

sulfinic acids

INIS: 1984-04-04; ETDE: 2000-11-27

USE organic acids
 USE organic sulfur compounds

SULFINOL PROCESS

2000-04-12

Process for removal of acidic gas constituents, such as hydrogen sulfide, carbon dioxide, COS, and mercaptans, from natural, refinery, and synthesis gases and lng feedstocks.

*BT1 desulfurization

sulfite waste liquor

INIS: 1993-02-15; ETDE: 1978-08-08

USE spent liquors

SULFITES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor, except for the NTs listed below.

BT1 oxygen compounds
BT1 sulfur compounds
NT1 acid sulfites
RT sulfurous acid

SULFOCHLORINATION

*BT1 chlorination
 *BT1 sulfonation

sulfocyanides

USE thiocyanates

SULFONAMIDES

1996-10-23

UF sulfadiazine
 *BT1 amides
 *BT1 antimicrobial agents
 *BT1 organic sulfur compounds
 RT sulfonic acids

SULFONATES

1997-06-19

For salts of sulfonic acids; for esters see SULFONIC ACID ESTERS.

*BT1 organic sulfur compounds
NT1 indocyanine green
NT1 petroleum sulfonates
RT sulfonic acid esters
RT sulfonic acids

SULFONATION

BT1 chemical reactions
NT1 sulfochlorination

SULFONES

1996-10-23

UF spadns
 UF sulfophenyl-naphthalene-sulfonic acid
 *BT1 organic sulfur compounds

SULFONIC ACID ESTERS

1997-06-19

*BT1 esters
 *BT1 organic sulfur compounds
NT1 alkyl benzenesulfonates
NT1 ethyl methanesulfonate
NT1 methyl methanesulfonate
NT1 petroleum sulfonates
RT sulfonates
RT sulfonic acids

SULFONIC ACIDS

1996-10-23

UF acid chrome dyes
 UF beryllon
 UF congo red
 UF dsnadns
 UF erioglaucine
 UF spadns
 UF sulfophenyl-naphthalene-sulfonic acid
 SF syntans
 *BT1 organic acids
 *BT1 organic sulfur compounds
NT1 arsenazo
NT1 bromosulfophthalein
NT1 chromotropic acid
NT1 eriochrome dyes
NT1 evans blue
NT1 ferron
NT1 methyl orange
NT1 nitroso-r salt
NT1 sulfanilic acid
NT1 taurine
NT1 thorin
NT1 tiron
NT1 trypan blue
NT1 unithiol
RT chloramines
RT sulfonamides
RT sulfonates
RT sulfonic acid esters

sulfophenyl-naphthalene-sulfonic acid

1996-10-23

(Prior to March 1997 SPADNS was used for this concept in ETDE.)

USE sulfones
 USE sulfonic acids

sulfox process

INIS: 2000-04-12; ETDE: 1976-01-23

Conversion of hydrogen sulfide in some refinery gas or water streams to high-purity molten sulfur. Process operates on aqueous solution of ammonia and hydrogen sulfide, which may be refinery sour water or rich solution obtained by absorbing hydrogen sulfide from refinery gas with aqueous ammonia recycled from sulfox unit.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

SULFOXIDES

*BT1 organic sulfur compounds
NT1 dmsso
NT1 dpso

SULFREEN PROCESS

2000-04-12

Process for desulfurization of residue gas from Claus tail unit to produce liquid S; hydrogen sulfide and sulfur dioxide are made to react at temperatures below the S dew point of the reaction gas mixture.

*BT1 desulfurization

SULFUR

UF sulfur sulfides
 *BT1 nonmetals
RT otto process
RT penelec process
RT resox process
RT sour crudes
RT sulfur content

SULFUR 24

INIS: 1978-02-23; ETDE: 1978-05-01

*BT1 even-even nuclei
 *BT1 light nuclei
 *BT1 sulfur isotopes

SULFUR 26

2007-04-23

*BT1 even-even nuclei
 *BT1 light nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 proton decay radioisotopes
 *BT1 sulfur isotopes

SULFUR 27

INIS: 1986-08-19; ETDE: 1984-05-08

*BT1 even-odd nuclei
 *BT1 light nuclei
 *BT1 sulfur isotopes

SULFUR 28

INIS: 1989-09-14; ETDE: 1984-05-08

*BT1 beta-plus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 light nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 sulfur isotopes

SULFUR 29

*BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 light nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 sulfur isotopes

SULFUR 30

*BT1 beta-plus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 light nuclei
 *BT1 seconds living radioisotopes
 *BT1 sulfur isotopes

SULFUR 31

*BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 light nuclei
 *BT1 seconds living radioisotopes
 *BT1 sulfur isotopes

SULFUR 32

*BT1 even-even nuclei
 *BT1 light nuclei
 *BT1 stable isotopes
 *BT1 sulfur isotopes
RT sulfur 32 beams
RT sulfur 32 reactions

SULFUR 32 BEAMS

*BT1 ion beams
RT sulfur 32

SULFUR 32 REACTIONS

*BT1 heavy ion reactions
RT sulfur 32

SULFUR 32 TARGET*ETDE: 1976-07-09*

BT1 targets

SULFUR 33

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 stable isotopes

*BT1 sulfur isotopes

SULFUR 33 REACTIONS*INIS: 1978-04-21; ETDE: 1978-07-06*

*BT1 heavy ion reactions

SULFUR 33 TARGET*ETDE: 1976-07-09*

BT1 targets

SULFUR 34

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 stable isotopes

*BT1 sulfur isotopes

RT sulfur 34 reactions

SULFUR 34 REACTIONS

*BT1 heavy ion reactions

RT sulfur 34

SULFUR 34 TARGET*ETDE: 1976-07-09*

BT1 targets

SULFUR 35

*BT1 beta-minus decay radioisotopes

*BT1 days living radioisotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 sulfur isotopes

SULFUR 36

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 stable isotopes

*BT1 sulfur isotopes

SULFUR 36 REACTIONS*INIS: 1980-07-24; ETDE: 1980-08-12*

*BT1 heavy ion reactions

SULFUR 36 TARGET*ETDE: 1976-07-09*

BT1 targets

SULFUR 37

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 minutes living radioisotopes

*BT1 sulfur isotopes

SULFUR 38

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 hours living radioisotopes

*BT1 light nuclei

*BT1 sulfur isotopes

SULFUR 38 BEAMS*INIS: 1986-12-09; ETDE: 1987-02-24*

*BT1 radioactive ion beams

SULFUR 39

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 light nuclei

*BT1 seconds living radioisotopes

*BT1 sulfur isotopes

RT sulfur 39 reactions

SULFUR 39 REACTIONS*INIS: 1992-09-23; ETDE: 1985-07-18*

*BT1 heavy ion reactions

RT sulfur 39

SULFUR 40

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 light nuclei

*BT1 seconds living radioisotopes

*BT1 sulfur isotopes

SULFUR 41*INIS: 1976-03-17; ETDE: 1976-02-19*

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 sulfur isotopes

SULFUR 42*INIS: 1976-03-17; ETDE: 1976-02-19*

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 sulfur isotopes

SULFUR 43*INIS: 1980-07-24; ETDE: 1980-02-11*

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 sulfur isotopes

SULFUR 44*INIS: 1986-04-02; ETDE: 1986-07-03*

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 sulfur isotopes

SULFUR 45*INIS: 1989-09-14; ETDE: 1989-10-16*

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 sulfur isotopes

SULFUR 46*INIS: 1989-09-14; ETDE: 1989-10-16*

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 sulfur isotopes

SULFUR 47*INIS: 1989-09-14; ETDE: 1989-10-16*

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 sulfur isotopes

SULFUR 48*INIS: 1990-04-19; ETDE: 1990-05-16*

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 sulfur isotopes

SULFUR 49

2007-04-23

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 sulfur isotopes

SULFUR ADDITIONS

2000-04-12

BT1 alloys

NT1 ni-hard

sulfur carbides

USE carbon sulfides

SULFUR CHLORIDES

*BT1 chlorides

*BT1 sulfur halides

SULFUR COMPLEXES

BT1 complexes

SULFUR COMPOUNDS

UF polythionates

UF polythionic acids

NT1 carbon oxysulfide

NT1 oxysulfides

NT1 persulfates

NT1 persulfuric acid

NT1 sulfates

NT2 acid sulfates

NT2 actinium sulfates

NT2 aluminium sulfates

NT2 americium sulfates

NT2 ammonium sulfates

NT2 antimony sulfates

NT2 barium sulfates

NT2 berkelium sulfates

NT2 beryllium sulfates

NT2 bismuth sulfates

NT2 cadmium sulfates

NT2 calcium sulfates

NT2 cerium sulfates

NT2 cesium sulfates

NT2 chromium sulfates

NT2 cobalt sulfates

NT2 copper sulfates

NT2 dysprosium sulfates

NT2 erbium sulfates

NT2 europium sulfates

NT2 gadolinium sulfates

NT2 gallium sulfates

NT2 hafnium sulfates

NT2 holmium sulfates

NT2 hydrogen sulfates

NT2 indium sulfates

NT2 iridium sulfates

NT2 iron sulfates

NT2 lanthanum sulfates

NT2 lead sulfates

NT2 lithium sulfates

NT2 lutetium sulfates

NT2 magnesium sulfates

NT2 manganese sulfates

NT2 mercury sulfates

NT2 molybdenum sulfates

NT2 neodymium sulfates

NT2 neptunium sulfates

NT2 nickel sulfates

NT2 niobium sulfates

NT2 osmium sulfates

NT2 platinum sulfates

NT2 plutonium sulfates

NT2 potassium sulfates

NT2 praseodymium sulfates

NT2 protactinium sulfates

NT2 radium sulfates

NT2 rhenium sulfates

NT2 rubidium sulfates

NT2 ruthenium sulfates

NT2 samarium sulfates

NT2 scandium sulfates

NT2 silver sulfates

NT2 sodium sulfates

NT2 strontium sulfates

NT2 tantalum sulfates

NT2 terbium sulfates

NT2 thallium sulfates

NT2 thorium sulfates

NT2 thulium sulfates

NT2 tin sulfates

NT2 titanium sulfates

NT2 uranium sulfates

NT2 uranyl sulfates

NT2 vanadium sulfates

NT2 ytterbium sulfates

NT2 yttrium sulfates

NT2 zinc sulfates

NT2 zirconium sulfates

NT1 sulfides

NT2 aluminium sulfides

NT2 americium sulfides

NT2 antimony sulfides

NT2 arsenic sulfides

NT2 barium sulfides

NT2 berkelium sulfides

NT2 beryllium sulfides

NT2 bismuth sulfides
NT2 boron sulfides
NT2 cadmium sulfides
NT2 calcium sulfides
NT2 californium sulfides
NT2 carbon sulfides
NT2 cerium sulfides
NT2 cesium sulfides
NT2 chromium sulfides
NT2 cobalt sulfides
NT2 copper sulfides
NT2 curium sulfides
NT2 dimethyl sulfide
NT2 dysprosium sulfides
NT2 erbium sulfides
NT2 europium sulfides
NT2 gadolinium sulfides
NT2 gallium sulfides
NT2 germanium sulfides
NT2 hafnium sulfides
NT2 holmium sulfides
NT2 hydrogen sulfides
NT2 indium sulfides
NT2 iron sulfides
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NT2 lutetium sulfides
NT2 magnesium sulfides
NT2 manganese sulfides
NT2 mercury sulfides
NT2 molybdenum sulfides
NT2 neodymium sulfides
NT2 neptunium sulfides
NT2 nickel sulfides
NT2 niobium sulfides
NT2 osmium sulfides
NT2 palladium sulfides
NT2 phosphorus sulfides
NT2 platinum sulfides
NT2 plutonium sulfides
NT2 potassium sulfides
NT2 praseodymium sulfides
NT2 rhenium sulfides
NT2 rhodium sulfides
NT2 rubidium sulfides
NT2 ruthenium sulfides
NT2 samarium sulfides
NT2 scandium sulfides
NT2 selenium sulfides
NT2 silicon sulfides
NT2 silver sulfides
NT2 sodium sulfides
NT2 strontium sulfides
NT2 tantalum sulfides
NT2 technetium sulfides
NT2 tellurium sulfides
NT2 terbium sulfides
NT2 thallium sulfides
NT2 thorium sulfides
NT2 thulium sulfides
NT2 tin sulfides
NT2 titanium sulfides
NT2 tungsten sulfides
NT2 uranium sulfides
NT2 vanadium sulfides
NT2 ytterbium sulfides
NT2 yttrium sulfides
NT2 zinc sulfides
NT2 zirconium sulfides
NT1 sulfites
NT2 acid sulfites
NT1 sulfur halides
NT2 sulfur chlorides
NT2 sulfur fluorides
NT1 sulfur nitrides
NT1 sulfur oxides
NT2 sulfur dioxide
NT2 sulfur trioxide

NT1 sulfuric acid
NT1 sulfurous acid
NT1 sulfonyl compounds
RT organic sulfur compounds

SULFUR CONTENT

INIS: 1992-02-04; ETDE: 1980-08-12

RT chemical composition
RT high-sulfur coal
RT low-sulfur coal
RT sulfur

SULFUR CYCLE

INIS: 1991-10-22; ETDE: 1979-03-05

RT ecological concentration
RT ecosystems
RT metabolism
RT mineral cycling
RT sulfate-reducing bacteria
RT sulfur-oxidizing bacteria

SULFUR DIOXIDE

1991-12-11

(Prior to January 1992, this was indexed by

SULFUR OXIDES.)

***BT1** sulfur oxides

SULFUR FLUORIDES

***BT1** fluorides
***BT1** sulfur halides
RT gas-insulated substations

SULFUR HALIDES

2012-07-25

***BT1** halides
BT1 sulfur compounds
NT1 sulfur chlorides
NT1 sulfur fluorides

sulfur hydrides

USE hydrogen sulfides

SULFUR IONS

***BT1** ions

SULFUR ISOTOPES

1999-07-16

BT1 isotopes
NT1 sulfur 24
NT1 sulfur 26
NT1 sulfur 27
NT1 sulfur 28
NT1 sulfur 29
NT1 sulfur 30
NT1 sulfur 31
NT1 sulfur 32
NT1 sulfur 33
NT1 sulfur 34
NT1 sulfur 35
NT1 sulfur 36
NT1 sulfur 37
NT1 sulfur 38
NT1 sulfur 39
NT1 sulfur 40
NT1 sulfur 41
NT1 sulfur 42
NT1 sulfur 43
NT1 sulfur 44
NT1 sulfur 45
NT1 sulfur 46
NT1 sulfur 47
NT1 sulfur 48
NT1 sulfur 49

SULFUR METERS

INIS: 1983-02-04; ETDE: 1978-12-11

***BT1** meters
RT chemical analysis
RT pollution control equipment

SULFUR NITRIDES

UF nitrogen sulfides

***BT1** nitrides
BT1 sulfur compounds

SULFUR ORES

INIS: 2000-04-12; ETDE: 1978-06-14

BT1 ores

SULFUR OXIDES

***BT1** oxides
BT1 sulfur compounds
NT1 sulfur dioxide
NT1 sulfur trioxide
RT oxysulfides

SULFUR-OXIDIZING BACTERIA

INIS: 1991-10-24; ETDE: 1984-01-27

***BT1** bacteria
NT1 rhodococcus
NT1 thiobacillus ferrooxidans
NT1 thiobacillus oxidans
RT desulfurization
RT sulfur cycle

sulfur sulfides

USE sulfur

SULFUR TRIOXIDE

1992-05-22

***BT1** sulfur oxides

SULFURIC ACID

Prior to August 2012 the concept "hydrogen sulfates" was indexed here.

***BT1** inorganic acids
BT1 oxygen compounds
BT1 sulfur compounds
RT acid sulfates
RT acid sulfites
RT hydrogen sulfates
RT persulfuric acid
RT sulfuric acid esters
RT sulfonyl compounds

SULFURIC ACID ESTERS

1978-04-21

UF sodium lauryl sulfates
***BT1** esters
***BT1** organic sulfur compounds
RT sulfuric acid

SULFUROUS ACID

***BT1** inorganic acids
BT1 oxygen compounds
BT1 sulfur compounds
RT sulfites

SULFURYL COMPOUNDS

1994-09-29

BT1 sulfur compounds
RT sulfuric acid

SUM RULES

BT1 equations
RT quantum mechanics

SUMMER-1 REACTOR

*South Carolina Electric and Gas Co.,
Jenkinsville, South Carolina, USA.*

UF virgil c summer-1 reactor

***BT1** pwr type reactors

SUMMIT-1 REACTOR

*Delmarva Power and Light Co., Kent Co.,
Delaware, USA. Canceled in 1975 before
construction began.*

***BT1** enriched uranium reactors
***BT1** helium cooled reactors
***BT1** htgr type reactors
***BT1** power reactors

SUMMIT-2 REACTOR

Delmarva Power and Light Co., Kent Co., Delaware, USA. Canceled in 1975 before construction began.

- *BT1 enriched uranium reactors
- *BT1 helium cooled reactors
- *BT1 htgr type reactors
- *BT1 power reactors

SUN

- *BT1 main sequence stars
- RT chromosphere
- RT energy sources
- RT international geophysical year
- RT international quiet sun year
- RT international solar maximum year
- RT orbiting solar observatories
- RT photosphere
- RT sky
- RT solar activity
- RT solar atmosphere
- RT solar corona
- RT solar cycle
- RT solar energy
- RT solar flares
- RT solar granulation
- RT solar prominences
- RT solar radiation
- RT solar radio bursts
- RT solar system
- RT solar wind
- RT solar x-ray bursts

SUN BEAM OPERATION

- INIS: 2000-04-12; ETDE: 1986-11-20*
- *BT1 nuclear explosions
 - *BT1 underground explosions
 - RT contained explosions

SUN CHARTS

- INIS: 2000-04-12; ETDE: 1980-03-04*
Charts that map the height angle and horizontal angle of the sun for a given location and time.
- *BT1 diagrams
 - RT altitude
 - RT coordinates
 - RT insolation
 - RT solar radiation

SUN SHADES

- INIS: 2000-04-12; ETDE: 1975-10-01*
- RT buildings
 - RT cooling load
 - RT curtains
 - RT shading
 - RT shutters

SUNDESERT-1 REACTOR

- INIS: 1977-10-17; ETDE: 1977-05-07*
San Diego Gas and Electric Co., Blythe, California, USA. Canceled in 1978 before construction began.
- *BT1 pwr type reactors

SUNDESERT-2 REACTOR

- INIS: 1977-10-17; ETDE: 1977-05-07*
San Diego Gas and Electric Co., Blythe, California, USA. Canceled in 1978 before construction began.
- *BT1 pwr type reactors

SUNFLOWER OIL

- INIS: 2000-04-12; ETDE: 1984-03-06*
- *BT1 vegetable oils

SUNFLOWERS

- UF *helianthus annuus*
- UF *jerusalem artichokes*
- *BT1 magnoliopsida

SUNIST SPHEROMAK

- 2006-07-25*
Department of Engineering Physics, Tsinghua University, and Institute of Physics, China Academy of Science, Beijing, China.
 UF *sino united spherical tokamak*
 *BT1 spheromak devices

SUNNYSIDE DEPOSIT

- INIS: 2000-04-12; ETDE: 1977-05-07*
- *BT1 oil sand deposits
 - RT oil sands
 - RT utah

SUNSHINE PROJECT

- UF *project sunshine*
- RT fallout

SUNSPOTS

- *BT1 solar activity
- *BT1 starspots
- RT photosphere
- RT solar cycle
- RT solar flares

super high frequency radiation

- 1999-10-15*
- USE ghz range 01-100
 - USE radiowave radiation

SUPER-KAMIOKANDE NEUTRINO DETECTOR

- 2016-12-12*
A large water Cherenkov detector located at 1,000 m underground, Hida-city, Gifu, Japan
 SF *t2k experiment*
 SF *tokai-to-kamioka*
 *BT1 neutrino detectors
 RT cherenkov counters

SUPER KUKLA REACTOR

- 1975-11-27*
Lawrence Livermore Laboratory, Livermore, California, USA. Prompt burst reactor. Shut down in 1979.
- *BT1 pulsed reactors
 - *BT1 research and test reactors

super phenix reactor

- (Creys-Malville, Isere, France. Prior to August 2010 this was a valid descriptor.)
- USE superphenix reactor

super power water boiler

- USE supo reactor

superalloys

- INIS: 2000-04-12; ETDE: 1983-01-21*
- USE heat resisting alloys

supercapacitors

- 2005-07-05*
- SEE capacitive energy storage equipment

SUPERCARGERS

- 2000-04-12*
- UF *supercharging*
 - BT1 compressors
 - NT1 turbochargers
 - RT blowers
 - RT internal combustion engines

supercharging

- 2000-04-12*
- USE superchargers

SUPERCOMPUTERS

- INIS: 1997-06-17; ETDE: 1984-11-09*
The largest, fastest, most powerful computers available at any given time.
- *BT1 digital computers

- RT cdc computers
- RT cedar computers
- RT cray computers
- RT hypercube computers
- RT nec computers
- RT vector processing

SUPERCONDUCTING CABLES

- *BT1 electric cables
- RT cryogenic cables
- RT gas-insulated cables
- RT superconducting composites
- RT superconducting devices
- RT superconductivity

SUPERCONDUCTING CAVITY RESONATORS

- *BT1 cavity resonators
- BT1 superconducting devices
- RT cyclic accelerators
- RT microwave equipment
- RT rf systems

SUPERCONDUCTING COILS

- INIS: 1995-02-27; ETDE: 1975-11-11*
(Prior to January 1983 this concept was indexed by SUPERCONDUCTING DEVICES.)

- *BT1 electric coils
- RT magnet coils
- RT magnetic energy storage equipment
- RT superconducting magnetic energy storage
- RT superconducting magnets

SUPERCONDUCTING COLLOID DETECTORS

- INIS: 1976-10-07; ETDE: 1976-11-01*
Operates on the principle that a charged particle passing through a superconducting colloid in the metastable, superheated state leads to a measurable change in the inductance of a surrounding pick-up coil.
- *BT1 radiation detectors
 - BT1 superconducting devices
 - RT colloids
 - RT position sensitive detectors

SUPERCONDUCTING COMPOSITES

- Superconductors embedded or clad in a conductor matrix.*
- *BT1 composite materials
 - RT superconducting cables

SUPERCONDUCTING CYCLOTRONS

- INIS: 1991-10-08; ETDE: 1983-03-24*
- *BT1 cyclotrons
 - NT1 milan superconducting cyclotron
 - NT1 texas superconducting cyclotron
 - RT superconducting devices

SUPERCONDUCTING DEVICES

- 1976-02-24*
Restricted to general or review articles and bibliographies.
- NT1 cryotrons
 - NT1 flux pumps
 - NT1 squid devices
 - NT1 superconducting cavity resonators
 - NT1 superconducting colloid detectors
 - NT1 superconducting generators
 - NT1 superconducting magnets
 - NT1 superconducting motors
 - RT superconducting cables
 - RT superconducting cyclotrons
 - RT superconducting junctions

SUPERCONDUCTING FILMS

- 1983-06-30*
- BT1 films

RT superconductors

superconducting flux pumps

2000-04-12

USE flux pumps

SUPERCONDUCTING GENERATORS

*BT1 rotating generators

BT1 superconducting devices

SUPERCONDUCTING JUNCTIONS

1999-10-15

SF junctions

BT1 tunnel junctions

NT1 josephson junctions

RT superconducting devices

RT superconductors

RT tunnel effect

SUPERCONDUCTING MAGNETIC ENERGY STORAGE

INIS: 1995-01-11; ETDE: 1982-10-20

(Until January 1995 this concept was indexed to SUPERCONDUCTIVE ENERGY STORAGE.)

UF smes

UF superconductive energy storage

*BT1 magnetic energy storage

RT superconducting coils

RT superconducting magnets

SUPERCONDUCTING MAGNETS

1995-02-27

(From February 1979 to March 1997 LARGE COIL PROGRAM was a valid ETDE descriptor.)

UF large coil program

UF superconducting solenoids

*BT1 electromagnets

BT1 superconducting devices

RT magnet coils

RT magnetic energy storage

RT magnetic energy storage equipment

RT superconducting coils

RT superconducting magnetic energy storage

RT superconductors

SUPERCONDUCTING MOTORS

*BT1 electric motors

BT1 superconducting devices

superconducting quantum interference devices

1993-11-09

USE squid devices

superconducting solenoids

INIS: 1984-04-04; ETDE: 2002-06-13

USE solenoids

USE superconducting magnets

SUPERCONDUCTING SUPER COLLIDER

INIS: 1985-01-18; ETDE: 1984-03-06

UF desertron

BT1 storage rings

*BT1 synchrotrons

SUPERCONDUCTING WIRES

1982-11-30

BT1 wires

RT superconductors

superconductive energy storage

INIS: 1995-01-11; ETDE: 2002-06-13

(Until January 1995 this was a valid descriptor.)

USE superconducting magnetic energy storage

SUPERCONDUCTIVITY

1996-01-24

*BT1 electric conductivity

RT abrikosov theory

RT ac losses

RT anyons

RT bcs theory

RT belyaev theory

RT bogolyubov method

RT coherence length

RT collective excitations

RT cooper pairs

RT critical current

RT critical field

RT cryogenics

RT electron-electron coupling

RT electron-hole coupling

RT electron-ion coupling

RT electron-phonon coupling

RT energy gap

RT flux quantization

RT ginzburg-landau theory

RT gorkov-eliasberg theory

RT helicon resonance

RT high-tc superconductors

RT hubbard model

RT intermediate state

RT josephson effect

RT kisslinger-sorensen theory

RT kosterlitz-thouless theory

RT london equation

RT magnetic flux

RT majorana spinors

RT meissner-ochsenfeld effect

RT mixed state

RT penetration depth

RT pippard theory

RT proximity effect

RT quenching

RT superconducting cables

RT tunnel effect

SUPERCONDUCTORS

NT1 organic superconductors

NT2 bedt-ttf

NT2 tmtsf

NT2 ttf-tcnq

NT1 stabilized superconductors

NT1 type-i superconductors

NT1 type-ii superconductors

NT2 high-tc superconductors

RT abrikosov theory

RT electric conductors

RT magnetic shielding

RT squid devices

RT superconducting films

RT superconducting junctions

RT superconducting magnets

RT superconducting wires

SUPERCONVERGENCE RELATIONS

RT convergence

RT mathematics

RT series expansion

SUPERCOOLING

2008-06-10

BT1 cooling

RT boiling points

RT melting points

RT solidification

supercritical flow

USE turbulent flow

supercritical fluid

2018-11-15

USE supercritical state

SUPERCritical FLUID CHROMATOGRAPHY

INIS: 1993-03-23; ETDE: 1983-07-07

*BT1 chromatography

RT capillaries

RT chemical analysis

SUPERCritical GAS EXTRACTION

INIS: 1994-09-08; ETDE: 1978-11-14

Extraction of a substance with a solvent in its supercritical state.

*BT1 solvent extraction

RT coal liquefaction

RT coal liquids

SUPERCritical STATE

INIS: 1992-01-30; ETDE: 1986-07-08

Homogeneous phase existing above critical temperature and above critical pressure.

UF supercritical fluid

NT1 warm dense matter

RT critical pressure

RT critical temperature

RT phase transformations

SUPERDEFORMED NUCLEI

1994-04-12

*BT1 deformed nuclei

SUPERDISLOCATIONS

Groups of dislocations with specific space configuration.

RT dislocations

SUPERFLUID MODEL

*BT1 nuclear models

SUPERFLUIDITY

RT bose-einstein condensation

RT cryogenics

RT fifth sound

RT film flow

RT fluid flow

RT fourth sound

RT ginzburg-pitaevskii theory

RT helium 3 a

RT helium 3 a1

RT helium 3 b

RT helium ii

RT khalatnikov theory

RT kosterlitz-thouless theory

RT lambda point

RT landau liquid helium theory

RT second sound

RT third sound

RT viscosity

RT vortex flow

RT zero sound

superfluorescence

INIS: 1984-02-22; ETDE: 2002-06-13

USE superradiance

superfund

INIS: 2000-04-12; ETDE: 1985-01-28

Comprehensive environmental response, compensation, and liability act of 1980; public law 96-510.

(Prior to November 1991 this was a valid ETDE descriptor.)

USE us superfund

SUPERGIANT STARS

*BT1 giant stars

supergranulation

USE solar granulation

SUPERGRAVITY

INIS: 1977-09-15; ETDE: 1977-11-10

A theory connecting fermion-boson supersymmetry with gravitation.

*BT1 unified field theories

RT compactification

RT gauge invariance

RT graded lie groups

RT gravitation

RT gravitons

RT kaluza-klein theory

RT m-theory

RT quantum field theory

RT quantum gravity

RT supersymmetry

SUPERHEATERS

UF steam superheaters

RT reactor cooling systems

RT steam generators

RT superheating

SUPERHEATING

BT1 heating

NT1 nuclear superheating

RT boiling points

RT melting points

RT steam

RT superheaters

superheavy elements

USE transactinide elements

superheterodyne receivers

1976-02-11

USE heterodyne receivers

SUPERHILAC

UF berkeley superhilac

*BT1 hilacs

RT bevalac

SUPERIOR PROCESS

INIS: 2000-04-12; ETDE: 1977-03-08

Circular-grate retort used in processing shale; nahcolite and dawsonite are co-products with shale oil.

RT oil shales

SUPERLATTICES

RT order-disorder transformations

RT solid solutions

SUPERMASSIVE STARS

Of the order of 100000 solar masses.

BT1 stars

SUPERMULTIPLETS

BT1 multiplets

SUPERNOVA REMNANTS

BT1 cosmic radio sources

NT1 crab nebula

RT pulsars

RT supernovae

SUPERNOVAE

*BT1 eruptive variable stars

NT1 type i supernovae

NT1 type ii supernovae

RT novae

RT supernova remnants

SUPEROPERATORS

Acting on other mathematical operator(s).

BT1 mathematical operators

RT spinors

SUPEROXIDE DISMUTASE

INIS: 1986-12-03; ETDE: 1984-02-10

UF sod

*BT1 oxidoreductases

SUPEROXIDE RADICALS

INIS: 1984-04-04; ETDE: 1977-08-24

BT1 radicals

SUPERPARAMAGNETISM

INIS: 1976-02-11; ETDE: 1976-04-19

Quasiparamagnetism of small magnetically ordered particles.

BT1 magnetism

SUPERPHENIX REACTOR

2010-08-17

Electricite de France, Creys-Mepieu, Isere, France. Permanent shutdown since 1998.

(Prior to August 2010 SUPER PHENIX REACTOR was used for this reactor.)

UF creys-malville reactor

UF super phenix reactor

*BT1 enriched uranium reactors

*BT1 lmfr type reactors

*BT1 plutonium reactors

*BT1 sodium cooled reactors

SUPERPHOSPHATES

BT1 fertilizers

*BT1 phosphates

SUPERRADIANCE

INIS: 1984-02-22; ETDE: 1980-05-06

A fast cooperative spontaneous deexcitation process in which an ensemble of atoms emit an intense burst of radiation .

UF cooperative spontaneous emission

UF emission (cooperative spontaneous)

UF spontaneous emission (cooperative)

UF superfluorescence

*BT1 photon emission

*BT1 stimulated emission

RT atoms

RT fluorescence

RT laser radiation

SUPERSATURATION

BT1 saturation

RT precipitation

RT solubility

RT solutions

SUPERSELECTION RULES

BT1 selection rules

RT quantum mechanics

SUPERSONIC FLOW

BT1 fluid flow

RT aerodynamics

RT compressible flow

RT shock waves

RT transonic flow

RT wind tunnels

SUPERSONIC TRANSPORT

*BT1 air transport

RT aircraft

RT cosmic radiation

RT solar flares

RT stratosphere

SUPERSTRING MODELS

INIS: 1992-05-25; ETDE: 1992-06-02

*BT1 string models

RT particle structure

RT superstring theory

RT supersymmetry

SUPERSTRING THEORY

2007-08-13

Attempt to explain all of the particles and fundamental forces of nature in one theory by modeling them as vibrations of tiny supersymmetric strings; four variations exist: Type I, Type IIA, Type IIB and Heterotic.

*BT1 string theory

RT anti de sitter space

RT de sitter space

RT spinors

RT superstring models

RT supersymmetry

supersymmetric particles

INIS: 1987-12-21; ETDE: 1988-03-16

USE sparticles

SUPERSYMMETRY

INIS: 1978-02-23; ETDE: 1978-05-01

BT1 symmetry

RT graded lie groups

RT group theory

RT m-theory

RT quantum field theory

RT spinors

RT supergravity

RT superstring models

RT superstring theory

RT unified field theories

supertankers

INIS: 2000-04-12; ETDE: 1976-03-31

USE tanker ships

SUPERTHERM

INIS: 2000-04-12; ETDE: 1979-08-09

*BT1 chromium alloys

*BT1 cobalt alloys

*BT1 iron alloys

*BT1 nickel alloys

*BT1 silicon alloys

*BT1 tungsten alloys

supervisor codes

INIS: 1988-11-16; ETDE: 2002-06-13

USE executive codes

supervoltage radiotherapy

USE radiotherapy

SUPO REACTOR

LASL, Los Alamos, New Mexico, USA. Shut down in 1974.

UF los alamos water boiler reactor

UF super power water boiler

*BT1 aqueous homogeneous reactors

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 thermal reactors

supply

INIS: 1984-04-04; ETDE: 2002-06-13

USE availability

SUPPLY AND DEMAND

INIS: 1991-10-11; ETDE: 1978-03-08

Relationship between the quantity that producers wish to sell at various prices and the quantity of a commodity that consumers wish to buy.

RT demand

RT demand factors

RT domestic supplies

RT economics

RT energy demand

RT energy supplies

RT market

RT spot market

RT supply disruption

RT trade

SUPPLY DISRUPTION

INIS: 1991-12-17; ETDE: 1979-10-23

RT embargoes

RT energy security

RT energy supplies

RT shortages

RT supply and demand

SUPPORT PILLARS

INIS: 2000-04-12; ETDE: 1979-06-06
RT supports

SUPPORTED LIQUID MEMBRANES

INIS: 1998-10-21; ETDE: 1985-09-24
BT1 membranes
RT membrane transport
RT separation processes

SUPPORTS

UF columns (structural)
BT1 mechanical structures
NT1 foundations
NT1 fuel racks
NT1 powered supports
NT2 shield supports
RT catalyst supports
RT mining equipment
RT reactor core restraints
RT restraints
RT roof bolts
RT support pillars

supports (catalyst)

INIS: 1992-01-16; ETDE: 1980-10-07
USE catalyst supports

suppression

INIS: 2000-04-12; ETDE: 1976-01-26
USE inhibition

supra-thermal electrons

1994-02-28
USE tail electrons

supra-thermal ions

INIS: 1994-02-28; ETDE: 2002-06-13
USE tail ions

supralethal doses

USE supralethal irradiation

SUPRALETHAL IRRADIATION

UF supralethal doses
BT1 irradiation
RT death
RT dose-response relationships
RT lethal irradiation
RT lethal radiation dose
RT mortality

sur-100 aachen

USE sur-100 series reactor

sur-100 berlin

USE sur-100 series reactor

sur-100 bremen

USE sur-100 series reactor

sur-100 darmstadt

USE sur-100 series reactor

sur-100 hamburg

USE sur-100 series reactor

sur-100 karlsruhe

USE sur-100 series reactor

sur-100 kiel

USE sur-100 series reactor

sur-100 muenchen

USE sur-100 series reactor

SUR-100 SERIES REACTOR

UF siemens unterrichtsreaktor
UF sur-100 aachen
UF sur-100 berlin
UF sur-100 bremen
UF sur-100 darmstadt
UF sur-100 hamburg

UF sur-100 karlsruhe
UF sur-100 kiel
UF sur-100 muenchen
UF sur-100 stuttgart
UF sur-100 ulm
*BT1 enriched uranium reactors
*BT1 organic moderated reactors
*BT1 solid homogeneous reactors
*BT1 thermal reactors
*BT1 training reactors

sur-100 stuttgart

USE sur-100 series reactor

sur-100 ulm

USE sur-100 series reactor

surcharges

INIS: 2000-04-12; ETDE: 1979-11-23
Extra or additional fees or taxes, usually for some special service.
(Prior to March 1997 this was a valid ETDE descriptor.)
SEE charges
SEE taxes

SURF II STORAGE RING

INIS: 1984-07-20; ETDE: 1984-08-20
NBS Synchrotron Ultraviolet Radiation Facility.

UF nbs synchrotron ultraviolet radiation facility
UF synchrotron uv radiation facility (nbs)
BT1 storage rings
*BT1 synchrotron radiation sources

surface-active agents

USE surfactants

SURFACE AIR

*BT1 air
RT earth atmosphere
RT particle resuspension

SURFACE AREA

INIS: 1999-10-20; ETDE: 1977-09-19
Extent of the area covered by a surface. See also SPECIFIC SURFACE AREA.
BT1 surface properties
RT surfaces

surface area (specific)

INIS: 1982-09-21; ETDE: 2002-06-13
USE specific surface area

SURFACE BARRIER DETECTORS

*BT1 semiconductor detectors
RT depletion layer
RT surface barrier transistors

SURFACE BARRIER TRANSISTORS

*BT1 transistors
RT depletion layer
RT surface barrier detectors

surface boiling

USE subcooled boiling

SURFACE CLEANING

BT1 cleaning
BT1 surface finishing
RT decontamination
RT descaling
RT polishing
RT scrapers
RT shot peening

SURFACE COATING

UF coating (surface)
UF coating processes
BT1 deposition
NT1 chemical coating

NT2 chemical vapor deposition
NT2 electrochemical coating
NT3 anodization
NT1 cladding
NT1 diffusion coating
NT1 dip coating
NT2 hot dipping
NT1 electrodeposition
NT2 electroplating
NT1 energy beam deposition
NT1 physical vapor deposition
NT1 plating
NT2 electroplating
NT2 vapor plating
NT1 screen printing
NT1 spin-on coating
NT1 spray coating
NT2 flame spraying
NT2 plasma arc spraying
NT1 vacuum coating
RT coatings
RT corrosion protection
RT hard facing
RT liners
RT lining processes
RT surface finishing
RT waterproofing

SURFACE CONTAMINATION

For radioactive contamination only; see also POLLUTION.

UF contamination (surface)
UF soiling
BT1 contamination
RT decontamination
RT radioactivity
RT surface contamination monitors

SURFACE CONTAMINATION MONITORS

*BT1 radiation monitors
RT surface contamination

surface delta interaction

USE surface delta potential

SURFACE DELTA POTENTIAL

1999-10-20
UF modified surface delta potential
UF surface delta interaction
*BT1 nucleon-nucleon potential
RT surface potential

surface-effect machines

INIS: 2000-04-12; ETDE: 1977-08-09
USE air cushion vehicles

SURFACE ENERGY

1999-10-20
The energy per unit area of an exposed surface of a liquid; generally greater than the surface tension.
(Prior to June 1986 SURFACE TENSION was used for this concept.)

*BT1 free energy
BT1 surface properties
RT surface tension

SURFACE EXPLOSIONS

1996-06-26
UF bravo event
UF holly event
UF middle gust event
UF mike event
UF zuni event
BT1 explosions
RT castle project
RT cratering explosions
RT craters
RT nuclear excavation
RT nuclear explosions

- RT plowshare project
RT redwing project

SURFACE FINISHING

- UF *finishing (surface)*
NT1 descaling
NT1 etching
NT1 polishing
NT2 chemical polishing
NT2 electropolishing
NT2 mechanical polishing
NT1 surface cleaning
RT coatings
RT machining
RT metallography
RT plasma technology
RT surface coating
RT surface hardening

SURFACE FORCES

- INIS: 2000-04-12; ETDE: 1979-05-31
External forces which act only on the surfaces of bodies.
RT mechanics

SURFACE HARDENING

- BT1 hardening
BT1 surface treatments
NT1 carburization
RT cold working
RT shot peening
RT surface finishing

SURFACE ION SOURCES

- 2018-02-26
BT1 ion sources

SURFACE IONIZATION

- BT1 ionization
NT1 adiabatic surface ionization
RT ion thrusters

SURFACE MINING

- 1991-08-09
UF *cross-ridge mining*
UF *open pit mining*
UF *quarrying*
UF *strip mining*
BT1 mining
RT auger mining
RT coal mining
RT contained explosions
RT cratering explosions
RT culm
RT excavation
RT fracturing
RT mines
RT mining engineering
RT oil sand mining
RT oil shale mining
RT slope stability
RT underground mining

SURFACE MINING ACTS

- INIS: 1992-02-21; ETDE: 1978-04-27
*BT1 mining laws

SURFACE POTENTIAL

- INIS: 1999-10-20; ETDE: 1979-04-11
BT1 potentials
RT surface delta potential
RT surface properties
RT work functions

SURFACE PROPERTIES

- NT1 absorptivity
NT1 emissivity
NT1 reflectivity
NT1 roughness
NT1 sorptive properties
NT1 surface area
NT1 surface energy

- NT1 surface tension
RT adhesion
RT adsorption
RT ceramography
RT corrosion
RT physical properties
RT surface potential
RT surface treatments
RT tribology
RT waterproofing
RT wettability

SURFACE TENSION

The force acting on the surface of a liquid, tending to minimize the area of the surface; it equals the free energy per unit surface.

- UF *tension (surface)*
SF *interfacial tension*
BT1 surface properties
RT surface energy
RT surfactants

SURFACE TREATMENTS

- NT1 pickling
NT2 corrosion pickling
NT1 shot peening
NT1 surface hardening
NT2 carburization
RT sample preparation
RT surface properties
RT waterproofing

SURFACE WATERS

- NT1 coastal waters
NT2 bays
NT3 bay of biscay
NT3 bay of fundy
NT3 biscayne bay
NT3 chesapeake bay
NT3 delaware bay
NT3 galveston bay
NT3 matagorda bay
NT3 onslow bay
NT3 prudhoe bay
NT3 sequim bay
NT2 estuaries
NT3 fiords
NT3 long island sound
NT1 inland waterways
NT2 manivier canal
NT2 panama canal
NT2 suex canal
NT1 lakes
NT2 ambrosia lake
NT2 aral sea
NT2 athabasca lake
NT2 caspian sea
NT2 dead sea
NT2 great lakes
NT3 lake erie
NT3 lake huron
NT3 lake michigan
NT3 lake ontario
NT3 lake superior
NT2 great salt lake
NT2 lake baikal
NT2 lake balaton
NT2 lake drukshiai
NT2 lake wabamun
NT2 salton sea
NT1 ponds
NT2 cooling ponds
NT2 settling ponds
NT2 solar ponds
NT3 roof ponds
NT1 rivers
NT2 allegheny river
NT2 altamaha river
NT2 amazon river
NT2 arkansas river
NT2 au sable river
NT2 blind river
NT2 brahmaputra river
NT2 brazos river
NT2 cape fear river
NT2 chattahoochee river
NT2 clinch river
NT2 colorado river
NT2 columbia river
NT2 connecticut river
NT2 cumberland river
NT2 danube river
NT2 delaware river
NT2 detroit river
NT2 dnier river
NT2 dudvah river
NT2 euphrates river
NT2 fraser river
NT2 ganga river
NT2 grand river
NT2 gunnison river
NT2 hron river
NT2 hudson river
NT2 james river
NT2 kennebec river
NT2 lewis river
NT2 little tennessee river
NT2 menominee river
NT2 mississippi river
NT2 missouri river
NT2 mohawk river
NT2 nelson river
NT2 niagara river
NT2 niger river
NT2 Nile river
NT2 north platte river
NT2 ohio river
NT2 ottawa river
NT2 peace river
NT2 piceance creek
NT2 po river
NT2 potomac river
NT2 pripet river
NT2 rhine river
NT2 rhone river
NT2 rio grande river
NT2 saginaw river
NT2 saint clair river
NT2 saint john river
NT2 santee river
NT2 savannah river
NT2 severn river
NT2 skagit river
NT2 st lawrence river
NT2 streams
NT2 susquehanna river
NT2 techa river
NT2 tennessee river
NT2 thames river
NT2 tigris river
NT2 vah river
NT2 vltava river
NT2 volga river
NT2 white river
NT2 yangtze river
NT2 yellow creek
NT2 yellow river
NT2 yukon river
NT1 seas
NT2 antarctic ocean
NT3 weddell sea
NT2 aral sea
NT2 arctic ocean
NT3 beaufort sea
NT4 prudhoe bay
NT3 chukchi sea
NT2 atlantic ocean
NT3 baltimore canyon
NT3 bay of biscay

NT3 bay of fundy
NT3 biscayne bay
NT3 caribbean sea
NT4 gulf of mexico
NT5 galveston bay
NT5 san antonio bay
NT3 chesapeake bay
NT3 delaware bay
NT3 gulf of maine
NT3 irish sea
NT3 long island sound
NT3 mid-atlantic bight
NT4 new york bight
NT3 north sea
NT4 wadden sea
NT3 onslow bay
NT3 sargasso sea
NT3 south atlantic bight
NT3 weddell sea
NT2 baltic sea
NT2 black sea
NT2 caspian sea
NT2 indian ocean
NT3 arabian sea
NT4 persian gulf
NT5 strait of hormuz
NT3 timor sea
NT2 mediterranean sea
NT3 adriatic sea
NT3 aegean sea
NT2 pacific ocean
NT3 bering sea
NT3 china sea
NT3 gulf of alaska
NT3 gulf of california
NT3 puget sound
NT3 san francisco bay
NT3 santa barbara channel
NT3 sequim bay
NT3 tasman sea
NT2 red sea
NT3 gulf of suex
NT1 swimming pools
NT1 territorial waters
NT1 water reservoirs
NT2 cooling ponds
RT air-water interactions
RT alluvial deposits
RT atmospheric precipitations
RT fishes
RT floods
RT ground water
RT hydrology
RT hydrosphere
RT irrigation
RT liquid wastes
RT marshes
RT photic zone
RT plankton
RT swamps
RT thermocline
RT water
RT water currents
RT water resources
RT watersheds
RT wetlands

surface waves (plasma)

2001-01-08

USE plasma surface waves

surface waves (seismic)

INIS: 1980-05-14; ETDE: 1978-07-05

USE seismic surface waves

SURFACES

UF crystal faces
NT1 spectrally selective surfaces
RT adsorption
RT blisters

RT interfaces
RT rewetting
RT surface area
RT topological foliation
RT two-dimensional calculations

surfacing, hard

INIS: 2000-07-24; ETDE: 1978-07-05

USE hard facing

SURFACTANTS

UF dispersants (chemical)
UF surface-active agents
NT1 wetting agents
NT2 detergents
NT3 pluronics
RT surface tension

SURGERY

UF radiosurgery
UF sympathectomy
UF vagotomy
BT1 medicine
NT1 adrenalectomy
NT1 castration
NT1 gastrectomy
NT1 hepatectomy
NT1 hypophysectomy
NT1 laryngectomy
NT1 nephrectomy
NT1 plastic surgery
NT1 splenectomy
NT1 thymectomy
NT1 thyroidectomy
RT anesthesia
RT surgical materials
RT therapy

SURGES

RT electric controllers
RT electric currents
RT electric potential
RT electrical transients
RT fluid flow
RT hydraulics
RT overcurrent
RT overvoltage
RT pulses
RT transients
RT var control systems
RT voltage regulators

SURGICAL MATERIALS

BT1 materials
BT1 medical supplies
RT isomed
RT prostheses
RT surgery

SURINAM

BT1 developing countries
***BT1** south america

surmac reactors

INIS: 2000-04-12; ETDE: 1978-01-23

(Prior to July 1985, this was a valid ETDE descriptor.)

USE surmac tokamak

SURMAC TOKAMAK

INIS: 1982-11-30; ETDE: 1983-02-09

UF surmac reactors
***BT1** tokamak devices

SURPLUS NUCLEAR FACILITIES

INIS: 1995-04-10; ETDE: 1986-01-15

Nuclear facilities, usually radioactively contaminated, that have been declared surplus.

BT1 nuclear facilities

SURPLUS POWER

INIS: 1993-06-09; ETDE: 1984-02-10

Electric power generating capacity in excess of firm load requirements.

***BT1** electric power
RT electric utilities
RT sellback

SURRY-1 REACTOR

Virginia Electric and Power Co., Surry, Virginia, USA.

UF surry power station unit-1
***BT1** pwr type reactors

SURRY-2 REACTOR

Virginia Electric and Power Co., Surry, Virginia, USA.

UF surry power station unit-2
***BT1** pwr type reactors

SURRY-3 REACTOR

Virginia Electric and Power Co., Surry, Virginia, USA. Canceled in 1977 before construction began.

***BT1** pwr type reactors

SURRY-4 REACTOR

Virginia Electric and Power Co., Surry, Virginia, USA. Canceled in 1977 before construction began.

***BT1** pwr type reactors

surry power station unit-1

USE surry-1 reactor

surry power station unit-2

USE surry-2 reactor

surveillance

2000-03-29

(Prior to May 1996 this was a valid ETDE descriptor.)

SEE inspection
SEE medical surveillance
SEE monitoring
SEE security

surveillance (medical)

ETDE: 2002-06-13

USE medical surveillance

surveillance (radioactivity)

USE radiation monitoring

survey (radioactivity)

USE radiation monitoring

SURVEY MONITORS

***BT1** radiation monitors

surveys

INIS: 2000-04-12; ETDE: 1980-05-06

SEE geochemical surveys
SEE geologic surveys
SEE geophysical surveys
SEE marine surveys
SEE public opinion

SURVIVAL CURVES

UF survival fraction
RT biological effects
RT dose-response relationships
RT lethal irradiation
RT mortality
RT radiosensitivity

survival fraction

USE survival curves

SURVIVAL TIME

RT lethal irradiation
RT time dependence

susceptibility (magnetic)

USE magnetic susceptibility

suse cyclotron (munich)

INIS: 1984-07-20; ETDE: 1984-08-20

USE munich suse cyclotron

SUSPENSIONS

BT1 dispersions

NT1 nanofluids

NT1 slurries

NT2 fuel slurries

RT deflocculating agents

RT drilling fluids

RT filters

RT fluidization

RT fluidized beds

RT turbidity

suspensions (fuel)

USE fuel slurries

SUSQUEHANNA-1 REACTORPPL Susquehanna, LLC, Berwick,
Pennsylvania, USA.UF susquehanna steam electric station
unit-1

*BT1 bwr type reactors

SUSQUEHANNA-2 REACTORPPL Susquehanna, LLC, Berwick,
Pennsylvania, USA.UF susquehanna steam electric station
unit-2

*BT1 bwr type reactors

SUSQUEHANNA RIVER

*BT1 rivers

RT maryland

RT new york

RT pennsylvania

**susquehanna steam electric station
unit-1**

1993-11-09

USE susquehanna-1 reactor

**susquehanna steam electric station
unit-2**

1993-11-09

USE susquehanna-2 reactor

SUSTAINABILITY

2013-11-27

Ability to continue a condition or situation
over a considerable period of time without
degradation of the environment

RT sustainable development

SUSTAINABLE DEVELOPMENT

2000-09-26

Development that meets the needs of the
present while still allowing future generations
to meet their own needs without shortages or
harm to the environment.

BT1 resource development

RT economic development

RT energy policy

RT energy source development

RT environmental policy

RT environmental protection

RT resource depletion

RT resource exploitation

RT resource management

RT sustainability

SUYDAM CRITERION

UF suydam theory

RT mercier criterion

RT plasma instability

suydam theory

USE suydam criterion

sv 40 virus

USE simian virus

SV PER HOUR RANGE

2013-01-23

BT1 radiation dose rate ranges

SV PER YEAR RANGE

2013-01-23

BT1 radiation dose rate ranges

SV RANGE

2012-05-30

*BT1 equivalent dose range

sv40 virus

INIS: 1976-03-25; ETDE: 2000-11-24

USE oncogenic viruses

sw-3 groups

1996-07-23

(Until July 1996 this was a valid descriptor.)

USE sw groups

SW GROUPS

1996-07-23

(From April 1975 till March 1997 SW-3
GROUPS was a valid ETDE descriptor.)

UF sw-3 groups

*BT1 lie groups

SWAGING

*BT1 materials working

RT forging

SWAMPS

INIS: 1976-10-29; ETDE: 1976-07-07

Waterlogged lands supporting a natural
vegetation predominantly of shrubs and trees.

UF bogs

*BT1 terrestrial ecosystems

*BT1 wetlands

RT everglades national park

RT marshes

RT surface waters

SWAZILAND

BT1 africa

BT1 developing countries

SWEAT

UF transpiration (animal)

*BT1 biological wastes

*BT1 body fluids

RT excretion

RT skin

sweat glands

USE glands

USE skin

SWEDEN

BT1 developed countries

*BT1 scandinavia

RT oecd

RT ranstad deposit

RT sami people

SWEDISH ORGANIZATIONS

INIS: 1976-09-06; ETDE: 1976-11-01

BT1 national organizations

swedish reactor r-1

USE r-1 reactor

swedish reactor r-2

USE r-2 reactor

swedish reactor r2-0

USE r2-0 reactor

SWEEP CIRCUITS

BT1 electronic circuits

RT timing circuits

SWEEP EFFICIENCY

INIS: 2000-04-12; ETDE: 1982-07-08

The ratio of the volume of rock contacted by
the displacing fluid to the total volume of rock
subject to invasion by the displacing fluid.

RT enhanced recovery

SWEET GUMS

INIS: 1992-01-13; ETDE: 1987-03-24

Liquidambar styraciflua.

*BT1 magnoliopsida

*BT1 trees

SWEETALLOY

2000-04-12

*BT1 chromium alloys

*BT1 nickel steels

*BT1 stainless steels

SWELLING

BT1 deformation

RT blisters

RT expansion

RT thermal expansion

SWESSAR STANDARD PLANTStone and Webster reference PWR nuclear
power plant.

UF stone-webster reference pwr

*BT1 nuclear power plants

swierk agata reactor

USE agata reactor

swierk anna reactor

USE anna reactor

swierk ewa reactor

USE ewa reactor

SWIERK LINAC

*BT1 linear accelerators

swierk maria reactor

USE maria reactor

SWIERK R-2 REACTOR

2000-04-12

UF r-ii swierk reactor

*BT1 pool type reactors

*BT1 research reactors

swierk research reactor maryla

USE maryla reactor

swimming

USE exercise

swimming pool reactors

USE pool type reactors

swimming pool tank reactor austria

1993-11-09

USE astra reactor

SWIMMING POOLS

INIS: 2000-04-12; ETDE: 1975-10-28

BT1 surface waters

SWINE

UF pigs

*BT1 domestic animals

*BT1 mammals

NT1 miniature swine

RT meat

swirl flow

INIS: 1984-04-04; ETDE: 1976-11-01
(Prior to October 1981, this was a valid ETDE descriptor.)
USE vortex flow

swiss institute nuclear research cyclotron

1993-11-09
USE sin cyclotron

SWISS LIGHT SOURCE

2000-06-02
Paul Scherrer Institute, Villigen, Switzerland.
UF sls (swiss synchrotron light source)
*BT1 synchrotron radiation sources
RT light sources
RT x-ray sources

SWISS ORGANIZATIONS

INIS: 1980-09-12; ETDE: 1980-10-07
BT1 national organizations

SWISS SPALLATION NEUTRON SOURCE

2016-06-09
Paul Scherrer Institute, Villigen, Switzerland
UF sinq
*BT1 spallation neutron source facilities

SWITCHES

UF contactors
UF electric contactors
UF electric switches
*BT1 electrical equipment
NT1 cryotrons
NT1 plasma switches
NT1 semiconductor switches
RT bimetals
RT circuit breakers
RT connectors
RT electric contacts
RT electric discharges
RT electric fuses
RT equipment protection devices
RT insulating oils
RT interlocks
RT q-switching
RT relays
RT switching circuits

SWITCHGRASS

2009-04-22
*BT1 gramineae
RT biomass
RT cellulosic ethanol

SWITCHING CIRCUITS

BT1 electronic circuits
NT1 transistor switching circuits
RT circuit breakers
RT counting circuits
RT gating circuits
RT relays
RT switches
RT thyratrons
RT thyristors

SWITCHING DIODES

*BT1 semiconductor diodes
RT transistor switching circuits

SWITZERLAND

1995-04-03
BT1 developed countries
*BT1 western europe
RT alps
RT oecd
RT rhine river
RT rhone river

swordfish event

1994-10-14
A test made during PROJECT DOMINIC.
(Prior to September 1994, this was a valid ETDE descriptor.)
USE nuclear explosions
USE underwater explosions

swpa

INIS: 2000-04-12; ETDE: 1980-03-29
USE southwestern power administration

SYCAMORES

INIS: 1992-01-13; ETDE: 1979-03-27
*BT1 magnoliopsida
*BT1 trees

sydsvenska kraft ab reactor 1

USE barsebaeck-1 reactor

sydsvenska kraft ab reactor 2

INIS: 1978-04-21; ETDE: 1978-07-06
USE barsebaeck-2 reactor

SYENITES

INIS: 1984-11-30; ETDE: 1980-08-12
*BT1 plutonic rocks
RT feldspars

SYMBIOSIS

INIS: 1999-10-21; ETDE: 1976-05-13
Limited to biology.
UF commensalism
UF mutualism
NT1 mycorrhizas
RT animals
RT biology
RT ecology
RT frankia
RT plants
RT predator-prey interactions
RT rhizobium

SYMBIOTIC STARS

1983-03-15
Objects whose spectra have characteristics of disparate spectral classes.
BT1 stars
RT accretion disks
RT binary stars

symbolic logic

INIS: 1986-07-10; ETDE: 1975-11-11
USE mathematical logic

SYMMETRY

NT1 axial symmetry
NT1 boson-fermion symmetry
NT1 chiral symmetry
NT1 crossing symmetry
NT1 supersymmetry
NT1 unitary symmetry
RT asymmetry
RT configuration
RT distribution
RT invariance principles
RT orientation
RT symmetry breaking
RT symmetry groups

SYMMETRY BREAKING

RT compactification
RT higgs bosons
RT instantons
RT symmetry
RT symmetry groups

SYMMETRY GROUPS

1997-08-20
NT1 dynamical groups
NT2 o groups
NT1 lie groups

NT2 anti de sitter group
NT2 conformal groups
NT2 de sitter group
NT2 graded lie groups
NT2 o groups
NT2 poincare groups
NT3 lorentz groups
NT2 sl groups
NT2 so groups
NT3 so-10 groups
NT3 so-12 groups
NT3 so-2 groups
NT3 so-3 groups
NT3 so-4 groups
NT3 so-5 groups
NT3 so-6 groups
NT3 so-8 groups
NT2 sp groups
NT2 su groups
NT3 su-2 groups
NT3 su-3 groups
NT3 su-4 groups
NT3 su-5 groups
NT3 su-6 groups
NT3 su-7 groups
NT3 su-8 groups
NT3 su-9 groups
NT2 sw groups
NT2 u groups
NT3 u-1 groups
NT3 u-12 groups
NT3 u-2 groups
NT3 u-3 groups
NT3 u-4 groups
NT3 u-5 groups
NT3 u-6 groups
NT1 quantum groups
NT1 space groups
RT casimir operators
RT current algebra
RT group theory
RT irreducible representations
RT nonunitary representations
RT symmetry
RT symmetry breaking

sympathectomy

USE autonomic nervous system
USE surgery

sympathetic nervous system

USE autonomic nervous system

SYMPATHOLYTICS

UF adrenergics-blocking agents
*BT1 autonomic nervous system agents
NT1 ergotamine
NT1 reserpine
RT autonomic nervous system
RT neuroregulators
RT parasympatholytics
RT parasympathomimetics
RT sympathomimetics

SYMPATHOMIMETICS

UF adrenergics
*BT1 autonomic nervous system agents
NT1 adrenaline
NT1 amphetamines
NT2 benzedrine
NT1 dopamine
NT1 ephedrine
NT1 noradrenaline
NT1 serotonin
NT2 bufotenine
NT1 tyramine
RT autonomic nervous system
RT neuroregulators
RT parasympatholytics
RT parasympathomimetics

RT sympatholytics
RT vasoconstriction
RT vasodilation

symplectic groups

USE sp groups

symposia

USE meetings

SYMPTOMS

NT1 anemias
NT2 ischemia
NT2 megaloblastic anemia
NT2 sickle cell anemia
NT2 thalassemia
NT1 ascites
NT1 constipation
NT1 diarrhea
NT1 edema
NT1 erythema
NT1 fever
NT1 heart failure
NT1 hemorrhage
NT1 hypertension
NT1 inflammation
NT1 jaundice
NT1 leukopenia
NT2 lymphopenia
NT1 nausea
NT1 pain
NT1 splenomegaly
NT1 uremia
NT1 vomiting
RT chlorosis
RT diagnosis
RT diseases
RT pathological changes
RT peritonitis

SYNCHROCYCLOTRONS

1996-07-18

(Prior to March 1997 CHICAGO

SYNCHROCYCLOTRON was a valid ETDE descriptor.)

UF chicago synchrocyclotron
UF fm cyclotrons
UF frequency modulated cyclotrons
UF phasotrons
***BT1** cyclic accelerators
NT1 berkeley synchrocyclotron
NT1 cern synchrocyclotron
NT1 harvard synchrocyclotron
NT1 harwell synchrocyclotron
NT1 iko synchrocyclotron
NT1 jinr phasotron
NT1 leningrad synchrocyclotron
NT1 mcgill synchrocyclotron
NT1 orsay synchrocyclotron
NT1 uppsala synchrocyclotron
RT cyclotrons
RT synchrotrons

SYNCHRONIZATION

INIS: 1977-10-17; *ETDE*: 1976-12-16

RT antimetabolites
RT cell cycle
RT coincidence methods
RT resonance
RT synchronous cultures
RT tuning

SYNCHRONOUS CULTURES

BT1 cell cultures
RT antimetabolites
RT cell cycle
RT synchronization

synchrophasotrons

USE synchrotrons

SYNCHROTRON OSCILLATIONS

***BT1** beam dynamics
BT1 oscillations

SYNCHROTRON RADIATION

UF bremsstrahlung (magnetic)
UF magnetic bremsstrahlung
***BT1** bremsstrahlung
RT cyclotron radiation
RT synchrotron radiation sources
RT wiggler magnets

SYNCHROTRON RADIATION SOURCES

INIS: 1981-07-06; *ETDE*: 1979-05-31

BT1 radiation sources
NT1 advanced light source
NT1 advanced photon source
NT1 european synchrotron radiation facility
NT1 indus-1
NT1 indus-2
NT1 kek photon factory
NT1 lns storage ring
NT1 nsls
NT1 pohang light source
NT1 spring-8 storage ring
NT1 surf ii storage ring
NT1 swiss light source
RT light sources
RT sesame synchrotron laboratory
RT storage rings
RT synchrotron radiation
RT x-ray sources

synchrotron uv radiation facility (nbs)

INIS: 1993-11-09; *ETDE*: 2002-06-13

USE surf ii storage ring

SYNCHROTRONS

1996-07-18

(BIRMINGHAM SYNCHROTRON, CALTECH SYNCHROTRON, and OMNITRON have been valid ETDE descriptors.)

UF birmingham synchrotron
UF caltech synchrotron
UF cit synchrotron
UF omnitron
UF synchrophasotrons
***BT1** cyclic accelerators
NT1 bevatron
NT1 bonn synchrotron
NT1 brookhaven ags
NT1 cambridge electron accelerator
NT1 cern lhc
NT1 cern ps synchrotron
NT1 cern sps synchrotron
NT1 cornell 10-gev synchrotron
NT1 cosmotron
NT1 cosy storage ring
NT1 desy
NT1 erevan synchrotron
NT1 escar storage ring
NT1 fermilab accelerator
NT1 fermilab tevatron
NT1 fian synchrotron
NT1 frascati synchrotron
NT1 himac accelerator
NT1 itep synchrotron
NT1 j-parc synchrotrons
NT1 jefferson lab meic
NT1 jinr nuclotron
NT1 kek synchrotron
NT1 lampf ii synchrotron
NT1 lep storage rings
NT1 lusy
NT1 mura synchrotron
NT1 nimrod

NT1 nina
NT1 pakhra synchrotron
NT1 princeton synchrotron
NT1 saturne
NT1 saturne ii
NT1 serpukhov synchrotron
NT1 serpukhov tevatron
NT1 sesame storage ring
NT1 sis synchrotron
NT1 superconducting super collider
NT1 tokyo synchrotron
NT1 tomsk synchrotron
NT1 zgs
RT nsls
RT synchrocyclotrons

syncrude

1994-09-29

USE synthetic petroleum

SYNERGISM

RT biochemistry
RT biological effects

SYNGAS PROCESS

INIS: 2000-04-12; *ETDE*: 1981-08-04

***BT1** waste processing
RT intermediate btu gas
RT materials recovery
RT pyrolysis

synovia

USE bone joints

synroc

INIS: 1981-02-27; *ETDE*: 1981-03-13

USE synthetic rocks

SYNROC PROCESS

INIS: 1981-11-27; *ETDE*: 1980-03-29

RT hollandite
RT perovskite
RT radioactive waste processing
RT zirconolite

syntans

INIS: 2000-04-12; *ETDE*: 1976-09-28

Any class of synthetic tanning materials that are sulfonated condensation products of aromatic compounds with formaldehyde or some other aldehyde.

(Prior to April 1994, this was a valid ETDE descriptor.)

SEE aromatics

SEE sulfonic acids

SYNTHANE PROCESS

2000-04-12

U.S. Bureau of mines process for producing intermediate- or high-btu gas by reacting coal with steam and oxygen in a fluidized-bed gasifier at 1800 degrees F and 500-1000 psi pressure.

***BT1** coal gasification
RT sng processes

SYNTHESIS

1999-03-09

UF formation (synthesis)
NT1 biosynthesis
NT2 post-translation modification
NT1 chemical preparation
NT1 hydrothermal synthesis
NT1 nucleosynthesis
NT2 heavy ion fusion reactions
NT2 thermonuclear reactions
NT3 controlled thermonuclear fusion
NT3 impact fusion
NT3 muon-catalyzed fusion
NT1 photosynthesis

SYNTHESIS GAS

1997-06-17

A mixture of gases specifically for use in a synthesis process.

- *BT1 gases
- RT beacon process
- RT htw process
- RT methanation

synthetases

- USE ligases

synthetic-aperture radar

INIS: 2000-04-12; ETDE: 1980-03-29

A radar system in which an aircraft moving along a straight path emits microwave pulses continuously at a frequency constant enough to be coherent for a period during which the aircraft may have traveled one kilometer; all echoes returned during the period can then be processed as if a single antenna as long as the flight path had been used.

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE radar

synthetic crude oil

1994-09-29

- USE synthetic petroleum

SYNTHETIC FUELS

No natural occurrence; produced by chemical techniques.

- SF alternate fuels
- SF m-gas process
- *BT1 alternative fuels
- BT1 fuels
- NT1 alcohol fuels
- NT2 ethanol fuels
- NT2 methanol fuels
- NT1 hydrogen fuels
- NT1 pyrolytic oils
- NT1 synthetic petroleum
- RT anaerobic digestion
- RT autotrophs
- RT biomass conversion plants
- RT coal gasification
- RT coal liquefaction
- RT crg processes
- RT fuel gas
- RT gasohol program
- RT mobil m-gasoline process
- RT pyrolysis products
- RT pyrolytic gases
- RT refuse derived fuels
- RT synthetic fuels corporation
- RT synthetic fuels industry
- RT synthetic fuels refineries
- RT wood oils

SYNTHETIC FUELS CORPORATION

INIS: 2000-04-12; ETDE: 1980-07-23

Federally funded corporation to finance and expedite development of alternative energy sources.

- UF energy security corporation
- UF national energy security corporation
- *BT1 us organizations
- RT energy policy
- RT energy source development
- RT renewable energy sources
- RT synthetic fuels
- RT us energy security act

SYNTHETIC FUELS INDUSTRY

INIS: 1992-07-16; ETDE: 1976-10-13

- BT1 industry
- RT synthetic fuels
- RT synthetic fuels refineries

SYNTHETIC FUELS REFINERIES

INIS: 1992-07-16; ETDE: 1981-03-16

- BT1 industrial plants
- RT synthetic fuels
- RT synthetic fuels industry

synthetic lubricants

INIS: 2000-04-12; ETDE: 1981-06-16

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE lubricants
- USE synthetic materials

SYNTHETIC MATERIALS

INIS: 1999-03-04; ETDE: 1981-05-18

- UF synthetic lubricants
- BT1 materials
- NT1 plastics
- NT2 aramids
- NT2 bakelite
- NT2 formvar
- NT2 lucite
- NT2 mylar
- NT2 nylon
- NT2 perspex
- NT2 plexiglas
- NT2 polystyrene
- NT2 polyurethanes
- NT3 halthane
- NT2 reinforced plastics
- NT2 tedlar
- NT2 teflon
- NT2 thermoplastics
- NT1 synthetic rocks
- RT fibers
- RT petrochemicals
- RT rubbers

synthetic natural gas

2000-04-12

- USE high btu gas

SYNTHETIC PETROLEUM

1994-09-29

- UF syncrude
- UF synthetic crude oil
- *BT1 synthetic fuels
- RT coal liquids
- RT mobil m-gasoline process
- RT petroleum
- RT shale oil

SYNTHETIC ROCKS

INIS: 1981-02-27; ETDE: 1981-03-13

- UF synroc
- BT1 rocks
- *BT1 synthetic materials

synthine process

2000-04-12

- USE fischer-tropsch synthesis

SYNTHOIL PROCESS

2000-04-12

U.S. Bureau of mines process for converting coal to fuel oil by feeding coal slurry into a fixed-bed catalytic reactor with turbulently flowing hydrogen. The operating conditions are 2000 to 4000 psig and the coal is liquefied and desulfurized.

- *BT1 coal liquefaction

SYNTHOL PROCESS

2000-04-12

A reaction of carbon monoxide and hydrogen with an iron and sodium carbonate catalyst to produce synthetic gasoline.

- *BT1 coal liquefaction

SYPHILIS

- *BT1 bacterial diseases

- RT spirochaetes

- RT urogenital system diseases

syracuse chemical comminution process

INIS: 2000-04-12; ETDE: 1982-07-27

The process is based on the phenomenon that certain low molecular weight compounds, such as anhydrous ammonia, fracture coal along its natural maceral boundaries and mineral matter grain boundaries.

(Prior to March 1994, this was a valid ETDE descriptor.)

- SEE coal preparation
- SEE desulfurization

SYRIA

- BT1 arab countries
- BT1 asia
- BT1 developing countries
- BT1 middle east
- RT euphrates river
- RT oapec

syrian hamster

- USE hamsters

syrian miniature neutron source reactor

2004-03-15

- USE srr-1 reactor

SYRIAN ORGANIZATIONS

2004-03-31

- BT1 national organizations

syrups

INIS: 2000-04-12; ETDE: 1985-03-12

- USE molasses

SYSTEM FAILURE ANALYSIS

Techniques for analysing the events leading to, or following from, a potential, or actual, system failure.

- SF failure propagation
- BT1 systems analysis
- NT1 failure mode analysis
- NT1 fault tree analysis
- RT mathematical logic

systeme accellerateur rhone-alpes

INIS: 1993-11-09; ETDE: 2002-06-13

- USE sara cyclotron

SYSTEMS ANALYSIS

1975-11-11

Used in the fields of technology research and management for problems such as the calculation of failure probabilities and for reliability studies of systems and components.

- NT1 system failure analysis
- NT2 failure mode analysis
- NT2 fault tree analysis
- RT control systems
- RT energy analysis
- RT failures
- RT man-machine systems
- RT ncsr
- RT parametric analysis
- RT reactor protection systems
- RT reactor safety
- RT reliability
- RT safety engineering
- RT simulation
- RT statistical models
- RT statistics

SZILARD-CHALMERS REACTION

- *BT1 hot atom chemistry

SZR TYPE REACTORS

- UF* sodium cooled zirconium hydride moderated reactors
 *BT1 hydride moderated reactors
 *BT1 liquid metal cooled reactors
NT1 knk-2 reactor
NT1 knk reactor
RT hydride moderators
RT power reactors

T-10 TOKAMAK

- INIS*: 1983-10-14; *ETDE*: 1983-11-09
 *BT1 tokamak devices

T-14 TOKAMAK

- 1993-08-09
UF *tsp* tokamak
 *BT1 tokamak devices

T-15 TOKAMAK

- INIS*: 1984-06-21; *ETDE*: 1984-07-10
 *BT1 tokamak devices

t-2200 resonances

- 1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
USE rho3-2250 mesons

T-7 TOKAMAK

- INIS*: 1983-10-14; *ETDE*: 1983-11-09
 *BT1 tokamak devices

T ANTIQUARKS

- 2007-06-26
 *BT1 antiquarks
 *BT1 t quarks

T CHANNEL

- RT* mandelstam representation
RT particle interactions
RT s channel
RT u channel

T CODES

- BT1 computer codes

T INVARIANCE

- UF* time-reversal invariance
 BT1 invariance principles
NT1 detailed balance principle

t matrix

- USE* s matrix

T QUARKS

- INIS*: 1995-09-14; *ETDE*: 1995-10-03
UF top quarks
 *BT1 quarks
 *BT1 top particles
NT1 t antiquarks
RT toponium

T TAURI STARS

- *BT1 eruptive variable stars

t2ehp

- INIS*: 2000-04-12; *ETDE*: 1982-12-01
 (Prior to April 1994, this was a valid ETDE descriptor.)
USE phosphoric acid esters

t2k experiment

- 2016-12-12
SEE super-kamiokande neutrino detector

t3 hormone

- INIS*: 2000-04-12; *ETDE*: 1975-09-11
USE triiodothyronine

T3 PROCESS

- INIS*: 2000-04-12; *ETDE*: 1982-08-24
 Semi-continuous surface oil shale retorting process based on N-T-U batch process with added improvements.
RT oil shales
RT retorting

t4 hormone

- INIS*: 2000-04-12; *ETDE*: 1975-09-11
USE thyroxine

TABAKIN POTENTIAL

- BT1 potentials
RT nuclear potential
RT nucleon-nucleon potential
RT nucleons

TABLE MOUNTAIN AREA

- 2000-04-12
 *BT1 south dakota

tables

- 2000-04-12
 (Prior to December 1991 this was a valid ETDE descriptor.)
SEE data

TACHYONS

- Hypothesized particles that travel faster than the velocity of light; they have an imaginary rest mass.*
 *BT1 postulated particles

tadpoles

- USE* amphibians
USE larvae

TAGGED PHOTON METHOD

- *BT1 coincidence methods
RT bremsstrahlung
RT photons
RT polarization

TAIL ELECTRONS

- 1994-02-28
Electrons that are not runaway but are in the high-energy tail of the kinetic energy distribution.
UF energetic electrons
UF supra-thermal electrons
 *BT1 electrons
RT distribution functions
RT non-equilibrium plasma
RT runaway electrons
RT tail ions

TAIL IONS

- 1994-02-28
Ions in the high-energy tail of the kinetic energy distribution.
UF energetic ions
UF supra-thermal ions
 *BT1 ions
RT distribution functions
RT non-equilibrium plasma
RT tail electrons

TAILINGS

- INIS*: 1981-02-27; *ETDE*: 1979-05-31
 Solid residue separated in the preparation of various products.
UF mine tailings
 *BT1 solid wastes
NT1 mill tailings
NT1 oil sand tailings
RT mineral wastes
RT ore processing
RT remedial action
RT separation processes

TAIWAN

- 1993-01-27
UF formosa
 *BT1 china
 BT1 islands

TAIWAN RESEARCH REACTOR

- Decommissioned since 2007.*
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 isotope production reactors
 *BT1 materials testing reactors
 *BT1 natural uranium reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 thermal reactors

TAJIKISTAN

- INIS*: 1997-08-20; *ETDE*: 1993-04-08
 (Until January 1993, this was indexed by USSR.)
SF soviet union
SF union of soviet socialist republics
SF ussr
 BT1 asia

TAKAHAMA-1 REACTOR

- KEPCO, Takahama, Fukui, Japan.*
UF kansai-3 reactor
 *BT1 pwr type reactors

TAKAHAMA-2 REACTOR

- KEPCO, Takahama, Fukui, Japan.*
UF kansai-4 reactor
 *BT1 pwr type reactors

TAKAHAMA-3 REACTOR

- INIS*: 1981-07-13; *ETDE*: 1981-08-04
KEPCO, Takahama, Fukui, Japan.
 *BT1 pwr type reactors

TAKAHAMA-4 REACTOR

- INIS*: 1981-07-13; *ETDE*: 1981-08-04
KEPCO, Takahama, Fukui, Japan.
 *BT1 pwr type reactors

TAKAHAX PROCESS

- 2000-04-12
Process for removal of up to 99.9% of hydrogen sulfide from gas streams particularly those with low initial hydrogen sulfide concentration and/or high carbon dioxide/hydrogen sulfide ratios.
 *BT1 desulfurization

TAKENOYU GEOTHERMAL FIELD

- INIS*: 2000-04-12; *ETDE*: 1977-08-09
 BT1 geothermal fields
RT japan

TAKINOUE GEOTHERMAL FIELD

- INIS*: 2000-04-12; *ETDE*: 1978-04-27
 BT1 geothermal fields
RT hachimantai
RT japan

TALC

- *BT1 silicate minerals
RT magnesium silicates

TALL OIL

- INIS*: 1999-05-03; *ETDE*: 1980-11-08
 A yellow-black, malodorous, resinous admixture derived from wood pulping waste liquors. It is used in lubricants and greases.
 *BT1 oils

TALMI INTEGRALS

- BT1 integrals
RT shell models

TALSPEAK PROCESS

INIS: 1979-01-18; ETDE: 1978-08-07

*BT1 reprocessing
RT solvent extraction

tam

INIS: 1981-05-11; ETDE: 1981-06-13

USE tamoxifen

TAMM-DANCOFF METHOD

BT1 calculation methods
RT boson expansion
RT quantum mechanics

tammuz-1 reactor

INIS: 1985-06-07; ETDE: 1985-07-18

USE tz1 reactor

tammuz-2 reactor

INIS: 1985-06-07; ETDE: 1985-07-18

USE tz2 reactor

TAMOXIFEN

INIS: 1981-05-11; ETDE: 1981-06-13

UF tam
*BT1 organic nitrogen compounds
RT estrogens
RT receptors

tan (triacetoneamine-n-oxyl)

(Prior to July 1985 this was a valid ETDE descriptor.)

USE triacetoneamine-n-oxyl

TANDEM ELECTROSTATIC**ACCELERATORS**

INIS: 1996-07-18; ETDE: 1979-08-09

(Prior to February 1979 this information was indexed to VAN DE GRAAFF

ACCELERATORS.)

UF learn tandem accelerator
*BT1 electrostatic accelerators
NT1 antares tandem accelerator
NT1 crnl mp tandem accelerator
NT1 jaeri tandem accelerator
NT1 orsay tandem accelerator
NT1 vivitron tandem accelerator
RT dynamitrons
RT van de graaff accelerators

tandem mirror devices

INIS: 2000-04-12; ETDE: 1981-04-17

SEE tmr reactors

SEE tmx devices

tandem mirror experiment at uclll

INIS: 1984-06-21; ETDE: 2002-06-13

USE tmx devices

tandem mirror type reactors

INIS: 1981-07-06; ETDE: 1981-08-04

USE tmr reactors

TANDEM MIRRORS

1983-09-06

(Prior to September 1983 this concept in ETDE was indexed to TMX DEVICES.)

*BT1 magnetic mirrors
NT1 gamma 10 devices
NT1 phaedrus mirror devices
NT1 tara devices
NT1 tmx devices
RT tlm configurations
RT tmr reactors

TANK CIRCUITS

BT1 electronic circuits
RT stored energy

tank farms

INIS: 2000-04-12; ETDE: 1979-12-10

USE storage facilities

tank type critical assembly

USE tca reactor

TANK TYPE REACTORS

UF br-3-vn reactor
BT1 reactors
NT1 aarr reactor
NT1 alrr reactor
NT1 aquilon reactor
NT1 atr reactor
NT1 atrs reactor
NT1 borax-1 reactor
NT1 borax-2 reactor
NT1 borax-3 reactor
NT1 borax-4 reactor
NT1 borax-5 reactor
NT1 br-02 reactor
NT1 br-1 reactor
NT1 br-2 reactor
NT1 cirus reactor
NT1 cp-3 reactor
NT1 cp-3m reactor
NT1 cp-5 reactor
NT1 dca reactor
NT1 dido reactor
NT1 diorit reactor
NT1 dmtr reactor
NT1 dr-3 reactor
NT1 eco reactor
NT1 el-1 reactor
NT1 el-2 reactor
NT1 el-3 reactor
NT1 eocr reactor
NT1 eoie reactor
NT1 esada-vesr reactor
NT1 essor reactor
NT1 etr reactor
NT1 etrr-1 reactor
NT1 ewa reactor
NT1 ewg-1 reactor
NT1 fir-1 reactor
NT1 fr-2 reactor
NT1 frj-2 reactor
NT1 getr reactor
NT1 grenoble reactor
NT1 gtrr reactor
NT1 hbwr reactor
NT1 hfbr reactor
NT1 hfir reactor
NT1 hfr reactor
NT1 hifar reactor
NT1 hwctr reactor
NT1 igr reactor
NT1 irr-2 reactor
NT1 ispra-1 reactor
NT1 janus reactor
NT1 jeep-2 reactor
NT1 jmtr reactor
NT1 jrr-2 reactor
NT1 jrr-3 reactor
NT1 juno reactor
NT1 kamini reactor
NT1 litr reactor
NT1 loft reactor
NT1 lprr reactor
NT1 mir reactor
NT1 mitr reactor
NT1 mnsr type reactors
NT2 entc mnsr reactor
NT2 gharr-1 reactor
NT2 mnsr-ciae reactor
NT2 mnsr-sd reactor
NT2 mnsr-sh reactor
NT2 mnsr-sz reactor
NT2 nirr-1 reactor
NT2 parr-2 reactor
NT2 srr-1 reactor
NT1 mrr reactor
NT1 mtr reactor

NT1 murr reactor
NT1 nbsr reactor
NT1 netr reactor
NT1 nora reactor
NT1 nru reactor
NT1 nrx reactor
NT1 ntr reactor
NT1 nuclear furnace reactor
NT1 orphee reactor
NT1 orr reactor
NT1 osiris reactor
NT1 owr reactor
NT1 pbf reactor
NT1 pbr reactor
NT1 pegase reactor
NT1 pelinduna reactor
NT1 pik reactor
NT1 pluto reactor
NT1 prcf reactor
NT1 prr reactor
NT1 pse reactor
NT1 purnima-3 reactor
NT1 r-1 reactor
NT1 r-2 reactor
NT1 r-a reactor
NT1 ra-0 reactor
NT1 ra-2 reactor
NT1 ra-3 reactor
NT1 ra-4 reactor
NT1 ra-5 reactor
NT1 rake-2 reactor
NT1 rb-3 reactor
NT1 rospo reactor
NT1 rpt reactor
NT1 safari-1 reactor
NT1 sm-2 reactor
NT1 spert-1 reactor
NT1 spert-2 reactor
NT1 spert-3 reactor
NT1 sr-1 reactor
NT1 sr-0a reactor
NT1 taiwan research reactor
NT1 tca reactor
NT1 thermos reactor
NT1 triga-1-michigan reactor
NT1 tsr-1 reactor
NT1 wnttr reactor
NT1 wr-1 reactor
NT1 wtr reactor
NT1 wwr type reactors
NT2 budapest training reactor
NT2 irt-1 libya reactor
NT2 irt-baghdad reactor
NT2 lvr-15 reactor
NT2 wwr-2 reactor
NT2 wwr-k-almaty reactor
NT2 wwr-k cf reactor
NT2 wwr-m-kiev reactor
NT2 wwr-m-leningrad reactor
NT2 wwr-s-bucharest reactor
NT2 wwr-s-budapest reactor
NT2 wwr-s-cairo reactor
NT2 wwr-s-moscow reactor
NT2 wwr-s-prague reactor
NT2 wwr-s-tashkent reactor
NT2 wwr-sm rossendorf reactor
NT2 wwr-z reactor
NT1 zed-2 reactor
NT1 zeep reactor
NT1 zlfr reactor
NT1 zpr reactor

TANKER SHIPS

INIS: 1992-05-22; ETDE: 1976-03-11

UF crude carriers
UF supertankers
UF ulcc
UF vlcc
BT1 ships

RT deep water oil terminals
RT lightering
RT maritime transport
RT petroleum

TANKS

(From April 1975 till February 1997
ACCUMULATORS was a valid ETDE
descriptor.)

UF accumulators
BT1 containers
NT1 floating roof tanks
NT1 hydraulic accumulators
RT hydrogen storage
RT liners
RT sensible heat storage

TANNIC ACID

UF digallic acid
UF gallotannic acid
UF tannin
*BT1 carboxylic acids
*BT1 polyphenols

tannin

USE tannic acid

TANTALATES

*Specific compounds should be indexed by
coordination of a descriptor of the form
(CATION) COMPOUNDS and the above
anion descriptor.*

BT1 oxygen compounds
*BT1 tantalum compounds
RT tantalum oxides

TANTALITE

*BT1 oxide minerals
RT iron oxides
RT manganese oxides
RT tantalum oxides

TANTALUM

*BT1 refractory metals
*BT1 transition elements

TANTALUM 155

2008-01-16

*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 proton decay radioisotopes
*BT1 tantalum isotopes

TANTALUM 156

INIS: 1989-07-19; ETDE: 1989-08-01

*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 proton decay radioisotopes
*BT1 tantalum isotopes

TANTALUM 157

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 alpha decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 proton decay radioisotopes
*BT1 tantalum isotopes

TANTALUM 158

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 tantalum isotopes

TANTALUM 159

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 tantalum isotopes

TANTALUM 160

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes
*BT1 tantalum isotopes

TANTALUM 161

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 alpha decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes
*BT1 tantalum isotopes

TANTALUM 162

INIS: 1985-10-23; ETDE: 1985-11-13

*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes
*BT1 tantalum isotopes

TANTALUM 163

INIS: 1980-12-01; ETDE: 1980-08-25

*BT1 alpha decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes
*BT1 tantalum isotopes

TANTALUM 164

INIS: 1982-08-27; ETDE: 1982-09-10

*BT1 alpha decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes
*BT1 tantalum isotopes

TANTALUM 165

INIS: 1982-08-27; ETDE: 1982-09-10

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes
*BT1 tantalum isotopes

TANTALUM 166

1975-08-22

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes
*BT1 tantalum isotopes

TANTALUM 167

INIS: 1976-07-06; ETDE: 1976-04-19

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 tantalum isotopes

TANTALUM 168

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 tantalum isotopes

TANTALUM 169

INIS: 1975-10-23; ETDE: 1975-08-19

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 tantalum isotopes

TANTALUM 170

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 tantalum isotopes

TANTALUM 171

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 tantalum isotopes

TANTALUM 172

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 tantalum isotopes

TANTALUM 173

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 tantalum isotopes

TANTALUM 174

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 tantalum isotopes

TANTALUM 175

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 tantalum isotopes

TANTALUM 176

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 tantalum isotopes

TANTALUM 177

*BT1 beta-plus decay radioisotopes
*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 tantalum isotopes

TANTALUM 178

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 tantalum isotopes

TANTALUM 179

- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 tantalum isotopes
- *BT1 years living radioisotopes

TANTALUM 179 TARGET

INIS: 1986-04-02; ETDE: 1985-12-11
BT1 targets

TANTALUM 180

- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 tantalum isotopes

TANTALUM 180 TARGET

INIS: 1976-02-11; ETDE: 1976-07-12
BT1 targets

TANTALUM 181

- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 stable isotopes
- *BT1 tantalum isotopes

TANTALUM 181 TARGET

ETDE: 1976-07-09
BT1 targets

TANTALUM 182

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 heavy nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 tantalum isotopes

TANTALUM 182 TARGET

INIS: 1976-08-17; ETDE: 1976-11-01
BT1 targets

TANTALUM 183

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 tantalum isotopes

TANTALUM 184

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 hours living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 tantalum isotopes

TANTALUM 185

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 tantalum isotopes

TANTALUM 186

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 tantalum isotopes

TANTALUM 187

2008-01-16
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 tantalum isotopes

TANTALUM 188

2008-01-16
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes
*BT1 tantalum isotopes

TANTALUM 189

2008-01-16
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 odd-even nuclei
*BT1 tantalum isotopes

TANTALUM 190

2008-01-16
*BT1 beta-minus decay radioisotopes
*BT1 heavy nuclei
*BT1 odd-odd nuclei
*BT1 tantalum isotopes

TANTALUM ADDITIONS

1996-07-16
Alloys containing not more than 1% Ta are listed here.
*BT1 tantalum alloys
NT1 alloy-n-10m

TANTALUM ALLOY-T111

1993-10-03
*BT1 alloy-ta90w8hf

TANTALUM ALLOY-T222

2000-04-12
*BT1 tantalum base alloys

TANTALUM ALLOYS

1995-02-27
Alloys containing more than 1% Ta.
*BT1 transition element alloys
NT1 alloy-b-1900
NT1 alloy-c-103
NT1 alloy-mar-m246
NT1 alloy-ni46cr23co19ti5al4
NT2 alloy-in-939
NT1 alloy-ni61cr16co9al3ti3w3
NT2 alloy-in-738
NT1 alloy-s-816
NT1 alloy-v-36
NT1 carboloy
NT1 tantalum additions
NT2 alloy-n-10m
NT1 tantalum base alloys
NT2 alloy-ta90w8hf
NT3 tantalum alloy-t111
NT2 astar 811c
NT2 tantalum alloy-t222

TANTALUM ARSENIDES

2013-05-15
*BT1 arsenides
*BT1 tantalum compounds

TANTALUM BASE ALLOYS

SF alloy-ta-10v
*BT1 tantalum alloys
NT1 alloy-ta90w8hf
NT2 tantalum alloy-t111
NT1 astar 811c
NT1 tantalum alloy-t222

TANTALUM BORIDES

*BT1 borides
*BT1 tantalum compounds

TANTALUM BROMIDES

*BT1 bromides
*BT1 tantalum halides

TANTALUM CARBIDES

*BT1 carbides

*BT1 tantalum compounds

TANTALUM CHLORIDES

*BT1 chlorides
*BT1 tantalum halides

TANTALUM COMPLEXES

*BT1 transition element complexes

TANTALUM COMPOUNDS

1997-06-19
BT1 refractory metal compounds
BT1 transition element compounds
NT1 tantalates
NT1 tantalum arsenides
NT1 tantalum borides
NT1 tantalum carbides
NT1 tantalum halides
NT2 tantalum bromides
NT2 tantalum chlorides
NT2 tantalum fluorides
NT2 tantalum iodides
NT1 tantalum hydrides
NT1 tantalum hydroxides
NT1 tantalum nitrides
NT1 tantalum oxides
NT1 tantalum phosphates
NT1 tantalum phosphides
NT1 tantalum selenides
NT1 tantalum silicates
NT1 tantalum silicides
NT1 tantalum sulfates
NT1 tantalum sulfides
NT1 tantalum tellurides
NT1 tantalum tungstates

TANTALUM FLUORIDES

*BT1 fluorides
*BT1 tantalum halides

TANTALUM HALIDES

2012-07-25
*BT1 halides
*BT1 tantalum compounds
NT1 tantalum bromides
NT1 tantalum chlorides
NT1 tantalum fluorides
NT1 tantalum iodides

TANTALUM HYDRIDES

*BT1 hydrides
*BT1 tantalum compounds

TANTALUM HYDROXIDES

*BT1 hydroxides
*BT1 tantalum compounds

TANTALUM IODIDES

*BT1 iodides
*BT1 tantalum halides

TANTALUM IONS

*BT1 ions

TANTALUM ISOTOPES

1999-07-16
BT1 isotopes
NT1 tantalum 155
NT1 tantalum 156
NT1 tantalum 157
NT1 tantalum 158
NT1 tantalum 159
NT1 tantalum 160
NT1 tantalum 161
NT1 tantalum 162
NT1 tantalum 163
NT1 tantalum 164
NT1 tantalum 165
NT1 tantalum 166
NT1 tantalum 167
NT1 tantalum 168
NT1 tantalum 169

NT1 tantalum 170
 NT1 tantalum 171
 NT1 tantalum 172
 NT1 tantalum 173
 NT1 tantalum 174
 NT1 tantalum 175
 NT1 tantalum 176
 NT1 tantalum 177
 NT1 tantalum 178
 NT1 tantalum 179
 NT1 tantalum 180
 NT1 tantalum 181
 NT1 tantalum 182
 NT1 tantalum 183
 NT1 tantalum 184
 NT1 tantalum 185
 NT1 tantalum 186
 NT1 tantalum 187
 NT1 tantalum 188
 NT1 tantalum 189
 NT1 tantalum 190

TANTALUM NITRIDES

*BT1 nitrides
 *BT1 tantalum compounds

TANTALUM ORES

BT1 ores

TANTALUM OXIDES

1996-06-28
 *BT1 oxides
 *BT1 tantalum compounds
 RT oxide minerals
 RT tantalates
 RT tantalite
 RT tapiolite

TANTALUM PHOSPHATES

1984-01-18
 *BT1 phosphates
 *BT1 tantalum compounds

TANTALUM PHOSPHIDES

INIS: 2000-04-12; ETDE: 1976-09-14
 *BT1 phosphides
 *BT1 tantalum compounds

TANTALUM SELENIDES

1976-02-05
 *BT1 selenides
 *BT1 tantalum compounds

TANTALUM SILICATES

INIS: 2000-04-12; ETDE: 1979-03-27
 *BT1 silicates
 *BT1 tantalum compounds

TANTALUM SILICIDES

1979-01-18
 *BT1 silicides
 *BT1 tantalum compounds

TANTALUM SULFATES

1982-02-10
 *BT1 sulfates
 *BT1 tantalum compounds

TANTALUM SULFIDES

*BT1 sulfides
 *BT1 tantalum compounds

TANTALUM TELLURIDES

INIS: 1980-07-24; ETDE: 1975-11-11
 *BT1 tantalum compounds
 *BT1 tellurides

TANTALUM TUNGSTATES

INIS: 1979-09-18; ETDE: 1976-04-19
 *BT1 tantalum compounds
 *BT1 tungstates

tanzania (united republic of)

2003-07-09
 USE united republic of tanzania

tapeworms

USE cestodes

TAPIOLITE

2000-04-12
 *BT1 oxide minerals
 RT iron oxides
 RT niobium oxides
 RT tantalum oxides

TAPIRO REACTOR

CNEN, Casaccia Center, Rome, Italy.
 *BT1 fast reactors
 *BT1 research reactors
 *BT1 test reactors

TAR

*BT1 other organic compounds
 NT1 bitumens
 NT2 asphalts
 NT2 coal tar
 NT2 thucholite
 NT1 shale tar
 RT pitches

tar sand oil

INIS: 2000-04-12; ETDE: 1976-07-07
 USE bitumens

tar sand tailings

1992-05-04
 USE oil sand tailings

TAR SAND TRIANGLE DEPOSIT

INIS: 2000-04-12; ETDE: 1977-05-07
 *BT1 oil sand deposits
 RT oil sands
 RT utah

tar sands

1975-09-01
 USE oil sands

TARA DEVICES

INIS: 1984-07-20; ETDE: 1984-02-23
 Tandem mirror experiment at MIT.
 *BT1 tandem mirrors

TARAPUR-1 REACTOR

Boisar, Maharashtra, India.
 *BT1 bwr type reactors

TARAPUR-2 REACTOR

Boisar, Maharashtra, India.
 *BT1 bwr type reactors

TARAPUR-3 REACTOR

2005-07-22
 Nuclear Power Corporation of India Ltd.,
 Boisar, Maharashtra, India.
 *BT1 phwr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

TARAPUR-4 REACTOR

2005-07-22
 Nuclear Power Corporation of India Ltd.,
 Boisar, Maharashtra, India.
 *BT1 phwr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

TARGET CHAMBERS

BT1 accelerator experimental facilities
 RT accelerators
 RT targets

target holders

INIS: 1976-03-25; ETDE: 2002-06-13
 USE sample holders

TARGETS

1998-01-29
 NT1 actinium 227 target
 NT1 aluminium 25 target
 NT1 aluminium 26 target
 NT1 aluminium 27 target
 NT1 aluminium 28 target
 NT1 americium 241 target
 NT1 americium 242 target
 NT1 americium 243 target
 NT1 antimony 118 target
 NT1 antimony 120 target
 NT1 antimony 121 target
 NT1 antimony 123 target
 NT1 antimony 127 target
 NT1 argon 36 target
 NT1 argon 37 target
 NT1 argon 38 target
 NT1 argon 40 target
 NT1 arsenic 75 target
 NT1 astatine 212 target
 NT1 barium 127 target
 NT1 barium 130 target
 NT1 barium 134 target
 NT1 barium 135 target
 NT1 barium 136 target
 NT1 barium 137 target
 NT1 barium 138 target
 NT1 barium 139 target
 NT1 berkelium 249 target
 NT1 beryllium 10 target
 NT1 beryllium 11 target
 NT1 beryllium 6 target
 NT1 beryllium 7 target
 NT1 beryllium 8 target
 NT1 beryllium 9 target
 NT1 bismuth 207 target
 NT1 bismuth 208 target
 NT1 bismuth 209 target
 NT1 bismuth 210 target
 NT1 boron 10 target
 NT1 boron 11 target
 NT1 boron 12 target
 NT1 boron 13 target
 NT1 boron 8 target
 NT1 bromine 71 target
 NT1 bromine 76 target
 NT1 bromine 79 target
 NT1 bromine 81 target
 NT1 cadmium 106 target
 NT1 cadmium 108 target
 NT1 cadmium 109 target
 NT1 cadmium 110 target
 NT1 cadmium 111 target
 NT1 cadmium 112 target
 NT1 cadmium 113 target
 NT1 cadmium 114 target
 NT1 cadmium 116 target
 NT1 calcium 39 target
 NT1 calcium 40 target
 NT1 calcium 41 target
 NT1 calcium 42 target
 NT1 calcium 43 target
 NT1 calcium 44 target
 NT1 calcium 46 target
 NT1 calcium 48 target
 NT1 calcium 49 target
 NT1 californium 244 target
 NT1 californium 246 target
 NT1 californium 249 target
 NT1 californium 250 target
 NT1 californium 251 target
 NT1 californium 252 target
 NT1 californium 254 target
 NT1 carbon 11 target

NT1	carbon 12 target	NT1	fluorine 18 target	NT1	lead 209 target
NT1	carbon 13 target	NT1	fluorine 19 target	NT1	lead 210 target
NT1	carbon 14 target	NT1	gadolinium 142 target	NT1	lithium 11 target
NT1	carbon 16 target	NT1	gadolinium 148 target	NT1	lithium 6 target
NT1	cerium 136 target	NT1	gadolinium 152 target	NT1	lithium 7 target
NT1	cerium 138 target	NT1	gadolinium 154 target	NT1	lithium 8 target
NT1	cerium 140 target	NT1	gadolinium 155 target	NT1	lithium 9 target
NT1	cerium 141 target	NT1	gadolinium 156 target	NT1	lutetium 174 target
NT1	cerium 142 target	NT1	gadolinium 157 target	NT1	lutetium 175 target
NT1	cerium 144 target	NT1	gadolinium 158 target	NT1	lutetium 176 target
NT1	cesium 131 target	NT1	gadolinium 159 target	NT1	magnesium 23 target
NT1	cesium 132 target	NT1	gadolinium 160 target	NT1	magnesium 24 target
NT1	cesium 133 target	NT1	gallium 65 target	NT1	magnesium 25 target
NT1	cesium 134 target	NT1	gallium 67 target	NT1	magnesium 26 target
NT1	cesium 135 target	NT1	gallium 69 target	NT1	magnesium 27 target
NT1	cesium 137 target	NT1	gallium 71 target	NT1	manganese 51 target
NT1	chlorine 35 target	NT1	germanium 70 target	NT1	manganese 52 target
NT1	chlorine 36 target	NT1	germanium 71 target	NT1	manganese 53 target
NT1	chlorine 37 target	NT1	germanium 72 target	NT1	manganese 54 target
NT1	chromium 50 target	NT1	germanium 73 target	NT1	manganese 55 target
NT1	chromium 52 target	NT1	germanium 74 target	NT1	mercury 193 target
NT1	chromium 53 target	NT1	germanium 75 target	NT1	mercury 196 target
NT1	chromium 54 target	NT1	germanium 76 target	NT1	mercury 198 target
NT1	chromium 56 target	NT1	germanium 86 target	NT1	mercury 199 target
NT1	cobalt 56 target	NT1	gold 187 target	NT1	mercury 200 target
NT1	cobalt 57 target	NT1	gold 193 target	NT1	mercury 201 target
NT1	cobalt 58 target	NT1	gold 194 target	NT1	mercury 202 target
NT1	cobalt 59 target	NT1	gold 195 target	NT1	mercury 204 target
NT1	cobalt 60 target	NT1	gold 196 target	NT1	mercury 206 target
NT1	copper 61 target	NT1	gold 197 target	NT1	molybdenum 100 target
NT1	copper 63 target	NT1	gold 198 target	NT1	molybdenum 92 target
NT1	copper 64 target	NT1	gold 199 target	NT1	molybdenum 94 target
NT1	copper 65 target	NT1	hafnium 174 target	NT1	molybdenum 95 target
NT1	curium 242 target	NT1	hafnium 176 target	NT1	molybdenum 96 target
NT1	curium 243 target	NT1	hafnium 177 target	NT1	molybdenum 97 target
NT1	curium 244 target	NT1	hafnium 178 target	NT1	molybdenum 98 target
NT1	curium 245 target	NT1	hafnium 179 target	NT1	neodymium 142 target
NT1	curium 246 target	NT1	hafnium 180 target	NT1	neodymium 143 target
NT1	curium 247 target	NT1	helium 3 target	NT1	neodymium 144 target
NT1	curium 248 target	NT1	helium 4 target	NT1	neodymium 145 target
NT1	curium 249 target	NT1	helium 6 target	NT1	neodymium 146 target
NT1	curium 250 target	NT1	holmium 165 target	NT1	neodymium 147 target
NT1	deuterium target	NT1	hydrogen 1 target	NT1	neodymium 148 target
NT1	dysprosium 154 target	NT1	indium 110 target	NT1	neodymium 149 target
NT1	dysprosium 156 target	NT1	indium 113 target	NT1	neodymium 150 target
NT1	dysprosium 158 target	NT1	indium 115 target	NT1	neon 20 target
NT1	dysprosium 160 target	NT1	indium 127 target	NT1	neon 21 target
NT1	dysprosium 161 target	NT1	iodine 127 target	NT1	neon 22 target
NT1	dysprosium 162 target	NT1	iodine 128 target	NT1	neptunium 232 target
NT1	dysprosium 163 target	NT1	iodine 129 target	NT1	neptunium 236 target
NT1	dysprosium 164 target	NT1	ion beam targets	NT1	neptunium 237 target
NT1	dysprosium 165 target	NT1	iridium 189 target	NT1	neptunium 238 target
NT1	einsteinium 253 target	NT1	iridium 190 target	NT1	neptunium 239 target
NT1	einsteinium 254 target	NT1	iridium 191 target	NT1	nickel 56 target
NT1	einsteinium 255 target	NT1	iridium 193 target	NT1	nickel 57 target
NT1	electron beam targets	NT1	iridium 194 target	NT1	nickel 58 target
NT1	erbium 162 target	NT1	iron 54 target	NT1	nickel 59 target
NT1	erbium 163 target	NT1	iron 55 target	NT1	nickel 60 target
NT1	erbium 164 target	NT1	iron 56 target	NT1	nickel 61 target
NT1	erbium 165 target	NT1	iron 57 target	NT1	nickel 62 target
NT1	erbium 166 target	NT1	iron 58 target	NT1	nickel 63 target
NT1	erbium 167 target	NT1	krypton 76 target	NT1	nickel 64 target
NT1	erbium 168 target	NT1	krypton 77 target	NT1	niobium 91 target
NT1	erbium 170 target	NT1	krypton 78 target	NT1	niobium 92 target
NT1	europium 151 target	NT1	krypton 80 target	NT1	niobium 93 target
NT1	europium 152 target	NT1	krypton 82 target	NT1	niobium 94 target
NT1	europium 153 target	NT1	krypton 83 target	NT1	niobium 95 target
NT1	europium 154 target	NT1	krypton 84 target	NT1	niobium 96 target
NT1	europium 155 target	NT1	krypton 85 target	NT1	nitrogen 12 target
NT1	fermium 253 target	NT1	krypton 86 target	NT1	nitrogen 13 target
NT1	fermium 254 target	NT1	lanthanum 139 target	NT1	nitrogen 14 target
NT1	fermium 255 target	NT1	laser targets	NT1	nitrogen 15 target
NT1	fermium 256 target	NT1	lead 200 target	NT1	nitrogen 16 target
NT1	fermium 257 target	NT1	lead 202 target	NT1	osmium 184 target
NT1	fermium 258 target	NT1	lead 204 target	NT1	osmium 186 target
NT1	fermium 259 target	NT1	lead 205 target	NT1	osmium 187 target
NT1	fermium 260 target	NT1	lead 206 target	NT1	osmium 188 target
NT1	fluorine 16 target	NT1	lead 207 target	NT1	osmium 189 target
NT1	fluorine 17 target	NT1	lead 208 target	NT1	osmium 190 target

NT1 osmium 191 target
 NT1 osmium 192 target
 NT1 osmium 193 target
 NT1 oxygen 14 target
 NT1 oxygen 15 target
 NT1 oxygen 16 target
 NT1 oxygen 17 target
 NT1 oxygen 18 target
 NT1 palladium 102 target
 NT1 palladium 104 target
 NT1 palladium 105 target
 NT1 palladium 106 target
 NT1 palladium 107 target
 NT1 palladium 108 target
 NT1 palladium 110 target
 NT1 palladium 118 target
 NT1 phosphorus 30 target
 NT1 phosphorus 31 target
 NT1 phosphorus 32 target
 NT1 platinum 190 target
 NT1 platinum 192 target
 NT1 platinum 194 target
 NT1 platinum 195 target
 NT1 platinum 196 target
 NT1 platinum 198 target
 NT1 plutonium 235 target
 NT1 plutonium 236 target
 NT1 plutonium 237 target
 NT1 plutonium 238 target
 NT1 plutonium 239 target
 NT1 plutonium 240 target
 NT1 plutonium 241 target
 NT1 plutonium 242 target
 NT1 plutonium 243 target
 NT1 plutonium 244 target
 NT1 polarized targets
 NT1 polonium 208 target
 NT1 polonium 210 target
 NT1 potassium 39 target
 NT1 potassium 40 target
 NT1 potassium 41 target
 NT1 praseodymium 141 target
 NT1 promethium 145 target
 NT1 promethium 147 target
 NT1 promethium 149 target
 NT1 protactinium 231 target
 NT1 protactinium 232 target
 NT1 protactinium 233 target
 NT1 radium 226 target
 NT1 rhenium 184 target
 NT1 rhenium 185 target
 NT1 rhenium 186 target
 NT1 rhenium 187 target
 NT1 rhodium 103 target
 NT1 rhodium 96 target
 NT1 rubidium 84 target
 NT1 rubidium 85 target
 NT1 rubidium 87 target
 NT1 rubidium 88 target
 NT1 ruthenium 100 target
 NT1 ruthenium 101 target
 NT1 ruthenium 102 target
 NT1 ruthenium 103 target
 NT1 ruthenium 104 target
 NT1 ruthenium 96 target
 NT1 ruthenium 98 target
 NT1 ruthenium 99 target
 NT1 samarium 144 target
 NT1 samarium 145 target
 NT1 samarium 146 target
 NT1 samarium 147 target
 NT1 samarium 148 target
 NT1 samarium 149 target
 NT1 samarium 150 target
 NT1 samarium 151 target
 NT1 samarium 152 target
 NT1 samarium 154 target
 NT1 scandium 45 target
 NT1 scandium 47 target

NT1 selenium 72 target
 NT1 selenium 74 target
 NT1 selenium 75 target
 NT1 selenium 76 target
 NT1 selenium 77 target
 NT1 selenium 78 target
 NT1 selenium 80 target
 NT1 selenium 82 target
 NT1 silicon 28 target
 NT1 silicon 29 target
 NT1 silicon 30 target
 NT1 silicon 32 target
 NT1 silicon 34 target
 NT1 silver 106 target
 NT1 silver 107 target
 NT1 silver 108 target
 NT1 silver 109 target
 NT1 silver 110 target
 NT1 sodium 21 target
 NT1 sodium 22 target
 NT1 sodium 23 target
 NT1 strontium 84 target
 NT1 strontium 86 target
 NT1 strontium 87 target
 NT1 strontium 88 target
 NT1 strontium 90 target
 NT1 sulfur 32 target
 NT1 sulfur 33 target
 NT1 sulfur 34 target
 NT1 sulfur 36 target
 NT1 tantalum 179 target
 NT1 tantalum 180 target
 NT1 tantalum 181 target
 NT1 tantalum 182 target
 NT1 technetium 99 target
 NT1 tellurium 119 target
 NT1 tellurium 120 target
 NT1 tellurium 122 target
 NT1 tellurium 123 target
 NT1 tellurium 124 target
 NT1 tellurium 125 target
 NT1 tellurium 126 target
 NT1 tellurium 128 target
 NT1 tellurium 130 target
 NT1 terbium 159 target
 NT1 terbium 160 target
 NT1 thallium 203 target
 NT1 thallium 205 target
 NT1 thallium 207 target
 NT1 thallium 209 target
 NT1 thorium 228 target
 NT1 thorium 229 target
 NT1 thorium 230 target
 NT1 thorium 231 target
 NT1 thorium 232 target
 NT1 thorium 233 target
 NT1 thorium 234 target
 NT1 thorium 238 target
 NT1 thorium 239 target
 NT1 thulium 169 target
 NT1 thulium 171 target
 NT1 tin 110 target
 NT1 tin 112 target
 NT1 tin 114 target
 NT1 tin 115 target
 NT1 tin 116 target
 NT1 tin 117 target
 NT1 tin 118 target
 NT1 tin 119 target
 NT1 tin 120 target
 NT1 tin 122 target
 NT1 tin 124 target
 NT1 tin 125 target
 NT1 tin 126 target
 NT1 titanium 44 target
 NT1 titanium 45 target
 NT1 titanium 46 target
 NT1 titanium 47 target
 NT1 titanium 48 target

NT1 titanium 49 target
 NT1 titanium 50 target
 NT1 tritium target
 NT1 tungsten 180 target
 NT1 tungsten 182 target
 NT1 tungsten 183 target
 NT1 tungsten 184 target
 NT1 tungsten 185 target
 NT1 tungsten 186 target
 NT1 uranium 232 target
 NT1 uranium 233 target
 NT1 uranium 234 target
 NT1 uranium 235 target
 NT1 uranium 236 target
 NT1 uranium 237 target
 NT1 uranium 238 target
 NT1 uranium 239 target
 NT1 uranium 240 target
 NT1 uranium 243 target
 NT1 vanadium 48 target
 NT1 vanadium 49 target
 NT1 vanadium 50 target
 NT1 vanadium 51 target
 NT1 xenon 123 target
 NT1 xenon 124 target
 NT1 xenon 125 target
 NT1 xenon 126 target
 NT1 xenon 127 target
 NT1 xenon 128 target
 NT1 xenon 129 target
 NT1 xenon 130 target
 NT1 xenon 131 target
 NT1 xenon 132 target
 NT1 xenon 134 target
 NT1 xenon 136 target
 NT1 ytterbium 168 target
 NT1 ytterbium 169 target
 NT1 ytterbium 170 target
 NT1 ytterbium 171 target
 NT1 ytterbium 172 target
 NT1 ytterbium 173 target
 NT1 ytterbium 174 target
 NT1 ytterbium 176 target
 NT1 yttrium 87 target
 NT1 yttrium 88 target
 NT1 yttrium 89 target
 NT1 zinc 64 target
 NT1 zinc 65 target
 NT1 zinc 66 target
 NT1 zinc 67 target
 NT1 zinc 68 target
 NT1 zinc 70 target
 NT1 zirconium 90 target
 NT1 zirconium 91 target
 NT1 zirconium 92 target
 NT1 zirconium 93 target
 NT1 zirconium 94 target
 NT1 zirconium 96 target
 RT nuclear reactions
 RT polarization-asymmetry ratio
 RT positioning
 RT scattering
 RT target chambers

TARIFFS

INIS: 1992-02-23; ETDE: 1978-06-14

Duties imposed by a government on imported or exported goods.

UF import taxes
 RT exports
 RT imports
 RT taxes
 RT trade

TARTARIC ACID

UF dihydroxysuccinic acid
 *BT1 hydroxy acids
 RT rochelle salt

tartaric acid esters

1996-07-23

(Until July 1996 this was a valid descriptor.)

USE carboxylic acid esters

TARTRATES

BT1 carboxylic acid salts

NT1 rochelle salt

tashkent wwr-s reactor

INIS: 1984-06-21; ETDE: 2002-06-13

USE wwr-s-tashkent reactor

TASK SCHEDULING

INIS: 1992-04-02; ETDE: 1985-01-28

The routing of data within a computer.

*BT1 data processing

RT array processors

RT executive codes

RT parallel processing

TASMAN SEA

INIS: 2000-04-12; ETDE: 1977-04-12

*BT1 pacific ocean

RT australia

RT new zealand

RT tasmania

TASMANIA

*BT1 australia

BT1 islands

RT indian ocean

RT pacific ocean

RT tasman sea

TASTE BUDS

*BT1 sense organs

RT flavor

taste particles

INIS: 1978-08-14; ETDE: 1978-10-19

*Flavor of quarks proposed in certain U(3)**gauge theories of electroweak interactions.*

(This was a valid descriptor from August 1978 to March 2006.)

SEE quarks

TATARIAN REACTOR

INIS: 1990-01-29; ETDE: 1990-02-13

Tatar, Russian Federation.

*BT1 wwr type reactors

TATB

INIS: 2000-04-12; ETDE: 1975-08-19

UF 1,3,5-triamino-2,4,6-trinitrobenzene

*BT1 chemical explosives

tau leptons

INIS: 1979-04-27; ETDE: 1979-05-25

USE tau particles

TAU NEUTRINOS

INIS: 1978-08-30; ETDE: 1978-02-14

*BT1 heavy leptons

*BT1 neutrinos

TAU PARTICLES

INIS: 1978-07-03; ETDE: 1978-02-14

UF tau leptons

UF tauons

*BT1 heavy leptons

RT electron-muon-tau universality

tauons

INIS: 1978-07-03; ETDE: 1978-08-08

USE tau particles

TAURINE

UF aminoethanesulfonic acid

*BT1 amines

*BT1 sulfonic acids

tautomerism

INIS: 2000-04-12; ETDE: 1980-03-04

USE isomerization

TAX CREDITS

INIS: 2000-07-28; ETDE: 1980-10-27

Forms of tax cancellation or exemption. Taxes are levied but remitted in whole or in part, usually on the basis of other taxes paid.

(Prior to November 1980, this concept in ETDE was indexed by FINANCIAL

INCENTIVES.)

UF tax offsets

BT1 financial incentives

RT charges

RT economics

RT taxes

TAX LAWS

INIS: 1990-12-15; ETDE: 1978-03-08

(Prior to December 1990, this descriptor was spelled TAX LAW.)

BT1 laws

tax offsets

INIS: 2000-04-12; ETDE: 1984-03-06

USE tax credits

TAXES

1997-06-19

(From November 1979 till March 1997

SURCHARGES was a valid ETDE

descriptor.)

SF surcharges

NT1 emissions tax

NT1 severance tax

NT1 windfall profits tax

RT charges

RT economic policy

RT economics

RT financial incentives

RT off-highway use

RT on-highway use

RT tariffs

RT tax credits

RT trade

RT us depletion allowances

RT us economic recovery tax act

TAXICABS

INIS: 1992-02-18; ETDE: 1979-11-23

BT1 vehicles

RT automobiles

RT occupants

RT transportation sector

RT transportation systems

RT vans

TAXONOMY

1976-05-05

The study of the general principles of classification.

RT biology

TBP

UF tributyl phosphate

*BT1 butyl phosphates

tbpo (tributylphosphine oxide)

ETDE: 2005-02-01

(Prior to January 2005 TBPO was a valid descriptor.)

USE tributylphosphine oxide

TBR TOKAMAK

1983-03-16

*BT1 tokamak devices

TCA REACTOR*JAERI, Tokai, Ibaraki, Japan. Under decommissioning. Shutdown since 2010.*

UF tank type critical assembly

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

*BT1 zero power reactors

TCA TOKAMAK

INIS: 1984-04-04; ETDE: 1984-05-08

Experimental tokamak at Centre de Recherches en Physique des Plasmas, Lausanne.

UF lausanne tokamak

UF tokamak chauffage alfvén

(switzerland)

*BT1 tokamak devices

TCABR TOKAMAK

2004-07-09

Tokamak Chauffage Alfvén, Institute of Physics, University of Sao Paulo, Brazil.

UF tokamak chauffage alfvén (brazil)

*BT1 tokamak devices

TCP

UF tricesyl phosphates

*BT1 phosphoric acid esters

tct

INIS: 1976-03-02; ETDE: 1975-11-26

USE two-component torus

TCV TOKAMAK

INIS: 1993-10-01; ETDE: 1993-11-08

Lausanne, Switzerland.

*BT1 tokamak devices

TD-NICKEL*Ni-ThO₂ dispersion.*

UF nickel-thorium oxide dispersions

*BT1 cermet

BT1 dispersions

RT nickel

RT thorium oxides

TD-NICKEL CHROMIUM*Ni-Cr-ThO₂ dispersion.*

UF nickel chromium-td

*BT1 cermet

*BT1 chromium alloys

BT1 dispersions

*BT1 nickel base alloys

RT thorium oxides

TD-NMR

1998-09-23

Time Domain Nuclear Magnetic Resonance.

*BT1 nuclear magnetic resonance

TDA

UF decylamine-tris

*BT1 amines

BT1 chelating agents

tea

USE beverages

TEA LEAVES

BT1 leaves

RT beverages

RT tea plants

TEA PLANTS

INIS: 1980-07-24; ETDE: 1980-08-12

UF camellia sinensis

*BT1 magnoliopsida

RT beverages

RT tea leaves

teab

1996-10-23

Tetraethylammonium bromide.

(Until October 1996 this was a valid descriptor.)

USE bromides

USE quaternary ammonium compounds

teaching

INIS: 1977-03-01; ETDE: 2002-06-13

USE education

teaching facilities

INIS: 1983-06-30; ETDE: 2002-06-13

USE educational facilities

teak event

1994-10-14

A test made during project hardtack.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE atmospheric explosions

USE nuclear explosions

teal oil

USE sesame oil

TEAPOT PROJECT

RT nuclear weapons

tear canals

INIS: 1977-07-05; ETDE: 2002-06-13

USE lacrimal ducts

TEARING INSTABILITY

INIS: 1978-11-24; ETDE: 1978-09-11

*BT1 plasma macroinstabilities

RT plasma disruption

TECHA RIVER

1996-06-26

*BT1 rivers

RT russian federation

TECHNETATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 oxygen compounds

*BT1 technetium compounds

RT technetium oxides

TECHNETIUM

UF masurium

*BT1 refractory metals

*BT1 transition elements

TECHNETIUM 100

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 technetium isotopes

TECHNETIUM 101

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 technetium isotopes

TECHNETIUM 102

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 isomeric transition isotopes

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 technetium isotopes

TECHNETIUM 103

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

*BT1 technetium isotopes

TECHNETIUM 104

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 technetium isotopes

TECHNETIUM 105

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 technetium isotopes

TECHNETIUM 106

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 technetium isotopes

TECHNETIUM 107

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

*BT1 technetium isotopes

TECHNETIUM 108

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 technetium isotopes

TECHNETIUM 109

1976-07-06

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

*BT1 technetium isotopes

TECHNETIUM 110

1976-07-06

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 technetium isotopes

TECHNETIUM 111

INIS: 1988-11-16; ETDE: 1988-12-02

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 technetium isotopes

TECHNETIUM 112

INIS: 1990-12-05; ETDE: 1991-01-15

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 technetium isotopes

TECHNETIUM 113

1998-10-21

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 technetium isotopes

TECHNETIUM 114

2008-01-16

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 technetium isotopes

TECHNETIUM 115

2008-01-16

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 technetium isotopes

TECHNETIUM 116

2008-01-16

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 technetium isotopes

TECHNETIUM 117

2008-01-16

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 technetium isotopes

TECHNETIUM 118

2008-01-16

*BT1 beta-minus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

*BT1 technetium isotopes

TECHNETIUM 85

2008-01-16

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 technetium isotopes

TECHNETIUM 86

2008-01-16

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 isomeric transition isotopes

*BT1 microseconds living radioisotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 technetium isotopes

TECHNETIUM 87

2008-01-16

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

*BT1 technetium isotopes

TECHNETIUM 88

1996-05-14

*BT1 beta-plus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 technetium isotopes

TECHNETIUM 89

INIS: 1992-09-23; ETDE: 1981-03-16

*BT1 beta-plus decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-even nuclei

*BT1 technetium isotopes

TECHNETIUM 90

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

- *BT1 seconds living radioisotopes
- *BT1 technetium isotopes

TECHNETIUM 91

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 technetium isotopes

TECHNETIUM 92

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 technetium isotopes

TECHNETIUM 93

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 technetium isotopes

TECHNETIUM 94

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 technetium isotopes

TECHNETIUM 95

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 technetium isotopes

TECHNETIUM 96

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 technetium isotopes

TECHNETIUM 97

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 technetium isotopes
- *BT1 years living radioisotopes

TECHNETIUM 98

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 technetium isotopes
- *BT1 years living radioisotopes

TECHNETIUM 99

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes

- *BT1 odd-even nuclei
- *BT1 technetium isotopes
- *BT1 years living radioisotopes

TECHNETIUM 99 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09
BT1 targets

TECHNETIUM ADDITIONS

Alloys containing not more than 1% Tc are listed here.

- *BT1 technetium alloys

TECHNETIUM ALLOYS

1995-02-27
Alloys containing more than 1% Tc.
*BT1 transition element alloys
NT1 technetium additions
NT1 technetium base alloys

TECHNETIUM BASE ALLOYS

- *BT1 technetium alloys

TECHNETIUM BROMIDES

1984-08-23
*BT1 bromides
*BT1 technetium halides

TECHNETIUM CARBIDES

- *BT1 carbides
- *BT1 technetium compounds

TECHNETIUM CHLORIDES

- *BT1 chlorides
- *BT1 technetium halides

TECHNETIUM COMPLEXES

- *BT1 transition element complexes

TECHNETIUM COMPOUNDS

- BT1 refractory metal compounds
- BT1 transition element compounds
- NT1 pertechnetates
- NT1 technetates
- NT1 technetium carbides
- NT1 technetium halides
- NT2 technetium bromides
- NT2 technetium chlorides
- NT2 technetium fluorides
- NT2 technetium iodides
- NT1 technetium hydrides
- NT1 technetium oxides
- NT1 technetium phosphates
- NT1 technetium selenides
- NT1 technetium sulfides
- NT1 technetium tellurides

TECHNETIUM FLUORIDES

- *BT1 fluorides
- *BT1 technetium halides

TECHNETIUM HALIDES

2012-07-25
*BT1 halides
*BT1 technetium compounds
NT1 technetium bromides
NT1 technetium chlorides
NT1 technetium fluorides
NT1 technetium iodides

TECHNETIUM HYDRIDES

INIS: 1983-03-14; ETDE: 1982-09-10
*BT1 hydrides
*BT1 technetium compounds

TECHNETIUM IODIDES

- *BT1 iodides
- *BT1 technetium halides

TECHNETIUM IONS

- *BT1 ions

TECHNETIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 technetium 100
- NT1 technetium 101
- NT1 technetium 102
- NT1 technetium 103
- NT1 technetium 104
- NT1 technetium 105
- NT1 technetium 106
- NT1 technetium 107
- NT1 technetium 108
- NT1 technetium 109
- NT1 technetium 110
- NT1 technetium 111
- NT1 technetium 112
- NT1 technetium 113
- NT1 technetium 114
- NT1 technetium 115
- NT1 technetium 116
- NT1 technetium 117
- NT1 technetium 118
- NT1 technetium 85
- NT1 technetium 86
- NT1 technetium 87
- NT1 technetium 88
- NT1 technetium 89
- NT1 technetium 90
- NT1 technetium 91
- NT1 technetium 92
- NT1 technetium 93
- NT1 technetium 94
- NT1 technetium 95
- NT1 technetium 96
- NT1 technetium 97
- NT1 technetium 98
- NT1 technetium 99

TECHNETIUM OXIDES

- *BT1 oxides
- *BT1 technetium compounds
- RT pertechnetates
- RT technetates

TECHNETIUM PHOSPHATES

INIS: 1981-03-10; ETDE: 1980-10-27
*BT1 phosphates
*BT1 technetium compounds

TECHNETIUM SELENIDES

1992-09-17
*BT1 selenides
*BT1 technetium compounds

TECHNETIUM SULFIDES

- *BT1 sulfides
- *BT1 technetium compounds

TECHNETIUM TELLURIDES

2000-04-12
(From January 1993 to February 2008
TECHNETIUM COMPOUNDS +
TELLURIDES was used for this concept.)
*BT1 technetium compounds
*BT1 tellurides

technical information center

INIS: 2000-04-12; ETDE: 1982-06-07
(Prior to June 1994, this was a valid ETDE
descriptor.)
USE information centers
USE us doe

technical specifications

USE specifications

technical writing

INIS: 2000-04-12; ETDE: 1981-11-24
(Prior to June 1992 this was a valid ETDE
descriptor.)
SEE document types

SEE information

TECHNOLOGY ASSESSMENT

INIS: 1991-08-16; ETDE: 1976-07-07

RT appropriate technology
RT best available technology
RT delphi method
RT feasibility studies
RT industry

technology development

INIS: 1984-10-23; ETDE: 2002-06-13

SEE commercialization

TECHNOLOGY IMPACTS

INIS: 1986-05-26; ETDE: 1983-08-25

RT appropriate technology
RT commercialization
RT cost benefit analysis
RT diversification
RT economic impact
RT economy
RT industry
RT social impact
RT socio-economic factors
RT technology transfer

TECHNOLOGY TRANSFER

1977-11-21

UF spin-off
UF transfer of knowledge
RT commercialization
RT developing countries
RT dual-use technologies
RT education
RT industry
RT information
RT information dissemination
RT international cooperation
RT inventions
RT nuclear engineering
RT technology impacts
RT us ota

TECHNOLOGY UTILIZATION

INIS: 1999-07-21; ETDE: 1993-08-31

(Prior to June 1992 this was a valid ETDE descriptor. From June 1992 to August 1993 this concept in ETDE was indexed by COMMERCIALIZATION.)

UF mission analysis
RT appropriate technology
RT best available technology
RT commercialization
RT developed countries
RT feasibility studies
RT industry

TECTONICS

A branch of geology dealing with the broad architecture of the upper part of the earth's crust, that is, the regional assembling of structural or deformational features, a study of their mutual relations, their origin, and their historical evolution.

NT1 plate tectonics
RT ground uplift
RT metamorphism
RT petrogenesis
RT rocks

TEDLAR

INIS: 2000-04-12; ETDE: 1979-05-03

*BT1 fluorinated aliphatic hydrocarbons
*BT1 plastics
*BT1 polyvinyls

teel oil

USE sesame oil

TEETH

*BT1 oral cavity

RT bone tissues
RT calcium
RT caries
RT dentin
RT dentistry
RT jaw

TEFLON

*BT1 plastics
*BT1 polytetrafluoroethylene

teheran university research reactor

INIS: 1993-11-09; ETDE: 2002-06-13

USE utrr reactor

TEHRAN NUCLEAR RESEARCH CENTRE

INIS: 1976-10-07; ETDE: 1976-11-01

UF nuclear research centre, tehran
*BT1 iranian organizations

TEKTITES

UF australites
UF billitonites
UF moldavites
UF obsidianites
RT meteorites
RT minerals

tel (tetraethyl lead)

ETDE: 2005-02-01

(Prior to January 2005 TEL was a valid descriptor.)

USE tetraethyl lead

TELANGIECTASIS

*BT1 skin diseases
*BT1 vascular diseases
RT blood vessels

TELEMETRY

*BT1 data transmission
RT mwd systems

TELEPHONES

INIS: 1999-07-05; ETDE: 1976-08-24

NT1 mobile phones
RT communications
RT data transmission
RT public utilities

TELESCOPE COUNTERS

RT coincidence circuits
RT cosmic ray detection
RT counting techniques
RT hodoscopes
RT radiation detectors

TELESCOPES

NT1 pyrheliometers
NT1 radio telescopes
RT borescopes
RT mirrors
RT optical systems

teletherapy

INIS: 1984-04-04; ETDE: 2002-06-13

USE radiotherapy

TELEVISION

RT camera tubes
RT communications
RT radiation protection
RT radio equipment
RT remote viewing equipment
RT television cameras
RT video tapes
RT x radiation

TELEVISION CAMERAS

INIS: 1992-05-22; ETDE: 1977-03-04

BT1 cameras
RT television

RT vidicons

TELLURATES

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

BT1 oxygen compounds
BT1 tellurium compounds
RT tellurium oxides

TELLURIC ACID

*BT1 inorganic acids
BT1 oxygen compounds
BT1 tellurium compounds

TELLURIC SURVEYS

INIS: 2000-04-12; ETDE: 1976-08-26

Electrical surveys in which the earth's natural electric field is measured at two or more stations simultaneously and a quantitative estimate of the geoelectric section obtained thereby.

*BT1 electrical surveys
RT geothermal exploration

TELLURIDES

1997-06-19

BT1 chalcogenides
BT1 tellurium compounds
NT1 aluminium tellurides
NT1 americium tellurides
NT1 antimony tellurides
NT1 arsenic tellurides
NT1 berkelium tellurides
NT1 beryllium tellurides
NT1 bismuth tellurides
NT1 cadmium tellurides
NT1 californium tellurides
NT1 cerium tellurides
NT1 cesium tellurides
NT1 chromium tellurides
NT1 cobalt tellurides
NT1 copper tellurides
NT1 curium tellurides
NT1 dysprosium tellurides
NT1 erbium tellurides
NT1 europium tellurides
NT1 gadolinium tellurides
NT1 gallium tellurides
NT1 germanium tellurides
NT1 gold tellurides
NT1 hafnium tellurides
NT1 holmium tellurides
NT1 indium tellurides
NT1 iridium tellurides
NT1 iron tellurides
NT1 lanthanum tellurides
NT1 lead tellurides
NT1 lithium tellurides
NT1 magnesium tellurides
NT1 manganese tellurides
NT1 mercury tellurides
NT1 molybdenum tellurides
NT1 neodymium tellurides
NT1 neptunium tellurides
NT1 nickel tellurides
NT1 niobium tellurides
NT1 palladium tellurides
NT1 platinum tellurides
NT1 plutonium tellurides
NT1 potassium tellurides
NT1 praseodymium tellurides
NT1 rhenium tellurides
NT1 rhodium tellurides
NT1 rubidium tellurides
NT1 ruthenium tellurides
NT1 samarium tellurides
NT1 selenium tellurides
NT1 silicon tellurides

NT1 silver tellurides
NT1 sodium tellurides
NT1 tantalum tellurides
NT1 technetium tellurides
NT1 terbium tellurides
NT1 thallium tellurides
NT1 thorium tellurides
NT1 thulium tellurides
NT1 tin tellurides
NT1 titanium tellurides
NT1 tungsten tellurides
NT1 uranium tellurides
NT1 vanadium tellurides
NT1 ytterbium tellurides
NT1 yttrium tellurides
NT1 zinc tellurides
NT1 zirconium tellurides
RT intermetallic compounds
RT oxytellurides
RT tellurium alloys

TELLURIUM

*BT1 semimetals

TELLURIUM 105

2007-04-19

*BT1 alpha decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 nanoseconds living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 106

*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 microseconds living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 107

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 108

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 109

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 110

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 111

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 112

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 113

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 114

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 115

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 tellurium isotopes

TELLURIUM 116

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 tellurium isotopes

TELLURIUM 117

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 tellurium isotopes

TELLURIUM 118

*BT1 beta-plus decay radioisotopes
*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 tellurium isotopes

TELLURIUM 119

*BT1 beta-plus decay radioisotopes
*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 tellurium isotopes

TELLURIUM 119 TARGET

INIS: 1975-09-01; ETDE: 1976-07-09

BT1 targets

TELLURIUM 120

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 tellurium isotopes

TELLURIUM 120 TARGET

ETDE: 1976-07-09

BT1 targets

TELLURIUM 121

*BT1 beta-plus decay radioisotopes
*BT1 days living radioisotopes

*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 tellurium isotopes

TELLURIUM 122

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 tellurium isotopes

TELLURIUM 122 TARGET

ETDE: 1976-07-09

BT1 targets

TELLURIUM 123

*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 stable isotopes
*BT1 tellurium isotopes
*BT1 years living radioisotopes

TELLURIUM 123 TARGET

ETDE: 1976-07-09

BT1 targets

TELLURIUM 124

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 tellurium isotopes

TELLURIUM 124 TARGET

ETDE: 1976-07-09

BT1 targets

TELLURIUM 125

*BT1 days living radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 stable isotopes
*BT1 tellurium isotopes

TELLURIUM 125 TARGET

ETDE: 1976-07-09

BT1 targets

TELLURIUM 126

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 tellurium isotopes

TELLURIUM 126 TARGET

ETDE: 1976-07-09

BT1 targets

TELLURIUM 127

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 isomeric transition isotopes
*BT1 tellurium isotopes

TELLURIUM 128

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 tellurium isotopes

TELLURIUM 128 TARGET

ETDE: 1976-07-09

BT1 targets

TELLURIUM 129

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 tellurium isotopes

TELLURIUM 130

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 tellurium isotopes

TELLURIUM 130 REACTIONS

INIS: 1980-12-01; ETDE: 1981-01-09

- *BT1 heavy ion reactions

TELLURIUM 130 TARGET

ETDE: 1976-07-09

- BT1 targets

TELLURIUM 131

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 tellurium isotopes

TELLURIUM 132

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 tellurium isotopes
- RT radioisotope generators

TELLURIUM 133

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 tellurium isotopes

TELLURIUM 134

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 tellurium isotopes

TELLURIUM 135

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 tellurium isotopes

TELLURIUM 136

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 tellurium isotopes

TELLURIUM 137

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 tellurium isotopes

TELLURIUM 138

1976-03-17

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes

- *BT1 tellurium isotopes

TELLURIUM 139

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 tellurium isotopes

TELLURIUM 140

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 tellurium isotopes

TELLURIUM 141

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 tellurium isotopes

TELLURIUM 142

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 tellurium isotopes

TELLURIUM ADDITIONS

- *BT1 tellurium alloys

TELLURIUM ALLOYS

Alloys containing more than 1% Te.

- BT1 alloys
- NT1 tellurium additions
- RT tellurides

TELLURIUM ARSENIDES

INIS: 2000-04-12; ETDE: 1976-02-19

- *BT1 arsenides
- BT1 tellurium compounds

TELLURIUM BROMIDES

1975-12-09

- *BT1 bromides
- *BT1 tellurium halides

TELLURIUM CHLORIDES

- *BT1 chlorides
- *BT1 tellurium halides

TELLURIUM COMPLEXES

- BT1 complexes

TELLURIUM COMPOUNDS

1997-06-19

- NT1 oxytellurides
- NT1 tellurates
- NT1 telluric acid
- NT1 tellurides
- NT2 aluminium tellurides
- NT2 americium tellurides
- NT2 antimony tellurides
- NT2 arsenic tellurides
- NT2 berkelium tellurides
- NT2 beryllium tellurides
- NT2 bismuth tellurides
- NT2 cadmium tellurides
- NT2 californium tellurides
- NT2 cerium tellurides
- NT2 cesium tellurides
- NT2 chromium tellurides
- NT2 cobalt tellurides
- NT2 copper tellurides
- NT2 curium tellurides
- NT2 dysprosium tellurides
- NT2 erbium tellurides
- NT2 europium tellurides
- NT2 gadolinium tellurides
- NT2 gallium tellurides
- NT2 germanium tellurides

- NT2 gold tellurides
- NT2 hafnium tellurides
- NT2 holmium tellurides
- NT2 indium tellurides
- NT2 iridium tellurides
- NT2 iron tellurides
- NT2 lanthanum tellurides
- NT2 lead tellurides
- NT2 lithium tellurides
- NT2 magnesium tellurides
- NT2 manganese tellurides
- NT2 mercury tellurides
- NT2 molybdenum tellurides
- NT2 neodymium tellurides
- NT2 neptunium tellurides
- NT2 nickel tellurides
- NT2 niobium tellurides
- NT2 palladium tellurides
- NT2 platinum tellurides
- NT2 plutonium tellurides
- NT2 potassium tellurides
- NT2 praseodymium tellurides
- NT2 rhenium tellurides
- NT2 rhodium tellurides
- NT2 rubidium tellurides
- NT2 ruthenium tellurides
- NT2 samarium tellurides
- NT2 selenium tellurides
- NT2 silicon tellurides
- NT2 silver tellurides
- NT2 sodium tellurides
- NT2 tantalum tellurides
- NT2 technetium tellurides
- NT2 terbium tellurides
- NT2 thallium tellurides
- NT2 thorium tellurides
- NT2 thulium tellurides
- NT2 tin tellurides
- NT2 titanium tellurides
- NT2 tungsten tellurides
- NT2 uranium tellurides
- NT2 vanadium tellurides
- NT2 ytterbium tellurides
- NT2 yttrium tellurides
- NT2 zinc tellurides
- NT2 zirconium tellurides
- NT1 tellurium arsenides
- NT1 tellurium halides
- NT2 tellurium bromides
- NT2 tellurium chlorides
- NT2 tellurium fluorides
- NT2 tellurium iodides
- NT1 tellurium hydrides
- NT1 tellurium hydroxides
- NT1 tellurium nitrates
- NT1 tellurium oxides
- NT1 tellurium sulfides

TELLURIUM FLUORIDES

- *BT1 fluorides
- *BT1 tellurium halides

TELLURIUM HALIDES

INIS: 1991-09-16; ETDE: 1975-10-01

- *BT1 halides
- BT1 tellurium compounds
- NT1 tellurium bromides
- NT1 tellurium chlorides
- NT1 tellurium fluorides
- NT1 tellurium iodides

TELLURIUM HYDRIDES

INIS: 1977-06-14; ETDE: 1977-01-10

- *BT1 hydrides
- BT1 tellurium compounds

TELLURIUM HYDROXIDES

INIS: 1978-02-23; ETDE: 1978-04-06

- *BT1 hydroxides
- BT1 tellurium compounds

TELLURIUM IODIDES

- *BT1 iodides
- *BT1 tellurium halides

TELLURIUM IONS

- *BT1 ions

TELLURIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 tellurium 105
- NT1 tellurium 106
- NT1 tellurium 107
- NT1 tellurium 108
- NT1 tellurium 109
- NT1 tellurium 110
- NT1 tellurium 111
- NT1 tellurium 112
- NT1 tellurium 113
- NT1 tellurium 114
- NT1 tellurium 115
- NT1 tellurium 116
- NT1 tellurium 117
- NT1 tellurium 118
- NT1 tellurium 119
- NT1 tellurium 120
- NT1 tellurium 121
- NT1 tellurium 122
- NT1 tellurium 123
- NT1 tellurium 124
- NT1 tellurium 125
- NT1 tellurium 126
- NT1 tellurium 127
- NT1 tellurium 128
- NT1 tellurium 129
- NT1 tellurium 130
- NT1 tellurium 131
- NT1 tellurium 132
- NT1 tellurium 133
- NT1 tellurium 134
- NT1 tellurium 135
- NT1 tellurium 136
- NT1 tellurium 137
- NT1 tellurium 138
- NT1 tellurium 139
- NT1 tellurium 140
- NT1 tellurium 141
- NT1 tellurium 142

TELLURIUM NITRATES

INIS: 1978-05-19; ETDE: 1978-07-05

- *BT1 nitrates
- BT1 tellurium compounds

TELLURIUM ORES

- BT1 ores

TELLURIUM OXIDES

- *BT1 oxides
- BT1 tellurium compounds
- RT moctezumite
- RT oxide minerals
- RT tellurates

TELLURIUM SULFIDES

- *BT1 sulfides
- BT1 tellurium compounds

TELOMERES

1995-01-27

Specialized end portions of chromosomes.

- RT chromosomal aberrations
- RT chromosomes
- RT dna replication

TELOMERIZATION

- *BT1 polymerization

telophase

- USE mitosis

tem (microscopy)

INIS: 1982-12-07; ETDE: 1979-01-30

- USE transmission electron microscopy

tem (triethylenemelamine)

- USE alkylating agents

TEMELIN-1 REACTOR

INIS: 1986-09-26; ETDE: 1988-02-09

- *BT1 wwer type reactors

TEMELIN-2 REACTOR

2003-03-10

- *BT1 wwer type reactors

TEMPERATE ZONES

INIS: 1993-03-25; ETDE: 1980-02-11

Areas or regions between the Tropic of Cancer and the Arctic Circle or between the Tropic of Capricorn and the Antarctic Circle.

- UF zones (temperate)
- RT boreal regions
- RT climates

temperature (0 k)

2000-04-12

- USE temperature zero k

temperature (0000-0013 k)

2000-04-12

- USE temperature range 0000-0013 k

temperature (0013-0065 k)

2000-04-12

- USE temperature range 0013-0065 k

temperature (0065-0273 k)

2000-04-12

- USE temperature range 0065-0273 k

temperature (0273-0400 k)

2000-04-12

- USE temperature range 0273-0400 k

temperature (0400-1000 k)

2000-04-12

- USE temperature range 0400-1000 k

temperature (1000-4000 k)

2000-04-12

- USE temperature range 1000-4000 k

temperature (4000 k and above)

2000-04-12

- USE temperature range over 4000 k

temperature (ambient)

INIS: 2000-04-12; ETDE: 1976-05-17

- USE ambient temperature

temperature (atmospheric)

INIS: 1993-07-06; ETDE: 2002-06-13

- USE ambient temperature

temperature (body)

- USE body temperature

temperature (debye)

- USE debye temperature

temperature (electron)

- USE electron temperature

temperature (global)

INIS: 1993-07-06; ETDE: 2002-06-13

- USE ambient temperature

temperature (ion)

- USE ion temperature

temperature (neutron)

- USE neutron temperature

temperature (nuclear)

- USE nuclear temperature

temperature (photon)

- USE photon temperature

temperature (proton)

- USE proton temperature

temperature (transition)

- USE transition temperature

TEMPERATURE COEFFICIENT

- BT1 reactivity coefficients
- RT doppler coefficient
- RT temperature dependence

TEMPERATURE CONTROL

1999-04-07

- BT1 control
- RT air conditioning
- RT ambient temperature
- RT building technology suite
- RT cooling
- RT heating
- RT temperature measurement
- RT temperature monitoring
- RT thermal comfort
- RT thermal insulation
- RT thermostats

TEMPERATURE DEPENDENCE

- UF heat effects
- UF pyroelectricity
- UF temperature effects
- UF thermal effects
- RT ambient temperature
- RT bowing
- RT temperature coefficient
- RT temperature distribution
- RT temperature range
- RT thermal hydraulics
- RT thermochemical diagrams
- RT thermoelasticity
- RT vernalization

TEMPERATURE DISTRIBUTION

1982-12-01

Coordinate with the descriptor for the appropriate temperature range.

(Prior to January 1983, the temperature range was coordinated with SPATIAL DISTRIBUTION.)

- RT ambient temperature
- RT isotherms
- RT spatial distribution
- RT temperature dependence
- RT temperature gradients
- RT thermal hydraulics

temperature effects

ETDE: 1975-10-28

(Prior to June 1993, this was a valid ETDE descriptor.)

- USE temperature dependence

TEMPERATURE GRADIENTS

1986-05-26

Coordinate with the descriptor for the temperature range involved.

(Prior to June 1986 this concept was expressed with the aid of TEMPERATURE DISTRIBUTION or SPATIAL DISTRIBUTION.)

- UF thermal gradients
- NT1 geothermal gradients
- RT ambient temperature
- RT onsager relations
- RT temperature distribution
- RT thermocline

TEMPERATURE INVERSIONS

INIS: 1976-10-29; ETDE: 1976-12-16

Meteorological phenomena whereby warmer air layers at higher altitudes produce a closed stable air layer at lower altitudes.

UF atmospheric inversion
 UF inversions (temperature)
 UF thermal inversion
 RT air pollution
 RT earth atmosphere
 RT meteorology

TEMPERATURE LOGGING

INIS: 2000-04-12; ETDE: 1977-11-29

Measurement of well temperature as a function of depth in order to ascertain the presence of anomalies.

BT1 well logging
 RT temperature measurement

TEMPERATURE MEASUREMENT

RT ambient temperature
 RT bolometers
 RT calorimeters
 RT calorimetry
 RT degree days
 RT geothermometers
 RT geothermometry
 RT isotherms
 RT measuring instruments
 RT noise thermometers
 RT optical pyrometers
 RT paleotemperature
 RT pyrometers
 RT reservoir temperature
 RT temperature control
 RT temperature logging
 RT temperature monitoring
 RT temperature surveys
 RT thermocouples
 RT thermography
 RT thermometers
 RT well temperature

TEMPERATURE MONITORING

BT1 monitoring
 RT in core instruments
 RT infrared thermography
 RT reactor monitoring systems
 RT temperature control
 RT temperature measurement

TEMPERATURE NOISE

BT1 noise
 RT cooling
 RT transients
 RT variations

temperature programmed desorption

2017-06-12

USE thermal desorption spectroscopy

TEMPERATURE RANGE

INIS: 1992-01-23; ETDE: 1992-02-10

NT1 temperature range 0000-0013 k
 NT1 temperature range 0013-0065 k
 NT1 temperature range 0065-0273 k
 NT1 temperature range 0273-0400 k
 NT1 temperature range 0400-1000 k
 NT1 temperature range 1000-4000 k
 NT1 temperature range over 4000 k
 RT ambient temperature
 RT temperature dependence
 RT temperature zero k

TEMPERATURE RANGE 0000-0013 K

INIS: 1992-01-23; ETDE: 1992-02-10

(Prior to February 1992, this subject was indexed to ULTRALOW TEMPERATURE.)

UF milli k range
 UF temperature (0000-0013 k)

UF ultralow temperature
 BT1 temperature range
 RT cryogenics

TEMPERATURE RANGE 0013-0065 K

INIS: 1992-01-23; ETDE: 1992-02-10

(Prior to February 1992, this subject was indexed to VERY LOW TEMPERATURE.)

UF temperature (0013-0065 k)
 UF very low temperature
 BT1 temperature range
 RT cryogenics

TEMPERATURE RANGE 0065-0273 K

INIS: 1992-01-23; ETDE: 1992-02-10

(Prior to February 1992, this subject was indexed to LOW TEMPERATURE.)

UF low temperature
 UF temperature (0065-0273 k)
 BT1 temperature range
 RT cryogenics
 RT freezing out

TEMPERATURE RANGE 0273-0400 K

INIS: 1992-01-23; ETDE: 1992-02-10

(Prior to February 1992, this subject was indexed to MEDIUM TEMPERATURE.)

UF medium temperature
 UF temperature (0273-0400 k)
 BT1 temperature range

TEMPERATURE RANGE 0400-1000 K

INIS: 1992-01-23; ETDE: 1992-02-10

(Prior to February 1992, this subject was indexed to HIGH TEMPERATURE.)

UF high temperature
 UF temperature (0400-1000 k)
 BT1 temperature range

TEMPERATURE RANGE 1000-4000 K

INIS: 1992-01-23; ETDE: 1992-02-10

(Prior to February 1992, this subject was indexed to VERY HIGH TEMPERATURE.)

UF temperature (1000-4000 k)
 UF very high temperature
 BT1 temperature range

TEMPERATURE RANGE OVER 4000 K

INIS: 1992-07-03; ETDE: 1992-02-10

(Prior to February 1992, this subject was indexed to ULTRAHIGH TEMPERATURE.)

UF temperature (4000 k and above)
 UF ultrahigh temperature
 BT1 temperature range

TEMPERATURE SURVEYS

INIS: 2000-01-21; ETDE: 1980-02-11

UF thermal surveys
 *BT1 geophysical surveys
 RT geothermal exploration
 RT temperature measurement

TEMPERATURE ZERO K

INIS: 1992-09-30; ETDE: 1992-02-10

(Until September 1992, this concept was indexed by ABSOLUTE ZERO TEMPERATURE.)

UF absolute zero temperature
 UF temperature (0 k)
 RT cryogenics
 RT temperature range

TEMPERING

BT1 heat treatments

TEMPORAL DOSE DISTRIBUTIONS

BT1 radiation dose distributions
 RT chronic irradiation
 RT cumulative radiation effects
 RT dose rates
 RT fractionated irradiation

RT integral doses
 RT irradiation procedures
 RT pulsed irradiation
 RT radiation dose rate ranges
 RT time dependence

TENDONS

INIS: 1992-01-16; ETDE: 1992-02-14

*BT1 connective tissue
 RT muscles

tendons (structural)

INIS: 2000-04-12; ETDE: 1978-09-11

USE cables

tenelon

INIS: 1996-07-23; ETDE: 1978-12-20

(Prior to March 1997 this was a valid ETDE descriptor.)

USE stainless steels

TENNESSEE

1997-06-19

*BT1 usa
 NT1 chattanooga
 NT1 oak ridge
 RT chattanooga formation
 RT clinch river
 RT cumberland river
 RT kingston steam plant
 RT little tennessee river
 RT mississippi river
 RT nuclear fuel recovery and recycling center
 RT oak ridge reservation
 RT orgdp
 RT ornl
 RT tennessee river
 RT tennessee valley region
 RT y-12 plant

TENNESSEE RIVER

1997-06-19

*BT1 rivers
 RT alabama
 RT kentucky
 RT tennessee
 RT tennessee valley region

tennessee tokamak

INIS: 2000-04-12; ETDE: 1984-05-08

USE tentok reactors

TENNESSEE VALLEY AUTHORITY

INIS: 1997-06-19; ETDE: 1976-01-07

UF tva
 *BT1 us organizations
 RT kingston steam plant
 RT little tennessee river
 RT paradise steam plant
 RT shawnee steam plant
 RT tennessee valley region
 RT widows creek steam plant

tennessee valley authority reactor-1

ETDE: 2002-06-13

USE tva-1 reactor

tennessee valley authority reactor-2

ETDE: 2002-06-13

USE tva-2 reactor

TENNESSEE VALLEY REGION

INIS: 2000-04-12; ETDE: 1978-09-13

BT1 watersheds
 RT alabama
 RT clinch river
 RT kentucky
 RT little tennessee river
 RT tennessee
 RT tennessee river
 RT tennessee valley authority

TENNESSINE

2017-04-11

Prior to March 2017 ELEMENT 117 was used for this element.

UF *eka-astatine*UF *ununseptium*

*BT1 transactinide elements

TENNESSINE IONS

2018-01-24

*BT1 ions

TENNESSINE ISOTOPES

2017-04-11

Prior to March 2017 ELEMENT 117

ISOTOPES was used for this concept.

UF *element 117 isotopes*BT1 *isotopes***TENSILE PROPERTIES**UF *strength (tensile)*UF *tensile strength*BT1 *mechanical properties*NT1 *ductility*NT1 *flexibility*RT *compression strength*RT *shear*RT *strain rate*RT *strains*RT *stresses*RT *ultimate strength*RT *yield strength***tensile strength**USE *tensile properties***tensiometers**

INIS: 2000-04-12; ETDE: 1976-09-28

Use descriptor below along with descriptors for what is being measured, e.g. SURFACE TENSION, SOILS + GROUND WATER, if appropriate.

(Prior to March 1997 this was a valid descriptor.)

SEE *measuring instruments*SEE *moisture gages*SEE *strain gages***tension (surface)**USE *surface tension***TENSOR DOMINANCE MODEL**UF *tensor meson dominance**BT1 *particle models*RT *tensor mesons***TENSOR FIELDS**

INIS: 1992-10-19; ETDE: 1992-11-04

RT *quantum field theory***TENSOR FORCES**RT *nuclear forces*RT *potentials*RT *tensors*RT *vectors***tensor meson dominance**USE *tensor dominance model***TENSOR MESONS**

1995-08-07

Mesons with spin higher than 1.

*BT1 *mesons*NT1 *a2-1320 mesons*NT1 *a4-2040 mesons*NT1 *a6-2450 mesons*NT1 *chi b2-9915 mesons*NT1 *chi2-3555 mesons*NT1 *d*2-2460 mesons*NT1 *f2-1270 mesons*NT1 *f2-1430 mesons*NT1 *f2-1720 mesons*NT1 *f2-1810 mesons*NT1 *f2-2010 mesons*NT1 *f2-2300 mesons*NT1 *f2-2340 mesons*NT1 *f2 prime-1525 mesons*NT1 *f4-2050 mesons*NT1 *f4-2300 mesons*NT1 *f6-2510 mesons*NT1 *k*2-1430 mesons*NT1 *k*3-1780 mesons*NT1 *k*4-2045 mesons*NT1 *k2-1770 mesons*NT1 *k2-1820 mesons*NT1 *omega3-1670 mesons*NT1 *phi3-1850 mesons*NT1 *pi2-1670 mesons*NT1 *pi2-2100 mesons*NT1 *rho3-1690 mesons*NT1 *rho3-2250 mesons*NT1 *rho5-2350 mesons*RT *meson nonets*RT *noncentral forces*RT *tensor dominance model***TENSORS**NT1 *dielectric tensor*NT1 *energy-momentum tensor*NT1 *ricci tensor*NT1 *vectors*NT2 *isovectors*RT *mathematics*RT *metrics*RT *scalars*RT *tensor forces***TENTOK REACTORS**

INIS: 2000-04-12; ETDE: 1984-05-08

3000-mw(t) plants fueled with D-T in D-shaped plasma with double-null poloidal divertor.

UF *tennessee tokamak**BT1 *tokamak type reactors***teollisuuden voima oy-1 reactor**

INIS: 1993-11-09; ETDE: 2002-06-13

USE *olkiluoto-1 reactor***teollisuuden voima oy-2 reactor**

INIS: 1993-11-09; ETDE: 2002-06-13

USE *olkiluoto-2 reactor***teollisuuden voima oy-3 reactor**

2005-09-08

USE *olkiluoto-3 reactor***TERA BQ RANGE**

2012-05-31

BT1 *radioactivity range***terahertz frequency range**

2003-03-21

USE *thz range***TERATOGEN SCREENING**

INIS: 2000-04-12; ETDE: 1981-12-14

UF *screening (teratogen)*RT *mutagen screening*RT *teratogenesis*RT *teratogens*RT *testing***TERATOGENESIS**RT *biological radiation effects*RT *congenital malformations*RT *growth*RT *teratogen screening*RT *teratogens***TERATOGENS**

INIS: 1983-09-06; ETDE: 1980-08-25

RT *atrazine*RT *carcinogens*RT *congenital malformations*RT *drugs*RT *fetuses*RT *genetic effects*RT *ionizing radiations*RT *mutagens*RT *neonates*RT *teratogen screening*RT *teratogenesis***TERAWATT POWER RANGE**

INIS: 1988-04-15; ETDE: 1989-09-18

BT1 *power range*NT1 *power range 01-10 tw*NT1 *power range 10-100 tw*NT1 *power range 100-1000 tw***TERBIUM***BT1 *rare earths***TERBIUM 135**

2007-04-23

*BT1 *microseconds living radioisotopes**BT1 *odd-even nuclei**BT1 *proton decay radioisotopes**BT1 *rare earth nuclei**BT1 *terbium isotopes***TERBIUM 136**

2007-04-23

*BT1 *electron capture radioisotopes**BT1 *milliseconds living radioisotopes**BT1 *odd-odd nuclei**BT1 *rare earth nuclei**BT1 *terbium isotopes***TERBIUM 137**

2007-04-23

*BT1 *electron capture radioisotopes**BT1 *milliseconds living radioisotopes**BT1 *odd-even nuclei**BT1 *proton decay radioisotopes**BT1 *rare earth nuclei**BT1 *terbium isotopes***TERBIUM 138**

2007-04-23

*BT1 *electron capture radioisotopes**BT1 *milliseconds living radioisotopes**BT1 *odd-odd nuclei**BT1 *proton decay radioisotopes**BT1 *rare earth nuclei**BT1 *terbium isotopes***TERBIUM 139**

INIS: 1999-12-23; ETDE: 2000-07-14

*BT1 *beta-plus decay radioisotopes**BT1 *electron capture radioisotopes**BT1 *odd-even nuclei**BT1 *rare earth nuclei**BT1 *seconds living radioisotopes**BT1 *terbium isotopes***TERBIUM 140**

INIS: 1987-02-25; ETDE: 1987-05-01

*BT1 *odd-odd nuclei**BT1 *rare earth nuclei**BT1 *seconds living radioisotopes**BT1 *terbium isotopes***TERBIUM 141**

INIS: 1988-04-15; ETDE: 1988-05-23

*BT1 *beta-plus decay radioisotopes**BT1 *electron capture radioisotopes**BT1 *odd-even nuclei**BT1 *rare earth nuclei**BT1 *seconds living radioisotopes**BT1 *terbium isotopes***TERBIUM 142**

2007-04-23

*BT1 *electron capture radioisotopes*

- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 143*1985-06-07*

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 144*INIS: 1982-06-09; ETDE: 1982-03-10*

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 145*INIS: 1982-06-09; ETDE: 1982-03-29*

- *BT1 beta-plus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 146

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 147

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 148

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 149

- *BT1 alpha decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 150

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 151

- *BT1 alpha decay radioisotopes

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 152

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 153

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 154

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 155

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 156

- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 157

- *BT1 electron capture radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes
- *BT1 years living radioisotopes

TERBIUM 158

- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes
- *BT1 years living radioisotopes

TERBIUM 159

- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes
- *BT1 terbium isotopes

TERBIUM 159 TARGET*ETDE: 1976-07-09*

BT1 targets

TERBIUM 160

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 160 TARGET*INIS: 1979-04-27; ETDE: 1979-05-25*

BT1 targets

TERBIUM 161

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 162

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 163

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 164

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 165*INIS: 1986-04-28; ETDE: 1986-07-03*

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM 166*1996-11-27*

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 167*2007-04-23*

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 168*2007-04-23*

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 169*2007-04-23*

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 170

2007-04-23

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 terbium isotopes

TERBIUM 171

2007-04-23

- *BT1 beta-minus decay radioisotopes
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 terbium isotopes

TERBIUM ADDITIONS

Alloys containing not more than 1% Tb are listed here.

- *BT1 rare earth additions
- *BT1 terbium alloys

TERBIUM ALLOYS

Alloys containing more than 1% Tb.

- *BT1 rare earth alloys
- NT1 terbium additions
- NT1 terbium base alloys

TERBIUM ARSENIDES*INIS: 1996-07-08; ETDE: 1976-09-14*

(From June 1996 to February 2008 TERBIUM COMPOUNDS + ARSENIDES was used for this concept.)

- *BT1 arsenides
- *BT1 terbium compounds

TERBIUM BASE ALLOYS

- *BT1 terbium alloys

TERBIUM BORIDES

- *BT1 borides
- *BT1 terbium compounds

TERBIUM BROMIDES

- *BT1 bromides
- *BT1 terbium halides

TERBIUM CARBIDES

- *BT1 carbides
- *BT1 terbium compounds

TERBIUM CARBONATES

- *BT1 carbonates
- *BT1 terbium compounds

TERBIUM CHLORIDES

- *BT1 chlorides
- *BT1 terbium halides

TERBIUM COMPLEXES

- *BT1 rare earth complexes

TERBIUM COMPOUNDS

1996-07-08

- BT1 rare earth compounds
- NT1 terbium arsenides
- NT1 terbium borides
- NT1 terbium carbides
- NT1 terbium carbonates
- NT1 terbium halides
- NT2 terbium bromides
- NT2 terbium chlorides
- NT2 terbium fluorides
- NT2 terbium iodides
- NT1 terbium hydrides
- NT1 terbium hydroxides
- NT1 terbium nitrates
- NT1 terbium nitrides
- NT1 terbium oxides
- NT1 terbium perchlorates
- NT1 terbium phosphates
- NT1 terbium phosphides
- NT1 terbium selenides

NT1 terbium silicides

NT1 terbium sulfates

NT1 terbium sulfides

NT1 terbium tellurides

TERBIUM FLUORIDES

- *BT1 fluorides
- *BT1 terbium halides

TERBIUM HALIDES

2012-07-25

- *BT1 halides
- *BT1 terbium compounds
- NT1 terbium bromides
- NT1 terbium chlorides
- NT1 terbium fluorides
- NT1 terbium iodides

TERBIUM HYDRIDES

- *BT1 hydrides
- *BT1 terbium compounds

TERBIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 terbium compounds

TERBIUM IODIDES

- *BT1 iodides
- *BT1 terbium halides

TERBIUM IONS

- *BT1 ions

TERBIUM ISOTOPES

- BT1 isotopes
- NT1 terbium 135
- NT1 terbium 136
- NT1 terbium 137
- NT1 terbium 138
- NT1 terbium 139
- NT1 terbium 140
- NT1 terbium 141
- NT1 terbium 142
- NT1 terbium 143
- NT1 terbium 144
- NT1 terbium 145
- NT1 terbium 146
- NT1 terbium 147
- NT1 terbium 148
- NT1 terbium 149
- NT1 terbium 150
- NT1 terbium 151
- NT1 terbium 152
- NT1 terbium 153
- NT1 terbium 154
- NT1 terbium 155
- NT1 terbium 156
- NT1 terbium 157
- NT1 terbium 158
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- NT1 terbium 164
- NT1 terbium 165
- NT1 terbium 166
- NT1 terbium 167
- NT1 terbium 168
- NT1 terbium 169
- NT1 terbium 170
- NT1 terbium 171

TERBIUM NITRATES

- *BT1 nitrates
- *BT1 terbium compounds

TERBIUM NITRIDES

- *BT1 nitrides
- *BT1 terbium compounds

TERBIUM OXIDES

- *BT1 oxides
- *BT1 terbium compounds

TERBIUM PERCHLORATES

- *BT1 perchlorates
- *BT1 terbium compounds

TERBIUM PHOSPHATES

- *BT1 phosphates
- *BT1 terbium compounds

TERBIUM PHOSPHIDES*INIS: 1977-01-25; ETDE: 1976-08-04*

- *BT1 phosphides
- *BT1 terbium compounds

TERBIUM SELENIDES*INIS: 1985-03-15; ETDE: 1978-09-13*

- *BT1 selenides
- *BT1 terbium compounds

TERBIUM SILICIDES

- *BT1 silicides
- *BT1 terbium compounds

TERBIUM SULFATES

- *BT1 sulfates
- *BT1 terbium compounds

TERBIUM SULFIDES

- *BT1 sulfides
- *BT1 terbium compounds

TERBIUM TELLURIDES*INIS: 1978-02-23; ETDE: 1977-10-20*

- *BT1 tellurides
- *BT1 terbium compounds

TEREPHTHALIC ACID

- UF benzenedicarboxylic acid-para
- *BT1 dicarboxylic acids
- RT dacron
- RT polyethylene terephthalate

TERMINAL FACILITIES*INIS: 1999-03-16; ETDE: 1977-03-04*

- UF facilities (terminal)
- NT1 deep water oil terminals
- RT energy facilities
- RT liquefied natural gas
- RT maintenance facilities
- RT storage facilities

TERNARY ALLOY SYSTEMS

- BT1 alloy systems

TERNARY FISSION

- *BT1 fission

TERNE-METAL

2000-04-12

- *BT1 antimony alloys
- *BT1 lead base alloys
- *BT1 tin alloys

TERPENES

1996-10-23

- UF camphene
- UF geraniol
- BT1 organic compounds
- NT1 camphor
- NT1 carotenoids
- NT1 squalene
- NT1 turpentine
- RT oils

terphenyl-meta

1996-10-23

(Until October 1996 this was a valid descriptor.)

- USE terphenyls

TERPHENYL-ORTHO

*BT1 terphenyls

TERPHENYL-PARA

*BT1 terphenyls

TERPHENYLS

1996-10-23

(Prior to March 1997 TERPHENYL-META was a valid ETDE descriptor.)

UF terphenyl-meta

*BT1 polyphenyls

NT1 terphenyl-ortho

NT1 terphenyl-para

RT liquid scintillators

RT plastic scintillators

terramycin

USE oxytetracycline

terrestrial background

USE background radiation

TERRESTRIAL ECOSYSTEMS

2000-05-24

BT1 ecosystems

NT1 rangelands

NT1 savannas

NT1 swamps

RT arid lands

RT deserts

RT forests

RT islands

RT land resources

RT soils

RT tundra

territorial seas

INIS: 1976-12-08; ETDE: 2002-06-13

USE territorial waters

TERRITORIAL WATERS

1999-10-21

Waters under the sovereign jurisdiction of a nation or state including both marginal sea and inland waters.

UF territorial seas

BT1 surface waters

RT coastal waters

RT continental shelf

RT fishery laws

RT government policies

RT high seas

RT inland waterways

RT maritime laws

RT nuclear ship visits

RT seas

terrorism

INIS: 2000-04-12; ETDE: 1987-05-06

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE proliferation

SEE sabotage

SEE security

SEE vulnerability

TERTIARY COOLANT CIRCUITS

2018-03-19

UF tertiary coolant loops

*BT1 reactor cooling systems

tertiary coolant loops

2018-03-19

USE tertiary coolant circuits

TERTIARY PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19

UF neogene period

UF oligocene epoch

UF paleocene epoch

UF paleogene period

*BT1 cenozoic era

NT1 eocene epoch

NT1 miocene epoch

NT1 pliocene epoch

tertiary recovery

INIS: 1991-10-22; ETDE: 1976-02-23

USE enhanced recovery

terylene

USE dacron

tesi devices

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

USE pinch devices

TESLA LINEAR COLLIDER

INIS: 2005-10-27; ETDE: 2002-09-17

TeV Energy Superconducting Linear Accelerator.

*BT1 linear colliders

TEST FACILITIES

1997-06-17

Facilities to test the technical feasibility of a concept or to provide the technical basis for similar facilities in larger sizes.

UF facilities (test)

UF international fusion superconducting magnet test facility

UF liquid metal test facilities

NT1 advanced components test facility

NT1 central receiver test facility

NT1 cnrs solar facility

NT1 felix facility

NT1 msstf

NT1 test reactors

NT2 aipfr reactor

NT2 arbus reactor

NT2 astr reactor

NT2 astra reactor

NT2 atrp reactor

NT2 atr reactor

NT2 bam reactor

NT2 bawtr reactor

NT2 bgrr reactor

NT2 borax-5 reactor

NT2 br-02 reactor

NT2 brt reactor

NT2 cesnef reactor

NT2 cirus reactor

NT2 cp-5 reactor

NT2 dhruva reactor

NT2 dimple reactor

NT2 diorit reactor

NT2 ebor reactor

NT2 ebr-1 reactor

NT2 eco reactor

NT2 eocr reactor

NT2 esada-vesr reactor

NT2 essor reactor

NT2 etr reactor

NT2 etrc reactor

NT2 fftf reactor

NT2 fir-1 reactor

NT2 fmr reactor

NT2 fnr reactor

NT2 fr-2 reactor

NT2 frctf reactor

NT2 frg-1 reactor

NT2 frn reactor

NT2 getr reactor

NT2 grenoble reactor

NT2 gtr reactor

NT2 gtrr reactor

NT2 hanaro reactor

NT2 harmonie reactor

NT2 herald reactor

NT2 hero reactor

NT2 hew-305 reactor

NT2 hfir reactor

NT2 hifar reactor

NT2 hre-2 reactor

NT2 hlttr reactor

NT2 htr-10 reactor

NT2 irl reactor

NT2 irr-1 reactor

NT2 irt-2000 djakarta reactor

NT2 irt-2000 moscow reactor

NT2 irt-baghdad reactor

NT2 ispra-1 reactor

NT2 jmtr reactor

NT2 kalpakkam lmfr reactor

NT2 loft reactor

NT2 mzfr reactor

NT2 netr reactor

NT2 nru reactor

NT2 ntr reactor

NT2 orphee reactor

NT2 ovr reactor

NT2 pat reactor

NT2 pegase reactor

NT2 proteus reactor

NT2 ra-3 reactor

NT2 ra-4 reactor

NT2 ra-5 reactor

NT2 ra-6 reactor

NT2 ra-8 reactor

NT2 rapsodie reactor

NT2 rts-1 reactor

NT2 s1c prototype reactor

NT2 safari-1 reactor

NT2 sbr-5 reactor

NT2 snaptran reactors

NT2 stf reactor

NT2 tapiro reactor

NT2 tory-2a reactor

NT2 tory-2c reactor

NT2 treat reactor

NT2 triga-1-michigan reactor

NT2 triga-2-pavia reactor

NT2 tsr-1 reactor

NT2 tsr-2 reactor

NT2 urr reactor

NT2 uvar reactor

NT2 viper reactor

NT2 wr-1 reactor

NT2 wtr reactor

NT1 tonopah test range

NT1 tritium systems test assembly

NT1 white sands solar facility

RT distributed structures

RT laboratory equipment

RT mockup

RT nuclear facilities

RT sttfua

RT testing

test fast breeder reactor kalpakkam

1993-11-10

USE kalpakkam lmfr reactor

TEST PARTICLES

RT charged particles

TEST REACTORS

1998-01-29

Reactors to test the technical feasibility of a concept or to provide the technical basis for a similar facility in a larger size.

*BT1 research and test reactors

BT1 test facilities

NT1 aipfr reactor

NT1 arbus reactor

NT1 astr reactor

NT1 astra reactor

NT1 atrp reactor

NT1 atr reactor

NT1 barn reactor
 NT1 bawtr reactor
 NT1 bgrr reactor
 NT1 borax-5 reactor
 NT1 br-02 reactor
 NT1 brr reactor
 NT1 cesnef reactor
 NT1 cirus reactor
 NT1 cp-5 reactor
 NT1 dhruva reactor
 NT1 dimple reactor
 NT1 diorit reactor
 NT1 ebor reactor
 NT1 ebr-1 reactor
 NT1 eco reactor
 NT1 eocr reactor
 NT1 esada-vesr reactor
 NT1 essor reactor
 NT1 etr reactor
 NT1 etrc reactor
 NT1 fffr reactor
 NT1 fir-1 reactor
 NT1 fmrbr reactor
 NT1 fnr reactor
 NT1 fr-2 reactor
 NT1 frctf reactor
 NT1 frg-1 reactor
 NT1 frn reactor
 NT1 getr reactor
 NT1 grenoble reactor
 NT1 gtr reactor
 NT1 gtrr reactor
 NT1 hanaro reactor
 NT1 harmonie reactor
 NT1 herald reactor
 NT1 hero reactor
 NT1 hew-305 reactor
 NT1 hfir reactor
 NT1 hifar reactor
 NT1 hre-2 reactor
 NT1 htltr reactor
 NT1 htr-10 reactor
 NT1 irl reactor
 NT1 irr-1 reactor
 NT1 irt-2000 djakarta reactor
 NT1 irt-2000 moscow reactor
 NT1 irt-baghdad reactor
 NT1 ispra-1 reactor
 NT1 jmtr reactor
 NT1 kalpakkam lmfr reactor
 NT1 loft reactor
 NT1 mzfr reactor
 NT1 netr reactor
 NT1 nru reactor
 NT1 ntr reactor
 NT1 orphee reactor
 NT1 ovr reactor
 NT1 pat reactor
 NT1 pegase reactor
 NT1 proteus reactor
 NT1 ra-3 reactor
 NT1 ra-4 reactor
 NT1 ra-5 reactor
 NT1 ra-6 reactor
 NT1 ra-8 reactor
 NT1 rapsodie reactor
 NT1 rts-1 reactor
 NT1 slc prototype reactor
 NT1 safari-1 reactor
 NT1 sbr-5 reactor
 NT1 snaptran reactors
 NT1 stf reactor
 NT1 tapiro reactor
 NT1 tory-2a reactor
 NT1 tory-2c reactor
 NT1 treat reactor
 NT1 triga-1-michigan reactor
 NT1 triga-2-pavia reactor
 NT1 tsr-1 reactor

NT1 tsr-2 reactor
 NT1 urr reactor
 NT1 uvar reactor
 NT1 viper reactor
 NT1 wr-1 reactor
 NT1 wtr reactor

test wells

INIS: 2000-04-12; ETDE: 1979-01-30
 USE exploratory wells

TESTES

BT1 gonads
 *BT1 male genitals
 RT androgens
 RT spermatogenesis

TESTING

1995-04-09
 Subjection to specific planned procedures
 calculated to reveal any deficiencies.

NT1 clinical trials
 NT1 drill stem testing
 NT1 field tests
 NT1 flight testing
 NT1 frequency response testing
 NT1 leak testing
 NT1 materials testing
 NT2 destructive testing
 NT3 charpy test
 NT2 indentation testing
 NT2 mechanical tests
 NT3 impact tests
 NT4 charpy test
 NT2 nondestructive testing
 NT3 acoustic testing
 NT4 acoustic emission testing
 NT4 ultrasonic testing
 NT3 electrical testing
 NT3 electromagnetic testing
 NT4 eddy current testing
 NT3 industrial radiography
 NT4 beta radiography
 NT4 gamma radiography
 NT5 gamma fuel scanning
 NT4 neutron radiography
 NT4 proton radiography
 NT4 x-ray radiography
 NT3 liquid penetrant inspection
 NT3 magnetic testing
 NT3 radiation attenuation testing
 NT3 thermal testing
 NT4 frost tests

NT1 performance testing
 NT1 road tests
 NT1 validation
 RT bench-scale experiments
 RT carcinogen screening
 RT certification
 RT evaluation
 RT feasibility studies
 RT inspection
 RT mutagen screening
 RT sampling
 RT teratogen screening
 RT test facilities

testing (biological)

USE bioassay

testing (materials)

2000-04-12
 USE materials testing

TESTOSTERONE

*BT1 androgens
 *BT1 hydroxy compounds
 *BT1 ketones

TETA

UF triethylenetetramine

*BT1 amines

TETAHA

Triethylenetetraaminehexaacetic acid.
 UF triethylenetetraaminehexaacetic acid
 *BT1 amino acids
 BT1 chelating agents

TETANUS

*BT1 bacterial diseases

TETRACENE

*BT1 polycyclic aromatic hydrocarbons

tetrachlorobenzoquinone

USE chloranil

tetrachloromethane

1985-07-22
 (Prior to August 1985 this was a valid
 descriptor.)
 USE carbon tetrachloride

TETRACYCLINES

1996-10-22
 (Prior to March 1997
 CHLORTETRACYCLINE was a valid ETDE
 descriptor.)
 UF chlortetracycline
 *BT1 antibiotics
 NT1 oxytetracycline

TETRADECANOIC ACID

UF myristic acid
 *BT1 monocarboxylic acids

TETRAETHYL LEAD

ETDE: 2005-02-01
 (Prior to January 2005 TEL was used for this
 concept.)
 UF tel (tetraethyl lead)
 BT1 lead compounds
 *BT1 organometallic compounds
 RT fuel additives

tetraethylammonium bromide

1996-10-23
 (Prior to March 1997 TEAB was used for this
 concept in ETDE.)
 USE bromides
 USE quaternary ammonium compounds

tetrafluoromethane

INIS: 1985-07-22; ETDE: 1976-08-24
 (Prior to August 1985 this was a valid
 descriptor.)
 USE carbon tetrafluoride

TETRAGONAL LATTICES

*BT1 three-dimensional lattices

TETRAHYDROFURAN

INIS: 2000-04-04; ETDE: 1979-11-23
 UF thf
 *BT1 furans
 NT1 mthf

tetrahydronaphthalene

USE tetralin

TETRAHYDROPYRAN

*BT1 pyrans
 RT ethers

tetrahydropyrroles

USE pyrrolidines

tetrahydroxybutane

USE erythritol

TETRAHYMENA

*BT1 ciliata

TETRALIN

UF *tetrahydronaphthalene*
 *BT1 aromatics
 *BT1 hydroaromatics
 RT naphthalene

tetramethyl-4-piperidone-n-oxyl

2000-04-12
 USE triacetoneamine-n-oxyl

tetramethylenediamine

USE putrescine

tetramethylethylene glycol

USE pinacol

tetramethyltetraselenafulvalene

INIS: 1983-10-14; ETDE: 1983-04-07
 USE tmtsf

TETRANEUTRONS

Bound state of four neutrons.
 *BT1 polyneutrons

tetraphenylethylene glycol

2000-04-12
 (Prior to February 1996 BENZOPINACOL was used for this concept in ETDE.)
 USE ethylene glycols

tetraploidy

USE polyploidy

TETRATHIAFULVALENE

INIS: 2000-03-29; ETDE: 2005-02-01
 (Prior to January 2005 TTF was used for this concept.)
 UF *ttf (tetrathiafulvalene)*
 *BT1 heterocyclic compounds
 *BT1 organic sulfur compounds

tetrathiafulvalene

tetracyanoquinodimethane
 INIS: 2000-05-02; ETDE: 1975-10-01
 USE ttf-tcnq

TETRAZOLES

Compounds that contain a five-membered heterocyclic ring containing four nitrogen atoms.
 *BT1 azoles
 NT1 tetrazolium

TETRAZOLIUM

*BT1 chlorides
 *BT1 tetrazoles

TETRYL

2000-04-12
 *BT1 amines
 *BT1 chemical explosives
 *BT1 nitro compounds

TEV RANGE

From 10 exp 12 to 10 exp 15 eV.
 BT1 energy range
 NT1 tev range 01-10
 NT1 tev range 10-100
 NT1 tev range 100-1000

TEV RANGE 01-10

INIS: 1977-10-17; ETDE: 1977-11-10
 *BT1 tev range

TEV RANGE 10-100

INIS: 1977-10-17; ETDE: 1977-11-10
 *BT1 tev range

TEV RANGE 100-1000

INIS: 1977-10-17; ETDE: 1977-11-10
 *BT1 tev range

tevatron

INIS: 2000-04-12; ETDE: 1983-09-15
 (Prior to July 1985 this was a valid ETDE descriptor.)
 USE fermilab tevatron

tevatron (fermilab)

INIS: 1984-02-22; ETDE: 2002-06-13
 USE fermilab tevatron

tewa event

INIS: 1994-10-14; ETDE: 1984-05-23
 A test made during PROJECT REDWING.
 (Prior to September 1994, this was a valid ETDE descriptor.)
 USE atmospheric explosions
 USE nuclear explosions

TEXACO GASIFICATION PROCESS

INIS: 1992-07-21; ETDE: 1977-05-07
 Coal, or any carbonaceous fuel, and oxygen are reacted in carbon monoxide and hydrogen at temperatures of 1200-2200 degrees F and pressures of 300-4500 psi. Steam may be used optionally. Hydrogen and carbon monoxide are recycled to the reactor to optimize methane yield. The high-btu off gas is suitable for upgrading to pipeline quality.
 *BT1 coal gasification

TEXAS

1997-06-19
 *BT1 usa
 RT brazos river
 RT dalhart basin
 RT galveston bay
 RT matagorda bay
 RT palo duro basin
 RT pantex plant
 RT permian basin
 RT rio grande river
 RT san antonio bay
 RT us gulf coast
 RT uvalde deposit

TEXAS A AND M CYCLOTRON

UF *texas a and m variable energy cyclotron*
 *BT1 isochronous cyclotrons

texas a and m k500 cyclotron

INIS: 1990-12-15; ETDE: 2002-06-13
 (Prior to December 1990, this was a valid descriptor.)
 USE texas superconducting cyclotron

texas a and m variable energy cyclotron

INIS: 1993-11-10; ETDE: 2002-06-13
 USE texas a and m cyclotron

texas college station training reactor

1993-11-10
 USE nscr reactor

texas experimental tokamak

INIS: 1978-07-17; ETDE: 1978-03-08
 USE text devices

TEXAS SUPERCONDUCTING CYCLOTRON

INIS: 1990-12-15; ETDE: 1983-03-24
 (Prior to December 1990, this concept was indexed by TEXASA AND M K500 CYCLOTRON.)
 UF *texas a and m k500 cyclotron*
 *BT1 heavy ion accelerators
 *BT1 isochronous cyclotrons
 *BT1 superconducting cyclotrons

texas university triga reactor

INIS: 1984-06-21; ETDE: 2002-06-13
 USE triga-texas reactor

TEXT DEVICES

INIS: 1978-07-17; ETDE: 1978-03-08
 Text is intended for diagnostic development and basic physics experiments including rf heating.
 UF *texas experimental tokamak*
 *BT1 tokamak devices

text editors

INIS: 2000-04-12; ETDE: 1978-06-14
 Means, often computer codes, to create or modify any sort of text, report, or computer code. Use the descriptor below and/or MODIFICATIONS, as appropriate.
 (Prior to May 1996 this was a valid ETDE descriptor.)
 SEE computer codes

TEXTILE INDUSTRY

INIS: 1998-10-13; ETDE: 1977-06-24
 BT1 industry
 RT textiles

TEXTILES

RT clothing
 RT cotton
 RT dacron
 RT fibers
 RT jute
 RT rayon
 RT textile industry
 RT wool

TEXTOLITE

*BT1 organic polymers

TEXTOR TOKAMAK

INIS: 1977-09-15; ETDE: 1977-11-10
 Torus EXperiment for Technology Oriented Research.
 UF *torus experiment for technology oriented research*
 *BT1 tokamak devices

TEXTURE

RT crystal structure
 RT grain orientation
 RT schulz method

TFCX REACTORS

INIS: 1994-04-11; ETDE: 1984-10-24
 UF *tokamak fusion core experiment*
 *BT1 tokamak type reactors

TFR TOKAMAK

UF *tokamak fontenay-aux-roses*
 *BT1 tokamak devices

tftr device

INIS: 1985-07-22; ETDE: 1979-05-03
 (Prior to August 1985 this was a valid descriptor.)
 USE tftr tokamak

tftr reactors

INIS: 2000-04-12; ETDE: 1978-04-06
 (Prior to July 1985 this was a valid ETDE descriptor.)
 USE tftr tokamak

TFTR TOKAMAK

1985-07-22
 (Prior to August 1985 TFTR DEVICE was used.)
 UF *tftr device*
 UF *tftr reactors*
 UF *tokamak fusion test reactor*
 *BT1 tokamak devices

THAI ORGANIZATIONS

2004-03-31

BT1 national organizations

thai research reactor-1

USE trr-1 reactor

THAILAND

BT1 asia

BT1 developing countries

THALAMUS

*BT1 brain

RT ganglions

THALASSEMIA

*BT1 anemias

THALLIUM

*BT1 metals

THALLIUM 176

2007-04-23

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 proton decay radioisotopes

*BT1 thallium isotopes

THALLIUM 177

2007-04-23

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 proton decay radioisotopes

*BT1 thallium isotopes

THALLIUM 178

2007-04-23

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei

*BT1 thallium isotopes

THALLIUM 179

INIS: 1983-09-01; ETDE: 1983-08-25

*BT1 alpha decay radioisotopes

*BT1 intermediate mass nuclei

*BT1 isomeric transition isotopes

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 thallium isotopes

THALLIUM 180

2007-04-23

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 intermediate mass nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 thallium isotopes

THALLIUM 181

2007-04-23

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

*BT1 thallium isotopes

THALLIUM 182

INIS: 1986-07-09; ETDE: 1981-09-08

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 thallium isotopes

THALLIUM 183

INIS: 1992-09-23; ETDE: 1981-09-22

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 milliseconds living radioisotopes

*BT1 odd-even nuclei

*BT1 thallium isotopes

THALLIUM 184

1977-01-25

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 thallium isotopes

THALLIUM 185

INIS: 1977-01-25; ETDE: 1977-04-13

*BT1 alpha decay radioisotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

*BT1 thallium isotopes

THALLIUM 186

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 thallium isotopes

THALLIUM 187

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

*BT1 thallium isotopes

THALLIUM 188

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 thallium isotopes

THALLIUM 189

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 thallium isotopes

THALLIUM 190

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 thallium isotopes

THALLIUM 191

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 thallium isotopes

THALLIUM 192

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 thallium isotopes

THALLIUM 193

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 minutes living radioisotopes

*BT1 odd-even nuclei

*BT1 thallium isotopes

THALLIUM 194

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 minutes living radioisotopes

*BT1 odd-odd nuclei

*BT1 thallium isotopes

THALLIUM 195

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 isomeric transition isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

*BT1 thallium isotopes

THALLIUM 196

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 isomeric transition isotopes

*BT1 odd-odd nuclei

*BT1 thallium isotopes

THALLIUM 197

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 isomeric transition isotopes

*BT1 odd-even nuclei

*BT1 seconds living radioisotopes

*BT1 thallium isotopes

THALLIUM 198

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 internal conversion radioisotopes

*BT1 isomeric transition isotopes

*BT1 odd-odd nuclei

*BT1 thallium isotopes

THALLIUM 199

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 hours living radioisotopes

*BT1 odd-even nuclei

*BT1 thallium isotopes

THALLIUM 200

*BT1 beta-plus decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 odd-odd nuclei

*BT1 thallium isotopes

THALLIUM 201

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 heavy nuclei

*BT1 isomeric transition isotopes

*BT1 odd-even nuclei

*BT1 thallium isotopes

THALLIUM 202

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 thallium isotopes

THALLIUM 203

- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 stable isotopes
- *BT1 thallium isotopes

THALLIUM 203 TARGET

ETDE: 1976-07-09
BT1 targets

THALLIUM 204

- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 thallium isotopes
- *BT1 years living radioisotopes

THALLIUM 205

- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 stable isotopes
- *BT1 thallium isotopes

THALLIUM 205 REACTIONS

INIS: 1978-04-21; ETDE: 1978-07-06
*BT1 heavy ion reactions

THALLIUM 205 TARGET

ETDE: 1976-07-09
BT1 targets

THALLIUM 206

- UF radium e//*
- *BT1 beta-minus decay radioisotopes
 - *BT1 heavy nuclei
 - *BT1 isomeric transition isotopes
 - *BT1 minutes living radioisotopes
 - *BT1 odd-odd nuclei
 - *BT1 thallium isotopes

THALLIUM 207

- UF actinium c//*
- *BT1 beta-minus decay radioisotopes
 - *BT1 heavy nuclei
 - *BT1 isomeric transition isotopes
 - *BT1 minutes living radioisotopes
 - *BT1 odd-even nuclei
 - *BT1 seconds living radioisotopes
 - *BT1 thallium isotopes

THALLIUM 207 TARGET

1980-05-14
BT1 targets

THALLIUM 208

- UF thorium c//*
- *BT1 beta-minus decay radioisotopes
 - *BT1 heavy nuclei
 - *BT1 minutes living radioisotopes
 - *BT1 odd-odd nuclei
 - *BT1 thallium isotopes

THALLIUM 209

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 thallium isotopes

THALLIUM 209 TARGET

INIS: 1984-06-21; ETDE: 1984-07-10
BT1 targets

THALLIUM 210

UF radium c//

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 thallium isotopes

THALLIUM 211

2007-04-23

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-even nuclei
- *BT1 thallium isotopes

THALLIUM 212

2007-04-23

- *BT1 beta-minus decay radioisotopes
- *BT1 heavy nuclei
- *BT1 odd-odd nuclei
- *BT1 thallium isotopes

THALLIUM ADDITIONS

Alloys containing not more than 1% Tl are listed here.
*BT1 thallium alloys

THALLIUM ALLOYS

Alloys containing more than 1% Tl.
BT1 alloys
NT1 thallium additions
NT1 thallium base alloys

THALLIUM BASE ALLOYS

- *BT1 thallium alloys

THALLIUM BROMIDES

- *BT1 bromides
- *BT1 thallium halides

THALLIUM CARBIDES

INIS: 1977-09-06; ETDE: 1975-12-16
*BT1 carbides
BT1 thallium compounds

THALLIUM CARBONATES

INIS: 1977-01-25; ETDE: 1977-10-20
*BT1 carbonates
BT1 thallium compounds

THALLIUM CHLORIDES

- *BT1 chlorides
- *BT1 thallium halides

THALLIUM COMPLEXES

- BT1 complexes

THALLIUM COMPOUNDS

1997-06-19
NT1 thallium carbides
NT1 thallium carbonates
NT1 thallium halides
NT2 thallium bromides
NT2 thallium chlorides
NT2 thallium fluorides
NT2 thallium iodides
NT1 thallium hydrides
NT1 thallium hydroxides
NT1 thallium nitrates
NT1 thallium oxides
NT1 thallium perchlorates
NT1 thallium phosphates
NT1 thallium selenides
NT1 thallium sulfates
NT1 thallium sulfides
NT1 thallium tellurides
NT1 thallium tungstates
NT1 thallium uranates

THALLIUM FLUORIDES

- *BT1 fluorides
- *BT1 thallium halides

THALLIUM HALIDES

INIS: 1985-01-17; ETDE: 1976-05-13
*BT1 halides
BT1 thallium compounds
NT1 thallium bromides
NT1 thallium chlorides
NT1 thallium fluorides
NT1 thallium iodides

THALLIUM HYDRIDES

INIS: 1981-06-19; ETDE: 1980-08-12
*BT1 hydrides
BT1 thallium compounds

THALLIUM HYDROXIDES

1996-07-08
(From June 1996 to November 2007
THALLIUM COMPOUNDS +
HYDROXIDES was used for this concept.)
*BT1 hydroxides
BT1 thallium compounds

THALLIUM IODIDES

- *BT1 iodides
- *BT1 thallium halides

THALLIUM IONS

- *BT1 ions

THALLIUM ISOTOPES

1999-07-16
BT1 isotopes
NT1 thallium 176
NT1 thallium 177
NT1 thallium 178
NT1 thallium 179
NT1 thallium 180
NT1 thallium 181
NT1 thallium 182
NT1 thallium 183
NT1 thallium 184
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NT1 thallium 188
NT1 thallium 189
NT1 thallium 190
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NT1 thallium 192
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NT1 thallium 195
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NT1 thallium 206
NT1 thallium 207
NT1 thallium 208
NT1 thallium 209
NT1 thallium 210
NT1 thallium 211
NT1 thallium 212

THALLIUM NITRATES

- *BT1 nitrates
- BT1 thallium compounds

THALLIUM OXIDES

- *BT1 oxides
- BT1 thallium compounds

THALLIUM PERCHLORATES

1996-07-23

(From July 1996 to November 2007

THALLIUM COMPOUNDS +

PERCHLORATES was used for this concept.)

*BT1 perchlorates

BT1 thallium compounds

THALLIUM PHOSPHATES

INIS: 1979-01-18; ETDE: 1979-02-23

*BT1 phosphates

BT1 thallium compounds

THALLIUM SELENIDES

INIS: 1980-09-12; ETDE: 1975-08-19

*BT1 selenides

BT1 thallium compounds

THALLIUM SULFATES

*BT1 sulfates

BT1 thallium compounds

THALLIUM SULFIDES

*BT1 sulfides

BT1 thallium compounds

THALLIUM TELLURIDES

INIS: 1979-09-18; ETDE: 1975-11-28

*BT1 tellurides

BT1 thallium compounds

THALLIUM TUNGSTATES

INIS: 2000-04-12; ETDE: 1976-11-17

BT1 thallium compounds

*BT1 tungstates

THALLIUM URANATES

1996-07-23

(From July 1996 to February 2008

THALLIUM COMPOUNDS + URANATES

was used for this concept.)

BT1 thallium compounds

*BT1 uranates

THAMES RIVER

INIS: 1976-02-11; ETDE: 1976-04-19

*BT1 rivers

THAWING

INIS: 2000-04-12; ETDE: 1976-03-11

Process of bringing a frozen material to an unfrozen state.

BT1 phase transformations

RT cryobiology

RT defrosting

RT freezing

RT melting

**THE FORMER YUGOSLAV
REPUBLIC OF MACEDONIA**

INIS: 1997-06-05; ETDE: 1998-04-10

UF former yugoslav republic of macedonia

UF macedonia (the former yugoslav republic of)

UF yugoslavia (macedonia)

SF yugoslavia

BT1 developing countries

*BT1 eastern europe

the geysers

1992-06-04

USE geysers geothermal field

the next step device

INIS: 2000-04-12; ETDE: 1978-03-03

USE tns reactors

the next step thermonuclear reactor

INIS: 1993-11-10; ETDE: 2002-06-13

USE tns reactors

THEBAINE

1996-07-08

*BT1 morphine

THEFT

INIS: 1993-02-18; ETDE: 1976-02-19

UF embezzlement

BT1 crime

RT physical protection devices

RT sabotage

RT security

RT vulnerability

thematic mapping

INIS: 2000-04-12; ETDE: 1991-02-22

USE multispectral photography

thenoyltrifluoroacetone

USE tta

theobroma

1977-04-07

USE cacao trees

THEOBROMINE

UF 3,7-dimethylxanthine

*BT1 diuretics

*BT1 vasodilators

*BT1 xanthines

THEOPHYLLINE

UF 1,3-dimethylxanthine

*BT1 diuretics

*BT1 vasodilators

*BT1 xanthines

THEORETICAL DATA

INIS: 1996-03-12; ETDE: 1979-02-27

Use only in conjunction with literary indicator

N for data flagging.

*BT1 numerical data

therapeutic agents

INIS: 1984-05-24; ETDE: 1981-04-20

USE drugs

THERAPEUTIC DOSES

2018-02-22

The amount of a medication or level of radiation required to produce the desired clinical outcome.

BT1 doses

RT drugs

RT side effects

RT toxicity

THERAPEUTIC USES

INIS: 1994-01-07; ETDE: 1985-09-24

BT1 uses

RT therapy

THERAPY

UF treatment (therapy)

BT1 medicine

NT1 chemotherapy

NT1 combined therapy

NT1 first aid

NT1 gene therapy

NT1 immunotherapy

NT2 radioimmunotherapy

NT1 post-irradiation therapy

NT1 radiotherapy

NT2 afterloading

NT2 brachytherapy

NT3 radioembolization

NT2 ct-guided radiotherapy

NT2 external beam radiation therapy

NT2 neutron therapy

NT3 neutron capture therapy

NT2 radioimmunotherapy

NT1 transfusions

RT balneology

RT biological recovery

RT bleomycin

RT castration

RT diet

RT drug delivery

RT drugs

RT injection

RT patients

RT radioimmunology

RT side effects

RT surgery

RT therapeutic uses

thermal alteration

INIS: 2000-07-24; ETDE: 1977-08-09

USE maturation

THERMAL ANALYSIS

UF analysis (thermal)

NT1 differential thermal analysis

NT1 dilatometry

NT1 emanation thermal analysis

NT1 thermal gravimetric analysis

RT phase diagrams

RT phase transformations

RT structural chemical analysis

RT thermal expansion

RT thermal hydraulics

THERMAL BARRIERS

INIS: 1983-03-16; ETDE: 1982-10-05

Localized depressions of field, particle density and potential which reduce thermal-energy transfer between plug and central-cell electrons in mirror devices.

RT plasma confinement

RT tmr reactors

RT tmx devices

THERMAL BATTERIES

2000-04-12

*BT1 electric batteries

RT electrolytic cells

RT thermoelectric conversion

**THERMAL BOUNDARY
RESISTANCE**

Thermal impedance at an interface at ultralow temperatures.

NT1 kapitz resistance

RT heat transfer

THERMAL BRIDGES

2005-07-05

Pathways, usually undesirable, through which heat is transferred much more readily than through adjacent materials.

RT building materials

RT heat gain

RT heat losses

RT thermal conduction

RT thermal insulation

THERMAL COLUMNS

UF columns (thermal)

UF reactor thermal columns

RT moderators

RT neutron sources

RT thermal neutrons

THERMAL COMFORT

INIS: 2000-04-12; ETDE: 1980-12-08

That condition which expresses satisfaction with the thermal environment and which is measured by such factors as air temperature, relative humidity, air velocity, etc.

SF mean radiant temperature

RT architecture

RT environment

RT humidity control

RT microclimates

RT temperature control

THERMAL CONDUCTION

Heat transfer by conduction.

UF conduction (thermal)

*BT1 heat transfer

RT thermal bridges

RT thermal conductivity

RT thermal insulation

THERMAL CONDUCTIVITY

UF conductivity (thermal)

*BT1 thermodynamic properties

RT heat transfer

RT liquid flow

RT matthiessen rule

RT nusselt number

RT righi-leduc effect

RT thermal conduction

RT thermal diffusivity

RT thermoelasticity

RT umklapp processes

RT wiedemann-franz law

THERMAL CRACKING

INIS: 1998-01-28; ETDE: 1976-12-15

*BT1 cracking

RT catalytic cracking

RT hydrocracking

THERMAL CYCLING

RT mechanical tests

RT thermal shock

thermal decay time log

INIS: 2000-04-12; ETDE: 1979-03-27

USE neutron-gamma logging

thermal decomposition

USE pyrolysis

THERMAL DEGRADATION

1975-10-09

Impairment of properties caused by exposure to heat.

UF degradation (thermal)

UF heat stability

RT chemical properties

RT heating

RT mechanical properties

RT physical properties

RT pyrolysis

THERMAL DESORPTION

SPECTROSCOPY

2017-06-12

A method of observing desorbed molecules from a surface when the surface temperature is increased.

UF temperature programmed desorption

BT1 spectroscopy

RT desorption

RT mass spectrometers

THERMAL DIFFUSION

Phenomenon in which a temperature gradient in a mixture of fluids gives rise to a flow of one constituent relative to the mixture as a whole.

UF thermodiffusion

BT1 diffusion

RT heat transfer

RT isotope separation

RT separation processes

RT thermal diffusivity

THERMAL DIFFUSIVITY

The quantity of heat passing normally through a unit area per unit time divided by the product of specific heat, density, and temperature gradient.

SF heat dissipation

*BT1 thermodynamic properties

RT prandtl number

RT thermal conductivity

RT thermal diffusion

RT thermal insulation

thermal effects

INIS: 2000-04-12; ETDE: 1975-10-28

USE temperature dependence

THERMAL EFFICIENCY

BT1 efficiency

RT heat rate

RT thermodynamics

THERMAL EFFLUENTS

UF effluents (thermal)

UF heated effluents

SF emissions (industrial)

SF heat dissipation

RT cold effluents

RT emissions tax

RT heat sinks

RT thermal pollution

RT waste heat

THERMAL ENERGY STORAGE EQUIPMENT

INIS: 1992-08-20; ETDE: 1975-11-28

UF heat storage devices

UF heat storage systems

*BT1 energy storage systems

BT1 equipment

RT heat storage

RT latent heat storage

RT peaking power plants

RT sensible heat storage

RT solar-assisted power systems

RT solar equipment

RT thermochemical heat storage

thermal envelope houses

INIS: 1992-08-25; ETDE: 1981-06-13

USE double envelope buildings

THERMAL EQUILIBRIUM

BT1 equilibrium

RT thermodynamic properties

THERMAL EXPANSION

BT1 expansion

RT contraction

RT dilatometry

RT elongation

RT expansion joints

RT grueneisen constant

RT swelling

RT thermal analysis

RT thermodynamic properties

RT thermoelasticity

THERMAL FATIGUE

*BT1 fatigue

THERMAL FISSION

*BT1 fission

*BT1 neutron reactions

RT thermal neutrons

RT watt fission spectrum

THERMAL FISSION FACTOR

BT1 dimensionless numbers

RT fission

RT multiplication factors

THERMAL FRACTURES

INIS: 1995-09-08; ETDE: 1980-07-09

*BT1 fractures

RT cracks

RT thermal fracturing

RT thermal stresses

THERMAL FRACTURING

INIS: 2000-04-12; ETDE: 1980-07-09

The formation or disintegration of a fracture or crack as a result of sudden temperature changes.

BT1 fracturing

RT thermal fractures

RT thermal stresses

thermal gradients

1982-12-01

Coordinate the descriptor below with the descriptor for the temperature range involved. (Prior to June 1986, the temperature range was coordinated with TEMPERATURE DISTRIBUTION.)

USE temperature gradients

THERMAL GRAVIMETRIC ANALYSIS

UF thermogravimetric analysis

UF thermogravimetry

*BT1 gravimetric analysis

BT1 thermal analysis

RT decomposition

THERMAL HYDRAULICS

2003-10-21

UF thermohydraulics

*BT1 hydraulics

RT flow models

RT fluid flow

RT temperature dependence

RT temperature distribution

RT thermal analysis

RT thermodynamics

thermal insulating glass

INIS: 2000-04-12; ETDE: 1983-03-23

SEE double glazing

SEE triple glazing

THERMAL INSULATION

1997-06-17

UF insulation (thermal)

UF vacuum insulation panels

RT air conditioning

RT bead walls

RT curtains

RT earth berms

RT energy conservation

RT fire resistance

RT heat mirrors

RT heat transfer

RT mineral wool

RT r factors

RT shielding

RT shutters

RT storm doors

RT storm windows

RT temperature control

RT thermal bridges

RT thermal conduction

RT thermal diffusivity

RT thermal shields

RT urea-formaldehyde foams

RT weatherization

RT weatherstripping

thermal inversion

INIS: 2000-04-12; ETDE: 1980-09-04

USE temperature inversions

THERMAL MASS

INIS: 2000-04-12; ETDE: 1978-07-05

UF mass (thermal)

BT1 mass

RT sensible heat storage

thermal-nelson model

1996-07-23

(Until July 1996 this was a valid descriptor.)

USE mathematical models

USE thermal spikes

THERMAL NEUTRONS

1996-07-08

Neutrons in thermal equilibrium with the medium in which they exist.

SF zemach-glauber formalism

*BT1 neutrons

RT neutron temperature

RT thermal columns

RT thermal fission

RT watt fission spectrum

thermal photography

INIS: 1978-07-03; ETDE: 1977-09-19

USE infrared thermography

THERMAL POLLUTION*Environmental temperature rise due to waste heat disposal.*

UF pollution (thermal)

UF thermal pollution (air)

UF thermal pollution (water)

BT1 pollution

RT environmental effects

RT plumes

RT thermal effluents

RT waste heat

thermal pollution (air)

USE air pollution

USE thermal pollution

thermal pollution (water)

USE thermal pollution

USE water pollution

THERMAL POWER PLANTS

BT1 power plants

NT1 combined-cycle power plants

NT2 mhd generator etf

NT1 fossil-fuel power plants

NT2 kingston steam plant

NT2 paradise steam plant

NT2 shawnee steam plant

NT2 widows creek steam plant

NT1 geothermal power plants

NT1 nuclear power plants

NT2 bopssar standard plant

NT2 ebasco standard plant

NT2 gibbssar standard plant

NT2 offshore nuclear power plants

NT3 akademik lomonosov powership

NT2 swessar standard plant

NT2 underground nuclear stations

NT1 ocean thermal power plants

NT1 refuse-fueled power plants

NT1 solar thermal power plants

NT2 distributed collector power plants

NT2 tower focus power plants

NT3 barstow solar pilot plant

NT1 thermonuclear power plants

NT1 wood-fuel power plants

RT district heating

RT heat rate

RT peaking power plants

thermal properties

USE thermodynamic properties

THERMAL RADIATION

*BT1 electromagnetic radiation

RT blackbody radiation

RT heat transfer

RT infrared radiation

RT radiant heat transfer

RT rosseland approximation

RT thermodynamic properties

THERMAL REACTORS

1996-02-09

BT1 reactors

NT1 aeg-pr-10 reactor

NT1 aerojet-general nucleonics reactors

NT2 agn 201 costanza

NT2 agn-201k reactor

NT1 afri reactor

NT1 agesta reactor

NT1 ai-l-77 reactor

NT1 akr-1 reactor

NT1 alir reactor

NT1 anex reactor

NT1 anna reactor

NT1 aps reactor

NT1 apsara reactor

NT1 aquilon reactor

NT1 arbi reactor

NT1 arbus reactor

NT1 argonaut reactor

NT1 argos reactor

NT1 argus reactor

NT1 armf-1 reactor

NT1 astra reactor

NT1 athene reactor

NT1 atrp reactor

NT1 atr reactor

NT1 atrc reactor

NT1 atsr reactor

NT1 atucha-1 reactor

NT1 atucha-2 reactor

NT1 avogadro rs-1 reactor

NT1 avr reactor

NT1 bawtr reactor

NT1 beloyarsk-1 reactor

NT1 beloyarsk-2 reactor

NT1 bepo reactor

NT1 ber-2 reactor

NT1 berkeley reactor

NT1 bgrr reactor

NT1 bilibin reactor

NT1 bohunice a-1 reactor

NT1 bohunice a-2 reactor

NT1 borax-1 reactor

NT1 borax-2 reactor

NT1 borax-3 reactor

NT1 borax-4 reactor

NT1 borax-5 reactor

NT1 br-02 reactor

NT1 br-1 reactor

NT1 br-2 reactor

NT1 bradwell reactor

NT1 brr reactor

NT1 bsr-1 reactor

NT1 bsr-2 reactor

NT1 budapest training reactor

NT1 bugey-1 reactor

NT1 bwr type reactors

NT2 allens creek-1 reactor

NT2 allens creek-2 reactor

NT2 bailly-1 reactor

NT2 barsebaeck-1 reactor

NT2 barsebaeck-2 reactor

NT2 barton-1 reactor

NT2 barton-2 reactor

NT2 barton-3 reactor

NT2 barton-4 reactor

NT2 bell reactor

NT2 big rock point reactor

NT2 black fox-1 reactor

NT2 black fox-2 reactor

NT2 bolsa chica-1 reactor

NT2 bolsa chica-2 reactor

NT2 bonus reactor

NT2 browns ferry-1 reactor

NT2 browns ferry-2 reactor

NT2 browns ferry-3 reactor

NT2 brunsbuettel reactor

NT2 brunswick-1 reactor

NT2 brunswick-2 reactor

NT2 chinshan-1 reactor

NT2 chinshan-2 reactor

NT2 clinton-1 reactor

NT2 clinton-2 reactor

NT2 cofrentes reactor

NT2 cooper reactor

NT2 dodewaard reactor

NT2 douglas point-1 reactor

NT2 douglas point-2 reactor

NT2 dresden-1 reactor

NT2 dresden-2 reactor

NT2 dresden-3 reactor

NT2 duane arnold-1 reactor

NT2 ebwr reactor

NT2 enel-4 reactor

NT2 enrico fermi-2 reactor

NT2 err reactor

NT2 fitzpatrick reactor

NT2 forsmark-1 reactor

NT2 forsmark-2 reactor

NT2 forsmark-3 reactor

NT2 fukushima-1 reactor

NT2 fukushima-2 reactor

NT2 fukushima-3 reactor

NT2 fukushima-4 reactor

NT2 fukushima-5 reactor

NT2 fukushima-6 reactor

NT2 fukushima-ii-1 reactor

NT2 fukushima-ii-2 reactor

NT2 fukushima-ii-3 reactor

NT2 fukushima-ii-4 reactor

NT2 garigliano reactor

NT2 garona reactor

NT2 ge standard reactor

NT2 graben-1 reactor

NT2 graben-2 reactor

NT2 grand gulf-1 reactor

NT2 grand gulf-2 reactor

NT2 gundremmingen-2 reactor

NT2 gundremmingen-3 reactor

NT2 hamaoka-1 reactor

NT2 hamaoka-2 reactor

NT2 hamaoka-3 reactor

NT2 hamaoka-4 reactor

NT2 hamaoka-5 reactor

NT2 hartsville-1 reactor

NT2 hartsville-2 reactor

NT2 hartsville-3 reactor

NT2 hartsville-4 reactor

NT2 hatch-1 reactor

NT2 hatch-2 reactor

NT2 hdr reactor

NT2 higashidori-1 reactor

NT2 hope creek-1 reactor

NT2 hope creek-2 reactor

NT2 humboldt bay reactor

NT2 isar reactor

NT2 jpdr-2 reactor

NT2 jpdr reactor

NT2 kaiseraugst reactor

NT2 kashiwazaki-kariwa-1 reactor

NT2 kashiwazaki-kariwa-2 reactor

NT2 kashiwazaki-kariwa-3 reactor

NT2 kashiwazaki-kariwa-4 reactor

NT2 kashiwazaki-kariwa-5 reactor

NT2 kashiwazaki-kariwa-6 reactor

NT2 kashiwazaki-kariwa-7 reactor

NT2 kruemmel reactor

NT2 kuosheng-1 reactor

NT2 kuosheng-2 reactor

NT2 la salle county-1 reactor

NT2 la salle county-2 reactor

NT2 lacbwr reactor

NT2 laguna verde-1 reactor

NT2 laguna verde-2 reactor

NT2 leibstadt reactor

NT2	limerick-1 reactor	NT2	bruce-7 reactor	NT1	es-salam reactor
NT2	limerick-2 reactor	NT2	bruce-8 reactor	NT1	esada-vesr reactor
NT2	lingen reactor	NT2	cernavoda-1 reactor	NT1	essor reactor
NT2	lungmen-1 reactor	NT2	cernavoda-2 reactor	NT1	etr reactor
NT2	lungmen-2 reactor	NT2	cordoba reactor	NT1	etrc reactor
NT2	mendocino-1 reactor	NT2	darlington-1 reactor	NT1	etrr-2 reactor
NT2	mendocino-2 reactor	NT2	darlington-2 reactor	NT1	ewg-1 reactor
NT2	millstone-1 reactor	NT2	darlington-3 reactor	NT1	fir-1 reactor
NT2	montague-1 reactor	NT2	darlington-4 reactor	NT1	fnr reactor
NT2	montague-2 reactor	NT2	douglas point ontario reactor	NT1	fr-2 reactor
NT2	montalto di castro-1 reactor	NT2	embalse reactor	NT1	frg-1 reactor
NT2	montalto di castro-2 reactor	NT2	gentilly-1 reactor	NT1	frm-ii reactor
NT2	monticello reactor	NT2	gentilly-2 reactor	NT1	fulton-1 reactor
NT2	muehleberg reactor	NT2	kaiga-1 reactor	NT1	fulton-2 reactor
NT2	nine mile point-1 reactor	NT2	kaiga-2 reactor	NT1	g-1 reactor
NT2	nine mile point-2 reactor	NT2	kakrapar-1 reactor	NT1	g-2 reactor
NT2	okg-1 reactor	NT2	kakrapar-2 reactor	NT1	g-3 reactor
NT2	okg-2 reactor	NT2	kanupp reactor	NT1	ga siwabessy reactor
NT2	okg-3 reactor	NT2	npd reactor	NT1	ga standard reactor
NT2	olkiluoto-1 reactor	NT2	pickering-1 reactor	NT1	getr reactor
NT2	olkiluoto-2 reactor	NT2	pickering-2 reactor	NT1	gidra reactor
NT2	onagawa-1 reactor	NT2	pickering-3 reactor	NT1	gleep reactor
NT2	onagawa-2 reactor	NT2	pickering-4 reactor	NT1	hartlepool reactor
NT2	onagawa-3 reactor	NT2	pickering-5 reactor	NT1	hbwr reactor
NT2	oyster creek-1 reactor	NT2	pickering-6 reactor	NT1	hector reactor
NT2	pathfinder reactor	NT2	pickering-7 reactor	NT1	herald reactor
NT2	peach bottom-2 reactor	NT2	pickering-8 reactor	NT1	hew-305 reactor
NT2	peach bottom-3 reactor	NT2	point lepreau-1 reactor	NT1	heysham-a reactor
NT2	perry-1 reactor	NT2	point lepreau-2 reactor	NT1	heysham-b reactor
NT2	perry-2 reactor	NT2	qinshan-3-1 reactor	NT1	hfbr reactor
NT2	philippsburg-1 reactor	NT2	qinshan-3-2 reactor	NT1	hfetr reactor
NT2	phipps bend-1 reactor	NT2	rajasthan-1 reactor	NT1	hfr reactor
NT2	phipps bend-2 reactor	NT2	rajasthan-2 reactor	NT1	hfr reactor
NT2	pilgrim-1 reactor	NT2	rajasthan-3 reactor	NT1	hifar reactor
NT2	quad cities-1 reactor	NT2	rajasthan-4 reactor	NT1	hinkley point-a reactor
NT2	quad cities-2 reactor	NT2	wolsung-1 reactor	NT1	hinkley point-b reactor
NT2	ringhals-1 reactor	NT2	wolsung-2 reactor	NT1	hitrex-1 reactor
NT2	river bend-1 reactor	NT2	wolsung-3 reactor	NT1	hnpf reactor
NT2	river bend-2 reactor	NT2	wolsung-4 reactor	NT1	hor reactor
NT2	rwe-bayernwerk reactor	NT1	carem 25 reactor	NT1	htr reactor
NT2	shika-1 reactor	NT1	cesar reactor	NT1	hunterston-a reactor
NT2	shika-2 reactor	NT1	cesnef reactor	NT1	hunterston-b reactor
NT2	shimane-1 reactor	NT1	chapelcross-1 reactor	NT1	hwctr reactor
NT2	shimane-2 reactor	NT1	chapelcross-2 reactor	NT1	hwzpr reactor
NT2	shimane-3 reactor	NT1	chapelcross-3 reactor	NT1	ian-r1 reactor
NT2	shoreham reactor	NT1	chapelcross-4 reactor	NT1	iear-1 reactor
NT2	skagit-1 reactor	NT1	chernobylsk-1 reactor	NT1	ignalina-1 reactor
NT2	skagit-2 reactor	NT1	chernobylsk-2 reactor	NT1	ignalina-2 reactor
NT2	sl-1 reactor	NT1	chernobylsk-3 reactor	NT1	igr reactor
NT2	susquehanna-1 reactor	NT1	chernobylsk-4 reactor	NT1	irl reactor
NT2	susquehanna-2 reactor	NT1	chinon-a1 reactor	NT1	irr-1 reactor
NT2	tarapur-1 reactor	NT1	chinon-a2 reactor	NT1	irt-1 libya reactor
NT2	tarapur-2 reactor	NT1	chinon-a3 reactor	NT1	irt-2000 djakarta reactor
NT2	tokai-2 reactor	NT1	cirene reactor	NT1	irt-2000 moscow reactor
NT2	tsuruga reactor	NT1	cirus reactor	NT1	irt-baghdad reactor
NT2	tullnerfeld reactor	NT1	consort-2 reactor	NT1	irt-c reactor
NT2	vak reactor	NT1	cp-2 reactor	NT1	irt-f reactor
NT2	vbwr reactor	NT1	cp-3 reactor	NT1	irt reactor
NT2	vermont yankee reactor	NT1	cp-3m reactor	NT1	irt-sofia reactor
NT2	verplanck-1 reactor	NT1	cp-5 reactor	NT1	isis reactor
NT2	verplanck-2 reactor	NT1	cvtr reactor	NT1	itu-trr reactor
NT2	vk-50 reactor	NT1	democritus reactor	NT1	ivv-2m reactor
NT2	wnp-2 reactor	NT1	dhruva reactor	NT1	janus reactor
NT2	wuergassen reactor	NT1	dido reactor	NT1	jatr reactor
NT2	zimmer-1 reactor	NT1	dimple reactor	NT1	jen-1 reactor
NT2	zimmer-2 reactor	NT1	dimtr reactor	NT1	jen reactor
NT1	byu l-77 reactor	NT1	dow triga-mk-1 reactor	NT1	jules horowitz reactor
NT1	cabri reactor	NT1	dr-1 reactor	NT1	juno reactor
NT1	calder hall a-1 reactor	NT1	dr-2 reactor	NT1	kaiga-3 reactor
NT1	calder hall a-2 reactor	NT1	dr-3 reactor	NT1	kaiga-4 reactor
NT1	calder hall b-3 reactor	NT1	dragon reactor	NT1	kamini reactor
NT1	calder hall b-4 reactor	NT1	dungeness-a reactor	NT1	knk reactor
NT1	candu type reactors	NT1	dungeness-b reactor	NT1	kuhfr reactor
NT2	bruce-1 reactor	NT1	ebor reactor	NT1	kursk-1 reactor
NT2	bruce-2 reactor	NT1	egcr reactor	NT1	kursk-2 reactor
NT2	bruce-3 reactor	NT1	el-1 reactor	NT1	kursk-3 reactor
NT2	bruce-4 reactor	NT1	el-2 reactor	NT1	kursk-4 reactor
NT2	bruce-5 reactor	NT1	el-4 reactor	NT1	latina reactor
NT2	bruce-6 reactor	NT1	eocr reactor	NT1	leningrad-1 reactor

NT1	leningrad-2 reactor	NT2	beaver valley-1 reactor	NT2	daya bay-1 reactor
NT1	leningrad-3 reactor	NT2	beaver valley-2 reactor	NT2	daya bay-2 reactor
NT1	leningrad-4 reactor	NT2	bellefonte-1 reactor	NT2	diablo canyon-1 reactor
NT1	lfr reactor	NT2	bellefonte-2 reactor	NT2	diablo canyon-2 reactor
NT1	lido reactor	NT2	belleville-1 reactor	NT2	doel-1 reactor
NT1	lit reactor	NT2	belleville-2 reactor	NT2	doel-2 reactor
NT1	lpr reactor	NT2	beznau-1 reactor	NT2	doel-3 reactor
NT1	lptr reactor	NT2	beznau-2 reactor	NT2	doel-4 reactor
NT1	lucens reactor	NT2	biblis-1 reactor	NT2	efdr-50 reactor
NT1	lvr-15 reactor	NT2	biblis-2 reactor	NT2	emsland reactor
NT1	lwbr type reactors	NT2	biblis-3 reactor	NT2	erie-1 reactor
NT1	maria reactor	NT2	biblis-4 reactor	NT2	erie-2 reactor
NT1	marius reactor	NT2	blayais-1 reactor	NT2	fangchenggang-1 reactor
NT1	melusine-1 reactor	NT2	blayais-2 reactor	NT2	fangchenggang-2 reactor
NT1	merlin reactor	NT2	blayais-3 reactor	NT2	fangjiashan-1 reactor
NT1	minerve reactor	NT2	blayais-4 reactor	NT2	fangjiashan-2 reactor
NT1	mir reactor	NT2	blue hills-1 reactor	NT2	farley-1 reactor
NT1	mitr reactor	NT2	blue hills-2 reactor	NT2	farley-2 reactor
NT1	mnsr type reactors	NT2	borssele reactor	NT2	fessenheim-1 reactor
NT2	entc mnsr reactor	NT2	br-3 reactor	NT2	fessenheim-2 reactor
NT2	gharr-1 reactor	NT2	braidwood-1 reactor	NT2	flamanville-1 reactor
NT2	mnsr-ciae reactor	NT2	braidwood-2 reactor	NT2	flamanville-2 reactor
NT2	mnsr-sd reactor	NT2	brokdorf reactor	NT2	flamanville-3 reactor
NT2	mnsr-sh reactor	NT2	bugey-2 reactor	NT2	forked river-1 reactor
NT2	mnsr-sz reactor	NT2	bugey-3 reactor	NT2	fuqing-1 reactor
NT2	nirr-1 reactor	NT2	bugey-4 reactor	NT2	fuqing-2 reactor
NT2	parr-2 reactor	NT2	bugey-5 reactor	NT2	fuqing-3 reactor
NT2	srr-1 reactor	NT2	bw standard reactor	NT2	fuqing-4 reactor
NT1	mrr reactor	NT2	byron-1 reactor	NT2	fuqing-5 reactor
NT1	msre reactor	NT2	byron-2 reactor	NT2	fuqing-6 reactor
NT1	mtr reactor	NT2	calhoun-1 reactor	NT2	genkai-1 reactor
NT1	mzfr reactor	NT2	calhoun-2 reactor	NT2	genkai-2 reactor
NT1	nbsr reactor	NT2	callaway-1 reactor	NT2	genkai-3 reactor
NT1	nccsr-1 reactor	NT2	callaway-2 reactor	NT2	genkai-4 reactor
NT1	nestor reactor	NT2	calvert cliffs-1 reactor	NT2	ginna-1 reactor
NT1	netr reactor	NT2	calvert cliffs-2 reactor	NT2	goesgen reactor
NT1	nevada university reactor	NT2	carem 25 reactor	NT2	golfech-1 reactor
NT1	nhr-5 reactor	NT2	catawba-1 reactor	NT2	golfech-2 reactor
NT1	niederaichbach reactor	NT2	catawba-2 reactor	NT2	grafenrheinfeld reactor
NT1	nora reactor	NT2	cattenom-1 reactor	NT2	gravelines-1 reactor
NT1	nrx reactor	NT2	cattenom-2 reactor	NT2	gravelines-2 reactor
NT1	ntr reactor	NT2	cattenom-3 reactor	NT2	gravelines-3 reactor
NT1	nur reactor	NT2	cattenom-4 reactor	NT2	gravelines-4 reactor
NT1	oldbury-a reactor	NT2	ce standard reactor	NT2	gravelines-5 reactor
NT1	oldbury-b reactor	NT2	changjiang-1 reactor	NT2	gravelines-6 reactor
NT1	opal reactor	NT2	changjiang-2 reactor	NT2	greene county reactor
NT1	osiris reactor	NT2	chasnupp-1 reactor	NT2	greenwood-2 reactor
NT1	owr reactor	NT2	chasnupp-2 reactor	NT2	greenwood-3 reactor
NT1	pctr reactor	NT2	chasnupp-3 reactor	NT2	grohnde reactor
NT1	peach bottom-1 reactor	NT2	cherokee-1 reactor	NT2	hamm-uentrop reactor
NT1	pegase reactor	NT2	cherokee-2 reactor	NT2	hanbit-1 reactor
NT1	pelinduna reactor	NT2	cherokee-3 reactor	NT2	hanbit-2 reactor
NT1	perryman-1 reactor	NT2	chinon-b1 reactor	NT2	hanbit-3 reactor
NT1	perryman-2 reactor	NT2	chinon-b2 reactor	NT2	hanbit-4 reactor
NT1	phebus reactor	NT2	chinon-b3 reactor	NT2	hanbit-5 reactor
NT1	pik physical model reactor	NT2	chinon-b4 reactor	NT2	hanbit-6 reactor
NT1	pik reactor	NT2	chooz-a reactor	NT2	harris-1 reactor
NT1	pluto reactor	NT2	chooz-b1 reactor	NT2	harris-2 reactor
NT1	pnpf reactor	NT2	chooz-b2 reactor	NT2	harris-3 reactor
NT1	prf reactor	NT2	civaux-1 reactor	NT2	harris-4 reactor
NT1	psbr reactor	NT2	civaux-2 reactor	NT2	haven-1 reactor
NT1	pse reactor	NT2	comanche peak-1 reactor	NT3	koshkonong-1 reactor
NT1	pur-1 reactor	NT2	comanche peak-2 reactor	NT2	haven-2 reactor
NT1	purnima-3 reactor	NT2	connecticut yankee reactor	NT3	koshkonong-2 reactor
NT1	pwr type reactors	NT2	cook-1 reactor	NT2	hongyanhe-1 reactor
NT2	aguirre reactor	NT2	cook-2 reactor	NT2	hongyanhe-2 reactor
NT2	almaraz-1 reactor	NT2	cruas-1 reactor	NT2	hongyanhe-3 reactor
NT2	almaraz-2 reactor	NT2	cruas-2 reactor	NT2	hongyanhe-4 reactor
NT2	angra-1 reactor	NT2	cruas-3 reactor	NT2	ikata-2 reactor
NT2	angra-2 reactor	NT2	cruas-4 reactor	NT2	ikata-3 reactor
NT2	angra-3 reactor	NT2	crystal river-3 reactor	NT2	ikata reactor
NT2	arkansas-1 reactor	NT2	crystal river-4 reactor	NT2	indian point-1 reactor
NT2	arkansas-2 reactor	NT2	dampierre-1 reactor	NT2	indian point-2 reactor
NT2	asco-1 reactor	NT2	dampierre-2 reactor	NT2	indian point-3 reactor
NT2	asco-2 reactor	NT2	dampierre-3 reactor	NT2	iran-1 reactor
NT2	atlantic-1 reactor	NT2	dampierre-4 reactor	NT2	iran-2 reactor
NT2	atlantic-2 reactor	NT2	davis besse-1 reactor	NT2	isar-2 reactor
NT2	basf-1 reactor	NT2	davis besse-2 reactor	NT2	jamesport-1 reactor
NT2	basf-2 reactor	NT2	davis besse-3 reactor	NT2	jamesport-2 reactor

NT2	kewaunee reactor	NT2	pat reactor	NT2	three mile island-2 reactor
NT2	klt-40 reactors	NT2	pebble springs-1 reactor	NT2	tihange-2 reactor
NT2	klt-40m reactors	NT2	pebble springs-2 reactor	NT2	tihange-3 reactor
NT2	klt-40s reactor	NT2	penly-1 reactor	NT2	tihange reactor
NT2	koeberg-1 reactor	NT2	penly-2 reactor	NT2	tomari-1 reactor
NT2	koeberg-2 reactor	NT2	penly-3 reactor	NT2	tomari-2 reactor
NT2	kori-1 reactor	NT2	perkins-1 reactor	NT2	tomari-3 reactor
NT2	kori-2 reactor	NT2	perkins-2 reactor	NT2	tricastin-1 reactor
NT2	kori-3 reactor	NT2	perkins-3 reactor	NT2	tricastin-2 reactor
NT2	kori-4 reactor	NT2	philippsburg-2 reactor	NT2	tricastin-3 reactor
NT2	krsko reactor	NT2	pilgrim-2 reactor	NT2	tricastin-4 reactor
NT2	lemoniz-1 reactor	NT2	pilgrim-3 reactor	NT2	trillo-1 reactor
NT2	lemoniz-2 reactor	NT2	pm-2a reactor	NT2	trojan reactor
NT2	lenin reactor	NT2	pm-3a reactor	NT2	tsuruga-2 reactor
NT2	leonid brezhnev reactor	NT2	pnpp-1 reactor	NT2	turkey point-3 reactor
NT2	lingao-1 reactor	NT2	point beach-1 reactor	NT2	turkey point-4 reactor
NT2	lingao-2 reactor	NT2	point beach-2 reactor	NT2	tva-1 reactor
NT2	lingao-3 reactor	NT2	prairie island-1 reactor	NT2	tva-2 reactor
NT2	lingao-4 reactor	NT2	prairie island-2 reactor	NT2	tyrone-1 reactor
NT2	loft reactor	NT2	qinshan-1 reactor	NT2	tyrone-2 reactor
NT2	lucie-1 reactor	NT2	qinshan-2-1 reactor	NT2	ulchin-1 reactor
NT2	lucie-2 reactor	NT2	qinshan-2-2 reactor	NT2	ulchin-2 reactor
NT2	maanshan-1 reactor	NT2	qinshan-2-3 reactor	NT2	ulchin-3 reactor
NT2	maanshan-2 reactor	NT2	qinshan-2-4 reactor	NT2	ulchin-4 reactor
NT2	maine yankee reactor	NT2	quanicassee-1 reactor	NT2	ulchin-5 reactor
NT2	malibu-1 reactor	NT2	quanicassee-2 reactor	NT2	ulchin-6 reactor
NT2	marble hill-1 reactor	NT2	rancho seco-1 reactor	NT2	unterweser reactor
NT2	marble hill-2 reactor	NT2	remerschen reactor	NT2	vahnum-1 reactor
NT2	mc guire-1 reactor	NT2	rheinsberg akw1 reactor	NT2	vahnum-2 reactor
NT2	mc guire-2 reactor	NT2	ringhals-2 reactor	NT2	vandellos-2 reactor
NT2	mh-1a reactor	NT2	ringhals-3 reactor	NT2	vogle-1 reactor
NT2	midland-1 reactor	NT2	ringhals-4 reactor	NT2	vogle-2 reactor
NT2	midland-2 reactor	NT2	robinson-2 reactor	NT2	vogle-3 reactor
NT2	mihama-1 reactor	NT2	rooppur reactor	NT2	vogle-4 reactor
NT2	mihama-2 reactor	NT2	rowe yankee reactor	NT2	waterford-3 reactor
NT2	mihama-3 reactor	NT2	s1c prototype reactor	NT2	waterford-4 reactor
NT2	millstone-2 reactor	NT2	saint alban-1 reactor	NT2	watts bar-1 reactor
NT2	millstone-3 reactor	NT2	saint alban-2 reactor	NT2	watts bar-2 reactor
NT2	muelheim-kaerlich reactor	NT2	saint laurent-b1 reactor	NT2	westinghouse standard reactor
NT2	mutsu reactor	NT2	saint laurent-b2 reactor	NT2	wnp-1 reactor
NT2	neckar-1 reactor	NT2	salem-1 reactor	NT2	wnp-3 reactor
NT2	neckar-2 reactor	NT2	salem-2 reactor	NT2	wnp-4 reactor
NT2	nep-1 reactor	NT2	san onofre-1 reactor	NT2	wnp-5 reactor
NT2	nep-2 reactor	NT2	san onofre-2 reactor	NT2	wolf creek-1 reactor
NT2	neupotz-1 reactor	NT2	san onofre-3 reactor	NT2	wup-3 reactor
NT2	neupotz-2 reactor	NT2	savannah reactor	NT2	wup-4 reactor
NT2	ningde-1 reactor	NT2	saxton reactor	NT2	wup-5 reactor
NT2	ningde-2 reactor	NT2	seabrook-1 reactor	NT2	wup-6 reactor
NT2	ningde-3 reactor	NT2	seabrook-2 reactor	NT2	wwer type reactors
NT2	ningde-4 reactor	NT2	selni reactor	NT3	armenian-1 reactor
NT2	nogent-1 reactor	NT2	sendai-1 reactor	NT3	armenian-2 reactor
NT2	nogent-2 reactor	NT2	sendai-2 reactor	NT3	balakovo-1 reactor
NT2	north anna-1 reactor	NT2	sequoyah-1 reactor	NT3	balakovo-2 reactor
NT2	north anna-2 reactor	NT2	sequoyah-2 reactor	NT3	balakovo-3 reactor
NT2	north anna-3 reactor	NT2	shin-kori-1 reactor	NT3	balakovo-4 reactor
NT2	north anna-4 reactor	NT2	shin-kori-2 reactor	NT3	blahutovice-1 reactor
NT2	north coast-1 reactor	NT2	shin-kori-3 reactor	NT3	bohunice v-1 reactor
NT2	obrigheim reactor	NT2	shin-wolsong-1 reactor	NT3	bohunice v-2 reactor
NT2	oconee-1 reactor	NT2	shippingport reactor	NT3	dukovany-1 reactor
NT2	oconee-2 reactor	NT2	sizewell-b reactor	NT3	dukovany-2 reactor
NT2	oconee-3 reactor	NT2	sm-1 reactor	NT3	dukovany-3 reactor
NT2	oi-1 reactor	NT2	sm-1a reactor	NT3	dukovany-4 reactor
NT2	oi-2 reactor	NT2	south texas project-1 reactor	NT3	greifswald-1 reactor
NT2	oi-3 reactor	NT2	south texas project-2 reactor	NT3	greifswald-2 reactor
NT2	oi-4 reactor	NT2	stade reactor	NT3	greifswald-3 reactor
NT2	ok-900a reactors	NT2	sterling-1 reactor	NT3	greifswald-4 reactor
NT2	oktemberyan-2 reactor	NT2	sterling-2 reactor	NT3	greifswald-5 reactor
NT2	olkiluoto-3 reactor	NT2	summer-1 reactor	NT3	greifswald-6 reactor
NT2	otto hahn reactor	NT2	sundesert-1 reactor	NT3	juragua-1 reactor
NT2	palisades-1 reactor	NT2	sundesert-2 reactor	NT3	kalinin-1 reactor
NT2	palo verde-1 reactor	NT2	surry-1 reactor	NT3	kalinin-2 reactor
NT2	palo verde-2 reactor	NT2	surry-2 reactor	NT3	kalinin-3 reactor
NT2	palo verde-3 reactor	NT2	surry-3 reactor	NT3	kalinin-4 reactor
NT2	palo verde-4 reactor	NT2	surry-4 reactor	NT3	kecerovce-1 reactor
NT2	palo verde-5 reactor	NT2	takahama-1 reactor	NT3	khmelnitskij-1 reactor
NT2	paluel-1 reactor	NT2	takahama-2 reactor	NT3	khmelnitskij-2 reactor
NT2	paluel-2 reactor	NT2	takahama-3 reactor	NT3	kola-1 reactor
NT2	paluel-3 reactor	NT2	takahama-4 reactor	NT3	kola-2 reactor
NT2	paluel-4 reactor	NT2	three mile island-1 reactor	NT3	kola-3 reactor

NT3 kola-4 reactor
 NT3 kozloduy-1 reactor
 NT3 kozloduy-2 reactor
 NT3 kozloduy-3 reactor
 NT3 kozloduy-4 reactor
 NT3 kozloduy-5 reactor
 NT3 kozloduy-6 reactor
 NT3 kudankulam-1 reactor
 NT3 kudankulam-2 reactor
 NT3 loviisa-1 reactor
 NT3 loviisa-2 reactor
 NT3 mochoyce-1 reactor
 NT3 mochoyce-2 reactor
 NT3 novovoronezh-1 reactor
 NT3 novovoronezh-2 reactor
 NT3 novovoronezh-3 reactor
 NT3 novovoronezh-4 reactor
 NT3 novovoronezh-5 reactor
 NT3 paks-1 reactor
 NT3 paks-2 reactor
 NT3 paks-3 reactor
 NT3 paks-4 reactor
 NT3 rostov-1 reactor
 NT3 rostov-2 reactor
 NT3 rostov-3 reactor
 NT3 rovno-1 reactor
 NT3 rovno-2 reactor
 NT3 rovno-3 reactor
 NT3 rovno-4 reactor
 NT3 rovno-5 reactor
 NT3 south ukrainian-1 reactor
 NT3 south ukrainian-2 reactor
 NT3 south ukrainian-3 reactor
 NT3 stendal-1 reactor
 NT3 tatarian reactor
 NT3 temelin-1 reactor
 NT3 temelin-2 reactor
 NT3 tianwan-1 reactor
 NT3 tianwan-2 reactor
 NT3 zaporozhe-1 reactor
 NT3 zaporozhe-2 reactor
 NT3 zaporozhe-3 reactor
 NT3 zaporozhe-4 reactor
 NT3 zaporozhe-5 reactor
 NT3 zaporozhe-6 reactor
 NT2 wyhl-1 reactor
 NT2 wyhl-2 reactor
 NT2 yangjiang-1 reactor
 NT2 yangjiang-2 reactor
 NT2 yangjiang-3 reactor
 NT2 yangjiang-4 reactor
 NT2 yellow creek-1 reactor
 NT2 yellow creek-2 reactor
 NT2 zion-1 reactor
 NT2 zion-2 reactor
 NT2 zorita-1 reactor
 NT1 r-1 reactor
 NT1 r-a reactor
 NT1 ra-10 reactor
 NT1 ra-5 reactor
 NT1 ra-6 reactor
 NT1 ra-8 reactor
 NT1 rajasthan-5 reactor
 NT1 rajasthan-6 reactor
 NT1 rb-1 reactor
 NT1 rb-2 reactor
 NT1 rg-1m reactor
 NT1 ritmo reactor
 NT1 rts-1 reactor
 NT1 safari-1 reactor
 NT1 saint laurent-a1 reactor
 NT1 saint laurent-a2 reactor
 NT1 saphir reactor
 NT1 scarabee reactor
 NT1 sghwr reactor
 NT1 shca reactor
 NT1 siloe reactor
 NT1 siloette reactor
 NT1 sizewell-a reactor

NT1 sm-2 reactor
 NT1 smolensk-1 reactor
 NT1 smolensk-2 reactor
 NT1 smolensk-3 reactor
 NT1 spert-1 reactor
 NT1 spert-2 reactor
 NT1 spert-3 reactor
 NT1 spert-4 reactor
 NT1 spr-2 reactor
 NT1 sr-1 reactor
 NT1 sr-305 reactor
 NT1 sr-3p reactor
 NT1 sre reactor
 NT1 srcc-utr-100 reactor
 NT1 stark reactor
 NT1 stek reactor
 NT1 stir reactor
 NT1 supo reactor
 NT1 sur-100 series reactor
 NT1 taiwan research reactor
 NT1 tarapur-3 reactor
 NT1 tarapur-4 reactor
 NT1 thermos reactor
 NT1 thetis reactor
 NT1 thtr-300 reactor
 NT1 tokai-mura reactor
 NT1 torness reactor
 NT1 toshiba reactor
 NT1 tr-1 reactor
 NT1 tr-2 reactor
 NT1 trawsfynydd reactor
 NT1 treat reactor
 NT1 trico ii reactor
 NT1 trico reactor
 NT1 triga-1-california reactor
 NT1 triga-1-hanover reactor
 NT1 triga-1-heidelberg reactor
 NT1 triga-1-michigan reactor
 NT1 triga-2-bandung reactor
 NT1 triga-2-bangladesh reactor
 NT1 triga-2-dalat reactor
 NT1 triga-2-illinois reactor
 NT1 triga-2-kansas reactor
 NT1 triga-2-ljubljana reactor
 NT1 triga-2-mainz reactor
 NT1 triga-2-musashi reactor
 NT1 triga-2-pavia reactor
 NT1 triga-2-pitesti reactor
 NT1 triga-2-pitesti-ss-core reactor
 NT1 triga-2 reactor
 NT1 triga-2-rikkyo reactor
 NT1 triga-2-rome reactor
 NT1 triga-2-seoul reactor
 NT1 triga-2-vienna reactor
 NT1 triga-3-munich reactor
 NT1 triga-3-salazar reactor
 NT1 triga-3-seoul reactor
 NT1 triga-brazil reactor
 NT1 triga-texas reactor
 NT1 triga-veterans reactor
 NT1 triton reactor
 NT1 trr-1 reactor
 NT1 tz1 reactor
 NT1 tz2 reactor
 NT1 ucbr reactor
 NT1 ufr reactor
 NT1 uhtrex reactor
 NT1 uknr reactor
 NT1 ulyse reactor
 NT1 umne-1 reactor
 NT1 umrr reactor
 NT1 urr reactor
 NT1 utr-10-kinki reactor
 NT1 utrr reactor
 NT1 uvar reactor
 NT1 uwnr reactor
 NT1 uwtr reactor
 NT1 vandello reactor
 NT1 venus reactor

NT1 vg-400 reactor
 NT1 vgr-50 reactor
 NT1 vhr reactor
 NT1 vidal-1 reactor
 NT1 vidal-2 reactor
 NT1 voronezh ast-500 reactor
 NT1 vpi-utr-10 reactor
 NT1 vr-1 reactor
 NT1 wagr reactor
 NT1 windscale production reactors
 NT1 wpir reactor
 NT1 wr-1 reactor
 NT1 wrrr reactor
 NT1 wsur reactor
 NT1 wtr reactor
 NT1 wwr-2 reactor
 NT1 wwr-k-almaty reactor
 NT1 wwr-m-kiev reactor
 NT1 wwr-m-leningrad reactor
 NT1 wwr-s-bucharest reactor
 NT1 wwr-s-budapest reactor
 NT1 wwr-s-cairo reactor
 NT1 wwr-s-moscow reactor
 NT1 wwr-s-prague reactor
 NT1 wwr-s-tashkent reactor
 NT1 wwr-sm rossendorf reactor
 NT1 wwr-z reactor
 NT1 wylfa reactor
 NT1 x-10 reactor
 NT1 zed-2 reactor
 NT1 zenith reactor
 NT1 zerlina reactor
 NT1 zlfr reactor
 NT1 zpr reactor
 RT lwgr type reactors

THERMAL RECOVERY

INIS: 1992-04-06; ETDE: 1981-05-18

BT1 enhanced recovery
 RT in-situ combustion
 RT steam injection

THERMAL SHIELDS

BT1 shields
 RT thermal insulation

THERMAL SHOCK

UF shock (thermal)
 RT heat treatments
 RT thermal cycling
 RT thermal stresses

THERMAL SPIKES

1996-07-23

UF spikes (thermal)
 UF thermal-nelson model
 RT crystal defects
 RT radiation effects

THERMAL SPRINGS

INIS: 2000-01-26; ETDE: 1976-01-23

Springs whose water temperature is appreciably higher than the local mean annual atmospheric temperature. A thermal spring may be a hot spring or a warm spring.

SF geothermal springs
 SF thermal waters
 BT1 water springs
 NT1 hot springs
 NT2 geysers
 NT1 warm springs
 RT geothermal energy
 RT geothermal fields
 RT hydrothermal systems
 RT mineral springs

thermal storage

INIS: 1979-01-18; ETDE: 1979-02-05

USE heat storage

THERMAL STRESSES

BT1 stresses
 RT thermal fractures
 RT thermal fracturing
 RT thermal shock
 RT thermoelasticity

thermal surveys

INIS: 2000-01-21; ETDE: 1980-02-11
 USE temperature surveys

THERMAL TESTING

*BT1 nondestructive testing
 NT1 frost tests
 RT thermography

THERMAL TRANSMISSION ICES

INIS: 2000-04-12; ETDE: 1978-10-23
High-quality thermal energy generated remotely and transmitted in thermal form to final cogeneration site.
 *BT1 ices program
 RT cogeneration
 RT district heating

THERMAL UTILIZATION

RT multiplication factors

thermal waters

2000-03-29
Waters, generally of a spring or geyser, whose temperature is appreciably above the local mean annual air temperature.
 (Prior to April 1994, this was a valid ETDE descriptor.)
 SEE geothermal fluids
 SEE geysers
 SEE hot springs
 SEE thermal springs

THERMALIZATION

Establishment of thermal equilibrium between neutrons and their surroundings.
 BT1 slowing-down

thermally active structural components

2005-12-19
Use a descriptor for the specific structural component, e.g. FLOORS, WALLS, and one or more of the descriptors below.
 SEE cooling systems
 SEE heating systems
 SEE space hvac systems

THERMIC DIODE SOLAR PANELS

INIS: 2000-04-12; ETDE: 1979-07-18
 *BT1 passive solar heating systems
 *BT1 passive solar water heaters
 RT heat storage
 RT solar collectors

thermionic cells

USE thermionic converters

THERMIONIC COLLECTORS

INIS: 1978-08-30; ETDE: 1976-01-07
 RT anodes
 RT thermionic converters
 RT thermionic diodes

THERMIONIC CONVERSION

*BT1 direct energy conversion
 RT thermionic converters
 RT thermionic diodes

THERMIONIC CONVERTERS

UF thermionic cells
 UF thermionic generators
 BT1 direct energy converters
 RT thermionic collectors
 RT thermionic conversion

RT thermionic diodes
 RT thermionic emitters
 RT thermionic fuel elements
 RT thermionic reactors
 RT topaz reactor

THERMIONIC DIODES

UF plasma diodes
 *BT1 diode tubes
 *BT1 thermionic tubes
 RT magnetic insulation
 RT semiconductor diodes
 RT thermionic collectors
 RT thermionic conversion
 RT thermionic converters
 RT thermionic emission
 RT thermionic emitters

THERMIONIC EMISSION

BT1 emission
 RT electron emission
 RT electron tubes
 RT thermionic diodes
 RT thermionic emitters

THERMIONIC EMITTERS

INIS: 1978-07-31; ETDE: 1976-01-07
 RT cathodes
 RT electron sources
 RT thermionic converters
 RT thermionic diodes
 RT thermionic emission

THERMIONIC FUEL ELEMENTS

*BT1 fuel elements
 RT thermionic converters
 RT thermionic reactors

thermionic generators

USE thermionic converters

thermionic reactor critical experiments

2000-04-12
 (Prior to February 1995, this was a valid ETDE descriptor.)
 USE thermionic reactors
 USE zero power reactors

thermionic reactor experiment (trex)

2000-04-12
 USE thermionic reactors

THERMIONIC REACTORS

Limited to reactors with in-core thermionic cells.

UF in-core thermionic reactor
 UF itr reactor
 UF thermionic reactor critical experiments
 UF thermionic reactor experiment (trex)
 UF trce(thermionic reactor critical experiments)
 *BT1 power reactors
 RT mobile reactors
 RT snap reactors
 RT thermionic converters
 RT thermionic fuel elements

THERMIONIC TUBES

BT1 electron tubes
 NT1 thermionic diodes
 RT microwave tubes

THERMIONICS

RT richardson equation
 RT schottky effect

THERMISTORS

BT1 semiconductor devices
 RT resistors

THERMITE PROCESS

*BT1 reduction
 RT welding

THERMOACTINOMYCES

INIS: 2000-04-12; ETDE: 1979-03-29
 *BT1 bacteria
 RT enzymatic hydrolysis

THERMOCHEMICAL DIAGRAMS

INIS: 1992-02-24; ETDE: 1982-02-23
 *BT1 diagrams
 RT corrosion
 RT phase studies
 RT temperature dependence

THERMOCHEMICAL HEAT STORAGE

INIS: 1993-06-04; ETDE: 1977-06-30
Storage of thermal energy in the heat of decomposition and recombination of reversible chemical reactions.
 UF chemical heat storage
 *BT1 heat storage
 RT chemical heat pumps
 RT dissociation heat
 RT formation heat
 RT reaction heat
 RT thermal energy storage equipment
 RT thermochemical processes

THERMOCHEMICAL PROCESSES

1999-02-01
 UF biotermohol process
 NT1 combustion
 NT2 cocombustion
 NT2 fluidized-bed combustion
 NT2 in-situ combustion
 NT2 oxyfuel combustion process
 NT2 pulse combustion
 NT2 reverse combustion
 NT2 spontaneous combustion
 NT2 staged combustion
 NT1 gasification
 NT2 biothermgas process
 NT2 coal gasification
 NT3 agglomerating ash process
 NT3 arc coal process
 NT3 babcock and wilcox-dupont process
 NT3 beacon process
 NT3 bgc-lurgi slagging process
 NT3 bi-gas process
 NT3 ce entrained fuel process
 NT3 coalcon process
 NT3 cogas process
 NT3 combined-cycle fw process
 NT3 consol synthetic gas process
 NT3 cs-r process
 NT3 dow gasification process
 NT3 Exxon gasification process
 NT3 flash hydrolysis process
 NT3 gegas process
 NT3 gkt process
 NT3 htw process
 NT3 humboldt gasification process
 NT3 hydrane process
 NT3 hygas process
 NT3 i g process
 NT3 kbw gasification process
 NT3 kellogg process
 NT3 kilngas process
 NT3 klockner-iron bath coal gasification process
 NT3 koppers process
 NT3 koppers-totzek process
 NT3 krw gasification process
 NT3 lurgi cfb gasification process
 NT3 lurgi process
 NT3 lurgi slagging process

NT3 molten iron puregas process
NT3 molten salt coal gasification process
NT3 moving-burden process
NT3 occidental flash pyrolysis process
NT3 otto rummel slag bath process
NT3 peatgas process
NT3 prenflo process
NT3 ruhr 100 gasification process
NT3 saarberg-otto gasification process
NT3 seacoke process
NT3 shell-koppers gasification process
NT3 synthane process
NT3 texaco gasification process
NT3 toscodyne process
NT3 toscoal process
NT3 u-gas process
NT3 wellman-galusha process
NT3 wellman-incandescent process
NT3 westinghouse gasification process
NT3 woodall-duckham process
NT2 fluidized bed refuse gasification
NT2 in-situ gasification
NT1 liquefaction
NT2 coal liquefaction
NT3 bcl process
NT3 bergius process
NT3 catalytic hydrosolvation process
NT3 cfc process
NT3 coed process
NT3 costeam process
NT3 dow liquefaction process
NT3 Exxon liquefaction process
NT3 flash hydropyrolysis process
NT3 h-coal process
NT3 liquid phase methanol process
NT3 occidental flash pyrolysis process
NT3 pamco process
NT3 pyrosol process
NT3 sasol-ii process
NT3 sasol process
NT3 src-ii process
NT3 synthoil process
NT3 synthol process
NT3 tsl process
NT2 in-situ liquefaction
NT1 partial oxidation processes
NT1 pyrolysis
NT2 calcination
NT2 cracking
NT3 catalytic cracking
NT3 hydrocracking
NT3 thermal cracking
NT2 flash hydropyrolysis process
RT hydrogen production
RT thermochemical heat storage

THERMOCHROMATOGRAPHY

INIS: 1977-01-26; ETDE: 1977-04-13

*BT1 chromatography

THERMOCLINE

2013-12-13

RT surface waters
RT temperature gradients

THERMOCOUPLES

UF thermopiles
BT1 measuring instruments
RT calorimetric dosimeters
RT fission thermocouple detectors
RT reactor control systems
RT temperature measurement
RT thermoelectric generators
RT thermoelectricity

thermodiffusion

INIS: 1984-12-04; ETDE: 2002-06-13

USE thermal diffusion

THERMODYNAMIC ACTIVITY

INIS: 1976-10-07; ETDE: 1976-11-01

Used instead of molar fractions in non-ideal solutions.

UF activity coefficient
UF chemical activity
RT chemical reactions
RT concentration ratio
RT equilibrium
RT phase studies
RT thermodynamics

THERMODYNAMIC CYCLES

1996-08-05

UF cycles (thermodynamic)
NT1 absorption refrigeration cycle
NT1 bottoming cycles
NT1 brayton cycle
NT1 carnot cycle
NT1 combined cycles
NT1 ericsson cycle
NT1 lift cycles
NT2 mist-lift cycles
NT1 otto cycle
NT1 rankine cycle
NT1 stirling cycle
NT1 vapor compression refrigeration cycle
NT1 vuilleumier cycle
RT binary-fluid systems
RT flashed steam systems
RT heat engines
RT thermodynamics
RT topping cycles
RT total flow systems

THERMODYNAMIC MODEL

***BT1** particle models
***BT1** statistical models
NT1 hydrodynamic model

THERMODYNAMIC MOLECULAR MODEL

*BT1 molecular models

THERMODYNAMIC PROPERTIES

UF heat transfer properties
UF thermal properties
SF mean radiant temperature
BT1 physical properties
NT1 critical pressure
NT1 enthalpy
NT2 absorption heat
NT2 adsorption heat
NT2 mixing heat
NT2 reaction heat
NT3 combustion heat
NT3 dissociation heat
NT3 formation heat
NT2 solution heat
NT2 transition heat
NT3 fusion heat
NT3 sublimation heat
NT3 vaporization heat

NT1 entropy
NT1 free energy
NT2 formation free energy
NT2 surface energy
NT1 free enthalpy
NT2 formation free enthalpy
NT2 oxygen potential
NT1 partial pressure
NT1 specific heat
NT2 electronic specific heat
NT2 magnetic specific heat
NT2 nuclear specific heat
NT1 stored energy
NT1 thermal conductivity
NT1 thermal diffusivity
NT1 transition temperature
NT2 boiling points

NT2 critical temperature

NT2 curie point

NT2 dew point

NT2 lambda point

NT2 melting points

NT2 neel temperature

NT1 vapor pressure

RT apparent molal volume

RT combustion properties

RT limiting values

RT partial molal volume

RT prandtl number

RT thermal equilibrium

RT thermal expansion

RT thermal radiation

RT thermodynamics

THERMODYNAMICS

(From September 1978 to March 1997 JOULE-THOMSON EFFECT was a valid ETDE descriptor.)

SF joule-thomson effect
RT adiabatic processes
RT brayton cycle
RT carnot cycle
RT coefficient of performance
RT degrees of freedom
RT energy
RT enthalpy
RT entropy
RT equations of state
RT ericsson cycle
RT exergy
RT heat sinks
RT heat transfer
RT irreversible processes
RT isentropic processes
RT isothermal processes
RT khalatnikov theory
RT lte
RT mollier diagrams
RT nernst heat theorem
RT onsager relations
RT partition functions
RT physical metallurgy
RT planck radiation formula
RT rankine cycle
RT saha equation
RT steam quality
RT stirling cycle
RT thermal efficiency
RT thermal hydraulics
RT thermodynamic activity
RT thermodynamic cycles
RT thermodynamic properties
RT virial equation
RT wigner distribution

THERMOELASTICITY

INIS: 1979-02-21; ETDE: 1977-04-12

Dependence of the stress distribution of an elastic solid on its thermal state, or of its thermal conductivity on the stress distribution.

***BT1** elasticity
RT bowing
RT stresses
RT temperature dependence
RT thermal conductivity
RT thermal expansion
RT thermal stresses

thermoelectric cells

USE thermoelectric generators

THERMOELECTRIC CONVERSION

***BT1** direct energy conversion
RT thermal batteries
RT thermoelectric generators
RT thermoelectric heaters
RT thermoelectric refrigerators

thermoelectric converters

USE thermoelectric generators

THERMOELECTRIC COOLERS

INIS: 1999-05-26; ETDE: 1976-11-17

(Until May 1999 this information was indexed by THERMOELECTRIC

REFRIGERATORS.)

RT thermoelectric refrigerators

THERMOELECTRIC GENERATORS

UF thermoelectric cells

UF thermoelectric converters

BT1 direct energy converters

RT radioisotope batteries

RT radioisotope heat sources

RT thermocouples

RT thermoelectric conversion

RT thermoelectric materials

RT thermoelectricity

thermoelectric heat pumps

INIS: 2000-04-12; ETDE: 1976-11-17

SEE thermoelectric heaters

SEE thermoelectric refrigerators

THERMOELECTRIC HEATERS

INIS: 2000-04-12; ETDE: 1976-11-17

SF thermoelectric heat pumps

BT1 direct energy converters

BT1 heaters

RT thermoelectric conversion

THERMOELECTRIC MATERIALS

1993-01-22

BT1 materials

RT semiconductor materials

RT thermoelectric generators

RT thermoelectricity

THERMOELECTRIC PROPERTIES

*BT1 electrical properties

THERMOELECTRIC REACTORS

INIS: 1995-01-10; ETDE: 1986-06-12

*BT1 power reactors

THERMOELECTRIC REFRIGERATORS

INIS: 1980-04-02; ETDE: 1976-11-17

SF thermoelectric heat pumps

BT1 direct energy converters

BT1 refrigerators

RT thermoelectric conversion

RT thermoelectric coolers

THERMOELECTRICITY

BT1 electricity

RT seebeck effect

RT thermocouples

RT thermoelectric generators

RT thermoelectric materials

THERMOGRAPHY

INIS: 1978-07-31; ETDE: 1978-09-11

Technique employing heat transfer transients.

BT1 measuring methods

NT1 infrared thermography

RT infrared radiation

RT remote sensing

RT temperature measurement

RT thermal testing

thermogravimetric analysis

INIS: 1975-11-11; ETDE: 2002-06-13

USE thermal gravimetric analysis

thermogravimetry

USE thermal gravimetric analysis

thermohydraulics

2003-10-21

USE thermal hydraulics

THERMOLUMINESCENCE

*BT1 luminescence

NT1 radiothermoluminescence

RT thermoluminescent dosimeters

THERMOLUMINESCENT**DOSEMETERS**

UF tld (dosemeters)

UF tld systems

*BT1 luminescent dosimeters

RT calcium fluorides

RT calcium sulfates

RT lithium fluorides

RT thermoluminescence

RT thermoluminescent dosimetry

THERMOLUMINESCENT**DOSIMETRY**

UF tld (dosimetry)

BT1 dosimetry

RT personnel dosimetry

RT thermoluminescent dosimeters

THERMOMAGNETIC CONVERSION

*BT1 direct energy conversion

THERMOMAGNETISM

BT1 magnetism

THERMOMECHANICAL**TREATMENTS**

INIS: 1992-04-13; ETDE: 1982-11-08

Combination of material-forming processes

with heat treatments in order to obtain

specific material properties.

BT1 heat treatments

*BT1 materials working

THERMOMETERS

BT1 measuring instruments

NT1 geothermometers

NT1 noise thermometers

RT bolometers

RT temperature measurement

THERMOMETRIC TITRATION

2000-04-12

*BT1 titration

THERMONUCLEAR DEVICES

1996-04-16

(From January 1975 till June 1991

HARMONICA DEVICES was a valid ETDE descriptor.)

UF harmonica devices

NT1 closed plasma devices

NT2 astron

NT2 blascon devices

NT2 compact torus

NT3 field-reversed theta pinch devices

NT3 rotamak devices

NT2 heliotron

NT2 internal ring devices

NT3 fm devices

NT3 levitron devices

NT3 lm devices

NT3 spherator

NT3 tokapole devices

NT3 tornado devices

NT2 lhd device

NT2 stellarators

NT3 cleo stellarator

NT3 heliac stellarators

NT4 h-1 heliac

NT4 hsx stellarator

NT4 sheila heliac

NT4 tj-ii heliac

NT3 heliotron-e stellarator

NT3 ims stellarator

NT3 jipp stellarator

NT3 jippt-2 device

NT3 l-2 stellarator

NT3 proto-cleo stellarators

NT3 sirius device

NT3 stellarator model c

NT3 torsatron stellarators

NT4 atf torsatron

NT4 chs torsatron

NT4 tj-ii torsatron

NT4 vint torsatron

NT3 uragan stellarator

NT3 wega stellarator

NT3 wendelstein-2b stellarator

NT3 wendelstein-7 stellarator

NT2 tokamak devices

NT3 act devices

NT3 aditya tokamak

NT3 alcator device

NT3 asdex tokamak

NT3 atc devices

NT3 castor tokamak

NT3 columbia high-beta tokamak

NT3 compact ignition tokamak

NT3 compass-d tokamak

NT3 continuous current tokamak

NT3 ct-6b tokamak

NT3 dante tokamak

NT3 dite tokamak

NT3 doublet-2 device

NT3 doublet-3 device

NT3 etf tokamak

NT3 ft tokamak

NT3 hl-1 tokamak

NT3 hl-1m tokamak

NT3 hl-2 tokamak

NT3 hl-2a tokamak

NT3 ht-2 tokamak

NT3 ht-6b tokamak

NT3 ht-6m tokamak

NT3 ht-7 tokamak

NT3 ht-7u tokamak

NT3 hybtok tokamaks

NT3 ignition spherical torus

NT3 intor tokamak

NT3 isttok tokamak

NT3 isx tokamak

NT3 iter tokamak

NT3 jet tokamak

NT3 jft-2 tokamak

NT3 jft-2a tokamak

NT3 jft-2m tokamak

NT3 jippt-2 device

NT3 jt-60 tokamak

NT3 jt-60u tokamak

NT3 jxfr tokamak

NT3 kt-2 tokamak

NT3 lt-3 tokamak

NT3 lt-4 tokamak

NT3 mt-1 tokamak

NT3 mtx tokamak

NT3 net tokamak

NT3 ormak devices

NT3 pbx devices

NT3 pdx devices

NT3 petula tokamak

NT3 phaedrus-t tokamak

NT3 plt devices

NT3 pulsator devices

NT3 rtp tokamak

NT3 sinp tokamak

NT3 spheromak devices

NT4 cdx-u spheromak

NT4 ctx spheromak

NT4 globus-m spheromak

NT4 mast tokamak

NT4 nstx device

NT4 sspcx device
 NT4 sunist spheromak
 NT4 ts-3 device
 NT3 st tokamak
 NT3 starfire tokamak
 NT3 start tokamak
 NT3 stor-m tokamak
 NT3 stx devices
 NT3 surmac tokamak
 NT3 t-10 tokamak
 NT3 t-14 tokamak
 NT3 t-15 tokamak
 NT3 t-7 tokamak
 NT3 tbr tokamak
 NT3 tca tokamak
 NT3 tcabr tokamak
 NT3 tcv tokamak
 NT3 text devices
 NT3 textor tokamak
 NT3 tfr tokamak
 NT3 tftt tokamak
 NT3 tiber-x tokamak
 NT3 tj-1 tokamak
 NT3 tnt-a tokamak
 NT3 tokapole devices
 NT3 tokoloshe tokamak
 NT3 tore supra tokamak
 NT3 tormac devices
 NT3 tortus tokamak
 NT3 torus-ii tokamak
 NT3 toasca tokamak
 NT3 tpx device
 NT3 triam-1 tokamak
 NT3 tuman devices
 NT3 two-component torus
 NT3 uwmak devices
 NT3 varennnes tokamak
 NT3 versator tokamak
 NT3 wt-3 tokamak
 NT2 toroidal pinch devices
 NT3 reversed-field pinch devices
 NT4 artemis device
 NT4 extrap-t2 device
 NT4 hbtX devices
 NT4 mst device
 NT4 rfx device
 NT4 tpe-1rm15 device
 NT4 tpe-rx device
 NT4 zt-40 devices
 NT4 zt-p devices
 NT3 tlp devices
 NT4 zeta devices
 NT3 toroidal screw pinch devices
 NT4 stp-3m device
 NT4 tpe-2 device
 NT3 toroidal theta pinch devices
 NT4 scyllac devices
 NT1 controlled thermonuclear fusion
 NT1 icf devices
 NT2 angara-5 device
 NT1 migma devices
 NT1 open plasma devices
 NT2 baseball devices
 NT2 gdt device
 NT2 linear pinch devices
 NT3 linear hard core pinch devices
 NT3 linear screw pinch devices
 NT3 linear theta pinch devices
 NT4 isar devices
 NT4 scylla devices
 NT3 linear z pinch devices
 NT2 magnetic mirrors
 NT3 2x devices
 NT3 alice
 NT3 beta ii devices
 NT3 bumpy tori
 NT4 elmo bumpy torus
 NT3 burnout devices
 NT3 circe devices

NT3 deca devices
 NT3 elmo devices
 NT4 elmo bumpy torus
 NT3 gdt device
 NT3 gol-3 device
 NT3 imp device
 NT3 mftf devices
 NT3 ogra
 NT3 phoenix devices
 NT3 pleiade device
 NT3 reversed-field mirrors
 NT3 tandem mirrors
 NT4 gamma 10 devices
 NT4 phaedrus mirror devices
 NT4 tara devices
 NT4 tmx devices
 NT2 plasma focus devices
 NT3 pf-1000 device
 NT3 pf-3 device
 NT2 q devices
 NT3 helios devices
 NT3 qp devices
 NT1 pinch devices
 NT2 field-reversed theta pinch devices
 NT2 linear pinch devices
 NT3 linear hard core pinch devices
 NT3 linear screw pinch devices
 NT3 linear theta pinch devices
 NT4 isar devices
 NT4 scylla devices
 NT3 linear z pinch devices
 NT2 toroidal pinch devices
 NT3 reversed-field pinch devices
 NT4 artemis device
 NT4 extrap-t2 device
 NT4 hbtX devices
 NT4 mst device
 NT4 rfx device
 NT4 tpe-1rm15 device
 NT4 tpe-rx device
 NT4 zt-40 devices
 NT4 zt-p devices
 NT3 tlp devices
 NT4 zeta devices
 NT3 toroidal screw pinch devices
 NT4 stp-3m device
 NT4 tpe-2 device
 NT3 toroidal theta pinch devices
 NT4 scyllac devices
 NT1 vintotron devices
 RT beam injection
 RT breeding blankets
 RT confinement time
 RT d-t operation
 RT discharge quenching
 RT lawson criterion
 RT limiters
 RT magnetic field configurations
 RT mass balance
 RT plasma heating
 RT plasma production
 RT rotational transform
 RT thermonuclear reactors
 RT tritium recovery

THERMONUCLEAR EXPLOSIONS

UF bravo event
 UF mike event
 UF schooner event
 *BT1 nuclear explosions
 RT castle project
 RT thermonuclear reactions

THERMONUCLEAR FUELS

1996-03-04
 UF fusion fuels
 UF reactor fuels (fusion)
 BT1 fuels
 RT d-t operation
 RT deuterium

RT electron beam targets
 RT fuel feeding systems
 RT fusion yield
 RT gas injection
 RT ion beam targets
 RT laser targets
 RT particle influx
 RT pellet injection
 RT recycling
 RT thermonuclear reactor fueling
 RT tritium
 RT tritium systems test assembly

THERMONUCLEAR IGNITION

UF ignition (thermonuclear)
 UF reactor start-up (thermonuclear ignition)
 RT compact ignition tokamak
 RT reactor start-up
 RT thermonuclear reactors
 RT tiber-x tokamak

thermonuclear implosions (laser)

INIS: 1993-11-10; ETDE: 2002-06-13
 USE laser implosions

THERMONUCLEAR POWER PLANTS

INIS: 1979-04-27; ETDE: 1978-08-08
 *BT1 thermal power plants
 RT nuclear power plants
 RT thermonuclear reactors

THERMONUCLEAR REACTIONS

1996-07-23
 Exoenergetic fusion reactions between light nuclei; are always accompanied by release of the excess binding energy.
 UF fusion (nuclear)
 UF fusion reactions (exoenergetic)
 UF fusion reactions (thermonuclear)
 SF fusion reactions
 SF sherwood project
 BT1 nuclear reactions
 *BT1 nucleosynthesis
 NT1 controlled thermonuclear fusion
 NT1 impact fusion
 NT1 muon-catalyzed fusion
 RT chain reactions
 RT cold fusion
 RT fusion yield
 RT heavy ion fusion reactions
 RT helium ash
 RT thermonuclear explosions

THERMONUCLEAR REACTOR COOLING SYSTEMS

1997-06-05
 UF cooling systems (fusion reactor)
 UF reactor cooling systems (fusion)
 *BT1 cooling systems
 RT heat transfer
 RT thermonuclear reactors

THERMONUCLEAR REACTOR FUELING

INIS: 1982-11-30; ETDE: 1989-02-13
 UF charging (fusion reactor)
 UF reactor fueling (fusion reactors)
 RT fuel feeding systems
 RT gas injection
 RT pellet injection
 RT thermonuclear fuels
 RT thermonuclear reactors
 RT tritium systems test assembly

THERMONUCLEAR REACTOR MATERIALS

1975-09-25

To be assigned in conjunction with the specific descriptor for the material used.

- UF fusion-reactor materials
- UF reactor materials (fusion reactors)
- BT1 materials
- RT fmit linac
- RT thermonuclear reactors

THERMONUCLEAR REACTOR WALLS

- UF walls (thermonuclear reactor)
- NT1 first wall
- RT flibe
- RT thermonuclear reactors

THERMONUCLEAR REACTORS

1995-02-15

For conceptual design studies; coordinate with descriptor for existing thermonuclear device if appropriate.

- UF fusion energy
- UF fusion reactors
- NT1 d-d reactors
- NT1 d-he reactors
- NT1 d-t reactors
 - NT2 pulsed d-t reactors
 - NT3 reference theta pinch reactor
- NT2 steady-state d-t reactors
- NT1 electron beam fusion reactors
- NT1 ion beam fusion reactors
- NT1 laser fusion reactors
 - NT2 cascade reactors
 - NT2 hylife converter
- NT1 linear pinch type reactors
- NT1 linus reactors
- NT1 magnetic mirror type reactors
 - NT2 mars reactor
 - NT2 minimars reactor
 - NT2 tmr reactors
- NT1 pulsed fusion reactors
 - NT2 pulsed d-t reactors
 - NT3 reference theta pinch reactor
- NT1 steady-state fusion reactors
 - NT2 steady-state d-t reactors
- NT1 stellarator type reactors
- NT1 tokamak type reactors
 - NT2 compact ignition tokamak
 - NT2 doublet reactors
 - NT2 iter tokamak
 - NT2 tentok reactors
 - NT2 tfcx reactors
 - NT2 tns reactors
- RT breakeven
- RT breeding pellets
- RT confinement time
- RT felix facility
- RT fuel injection systems
- RT fusion yield
- RT hybrid reactors
- RT hybrid systems
- RT mass balance
- RT power
- RT thermonuclear devices
- RT thermonuclear ignition
- RT thermonuclear power plants
- RT thermonuclear reactor cooling systems
- RT thermonuclear reactor fueling
- RT thermonuclear reactor materials
- RT thermonuclear reactor walls
- RT tritium recovery

thermonuclear weapons

- USE nuclear weapons

THERMOPHILIC CONDITIONS

INIS: 1992-03-10; ETDE: 1977-05-09

Temperature range centered at 70 degrees C favoring the growth of certain bacteria.

- RT anaerobic digestion
- RT fermentation
- RT mesophilic conditions

THERMOPHORESIS

INIS: 1986-09-26; ETDE: 1980-05-06

A process in which particles migrate in a gas under the influence of forces created by a temperature gradient.

- RT electrophoresis

THERMOPHOTOVOLTAIC CONVERSION

2000-04-12

- *BT1 direct energy conversion
- RT photovoltaic conversion
- RT thermophotovoltaic converters

THERMOPHOTOVOLTAIC CONVERTERS

1999-08-04

- BT1 direct energy converters
- RT photovoltaic cells
- RT thermophotovoltaic conversion

thermopiles

INIS: 2000-04-12; ETDE: 1979-05-09

- USE thermocouples

THERMOPLASTICS

- *BT1 plastics

THERMOREGULATION

INIS: 1999-04-07; ETDE: 1977-07-23

Mechanism by which mammals and birds attempt to balance heat gain and heat loss in order to maintain a constant body temperature when exposed to variations in temperature of the surroundings.

(Until April 1999 this concept was indexed by BODY TEMPERATURE and TEMPERATURE CONTROL.)

- RT body temperature
- RT metabolism
- RT physiology

THERMOS REACTOR

INIS: 1979-02-21; ETDE: 1979-03-28

- *BT1 process heat reactors
- *BT1 tank type reactors
- *BT1 thermal reactors

THERMOSPHERE

- BT1 earth atmosphere

THERMOSTATS

- *BT1 control equipment
- NT1 cryostats
- RT temperature control

THERMOSYPHON EFFECT

INIS: 1993-02-16; ETDE: 1977-07-23

The flow of fluid due to the density differential created by temperature gradients.

- *BT1 convection
- RT circulating systems
- RT passive solar water heaters
- RT self-pumping systems

THERMOSYPHONS

INIS: 1983-06-30; ETDE: 1979-04-11

Systems of natural circulation in a fluid caused by the difference between hot and cold portions.

- RT heat transfer
- RT natural convection

thermox process

1996-07-08

(Until June 1996 this was a valid descriptor.)

- USE reprocessing

thesauri

INIS: 1977-09-06; ETDE: 1977-11-28

- USE standardized terminology

theta-1640 resonances

INIS: 2000-04-12; ETDE: 1984-12-26

(Prior to February 1988 this was a valid ETDE descriptor.)

- USE f2-1720 mesons

theta-1690 resonances

INIS: 1987-12-21; ETDE: 2002-06-13

(Prior to December 1987 this was a valid descriptor.)

- USE f2-1720 mesons

THETA PINCH

- BT1 pinch effect
- RT linear theta pinch devices
- RT reference theta pinch reactor
- RT toroidal theta pinch devices

THETIS REACTOR

Univ. Gent, Institute for Nuclear Sciences, Pietersnieuwstraat, Belgium. Shut down in 2003, decommissioned.

- UF iisnr reactor
- *BT1 enriched uranium reactors
- *BT1 isotope production reactors
- *BT1 pool type reactors
- *BT1 research reactors
- *BT1 thermal reactors
- *BT1 training reactors

thf

INIS: 1980-09-12; ETDE: 1979-11-23

- USE tetrahydrofuran

THIADIAZOLES

Compounds that contain a five-membered heterocyclic ring containing one sulfur and two nitrogen atoms.

- *BT1 azoles
- *BT1 organic sulfur compounds

THIAMINE

- UF vitamin b-1
- *BT1 amines
- *BT1 hydroxy compounds
- *BT1 pyrimidines
- *BT1 thiazoles
- *BT1 vitamin b group

THIAZOLES

Compounds that contain a five-membered heterocyclic ring containing one sulfur and one nitrogen atom.

- UF thiazolidines
- *BT1 azoles
- *BT1 organic sulfur compounds
- NT1 benzothiazoles
- NT1 saccharin
- NT1 thiamine

thiazolidines

INIS: 1984-04-04; ETDE: 2002-06-13

- USE thiazoles

THICKNESS

2000-04-10

Index only if essential.

- BT1 dimensions
- RT distance
- RT half-thickness
- RT radiation length
- RT shielding
- RT size

THICKNESS GAGES

BT1 measuring instruments
RT radiometric gages

thielavia

INIS: 2000-04-12; ETDE: 1981-01-09
Thermophilic fungus capable of degrading cellulose to glucose.
(Prior to March 1997 this was a valid ETDE descriptor.)
USE eumycota

THIN FILM STORAGE DEVICES

BT1 memory devices

THIN FILMS

INIS: 1983-12-01; ETDE: 1982-11-08
Films a few molecules thick deposited on a substrate.
UF ebd films
UF energy beam deposition films
BT1 films
RT coatings
RT deposition
RT substrates

THIN-LAYER CHROMATOGRAPHY

*BT1 chromatography

thio compounds

USE organic sulfur compounds

thioalcohols

USE thiols

THIOBACILLUS FERROXIDANS

*BT1 bacillus
*BT1 sulfur-oxidizing bacteria
RT leaching
RT oxidation
RT uranium ores

THIOBACILLUS OXIDANS

*BT1 bacillus
*BT1 sulfur-oxidizing bacteria
RT desulfurization
RT leaching
RT ore processing
RT oxidation

thiocarbamides

USE thioureas

THIOCTIC ACID

UF lipoic acid (alpha)
*BT1 disulfides
*BT1 heterocyclic acids
*BT1 lipotropic factors

THIOCYANATES

1995-01-11
UF rhodanates
UF rhodanides
UF sulfocyanides
UF thiocyanides
*BT1 antithyroid drugs
*BT1 carbonic acid derivatives
*BT1 organic sulfur compounds
NT1 ammonium thiocyanates
RT isothiocyanates
RT thiocyanic acid

THIOCYANIC ACID

RT thiocyanates

thiocyanides

USE thiocyanates

thioethers

1995-11-22
USE organic sulfur compounds

thioglycolicaminonaphthalide

USE thionalide

THIOIC ACIDS

*BT1 organic acids
*BT1 organic sulfur compounds
RT cystaphos

THIOLS

UF mercaptans
UF sulfhydryl compounds
UF thioalcohols
*BT1 organic sulfur compounds
NT1 cysteamine
NT1 cysteine
NT1 dithiols
NT2 dimercaprol
NT2 unithiol
NT1 malathion
NT1 mercaptoethylguanidine
NT1 mercaptopurine
NT1 mpg
NT1 penicillamine
NT1 thionalide
NT1 thiouracil

THIONALIDE

UF thioglycolicaminonaphthalide
*BT1 amides
BT1 reagents
*BT1 thiols
RT glycolic acid

THIONAPHTHENES

UF benzothiophenes
*BT1 heterocyclic compounds
*BT1 organic sulfur compounds
RT polycyclic sulfur heterocycles

THIONATES

ETDE: 1976-11-17
*BT1 organic sulfur compounds

THIONINE

*BT1 amines
*BT1 heterocyclic compounds
*BT1 organic nitrogen compounds
*BT1 organic sulfur compounds
RT phenothiazines

THIONYL CHLORIDES

INIS: 2000-04-12; ETDE: 1985-06-04
*BT1 chlorides
*BT1 thionyl halides

THIONYL HALIDES

2012-07-25
*BT1 halides
*BT1 organic sulfur compounds
NT1 thionyl chlorides

thiopental

1996-10-23
(Until October 1996 this was a valid descriptor.)
USE barbiturates
USE organic sulfur compounds

THIOPHENE

*BT1 heterocyclic compounds
*BT1 organic sulfur compounds
RT polycyclic sulfur heterocycles
RT tta

thiophenes

INIS: 2000-04-12; ETDE: 1983-11-23
USE polycyclic sulfur heterocycles

THIOPHENOLS

*BT1 organic sulfur compounds

thiophosgene

INIS: 2000-04-12; ETDE: 1981-06-13
(Prior to April 1994, this was a valid ETDE descriptor.)
USE organic chlorine compounds
USE organic sulfur compounds

THIOPHOSPHORIC ACID ESTERS

*BT1 esters
NT1 cystaphos
NT1 gammaphos
NT1 parathion
RT organic phosphorus compounds
RT organic sulfur compounds

THIOSORBIC PROCESS

INIS: 2000-04-12; ETDE: 1977-08-24
Sulfur dioxide converts magnesium sulfite to bisulfite in the scrubber, which is regenerated to soluble magnesium sulfite and precipitated calcium sulfite.
*BT1 desulfurization
RT scrubbers
RT waste processing

THIOSULFATES

RT sulfates

THIOURACIL

*BT1 antimetabolites
*BT1 antithyroid drugs
*BT1 thiols
*BT1 uracils

THIOUREA

*BT1 antithyroid drugs
*BT1 thioureas

THIOUREAS

UF thiocarbamides
*BT1 carbonic acid derivatives
*BT1 organic sulfur compounds
NT1 beta-aminoethyl isothiourea
NT1 thiourea
RT amides

third-harmonic generation

INIS: 2000-04-12; ETDE: 1986-01-14
USE harmonic generation

third party liability convention, brussels

INIS: 1993-11-10; ETDE: 2002-06-13
USE bcstpc

third party liability convention, paris

INIS: 1993-11-10; ETDE: 2001-01-23
USE pcotpl

THIRD-PARTY USE

2004-09-17
BT1 uses
RT agreements
RT contracts
RT leasing

THIRD SOUND

RT sound waves
RT superfluidity

THIRRING MODEL

RT merons
RT quantum field theory

THIXOTROPY

INIS: 1992-07-21; ETDE: 1976-07-07
Property of certain gels which liquefy when subjected to vibratory forces.
RT gels
RT plasticity
RT rheology
RT stability

RT viscosity

THIYL RADICALS

For RS- radicals where R is organic component.

BT1 radicals

thomas-fermi-dirac model

USE thomas-fermi model

THOMAS-FERMI MODEL

1999-03-17

UF fermi-thomas model

UF thomas-fermi-dirac model

**BT1* atomic models

RT nuclear models

thomas jefferson national accelerator facility

INIS: 1999-09-23; *ETDE*: 1997-03-28

USE cebaf accelerator

thomason collectors

INIS: 2000-04-12; *ETDE*: 1978-09-11

USE trickle-type collectors

THOMSON SCATTERING

**BT1* inelastic scattering

THOR REACTOR

Hsin-Chu, Taiwan.

UF *topr reactor*

**BT1* enriched uranium reactors

**BT1* intermediate reactors

**BT1* isotope production reactors

**BT1* pool type reactors

**BT1* research reactors

**BT1* training reactors

thoracic duct

USE lymph vessels

thorax

USE chest

THOREX PROCESS

**BT1* reprocessing

RT solvent extraction

THORIANITE

**BT1* oxide minerals

**BT1* thorium minerals

**BT1* uranium minerals

RT black sands

RT thorium oxides

RT uranium oxides

THORIN

BT1 arsenic compounds

**BT1* diazo compounds

**BT1* naphthols

BT1 reagents

**BT1* sulfonic acids

THORITE

**BT1* silicate minerals

**BT1* thorium minerals

NT1 jiningite

RT black sands

RT thorium silicates

THORIUM

**BT1* actinides

NT1 thorium-alpha

NT1 thorium-beta

RT natural radioactivity

THORIUM 208

2008-01-25

**BT1* actinide nuclei

**BT1* even-even nuclei

**BT1* thorium isotopes

THORIUM 209

2008-01-25

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* milliseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 210

2008-01-25

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-even nuclei

**BT1* milliseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 211

2008-01-25

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* milliseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 212

INIS: 1979-09-18; *ETDE*: 1979-10-23

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-even nuclei

**BT1* milliseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 213

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* milliseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 214

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-even nuclei

**BT1* milliseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 215

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* seconds living radioisotopes

**BT1* thorium isotopes

THORIUM 216

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-even nuclei

**BT1* milliseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 217

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* microseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 218

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-even nuclei

**BT1* nanoseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 219

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* microseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 220

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-even nuclei

**BT1* microseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 221

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* milliseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 222

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* milliseconds living radioisotopes

**BT1* thorium isotopes

THORIUM 223

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* milliseconds living radioisotopes

**BT1* seconds living radioisotopes

**BT1* thorium isotopes

THORIUM 224

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-even nuclei

**BT1* seconds living radioisotopes

**BT1* thorium isotopes

THORIUM 225

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* electron capture radioisotopes

**BT1* even-odd nuclei

**BT1* minutes living radioisotopes

**BT1* thorium isotopes

THORIUM 226

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-even nuclei

**BT1* minutes living radioisotopes

**BT1* thorium isotopes

THORIUM 227

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* days living radioisotopes

**BT1* even-odd nuclei

**BT1* thorium isotopes

THORIUM 228

UF *radiothorium*

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-even nuclei

**BT1* thorium isotopes

**BT1* years living radioisotopes

THORIUM 228 TARGET

INIS: 1986-10-29; *ETDE*: 1984-09-21

BT1 targets

THORIUM 229

**BT1* actinide nuclei

**BT1* alpha decay radioisotopes

**BT1* even-odd nuclei

**BT1* thorium isotopes

**BT1* years living radioisotopes

THORIUM 229 TARGET

ETDE: 1976-07-09

BT1 targets

THORIUM 230

**BT1* actinide nuclei

*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 neon 24 decay radioisotopes
*BT1 spontaneous fission radioisotopes
*BT1 thorium isotopes
*BT1 years living radioisotopes

THORIUM 230 TARGET

ETDE: 1976-07-09

BT1 targets

THORIUM 231

UF uranium x 2

*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-odd nuclei
*BT1 thorium isotopes

THORIUM 231 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08

BT1 targets

THORIUM 232

*BT1 actinide nuclei
*BT1 alpha decay radioisotopes
*BT1 even-even nuclei
*BT1 spontaneous fission radioisotopes
*BT1 thorium isotopes
*BT1 years living radioisotopes
RT thorium cycle

THORIUM 232 REACTIONS

INIS: 1987-08-27; ETDE: 1987-10-26

*BT1 heavy ion reactions

THORIUM 232 TARGET

ETDE: 1976-07-09

BT1 targets

THORIUM 233

*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 minutes living radioisotopes
*BT1 thorium isotopes

THORIUM 233 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08

BT1 targets

THORIUM 234

UF uranium x 1

*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-even nuclei
*BT1 internal conversion radioisotopes
*BT1 thorium isotopes

THORIUM 234 TARGET

INIS: 1992-09-23; ETDE: 1984-09-21

BT1 targets

THORIUM 235

*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 minutes living radioisotopes
*BT1 thorium isotopes

THORIUM 236

*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 minutes living radioisotopes
*BT1 thorium isotopes

THORIUM 237

1994-04-11

*BT1 actinide nuclei
*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei

*BT1 minutes living radioisotopes
*BT1 thorium isotopes

THORIUM 238

INIS: 1980-12-01; ETDE: 1981-01-09

*BT1 actinide nuclei
*BT1 even-even nuclei
*BT1 thorium isotopes

THORIUM 238 TARGET

INIS: 1992-09-23; ETDE: 1980-06-22

BT1 targets

THORIUM 239 TARGET

ETDE: 1976-07-09

BT1 targets

thorium a

USE polonium 216

THORIUM ADDITIONS

Alloys containing not more than 1% Th are listed here.

*BT1 thorium alloys

THORIUM ALLOYS

Alloys containing more than 1% Th.

*BT1 actinide alloys
NT1 magnesium alloy-hk31a
NT1 thorium additions
NT1 thorium base alloys

THORIUM-ALPHA

*BT1 thorium

THORIUM ARSENIDES

INIS: 1980-12-02; ETDE: 1976-08-04

*BT1 arsenides
*BT1 thorium compounds

thorium b

USE lead 212

THORIUM BASE ALLOYS

*BT1 thorium alloys

THORIUM-BETA

*BT1 thorium

THORIUM BORIDES

*BT1 borides
*BT1 thorium compounds

THORIUM BROMIDES

*BT1 bromides
*BT1 thorium halides

thorium c

USE bismuth 212

thorium c/

USE polonium 212

thorium c//

USE thallium 208

THORIUM CARBIDES

*BT1 carbides
*BT1 thorium compounds

THORIUM CARBONATES

*BT1 carbonates
*BT1 thorium compounds

THORIUM CHLORIDES

*BT1 chlorides
*BT1 thorium halides

THORIUM COMPLEXES

*BT1 actinide complexes

THORIUM COMPOUNDS

1996-11-13

BT1 actinide compounds
NT1 thorium arsenides

NT1 thorium borides
NT1 thorium carbides
NT1 thorium carbonates
NT1 thorium halides
NT2 thorium bromides
NT2 thorium chlorides
NT2 thorium fluorides
NT2 thorium iodides
NT1 thorium hydrides
NT1 thorium hydroxides
NT1 thorium nitrates
NT1 thorium nitrides
NT1 thorium oxides
NT2 thorotrast
NT1 thorium perchlorates
NT1 thorium phosphates
NT1 thorium phosphides
NT1 thorium selenides
NT1 thorium silicates
NT1 thorium silicides
NT1 thorium sulfates
NT1 thorium sulfides
NT1 thorium tellurides
NT1 thorium tungstates

THORIUM CYCLE

INIS: 1978-02-23; ETDE: 1977-09-19

Use of thorium as the fertile material in reactor fuels.

BT1 fuel cycle
RT nuclear fuels
RT thorium 232

thorium d

USE lead 208

THORIUM DEPOSITS

INIS: 1986-05-26; ETDE: 1986-11-18

BT1 geologic deposits
RT thorium ores

THORIUM FLUORIDES

*BT1 fluorides
*BT1 thorium halides

THORIUM HALIDES

2012-07-25

*BT1 halides
*BT1 thorium compounds
NT1 thorium bromides
NT1 thorium chlorides
NT1 thorium fluorides
NT1 thorium iodides

thorium-hochtemperatur prototype reactor

1993-11-10

USE thtr-300 reactor

THORIUM HYDRIDES

*BT1 hydrides
*BT1 thorium compounds

THORIUM HYDROXIDES

*BT1 hydroxides
*BT1 thorium compounds

THORIUM IODIDES

*BT1 iodides
*BT1 thorium halides

THORIUM IONS

*BT1 ions

THORIUM ISOTOPES

1999-07-16

BT1 isotopes
NT1 thorium 208
NT1 thorium 209
NT1 thorium 210
NT1 thorium 211
NT1 thorium 212

NT1 thorium 213
NT1 thorium 214
NT1 thorium 215
NT1 thorium 216
NT1 thorium 217
NT1 thorium 218
NT1 thorium 219
NT1 thorium 220
NT1 thorium 221
NT1 thorium 222
NT1 thorium 223
NT1 thorium 224
NT1 thorium 225
NT1 thorium 226
NT1 thorium 227
NT1 thorium 228
NT1 thorium 229
NT1 thorium 230
NT1 thorium 231
NT1 thorium 232
NT1 thorium 233
NT1 thorium 234
NT1 thorium 235
NT1 thorium 236
NT1 thorium 237
NT1 thorium 238

THORIUM MINERALS

1996-11-13

UF aeschynite
UF cerianite
UF huttonite
UF steenstrupine
UF thorogummite
UF uranothorianite
UF yttrialite
***BT1** radioactive minerals
NT1 allanite
NT1 bastnaesite
NT1 brannerite
NT1 ekanite
NT1 freyalite
NT1 hydrothorite
NT1 lodochukite
NT1 lyndochite
NT1 mackintoshite
NT1 maitlandite
NT1 monazites
NT1 naegite
NT1 thorianite
NT1 thorite
NT2 jiningite
NT1 thucholite
NT1 uranothorite
RT thorium oxides
RT thorium phosphates
RT thorium silicates

THORIUM NITRATES

***BT1** nitrates
***BT1** thorium compounds

THORIUM NITRIDES

***BT1** nitrides
***BT1** thorium compounds

THORIUM ORES

BT1 ores
RT thorium deposits
RT thorium reserves

THORIUM OXIDES

1996-11-13

***BT1** oxides
***BT1** thorium compounds
NT1 thorotrast
RT bastnaesite
RT brannerite
RT lodochukite
RT lyndochite
RT naegite

RT oxide minerals
RT td-nickel
RT td-nickel chromium
RT thorianite
RT thorium minerals

THORIUM PERCHLORATES

1997-01-28

(From November 1996 to November 2007
 THORIUM COMPOUNDS +
 PERCHLORATES was used for this concept.)

***BT1** perchlorates
***BT1** thorium compounds

THORIUM PHOSPHATES

***BT1** phosphates
***BT1** thorium compounds
RT monazites
RT thorium minerals

THORIUM PHOSPHIDES

***BT1** phosphides
***BT1** thorium compounds

THORIUM REACTORS

BT1 reactors
NT1 avr reactor
NT1 borax-4 reactor
NT1 dragon reactor
NT1 err reactor
NT1 sre reactor
NT1 thtr-300 reactor
RT iea-zpr reactor
RT zenith reactor

THORIUM RESERVES

INIS: 1986-05-26; ETDE: 1976-04-19

***BT1** reserves
RT thorium ores

THORIUM SELENIDES

1975-10-23

***BT1** selenides
***BT1** thorium compounds

THORIUM SILICATES

1996-11-13

***BT1** silicates
***BT1** thorium compounds
RT allanite
RT ekanite
RT freyalite
RT hydrothorite
RT mackintoshite
RT maitlandite
RT silicate minerals
RT thorite
RT thorium minerals
RT uranothorite

THORIUM SILICIDES

INIS: 1977-07-05; ETDE: 1976-03-11

***BT1** silicides
***BT1** thorium compounds

THORIUM SULFATES

***BT1** sulfates
***BT1** thorium compounds

THORIUM SULFIDES

***BT1** sulfides
***BT1** thorium compounds

THORIUM TELLURIDES

INIS: 1976-02-24; ETDE: 1976-04-19

***BT1** tellurides
***BT1** thorium compounds

THORIUM TUNGSTATES

1997-01-28

(From October 1996 to February 2008
 THORIUM COMPOUNDS + TUNGSTATES
 was used for this concept.)
***BT1** thorium compounds
***BT1** tungstates

thorium x

USE radium 224

thorogummite

1997-01-28

(Until October 1996 this was a valid
 descriptor.)
 USE silicate minerals
 USE thorium minerals

thoron

USE radon 220

THOROTRAST

BT1 contrast media
***BT1** radiocolloids
***BT1** thorium oxides

thr reactor

INIS: 1991-09-17; ETDE: 1991-11-22
 Test Heating Reactor, Tsinghua University,
 Beijing, China.
 (Prior to January 2003 this was a valid
 descriptor.)
 USE nhr-5 reactor

THREADED JOINTS

INIS: 1988-11-16; ETDE: 1982-10-05
BT1 joints

threatened species

2013-11-13

USE endangered species

THREE-BODY PROBLEM

BT1 many-body problem
RT efimov effect
RT faddeev equations

THREE-DIMENSIONAL CALCULATIONS

UF 3-dimensional calculations
UF calculations (3-dimensional)
RT adjoint difference method
RT general circulation models
RT many-dimensional calculations
RT mathematics

THREE-DIMENSIONAL LATTICES

2015-06-22

***BT1** crystal lattices
NT1 cubic lattices
NT2 bcc lattices
NT2 fcc lattices
NT1 hexagonal lattices
NT2 hcp lattices
NT1 monoclinic lattices
NT1 orthorhombic lattices
NT1 pentagonal lattices
NT1 tetragonal lattices
NT1 triclinic lattices
NT1 trigonal lattices

THREE MILE ISLAND-1 REACTOR

AmerGen Energy Co., LLC, Middletown,
 Pennsylvania, USA.
***BT1** pwr type reactors

THREE MILE ISLAND-2 REACTOR

GPU Nuclear Corp., Middletown,
 Pennsylvania, USA. Permanently shut down in
 1979 due to accident.
***BT1** pwr type reactors

THREE-NUCLEON TRANSFER REACTIONS

*BT1 multi-nucleon transfer reactions

THREONINE

*BT1 amino acids
*BT1 hydroxy acids

THRESHOLD CURRENT

INIS: 1999-03-08; ETDE: 1981-10-24

The minimum current necessary to initiate the desired response.

*BT1 electric currents
RT current limiters

THRESHOLD DETECTORS

*BT1 neutron detectors
RT activation detectors
RT fission chambers
RT fission foil detectors

THRESHOLD DOSE

*BT1 radiation doses

THRESHOLD ENERGY

BT1 energy
RT interactions
RT nuclear reactions
RT scattering

THRESHOLD RIGIDITY

UF *geomagnetic cut-off rigidity*
RT cosmic radiation
RT geomagnetic field

throat

USE pharynx

THROMBIN

Code number 3.4.21.5.

*BT1 blood coagulation factors
*BT1 serine proteinases
RT thrombosis

thrombocytes

USE blood platelets

THROMBOPLASTIN

*BT1 blood coagulation factors

THROMBOPOIESIS

BT1 blood formation
RT blood platelets

THROMBOSIS

*BT1 cardiovascular diseases
*BT1 vascular diseases
RT blood coagulation
RT blood vessels
RT fibrinolysin
RT streptococcal proteinase
RT thrombin

THROUGHFALL

INIS: 1992-08-17; ETDE: 1984-12-10

Rain water that passes through a vegetative canopy and reaches the soil.

*BT1 rain water
RT acid rain
RT atmospheric precipitations
RT canopies
RT evaporation
RT forests
RT interception
RT plants
RT runoff

THRUSTERS

1996-07-16

NT1 ion thrusters
RT missiles
RT positioning
RT propulsion

RT propulsion systems
RT ships
RT space vehicles

THTR-300 REACTOR

1995-05-02

Uentrop, Hamm, North Rhine-Westphalia, Federal Republic of Germany.

UF *schmehausen reactor*
UF *schmehausen thtr reactor*
UF *thorium-hochtemperatur prototype reactor*
*BT1 enriched uranium reactors
*BT1 helium cooled reactors
*BT1 htgr type reactors
*BT1 pebble bed reactors
*BT1 power reactors
*BT1 thermal reactors
*BT1 thorium reactors

THUCHOLITE

1996-06-26

*BT1 bitumens
*BT1 thorium minerals
*BT1 uranium minerals
RT rare earths
RT uraninites

THULIUM

*BT1 rare earths

THULIUM 144

2005-11-22

*BT1 microseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 proton decay radioisotopes
*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 145

INIS: 2003-01-03; ETDE: 2002-12-26

*BT1 microseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 proton decay radioisotopes
*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 146

INIS: 2003-01-03; ETDE: 2002-12-26

*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 proton decay radioisotopes
*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 147

1982-06-09

*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 proton decay radioisotopes
*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 148

1982-06-09

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 149

INIS: 1985-04-22; ETDE: 1985-05-07

*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 150

1981-09-17

*BT1 isomeric transition isotopes
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei

*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 151

INIS: 1982-08-27; ETDE: 1976-11-17

*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes
*BT1 thulium isotopes

THULIUM 152

INIS: 1980-12-01; ETDE: 1980-09-05

*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes
*BT1 thulium isotopes

THULIUM 153

*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes
*BT1 thulium isotopes

THULIUM 154

INIS: 1977-02-08; ETDE: 1977-04-13

*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes
*BT1 thulium isotopes

THULIUM 155

1976-01-28

*BT1 alpha decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes
*BT1 thulium isotopes

THULIUM 156

1976-03-02

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 seconds living radioisotopes
*BT1 thulium isotopes

THULIUM 157

1977-01-25

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 158

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 159

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 internal conversion radioisotopes
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 rare earth nuclei
*BT1 thulium isotopes

THULIUM 160

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 161

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 162

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 thulium isotopes

THULIUM 163

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 164

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 165

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 166

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 167

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 168

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 169

- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes
- *BT1 thulium isotopes

THULIUM 169 TARGET

ETDE: 1976-07-09

- BT1 targets

THULIUM 170

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 171

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes
- *BT1 years living radioisotopes

THULIUM 171 TARGET

INIS: 1992-09-23; ETDE: 1982-01-21

- BT1 targets

THULIUM 172

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 173

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 174

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 175

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 176

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 177

INIS: 1984-06-21; ETDE: 1984-07-10

- *BT1 beta-minus decay radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 thulium isotopes

THULIUM 178

2008-01-25

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-odd nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 thulium isotopes

THULIUM 179

2008-01-25

- *BT1 beta-minus decay radioisotopes
- *BT1 odd-even nuclei
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 thulium isotopes

THULIUM ADDITIONS

Alloys containing not more than 1% Tm are listed here.

- *BT1 rare earth additions
- *BT1 thulium alloys

THULIUM ALLOYS

Alloys containing more than 1% Tm.

- *BT1 rare earth alloys
- NT1 thulium additions
- NT1 thulium base alloys

THULIUM ARSENIDES

INIS: 1996-07-15; ETDE: 1975-10-28

(From June 1996 to February 2008

THULIUM COMPOUNDS + ARSENIDES was used for this concept.)

- *BT1 arsenides
- *BT1 thulium compounds

THULIUM BASE ALLOYS

- *BT1 thulium alloys

THULIUM BORIDES

- *BT1 borides
- *BT1 thulium compounds

THULIUM BROMIDES

- *BT1 bromides
- *BT1 thulium halides

THULIUM CARBIDES

- *BT1 carbides
- *BT1 thulium compounds

THULIUM CHLORIDES

- *BT1 chlorides
- *BT1 thulium halides

THULIUM COMPLEXES

- *BT1 rare earth complexes

THULIUM COMPOUNDS

1997-06-19

- BT1 rare earth compounds
- NT1 thulium arsenides
- NT1 thulium borides
- NT1 thulium carbides
- NT1 thulium halides
- NT2 thulium bromides
- NT2 thulium chlorides
- NT2 thulium fluorides
- NT2 thulium iodides
- NT1 thulium hydrides
- NT1 thulium hydroxides
- NT1 thulium nitrates
- NT1 thulium nitrides
- NT1 thulium oxides
- NT1 thulium perchlorates
- NT1 thulium phosphates
- NT1 thulium phosphides
- NT1 thulium selenides
- NT1 thulium silicates
- NT1 thulium silicides
- NT1 thulium sulfates
- NT1 thulium sulfides
- NT1 thulium tellurides

THULIUM FLUORIDES

- *BT1 fluorides
- *BT1 thulium halides

THULIUM HALIDES

2012-07-25

- *BT1 halides
- *BT1 thulium compounds
- NT1 thulium bromides
- NT1 thulium chlorides
- NT1 thulium fluorides
- NT1 thulium iodides

THULIUM HYDRIDES

- *BT1 hydrides

*BT1 thulium compounds

THULIUM HYDROXIDES

2000-04-12

*BT1 hydroxides

*BT1 thulium compounds

THULIUM IODIDES

*BT1 iodides

*BT1 thulium halides

THULIUM IONS

*BT1 ions

THULIUM ISOTOPES

BT1 isotopes

NT1 thulium 144

NT1 thulium 145

NT1 thulium 146

NT1 thulium 147

NT1 thulium 148

NT1 thulium 149

NT1 thulium 150

NT1 thulium 151

NT1 thulium 152

NT1 thulium 153

NT1 thulium 154

NT1 thulium 155

NT1 thulium 156

NT1 thulium 157

NT1 thulium 158

NT1 thulium 159

NT1 thulium 160

NT1 thulium 161

NT1 thulium 162

NT1 thulium 163

NT1 thulium 164

NT1 thulium 165

NT1 thulium 166

NT1 thulium 167

NT1 thulium 168

NT1 thulium 169

NT1 thulium 170

NT1 thulium 171

NT1 thulium 172

NT1 thulium 173

NT1 thulium 174

NT1 thulium 175

NT1 thulium 176

NT1 thulium 177

NT1 thulium 178

NT1 thulium 179

THULIUM NITRATES

*BT1 nitrates

*BT1 thulium compounds

THULIUM NITRIDES

*BT1 nitrides

*BT1 thulium compounds

THULIUM OXIDES

*BT1 oxides

*BT1 thulium compounds

THULIUM PERCHLORATES

INIS: 2000-04-12; ETDE: 1975-10-28

*BT1 perchlorates

*BT1 thulium compounds

THULIUM PHOSPHATES

INIS: 1975-10-23; ETDE: 1975-12-16

*BT1 phosphates

*BT1 thulium compounds

THULIUM PHOSPHIDES

INIS: 1996-07-23; ETDE: 1975-11-28

(From July 1996 to November 2007

THULIUM COMPOUNDS + PHOSPHIDES was used for this concept.)

*BT1 phosphides

*BT1 thulium compounds

THULIUM SELENIDES

*BT1 selenides

*BT1 thulium compounds

THULIUM SILICATES

INIS: 2000-04-12; ETDE: 1977-11-09

*BT1 silicates

*BT1 thulium compounds

THULIUM SILICIDES

INIS: 1978-07-31; ETDE: 1976-01-23

*BT1 silicides

*BT1 thulium compounds

THULIUM SULFATES

*BT1 sulfates

*BT1 thulium compounds

THULIUM SULFIDES

*BT1 sulfides

*BT1 thulium compounds

THULIUM TELLURIDES

*BT1 tellurides

*BT1 thulium compounds

THUNDERBIRD PROJECT

INIS: 1983-09-05; ETDE: 1975-11-26

In-situ gasification of coal following nuclear fragmentation of rock seams.

UF *project thunderbird*

RT coal gasification

RT nuclear explosions

RT underground explosions

THYLAKOID MEMBRANE

PROTEINS

INIS: 1993-08-05; ETDE: 1987-07-31

*BT1 membrane proteins

NT1 phycobiliproteins

NT2 phycocyanin

RT photosynthesis

RT photosynthetic membranes

thylox process

2000-04-12

Wet scrubbing process for the removal of hydrogen sulfide using ammonium thioarsenate.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

thyme camphor

USE thymol

THYMECTOMY

*BT1 surgery

RT immunity

RT thymus

thymic acid

USE thymol

THYMIDINE

*BT1 nucleosides

*BT1 pyrimidines

NT1 fluorothymidine

RT thymine

THYMIDYLIC ACID

*BT1 nucleotides

RT thymine

THYMINE

1996-07-08

UF *5-methyl uracil*

UF *5-methyluracil*

*BT1 uracils

RT thymidine

RT thymidylic acid

THYMOCYTES

*BT1 somatic cells

RT thymus

THYMOL

UF *hydroxy-para-cymene*

UF *isopropyl cresol*

UF *thyme camphor*

UF *thymic acid*

*BT1 phenols

RT cymene

thymonucleic acid

1996-07-15

(Until June 1996 this was a valid descriptor.)

USE nucleic acids

THYMUS

BT1 lymphatic system

*BT1 organs

RT calcitonin

RT chest

RT immune system diseases

RT lymphocytes

RT mediastinum

RT thymectomy

RT thymocytes

RT thymus cells

THYMUS CELLS

*BT1 somatic cells

RT thymus

THYRATRONS

*BT1 gas discharge tubes

RT rectifier tubes

RT switching circuits

THYRISTORS

BT1 semiconductor devices

RT rectifiers

RT switching circuits

THYROCALCITONIN

*BT1 thyroid hormones

RT calcium

THYROGLOBULIN

*BT1 globulins

RT iodine

RT thyroid

RT thyroid hormones

RT thyroxine

THYROID

*BT1 endocrine glands

RT antithyroid drugs

RT blood-plasma clearance

RT calcitonin

RT goiter

RT iodine

RT neck

RT parathyroid glands

RT thyroglobulin

RT thyroid cells

RT thyroid hormones

RT thyroidectomy

RT thyroiditis

thyroid antagonists

USE antithyroid drugs

THYROID CELLS

INIS: 1981-07-08; ETDE: 1980-10-27

*BT1 somatic cells

RT thyroid

THYROID HORMONES

*BT1 peptide hormones

NT1 diiodothyronine

NT1 thyrocalcitonin

NT1 thyroxine

NT1 triiodothyronine
RT hyperthyroidism
RT hypothyroidism
RT iodine
RT metabolism
RT pbi
RT thyroglobulin
RT thyroid
RT thyronine
RT tsh

thyroid stimulating hormone

USE tsh

THYROIDECTOMY

***BT1** surgery
RT thyroid

THYROIDITIS

***BT1** endocrine diseases
RT thyroid

THYRONINE

UF desiodothyroxine
***BT1** amino acids
***BT1** hydroxy acids
***BT1** peptide hormones
RT diiodothyronine
RT ethers
RT thyroid hormones
RT thyroxine
RT triiodothyronine

thyrotoxicosis

USE hyperthyroidism

thyrotropin-releasing hormone

USE trh

THYROXINE

UF t4 hormone
***BT1** amino acids
***BT1** organic iodine compounds
***BT1** thyroid hormones
RT ethers
RT thyroglobulin
RT thyronine

thyssen-galocsy process

2000-04-12

(Prior to July 1993, this was a valid ETDE descriptor.)

SEE coal gasification

THZ RANGE

2003-03-21

UF terahertz frequency range
BT1 frequency range
NT1 thz range 01-100
NT1 thz range 100-1000

THZ RANGE 01-100

2003-03-21

***BT1** thz range

THZ RANGE 100-1000

2003-03-21

***BT1** thz range

TIANWAN-1 REACTOR

INIS: 2001-03-15; **ETDE:** 2001-02-05

Tianwan, Jiangsu, China.

***BT1** wwer type reactors

TIANWAN-2 REACTOR

2014-07-11

Tianwan, Jiangsu, China

***BT1** wwer type reactors

TIBER-X TOKAMAK

INIS: 1987-09-23; **ETDE:** 1987-04-08
 Compact, 3-m radius, steady-state tokamak with ECH/1H current drive and profile control.

***BT1** tokamak devices
RT thermonuclear ignition

TIBET

2000-04-12

***BT1** china

TIBIA

***BT1** skeleton
RT legs

TIBR REACTOR

INIS: 1986-12-09; **ETDE:** 1987-03-09

***BT1** enriched uranium reactors
***BT1** fast reactors
***BT1** pulsed reactors
***BT1** research reactors
***BT1** transportable reactors

TICKS

***BT1** arachnids

tid

USE travelling ionospheric disturbance

TIDAL POWER

1982-10-29

***BT1** renewable energy sources
RT tidal power plants
RT tide
RT water current power generators

TIDAL POWER PLANTS

1997-06-19

BT1 power plants
NT1 kislogubsk power plant
NT1 passamaquoddy power plant
NT1 rance power plant
RT tidal power

tidal waves

USE tsunamis

TIDE

1985-07-19

(Prior to August 1985 TIDES was a valid INIS descriptor.)

RT seas
RT tidal power
RT water currents
RT water waves

tight sands

INIS: 2000-04-12; **ETDE:** 1980-12-08

USE permeability
USE sandstones

tiglium oil

1996-10-22

(Prior to March 1997 CROTON OIL was used for this concept in ETDE.)

USE triglycerides
USE vegetable oils

TIGRIS RIVER

INIS: 1988-05-13; **ETDE:** 1988-06-24

***BT1** rivers
RT iraq
RT turkey

tihange-1 reactor

INIS: 1982-04-14; **ETDE:** 1982-05-07

USE tihange reactor

TIHANGE-2 REACTOR

INIS: 1982-04-14; **ETDE:** 1982-05-07

***BT1** pwr type reactors

TIHANGE-3 REACTOR

INIS: 1982-04-14; **ETDE:** 1982-05-07

***BT1** pwr type reactors

TIHANGE REACTOR

Tihange, Liege, Belgium.

UF tihange-1 reactor
***BT1** pwr type reactors

tikonol

INIS: 1997-01-28; **ETDE:** 1975-12-16

(Until October 1996 this was a valid descriptor.)

USE iron base alloys

til oil

USE sesame oil

tillage

2013-11-27

USE cultivation techniques

TILT MECHANISMS

INIS: 2000-04-12; **ETDE:** 1981-07-18

RT inclination
RT orientation
RT solar tracking
RT wind turbines

tilt meters

2017-03-23

USE inclinometers

tilting (neutron flux)

USE neutron flux tilting

TILTING INSTABILITY

INIS: 1984-02-22; **ETDE:** 1984-03-06

***BT1** plasma macroinstabilities

TIME DELAY

INIS: 1992-01-31; **ETDE:** 1983-03-23

UF timeliness
RT administrative procedures
RT contracts
RT legal aspects
RT management
RT procurement
RT schedules
RT time measurement

TIME DEPENDENCE

RT blood-plasma clearance
RT confinement time
RT delayed radiation effects
RT differential pac
RT dose rates
RT early radiation effects
RT evolution equations
RT flow rate
RT heating rate
RT incubation
RT instability growth rates
RT mortality
RT quarantine
RT radiation dose rate ranges
RT relaxation time
RT retention functions
RT survival time
RT temporal dose distributions

TIME INTERVAL ANALYZERS

BT1 measuring instruments
NT1 chronotrons
RT atomic clocks
RT time measurement

TIME LIMITATIONS

INIS: 1976-12-08; **ETDE:** 1994-08-10

For time limitations on liability for damages.

RT liabilities
RT liability limitations

RT nuclear liability

TIME MEASUREMENT

(From February 1976 till March 1997

PENDULUMS was a valid ETDE descriptor.)

SF pendulums
RT atomic clocks
RT calendars
RT coincidence circuits
RT dead time
RT measuring instruments
RT pulse rise time
RT time delay
RT time interval analyzers
RT timing circuits
RT timing properties

time-of-day pricing

INIS: 2000-04-12; ETDE: 1979-05-03

USE time-of-use pricing

TIME-OF-FLIGHT MASS SPECTROMETERS

INIS: 1976-01-28; ETDE: 1988-09-21

*BT1 dynamic mass spectrometers
*BT1 time-of-flight spectrometers

TIME-OF-FLIGHT METHOD

RT charge plunger method
RT time-of-flight spectrometers

TIME-OF-FLIGHT SPECTROMETERS

*BT1 spectrometers
NT1 time-of-flight mass spectrometers
RT time-of-flight method

time-of-season pricing

INIS: 2000-04-12; ETDE: 1980-05-06

USE seasonal variations
USE time-of-use pricing

TIME-OF-USE PRICING

INIS: 2000-04-12; ETDE: 1980-05-06

Pricing of service during periods of the day or during different seasons of the year based on cost of supplying the service during the time of day or season.

UF time-of-day pricing
UF time-of-season pricing
BT1 prices
RT electric power
RT load management
RT off-peak power
RT peak-load pricing
RT seasonal variations

TIME PROJECTION CHAMBERS

INIS: 1988-08-02; ETDE: 1979-02-23

(Prior to August, 1988, this concept was indexed by PROJECTION SPARK CHAMBERS.)

UF tpc
*BT1 drift chambers
RT projection spark chambers

TIME RESOLUTION

Minimum time interval between events to be detected.

BT1 resolution
BT1 timing properties
RT pulse pileup

time-reversal invariance

USE t invariance

TIME-SERIES ANALYSIS

INIS: 1996-05-06; ETDE: 1978-02-14

*BT1 statistics
RT decision making
RT forecasting
RT mathematical models

TIME-TO-AMPLITUDE CONVERTERS

*BT1 pulse converters

TIME-TO-DIGITAL CONVERTERS

2017-11-01

*BT1 pulse converters
RT digital systems
RT digitizers

timeliness

INIS: 2000-04-12; ETDE: 1983-03-23

USE time delay

TIMING CIRCUITS

BT1 electronic circuits
RT dead time
RT discriminators
RT sweep circuits
RT time measurement
RT timing properties

TIMING PROPERTIES

Properties of a detector, circuit or other component related to time measurement, such as its pulse rise time or time resolution, etc.

NT1 dead time
NT1 pulse rise time
NT1 time resolution
RT pulse pileup
RT time measurement
RT timing circuits

TIMKEN ALLOYS

2000-04-12

*BT1 chromium-nickel steels
*BT1 cobalt alloys
*BT1 molybdenum alloys

TIMOR SEA

INIS: 2000-04-12; ETDE: 1995-10-03

*BT1 indian ocean
RT australia
RT indonesia

TIN

*BT1 metals

TIN 100

INIS: 1985-09-06; ETDE: 1985-03-12

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 tin isotopes

TIN 101

INIS: 1992-09-23; ETDE: 1985-10-25

*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 tin isotopes

TIN 102

INIS: 1997-02-07; ETDE: 1985-03-12

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 isomeric transition isotopes
*BT1 microseconds living radioisotopes
*BT1 seconds living radioisotopes
*BT1 tin isotopes

TIN 103

INIS: 1980-07-24; ETDE: 1980-08-12

*BT1 beta-plus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 tin isotopes

TIN 104

INIS: 1976-11-08; ETDE: 1976-09-15

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 tin isotopes

TIN 105

INIS: 1980-07-24; ETDE: 1980-08-12

*BT1 beta-plus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 tin isotopes

TIN 106

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 tin isotopes

TIN 107

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 tin isotopes

TIN 108

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 tin isotopes

TIN 109

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 tin isotopes

TIN 110

*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 tin isotopes

TIN 110 TARGET

INIS: 1980-07-24; ETDE: 1980-08-12
BT1 targets

TIN 111

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 tin isotopes

TIN 112

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 tin isotopes

TIN 112 REACTIONS

INIS: 1991-10-22; ETDE: 1991-11-26
*BT1 heavy ion reactions

TIN 112 TARGET

ETDE: 1976-07-09
BT1 targets

TIN 113

*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei

- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 tin isotopes
- RT radioisotope generators

TIN 114

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 tin isotopes

TIN 114 TARGET

ETDE: 1976-07-09

- BT1 targets

TIN 115

- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 tin isotopes

TIN 115 TARGET

INIS: 1976-10-29; ETDE: 1976-12-16

- BT1 targets

TIN 116

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 tin isotopes

TIN 116 REACTIONS

INIS: 1987-11-02; ETDE: 1987-12-23

- *BT1 heavy ion reactions

TIN 116 TARGET

ETDE: 1976-07-09

- BT1 targets

TIN 117

- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 stable isotopes
- *BT1 tin isotopes

TIN 117 TARGET

ETDE: 1976-07-09

- BT1 targets

TIN 118

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 tin isotopes

TIN 118 REACTIONS

INIS: 1987-06-29; ETDE: 1987-07-09

- *BT1 heavy ion reactions

TIN 118 TARGET

ETDE: 1976-07-09

- BT1 targets

TIN 119

- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 stable isotopes
- *BT1 tin isotopes

TIN 119 TARGET

ETDE: 1976-07-09

- BT1 targets

TIN 120

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes

- *BT1 tin isotopes

TIN 120 BEAMS

INIS: 1984-05-24; ETDE: 1984-06-29

- *BT1 ion beams

TIN 120 REACTIONS

INIS: 1978-07-03; ETDE: 1978-08-07

- *BT1 heavy ion reactions

TIN 120 TARGET

ETDE: 1976-07-09

- BT1 targets

TIN 121

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 tin isotopes
- *BT1 years living radioisotopes

TIN 122

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 tin isotopes

TIN 122 REACTIONS

INIS: 1980-09-12; ETDE: 1980-10-07

- *BT1 heavy ion reactions

TIN 122 TARGET

ETDE: 1976-07-09

- BT1 targets

TIN 123

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 tin isotopes

TIN 124

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 tin isotopes

TIN 124 REACTIONS

INIS: 1980-12-01; ETDE: 1981-01-09

- *BT1 heavy ion reactions

TIN 124 TARGET

ETDE: 1976-07-09

- BT1 targets

TIN 125

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 tin isotopes

TIN 125 TARGET

INIS: 1992-09-23; ETDE: 1984-10-10

- BT1 targets

TIN 126

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 tin isotopes
- *BT1 years living radioisotopes

TIN 126 TARGET

INIS: 1980-04-02; ETDE: 1980-05-06

- BT1 targets

TIN 127

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 tin isotopes

TIN 128

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 seconds living radioisotopes
- *BT1 tin isotopes

TIN 129

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 tin isotopes

TIN 130

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 tin isotopes

TIN 131

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 seconds living radioisotopes
- *BT1 tin isotopes

TIN 132

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 tin isotopes

TIN 133

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 tin isotopes

TIN 134

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 tin isotopes

TIN 135

2004-12-15

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 tin isotopes

TIN 136

2007-04-23

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 tin isotopes

TIN 137

2004-12-15

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei

- *BT1 milliseconds living radioisotopes
- *BT1 tin isotopes

TIN 99

2007-04-23

- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 tin isotopes

TIN ADDITIONS

Alloys containing not more than 1% Sn are listed here.

- *BT1 tin alloys
- NT1 zamak

TIN ALLOYS

Alloys containing more than 1% Sn.

- UF transage 175
- BT1 alloys
- NT1 alloy-bi50pb25cd12sn12
- NT2 wood metal
- NT1 alloy-zr98sn-2
- NT2 zircaloy 2
- NT1 alloy-zr98sn-4
- NT2 zircaloy 4
- NT1 bronze
- NT1 cerrobend alloys
- NT1 lichtenberg alloy
- NT1 newton-metal
- NT1 ounce metal
- NT1 rose-metal
- NT1 terne-metal
- NT1 tin additions
- NT2 zamak
- NT1 tin base alloys

TIN ARSENIDES

INIS: 2000-04-12; ETDE: 1975-11-11

- *BT1 arsenides
- BT1 tin compounds

TIN BASE ALLOYS

- *BT1 tin alloys

TIN BORIDES

1996-07-15

(From June 1996 to February 2008 TIN COMPOUNDS + BORIDES was used for this concept.)

- *BT1 borides
- BT1 tin compounds

TIN BROMIDES

- *BT1 bromides
- *BT1 tin halides

TIN CARBIDES

INIS: 2000-04-12; ETDE: 1975-12-16

- *BT1 carbides
- BT1 tin compounds

TIN CHLORIDES

- *BT1 chlorides
- *BT1 tin halides

TIN COMPLEXES

- BT1 complexes

TIN COMPOUNDS

1997-06-19

- NT1 stannates
- NT2 cadmium stannates
- NT1 stannides
- NT1 tin arsenides
- NT1 tin borides
- NT1 tin carbides
- NT1 tin halides
- NT2 tin bromides
- NT2 tin chlorides
- NT2 tin fluorides
- NT2 tin iodides

- NT1 tin hydrides
- NT1 tin hydroxides
- NT1 tin nitrides
- NT1 tin oxides
- NT1 tin phosphates
- NT1 tin phosphides
- NT1 tin selenides
- NT1 tin sulfates
- NT1 tin sulfides
- NT1 tin tellurides
- NT1 tin tungstates

TIN FLUORIDES

- *BT1 fluorides
- *BT1 tin halides

TIN HALIDES

INIS: 1991-09-16; ETDE: 1977-06-24

- *BT1 halides
- BT1 tin compounds
- NT1 tin bromides
- NT1 tin chlorides
- NT1 tin fluorides
- NT1 tin iodides

TIN HYDRIDES

- *BT1 hydrides
- BT1 tin compounds

TIN HYDROXIDES

- *BT1 hydroxides
- BT1 tin compounds

TIN IODIDES

- *BT1 iodides
- *BT1 tin halides

TIN IONS

- *BT1 ions

TIN ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 tin 100
- NT1 tin 101
- NT1 tin 102
- NT1 tin 103
- NT1 tin 104
- NT1 tin 105
- NT1 tin 106
- NT1 tin 107
- NT1 tin 108
- NT1 tin 109
- NT1 tin 110
- NT1 tin 111
- NT1 tin 112
- NT1 tin 113
- NT1 tin 114
- NT1 tin 115
- NT1 tin 116
- NT1 tin 117
- NT1 tin 118
- NT1 tin 119
- NT1 tin 120
- NT1 tin 121
- NT1 tin 122
- NT1 tin 123
- NT1 tin 124
- NT1 tin 125
- NT1 tin 126
- NT1 tin 127
- NT1 tin 128
- NT1 tin 129
- NT1 tin 130
- NT1 tin 131
- NT1 tin 132
- NT1 tin 133
- NT1 tin 134
- NT1 tin 135
- NT1 tin 136
- NT1 tin 137

- NT1 tin 99

TIN NITRIDES

1976-06-23

- *BT1 nitrides
- BT1 tin compounds

TIN ORES

INIS: 1978-08-30; ETDE: 1975-10-01

- BT1 ores

TIN OXIDES

- *BT1 oxides
- BT1 tin compounds
- RT stannates

TIN PHOSPHATES

- *BT1 phosphates
- BT1 tin compounds

TIN PHOSPHIDES

INIS: 1977-01-25; ETDE: 1975-11-11

- *BT1 phosphides
- BT1 tin compounds

TIN SELENIDES

1976-07-16

- *BT1 selenides
- BT1 tin compounds

TIN SULFATES

- *BT1 sulfates
- BT1 tin compounds

TIN SULFIDES

- *BT1 sulfides
- BT1 tin compounds

TIN TELLURIDES

- *BT1 tellurides
- BT1 tin compounds

TIN TUNGSTATES

2000-04-12

- BT1 tin compounds
- *BT1 tungstates

TINEA

INIS: 2000-04-12; ETDE: 1979-07-18

- *BT1 fungal diseases
- RT fungi

tioga nitrogen removal process

INIS: 2000-04-12; ETDE: 1976-03-22

(Prior to February 1995, this was a valid ETDE descriptor.)

- USE nitrogen
- USE removal

TIPVANE ROTORS

INIS: 2000-04-12; ETDE: 1978-09-13

Horizontal axis turbines with small wings attached at right angles to the rotor tips.

- UF dynamic inducer rotors
- BT1 rotors
- RT horizontal axis turbines
- RT wind turbines

TIRES

1992-03-16

- RT vehicles
- RT wheels

TIRON

- *BT1 polyphenols
- BT1 reagents
- *BT1 sodium compounds
- *BT1 sulfonic acids

TISSUE CULTURES

- UF cultures (tissue)
- UF organ cultures
- RT animal tissues
- RT cell cultures

RT culture media
RT in vitro

TISSUE DISTRIBUTION

1985-12-11

BT1 distribution
RT animal tissues
RT biological localization
RT radionuclide kinetics

tissue equivalent chambers

USE bragg gray chambers

TISSUE-EQUIVALENT DETECTORS

*BT1 radiation detectors
RT dose equivalents

TISSUE-EQUIVALENT MATERIALS

BT1 materials
RT animal tissues
RT phantoms

TISSUE EXTRACTS

*BT1 biological materials
RT animal tissues
RT cell constituents
RT mitogens

tissues

1996-03-12

(Until March 1996 this was a valid term with its meaning restricted to ANIMAL TISSUES.)

SEE animal tissues
 SEE plant tissues

TITANATES

1997-06-17

BT1 oxygen compounds
 *BT1 titanium compounds
 NT1 cadmium titanates
 NT1 lithium titanates
 NT1 plzt
 NT1 pzt
 NT1 strontium titanates
RT titanium oxides

TITANIDES

2013-06-03

Specific compounds should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

*BT1 titanium compounds

TITANITE

UF sphene
 *BT1 silicate minerals
RT titanium silicates

TITANIUM

*BT1 transition elements
 NT1 titanium-alpha
 NT1 titanium-beta
RT kroll process

TITANIUM 38

2008-01-28

*BT1 even-even nuclei
 *BT1 light nuclei
 *BT1 titanium isotopes

TITANIUM 39

1988-11-16

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 light nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 titanium isotopes

TITANIUM 40

INIS: 1990-05-16; ETDE: 1990-06-01

*BT1 beta-plus decay radioisotopes

*BT1 even-even nuclei
 *BT1 light nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 titanium isotopes

TITANIUM 41

*BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 titanium isotopes

TITANIUM 42

*BT1 beta-plus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 titanium isotopes

TITANIUM 43

*BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 titanium isotopes

TITANIUM 44

*BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 titanium isotopes
 *BT1 years living radioisotopes

TITANIUM 44 TARGET

INIS: 1978-11-24; ETDE: 1978-09-11

BT1 targets

TITANIUM 45

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 titanium isotopes

TITANIUM 45 TARGET

INIS: 1977-11-21; ETDE: 1978-03-08

BT1 targets

TITANIUM 46

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
 *BT1 titanium isotopes

TITANIUM 46 REACTIONS

INIS: 1985-11-18; ETDE: 1981-06-13

*BT1 heavy ion reactions

TITANIUM 46 TARGET

ETDE: 1976-07-09

BT1 targets

TITANIUM 47

*BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
 *BT1 titanium isotopes

TITANIUM 47 TARGET

ETDE: 1976-07-09

BT1 targets

TITANIUM 48

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
 *BT1 titanium isotopes

TITANIUM 48 BEAMS

INIS: 1989-05-29; ETDE: 1989-06-21

*BT1 ion beams

TITANIUM 48 REACTIONS

INIS: 1977-09-15; ETDE: 1978-03-08

*BT1 heavy ion reactions

TITANIUM 48 TARGET

ETDE: 1976-07-09

BT1 targets

TITANIUM 49

*BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
 *BT1 titanium isotopes
RT titanium 49 reactions

TITANIUM 49 REACTIONS

INIS: 1992-09-23; ETDE: 1985-09-24

*BT1 heavy ion reactions
RT titanium 49

TITANIUM 49 TARGET

ETDE: 1976-07-09

BT1 targets

TITANIUM 50

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 stable isotopes
 *BT1 titanium isotopes
RT titanium 50 reactions

TITANIUM 50 BEAMS

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 ion beams

TITANIUM 50 REACTIONS

*BT1 heavy ion reactions
RT titanium 50

TITANIUM 50 TARGET

ETDE: 1976-07-09

BT1 targets

TITANIUM 51

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 titanium isotopes

TITANIUM 52

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 titanium isotopes

TITANIUM 53

INIS: 1976-11-08; ETDE: 1976-09-15

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 titanium isotopes

TITANIUM 54

1980-11-07

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 titanium isotopes

TITANIUM 55

INIS: 1991-02-11; ETDE: 1981-01-30

*BT1 beta-minus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 titanium isotopes

TITANIUM 56

INIS: 1986-08-19; ETDE: 1981-01-30

*BT1 beta-minus decay radioisotopes
 *BT1 even-even nuclei

- *BT1 intermediate mass nuclei
- *BT1 titanium isotopes

TITANIUM 57

INIS: 1986-08-19; ETDE: 1986-09-05

- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 titanium isotopes

TITANIUM 58

2005-03-11

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 titanium isotopes

TITANIUM 59

2005-03-11

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 nanoseconds living radioisotopes
- *BT1 titanium isotopes

TITANIUM 60

2005-03-11

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 titanium isotopes

TITANIUM 61

2008-01-28

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 titanium isotopes

TITANIUM 62

2008-01-28

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 titanium isotopes

TITANIUM 63

2008-01-28

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 titanium isotopes

TITANIUM ADDITIONS

1996-11-13

Alloys containing not more than 1% Ti are listed here.

- *BT1 titanium alloys
- NT1 alloy-fe44ni33cr21
 - NT2 incoloy 800h
- NT1 alloy-fe46ni33cr21
 - NT2 incoloy 800
 - NT2 incoloy 802
- NT1 alloy-in-102
- NT1 alloy-mo99
 - NT2 alloy-tzm
 - NT2 alloy-zm-2a
- NT1 alloy-n-10m
- NT1 alloy-ni43fe30cr22mo3
 - NT2 incoloy 825
- NT1 alloy-ni51cr48
 - NT2 inconel 671
- NT1 alloy-ni53cr19fe19nb5mo3
 - NT2 inconel 718
- NT1 alloy-ni59cr30fe9
 - NT2 inconel 690
- NT1 alloy-ni61cr22mo9nb4fe3
 - NT2 inconel 625

- NT1 alloy-ni70mo17cr7fe5
 - NT2 hastelloy n
 - NT2 inor-8
- NT1 alloy-ni73cr20mn3nb3
 - NT2 inconel 82
- NT1 alloy-ni74cr13al6mo4
 - NT2 inconel 713c
- NT1 alloy-ni75cr12al6mo5
 - NT2 inconel 713lc
- NT1 alloy-ni76cr15fe8
 - NT2 inconel 600
- NT1 alloy-ni78cr21
 - NT1 duranickel
- NT1 steel-cr15ni15motib
- NT1 steel-cr17ni13mo2ti
- NT1 steel-cr17ni13mo3ti
- NT1 steel-cr18ni10ti
 - NT2 stainless steel-321
- NT1 steel-cr18ni12ti
- NT1 steel-cr18ni9ti

TITANIUM ALLOYS

1996-11-13

Alloys containing more than 1% Ti.

- UF *nitinol*
- *BT1 transition element alloys
- NT1 alloy-b-1900
- NT1 alloy-c-103
- NT1 alloy-d-979
- NT1 alloy-in-853
- NT1 alloy-m-813
- NT1 alloy-mar-m246
- NT1 alloy-n28t3
- NT1 alloy-ni41fe40cr16nb3
 - NT2 inconel 706
- NT1 alloy-ni43fe33cr16mo3
 - NT2 nimonic pe16
- NT1 alloy-ni46cr23co19ti5al4
 - NT2 alloy-in-939
- NT1 alloy-ni50co20cr15al5mo5
 - NT2 nimonic 105
- NT1 alloy-ni55co17cr15mo5al4ti4
 - NT2 astroloy
- NT1 alloy-ni55cr19co11mo10ti3
 - NT2 rene 41
- NT1 alloy-ni58cr20co14mo4ti3
 - NT2 waspaloy
- NT1 alloy-ni59cr20co17ti2
- NT1 alloy-ni60co15cr10al6ti5mo3
 - NT2 alloy-in-100
- NT1 alloy-ni61cr16co9al3ti3w3
 - NT2 alloy-in-738
- NT1 alloy-ni73cr15fe7ti3
 - NT2 inconel x750
- NT1 alloy-ni76cr20ti2
 - NT2 nimonic 80a
- NT1 alloy-ni77cr20ti2
- NT1 alloy-nt25a5
- NT1 carboloy
- NT1 discaloy
- NT1 incoloy 901
- NT1 konel
- NT1 ni-o-nel
- NT1 rene-100
- NT1 rene 80
- NT1 rene 95
- NT1 stainless steel-jbk-75
- NT1 steel-cr11ni10mo2ti-l
- NT1 steel-ni26cr15ti2movalb
 - NT2 alloy-a-286
- NT1 steel-ni36cr12ti3al-l
- NT1 titanium additions
 - NT2 alloy-fe44ni33cr21
 - NT3 incoloy 800h
 - NT2 alloy-fe46ni33cr21
 - NT3 incoloy 800
 - NT3 incoloy 802
 - NT2 alloy-in-102
 - NT2 alloy-mo99

- NT3 alloy-tzm
- NT3 alloy-zm-2a
- NT2 alloy-n-10m
- NT2 alloy-ni43fe30cr22mo3
 - NT3 incoloy 825
- NT2 alloy-ni51cr48
 - NT3 inconel 671
- NT2 alloy-ni53cr19fe19nb5mo3
 - NT3 inconel 718
- NT2 alloy-ni59cr30fe9
 - NT3 inconel 690
- NT2 alloy-ni61cr22mo9nb4fe3
 - NT3 inconel 625
- NT2 alloy-ni70mo17cr7fe5
 - NT3 hastelloy n
 - NT3 inor-8
- NT2 alloy-ni73cr20mn3nb3
 - NT3 inconel 82
- NT2 alloy-ni74cr13al6mo4
 - NT3 inconel 713c
- NT2 alloy-ni75cr12al6mo5
 - NT3 inconel 713lc
- NT2 alloy-ni76cr15fe8
 - NT3 inconel 600
- NT2 alloy-ni78cr21
 - NT1 duranickel
- NT2 steel-cr15ni15motib
- NT2 steel-cr17ni13mo2ti
- NT2 steel-cr17ni13mo3ti
- NT2 steel-cr18ni10ti
 - NT3 stainless steel-321
- NT2 steel-cr18ni12ti
- NT2 steel-cr18ni9ti
- NT1 titanium base alloys
 - NT2 alloy-ti78cr11mo7al3
 - NT2 alloy-ti88mo8al3
 - NT2 alloy-ti89al6mo3
 - NT2 alloy-ti90al6
 - NT2 alloy-ti90al6mo3
 - NT2 alloy-ti90al6v4
 - NT2 alloy-ti90mo7al2
 - NT2 alloy-ti91al4mo3
 - NT2 alloy-ti91al5cr2
 - NT2 alloy-ti99
- NT1 udimet alloys
 - NT2 alloy-ni53co19cr15mo5al4ti3
 - NT3 udimet 700
 - NT2 udimet 500

TITANIUM-ALPHA

- *BT1 titanium

TITANIUM ARSENIDES

INIS: 2000-04-12; ETDE: 1984-06-14

(From January 1993 to February 2008
TITANIUM COMPOUNDS + ARSENIDES
was used for this concept.)

- *BT1 arsenides
- *BT1 titanium compounds

TITANIUM BASE ALLOYS

- UF *alloy-60t*
- UF *alloy-vt30*
- UF *transage 117*
- UF *transage 120*
- UF *transage 129*
- UF *transage 134*
- UF *transage 175*
- SF *alloy-ts5*
- *BT1 titanium alloys
 - NT1 alloy-ti78cr11mo7al3
 - NT1 alloy-ti88mo8al3
 - NT1 alloy-ti89al6mo3
 - NT1 alloy-ti90al6
 - NT1 alloy-ti90al6mo3
 - NT1 alloy-ti90al6v4
 - NT1 alloy-ti90mo7al2
 - NT1 alloy-ti91al4mo3
 - NT1 alloy-ti91al5cr2
 - NT1 alloy-ti99

TITANIUM-BETA

*BT1 titanium

TITANIUM BORIDES

*BT1 borides

*BT1 titanium compounds

TITANIUM BROMIDES

*BT1 bromides

*BT1 titanium halides

TITANIUM CARBIDES

*BT1 carbides

*BT1 titanium compounds

TITANIUM CHLORIDES

*BT1 chlorides

*BT1 titanium halides

TITANIUM COMPLEXES

*BT1 transition element complexes

TITANIUM COMPOUNDS

1997-06-19

BT1 transition element compounds

NT1 titanates

NT2 cadmium titanates

NT2 lithium titanates

NT2 plzt

NT2 pzt

NT2 strontium titanates

NT1 titanides

NT1 titanium arsenides

NT1 titanium borides

NT1 titanium carbides

NT1 titanium halides

NT2 titanium bromides

NT2 titanium chlorides

NT2 titanium fluorides

NT2 titanium iodides

NT1 titanium hydrides

NT1 titanium hydroxides

NT1 titanium nitrates

NT1 titanium nitrides

NT1 titanium oxides

NT1 titanium phosphates

NT1 titanium phosphides

NT1 titanium selenides

NT1 titanium silicates

NT1 titanium silicides

NT1 titanium sulfates

NT1 titanium sulfides

NT1 titanium tellurides

NT1 titanium tungstates

TITANIUM FLUORIDES

*BT1 fluorides

*BT1 titanium halides

TITANIUM HALIDES

2012-07-25

*BT1 halides

*BT1 titanium compounds

NT1 titanium bromides

NT1 titanium chlorides

NT1 titanium fluorides

NT1 titanium iodides

TITANIUM HYDRIDES

*BT1 hydrides

*BT1 titanium compounds

TITANIUM HYDROXIDES

*BT1 hydroxides

*BT1 titanium compounds

TITANIUM IODIDES

*BT1 iodides

*BT1 titanium halides

TITANIUM IONS

*BT1 ions

TITANIUM ISOTOPES

1999-07-16

BT1 isotopes

NT1 titanium 38

NT1 titanium 39

NT1 titanium 40

NT1 titanium 41

NT1 titanium 42

NT1 titanium 43

NT1 titanium 44

NT1 titanium 45

NT1 titanium 46

NT1 titanium 47

NT1 titanium 48

NT1 titanium 49

NT1 titanium 50

NT1 titanium 51

NT1 titanium 52

NT1 titanium 53

NT1 titanium 54

NT1 titanium 55

NT1 titanium 56

NT1 titanium 57

NT1 titanium 58

NT1 titanium 59

NT1 titanium 60

NT1 titanium 61

NT1 titanium 62

NT1 titanium 63

TITANIUM NITRATES

*BT1 nitrates

*BT1 titanium compounds

TITANIUM NITRIDES

*BT1 nitrides

*BT1 titanium compounds

TITANIUM ORES

INIS: 1993-01-13; ETDE: 1992-09-14

BT1 ores

TITANIUM OXIDES

1996-06-26

*BT1 oxides

*BT1 titanium compounds

RT brannerite

RT hollandite

RT ilmenite

RT lodochromite

RT marignacite

RT oxide minerals

RT perovskite

RT rutile

RT titanates

RT zirconolite

TITANIUM PHOSPHATES

*BT1 phosphates

*BT1 titanium compounds

TITANIUM PHOSPHIDES

INIS: 1991-09-16; ETDE: 1985-12-13

*BT1 phosphides

*BT1 titanium compounds

TITANIUM SELENIDES

INIS: 1978-07-03; ETDE: 1978-02-15

*BT1 selenides

*BT1 titanium compounds

TITANIUM SILICATES

*BT1 silicates

*BT1 titanium compounds

RT silicate minerals

RT titanite

TITANIUM SILICIDES

1979-04-27

*BT1 silicides

*BT1 titanium compounds

TITANIUM SULFATES

*BT1 sulfates

*BT1 titanium compounds

TITANIUM SULFIDES

*BT1 sulfides

*BT1 titanium compounds

TITANIUM TELLURIDES

INIS: 1979-09-18; ETDE: 1978-09-11

*BT1 tellurides

*BT1 titanium compounds

TITANIUM TUNGSTATES

2000-04-12

*BT1 titanium compounds

*BT1 tungstates

TITRATION

1995-11-22

*BT1 volumetric analysis

NT1 amperometry

NT1 iodometry

NT1 potentiometry

NT1 thermometric titration

RT acid neutralizing capacity

RT potentiostats

TIWI GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1977-07-23

BT1 geothermal fields

RT philippines

TJ-1 TOKAMAK

INIS: 1996-03-04; ETDE: 1991-09-13

CIEMAT, Madrid, Spain.

*BT1 tokamak devices

RT tj-iu torsatron

TJ-II HELIAC

INIS: 1999-01-26; ETDE: 1999-09-03

CIEMAT, Madrid, Spain.

*BT1 heliac stellarators

TJ-IU TORSATRON

INIS: 1996-03-04; ETDE: 1996-02-26

Torsatron stellarator at CIEMAT, Madrid, Spain, which started operation in April 1994.

*BT1 torsatron stellarators

RT tj-1 tokamak

TLATELOLCO TREATY

INIS: 1975-12-09; ETDE: 1976-01-26

Treaty for the Prohibition of Nuclear Weapons in Latin America.

UF latin america nuclear weapons prohibition treaty

UF nuclear weapons, latin american prohibition treaty

UF prohibition of nuclear weapons (latin american treaty)

UF treaty for prohibition of nuclear weapons in latin america

BT1 treaties

RT arms control

RT nuclear weapons

tld (dosemeters)

USE thermoluminescent dosemeters

tld (dosimetry)

USE thermoluminescent dosimetry

tld systems

USE thermoluminescent dosemeters

TLM CONFIGURATIONS

INIS: 1975-08-20; ETDE: 1975-10-01

Toroidally Linked Mirror configurations.

*BT1 magnetic mirror configurations

RT magnetic fields

RT magnetic mirrors

RT minimum-b configurations

RT tandem mirrors
RT toroidal configuration

TLP DEVICES

1996-07-16

(Prior to August 1996 ALPHA DEVICE was a valid ETDE descriptor.)

UF alpha device
UF longitudinal pinch devices (toroidal)
UF toroidal longitudinal pinch device
**BT1* toroidal pinch devices
NT1 zeta devices
RT longitudinal pinch

tmpn

INIS: 1994-08-22; *ETDE*: 1980-01-15

2, 2, 6, 6-tetramethyl-4-piperidinol-N-oxyl.

(Until August 1994 this was a valid descriptor.)

USE hydroxy compounds
USE organic oxygen compounds
USE piperidines

TMR REACTORS

INIS: 1981-07-06; *ETDE*: 1978-04-27

UF tandem mirror type reactors
SF tandem mirror devices
**BT1* magnetic mirror type reactors
RT magnetic mirrors
RT tandem mirrors
RT thermal barriers

TMTSF

INIS: 1983-10-14; *ETDE*: 1983-04-07

UF tetramethyltetraselenafulvalene
**BT1* heterocyclic compounds
**BT1* organic superconductors
BT1 selenium compounds

TMX DEVICES

INIS: 1978-04-21; *ETDE*: 1977-08-25

Tandem Mirror Experiment at Lawrence Livermore Laboratory.

UF tandem mirror experiment at uclll
SF tandem mirror devices
**BT1* tandem mirrors
RT lawrence livermore laboratory
RT magnetic mirror type reactors
RT thermal barriers

tna

2000-04-12

(Prior to February 1996 this was a valid ETDE descriptor; it was used for the concept TRINONYLAMINE.)

USE amines
USE chelating agents

tnp

2, 4, 6-trinitro phenol.

USE picric acid

tnrc critical facility

2019-01-28

USE tnrc reactor

TNRC REACTOR

2019-01-28

Tajoura Nuclear Regulatory Office. Tajoura, Libya. Converted from HEU to LEU fuel in 2006.

UF tnrc critical facility
**BT1* zero power reactors

TNS REACTORS

INIS: 1978-09-28; *ETDE*: 1978-03-03

The next tokamak confinement device beyond TFTR.

UF the next step device
UF the next step thermonuclear reactor
**BT1* tokamak type reactors

TNT

UF trinitrotoluene
**BT1* chemical explosives
**BT1* nitro compounds
RT toluene

TNT-A TOKAMAK

INIS: 1985-03-19; *ETDE*: 1985-04-09

UF tokyo non-circular tokamak
**BT1* tokamak devices

tntr-kiwi

2000-04-12

USE kiwi-tnt reactor

toa (trioctylamine)

ETDE: 2005-02-01

(Prior to January 2005 TOA was a valid descriptor.)

USE trioctylamine

TOADS

INIS: 1993-07-19; *ETDE*: 1977-09-19

(Until July 1993, this concept was indexed by FROGS.)

**BT1* amphibians
RT frogs

TOBACCO

RT crops
RT nicotiana
RT tobacco smokes

TOBACCO MOSAIC VIRUS

**BT1* viruses
RT plant diseases

tobacco plant

USE nicotiana

TOBACCO PRODUCTS

2000-04-12

SF cigarettes
RT nicotiana
RT tobacco smokes

TOBACCO SMOKES

**BT1* smokes
RT tobacco
RT tobacco products

tocopherols

USE vitamin e

TOGGLE OPERATION

INIS: 2000-04-12; *ETDE*: 1979-11-23

**BT1* nuclear explosions
**BT1* underground explosions
NT1 rio blanco event
RT contained explosions

TOGO

INIS: 1981-02-27; *ETDE*: 1980-08-12

BT1 africa
BT1 developing countries

tohoku-1 reactor

USE onagawa-1 reactor

tohoku avf cyclotron

INIS: 1983-06-30; *ETDE*: 2000-09-20

USE tohoku cyclotron

TOHOKU CYCLOTRON

INIS: 1983-06-30; *ETDE*: 1995-02-13

At Cyclotron and Radioisotope Center, Tohoku University, Sendai, Japan.

UF cyric cyclotron
UF sendai cyclotron
UF tohoku avf cyclotron
UF tohoku university cyclotron
**BT1* heavy ion accelerators
**BT1* isochronous cyclotrons

tohoku university cyclotron

INIS: 1983-06-30; *ETDE*: 2000-09-20

USE tohoku cyclotron

TOILETS

INIS: 2000-04-12; *ETDE*: 1977-06-21

RT residential buildings

tokai-1 reactor

ETDE: 2002-06-13

USE tokai-mura reactor

TOKAI-2 REACTOR

JAPCO, Tokai, Ibaraki, Japan.

UF japco-3 reactor
**BT1* bwr type reactors

tokai-mura fast critical assembly

USE fca reactor

TOKAI-MURA REACTOR

JAPCO, Tokai, Ibaraki, Japan. Permanently shut down since 1998.

UF japco-1 reactor
UF tokai-1 reactor
**BT1* carbon dioxide cooled reactors
**BT1* magnox type reactors
**BT1* thermal reactors

TOKAI REPROCESSING PLANT

2006-04-19

**BT1* fuel reprocessing plants

tokai-to-kamioka

2016-12-12

SEE super-kamiokande neutrino detector

tokamak chauffage alfven (brazil)

2004-07-09

USE tcabr tokamak

tokamak chauffage alfven (switzerland)

INIS: 1984-04-04; *ETDE*: 1984-05-08

USE tca tokamak

tokamak de varennnes

1983-09-06

USE varennnes tokamak

TOKAMAK DEVICES

1998-01-28

UF flux conserving tokamaks
UF smartor device
**BT1* closed plasma devices
NT1 act devices
NT1 aditya tokamak
NT1 alcator device
NT1 asdex tokamak
NT1 atc devices
NT1 castor tokamak
NT1 columbia high-beta tokamak
NT1 compact ignition tokamak
NT1 compass-d tokamak
NT1 continuous current tokamak
NT1 ct-6b tokamak
NT1 dante tokamak
NT1 dite tokamak
NT1 doublet-2 device
NT1 doublet-3 device
NT1 etf tokamak
NT1 ft tokamak
NT1 hl-1 tokamak
NT1 hl-1m tokamak
NT1 hl-2 tokamak
NT1 hl-2a tokamak
NT1 ht-2 tokamak
NT1 ht-6b tokamak
NT1 ht-6m tokamak
NT1 ht-7 tokamak
NT1 ht-7u tokamak

NT1 hybtok tokamaks
NT1 ignition spherical torus
NT1 intor tokamak
NT1 isttok tokamak
NT1 isx tokamak
NT1 iter tokamak
NT1 jet tokamak
NT1 jft-2 tokamak
NT1 jft-2a tokamak
NT1 jippt-2 device
NT1 jt-60 tokamak
NT1 jt-60u tokamak
NT1 jxfr tokamak
NT1 kt-2 tokamak
NT1 lt-3 tokamak
NT1 lt-4 tokamak
NT1 mt-1 tokamak
NT1 mtx tokamak
NT1 net tokamak
NT1 ormak devices
NT1 pbx devices
NT1 pdx devices
NT1 petula tokamak
NT1 phaedrus-t tokamak
NT1 plt devices
NT1 pulsator devices
NT1 rtp tokamak
NT1 sinp tokamak
NT1 spheromak devices
NT2 cdx-u spheromak
NT2 ctx spheromak
NT2 globus-m spheromak
NT2 mast tokamak
NT2 nstx device
NT2 sspx device
NT2 sunist spheromak
NT2 ts-3 device
NT1 st tokamak
NT1 starfire tokamak
NT1 start tokamak
NT1 stor-m tokamak
NT1 stx devices
NT1 surmac tokamak
NT1 t-10 tokamak
NT1 t-14 tokamak
NT1 t-15 tokamak
NT1 t-7 tokamak
NT1 tbr tokamak
NT1 tca tokamak
NT1 tcabr tokamak
NT1 tcv tokamak
NT1 text devices
NT1 textor tokamak
NT1 tfr tokamak
NT1 tfr tokamak
NT1 tiber-x tokamak
NT1 tj-1 tokamak
NT1 tnt-a tokamak
NT1 tokapole devices
NT1 tokoloshe tokamak
NT1 tore supra tokamak
NT1 tormac devices
NT1 tortus tokamak
NT1 torus-ii tokamak
NT1 toska tokamak
NT1 tpx device
NT1 triam-1 tokamak
NT1 tuman devices
NT1 two-component torus
NT1 uwmak devices
NT1 varennes tokamak
NT1 versator tokamak
NT1 wt-3 tokamak
RT banana regime
RT h-mode plasma confinement
RT magnetic surfaces
RT marfe
RT mode rational surfaces

RT pfirsch-schlueter regime
RT plasma disruption
RT plasma radial profiles
RT plateau regime
RT sawtooth oscillations
RT tokamak type reactors
RT wega stellarator

tokamak etf

INIS: 2000-04-12; ETDE: 1979-12-17
 (Prior to July 1985, this was a valid ETDE descriptor.)
 USE etf tokamak

tokamak fontenay-aux-roses

USE tfr tokamak

tokamak fusion core experiment

INIS: 1994-04-11; ETDE: 1984-10-24
 USE tfcx reactors

tokamak fusion test reactor

INIS: 1977-11-02; ETDE: 1975-09-11
 USE tfr tokamak

tokamak model st

USE st tokamak

TOKAMAK TYPE REACTORS

INIS: 1997-06-19; ETDE: 1976-09-15
BT1 thermonuclear reactors
NT1 compact ignition tokamak
NT1 doublet reactors
NT1 iter tokamak
NT1 tentok reactors
NT1 tfcx reactors
NT1 tns reactors
RT fusion neutron source facilities
RT tokamak devices

TOKAPOLE DEVICES

INIS: 1981-07-06; ETDE: 1978-12-11
***BT1** internal ring devices
***BT1** tokamak devices

TOKOLOSHE TOKAMAK

INIS: 1991-03-22; ETDE: 1991-04-09
Pelindaba, Pretoria, South Africa.
***BT1** tokamak devices

tokyo-1 reactor

USE fukushima-1 reactor

tokyo-2 reactor

USE fukushima-2 reactor

tokyo-3 reactor

USE fukushima-3 reactor

tokyo-4 reactor

USE fukushima-4 reactor

tokyo-denrioku k-1 reactor

INIS: 1987-01-28; ETDE: 2002-06-13
 USE kashiwazaki-kariwa-1 reactor

tokyo-denryoku k-2 reactor

INIS: 1985-04-22; ETDE: 1985-05-07
 USE kashiwazaki-kariwa-2 reactor

TOKYO INS CYCLOTRON

INIS: 1983-06-01; ETDE: 1983-03-24
Sector-focused cyclotron at Institute for Nuclear Studies, University of Tokyo.
UF ins cyclotron (tokyo)
UF institute for nuclear studies cyclotron
***BT1** heavy ion accelerators
***BT1** isochronous cyclotrons

tokyo non-circular tokamak

INIS: 1985-03-19; ETDE: 1985-04-09
 USE tnt-a tokamak

TOKYO SYNCHROTRON

1.3-Gev electron synchrotron.
***BT1** synchrotrons

TOLAN

UF diphenylacetylene
UF phenylacetylene
***BT1** aromatics

TOLERANCE

INIS: 1992-04-13; ETDE: 1976-08-24
RT accuracy
RT biological adaptation
RT dimensions
RT errors
RT hysteresis
RT quality control

toller poles

USE lorentz poles

TOLUENE

UF methylbenzene
***BT1** alkylated aromatics
RT tnt
RT toluidines

TOLUIDINE BLUE

***BT1** azo dyes
RT toluidines

TOLUIDINES

UF aminotoluenes
UF tolylamines
***BT1** amines
RT toluene
RT toluidine blue

toluylene red

1996-10-23
 (Prior to March 1997 NEUTRAL RED was used for this concept in ETDE.)
 USE amines
 USE indicators
 USE pyrazines

TOLYL RADICALS

***BT1** aryl radicals

tolylamines

USE toluidines

TOMARI-1 REACTOR

INIS: 1989-09-14; ETDE: 1989-10-16
Hokkaido Electric Power Co., Tomari, Hokkaido, Japan.
***BT1** pwr type reactors

TOMARI-2 REACTOR

INIS: 1989-11-24; ETDE: 1989-12-08
Hokkaido Electric Power Co., Tomari, Hokkaido, Japan.
***BT1** pwr type reactors

TOMARI-3 REACTOR

2010-05-20
Hokkaido Electric Power Co., Tomari, Hokkaido, Japan.
***BT1** pwr type reactors

TOMATOES

***BT1** fruits

TOMOGRAPHY

A radiographic technique characterized by the movement of two of the three components - source, object, and film - so that a clear image of one plane of the object is registered, while images of all other planes are blurred.

UF laminography
BT1 diagnostic techniques
NT1 compton scattering tomography
NT1 computerized tomography

NT2 cat scanning
NT2 emission computed tomography
NT3 ecat scanning
NT3 positron computed tomography
NT3 single photon emission computed tomography
NT2 photon computed tomography
NT2 proton computed tomography
NT1 grazing incidence tomography
RT biomedical radiography
RT collimators
RT focusing
RT industrial radiography
RT radioisotope scanning

TOMONAGA APPROXIMATION

UF intermediate coupling approximation
***BT1** approximations
RT intermediate coupling

tomotherapy

2007-11-22
USE ct-guided radiotherapy

TOMSK SYNCHROTRON

UF sirius synchrotron
***BT1** synchrotrons

TONGA

2018-07-24
BT1 developing countries
BT1 islands
BT1 oceania
RT pacific ocean

TONGONAN GEOTHERMAL FIELD

INIS: 1992-06-04; **ETDE:** 1979-09-06
BT1 geothermal fields
RT philippines

TONGUE

***BT1** oral cavity
***BT1** organs
RT muscles

tonks-dattner resonance

2000-04-12
 (Prior to January 1995, this was a valid ETDE descriptor.)
SEE plasma waves

tonks-langmuir oscillations

USE tonks-langmuir theory

TONKS-LANGMUIR THEORY

UF tonks-langmuir oscillations
RT plasma waves

TONOPAH TEST RANGE

INIS: 1976-02-05; **ETDE:** 1975-08-19
BT1 military facilities
***BT1** nevada
BT1 test facilities
RT nevada test site
RT sandia laboratories
RT sandia national laboratories

tonsils

USE lymphatic system
USE pharynx

TOOLS

Not for educational tools.
BT1 equipment
NT1 cutting tools
NT1 drill bits
NT1 machine tools
NT2 grinding machines
NT2 lathes
NT2 milling machines
RT machining
RT presses

tools (educational)

INIS: 2000-04-12; **ETDE:** 1980-11-08
USE educational tools

top accidents

INIS: 1979-09-18; **ETDE:** 1979-03-29
USE transient overpower accidents

TOP PARTICLES

INIS: 1985-07-23; **ETDE:** 1985-08-09
Particles with T quantum number not = 0.
***BT1** postulated particles
NT1 t quarks
NT2 t antiquarks
RT beauty particles
RT flavor model
RT toponium

top quark model

INIS: 1984-04-04; **ETDE:** 1979-11-07
USE flavor model

top quarks

INIS: 1995-12-01; **ETDE:** 2002-06-13
USE t quarks

TOPAZ REACTOR

***BT1** experimental reactors
***BT1** hydride moderated reactors
***BT1** power reactors
RT hydride moderators
RT thermionic converters

TOPHET

2000-04-12
***BT1** chromium alloys
***BT1** heat resisting alloys
***BT1** nickel base alloys

tophet a

INIS: 1983-11-07; **ETDE:** 2002-06-13
USE alloy-ni80cr20

tophet c

INIS: 1983-11-07; **ETDE:** 2002-06-13
USE alloy-ni60fe24cr16

topo (trioctylphosphine oxide)

ETDE: 2005-02-01
 (Prior to January 2005 TOPO was a valid descriptor.)
USE trioctylphosphine oxide

TOPOGRAPHY

RT canyons
RT complex terrain
RT earth planet
RT maps
RT site characterization

TOPOLOGICAL FOLIATION

RT differential topology
RT smooth manifolds
RT surfaces

TOPOLOGICAL MAPPING

UF mapping (topological)
BT1 mapping
BT1 transformations
NT1 conformal mapping
RT graph theory
RT mapping fibration
RT mathematical manifolds
RT topology

TOPOLOGY

UF cobordism theory
BT1 mathematics
NT1 differential topology
RT dimensions
RT fractals
RT global analysis

RT graph theory
RT holographic principle
RT invariant imbedding
RT mathematical manifolds
RT periodicity
RT topological mapping

TOPONIUM

INIS: 1986-05-23; **ETDE:** 1985-12-11
A bound state of top and antitop quarks.
***BT1** mesons
BT1 quarkonium
RT bound state
RT flavor model
RT t quarks
RT top particles

TOPPING CYCLES

1984-04-04
RT thermodynamic cycles

topr reactor

USE thor reactor

tops (trioctylphosphine sulfide)

ETDE: 2005-02-01
 (Prior to January 2005 TOPS was a valid descriptor.)
USE trioctylphosphine sulfide

topsoe-snpa process

INIS: 2000-04-12; **ETDE:** 1977-12-22
Dry catalytic oxidation and reduction process for treating Claus tail gas.
 (Prior to March 1994, this was a valid ETDE descriptor.)
USE desulfurization

tor devices

2000-04-12
 (Prior to January 1995, this was a valid ETDE descriptor.)
USE stellarators

TORBANITE

2000-04-12
***BT1** boghead coal
RT minerals

TORBERNITE

***BT1** phosphate minerals
***BT1** uranium minerals
RT copper phosphates
RT uranium phosphates

tore supra

INIS: 2000-04-12; **ETDE:** 1983-03-24
 (Prior to July 1985 this was a valid ETDE descriptor.)
USE tore supra tokamak

TORE SUPRA TOKAMAK

INIS: 1983-06-02; **ETDE:** 1983-07-07
UF tore supra
***BT1** tokamak devices

TORI

NT1 compact torus
NT2 field-reversed theta pinch devices
NT2 rotamak devices
RT annular space
RT aspect ratio
RT bumpy tori
RT rings
RT rotational transform
RT toroidal configuration

TORMAC DEVICES

INIS: 1976-07-30; **ETDE:** 1975-07-29
UF tormak devices
***BT1** tokamak devices

tormak devices

INIS: 1984-06-21; ETDE: 2002-06-13
(Prior to July 1984 this was a valid descriptor.)

USE tormac devices

TORNADO DEVICES

*BT1 internal ring devices

TORNADO TURBINES

INIS: 2000-04-12; ETDE: 1977-06-02
Grumman Aerospace Corp. name for vertical axis turbines in bottom of vertical slotted cylinders with large air intake beneath cylinders.

*BT1 vertical axis turbines
RT solar chimneys

TORNADOES

BT1 storms
RT turbulence
RT weather
RT wind

TORNESS REACTOR

INIS: 1981-02-27; ETDE: 1981-03-13
Dunbar, East Lothian, United Kingdom.

*BT1 agr type reactors
*BT1 carbon dioxide cooled reactors
*BT1 power reactors
*BT1 thermal reactors

TOROIDAL CONFIGURATION

*BT1 annular space
*BT1 closed configurations
RT compact torus
RT reversed-field pinch devices
RT rotational transform
RT tlm configurations
RT tori

TOROIDAL FIELD DIVERTORS

INIS: 1981-07-06; ETDE: 1989-09-18
Divertors that displace the toroidal field lines to form a separatrix in the toroidal field.

BT1 divertors
RT bundle divertors

toroidal longitudinal pinch device

USE tlp devices

TOROIDAL PINCH DEVICES

UF toroidal pinch type reactors
*BT1 closed plasma devices
*BT1 pinch devices
NT1 reversed-field pinch devices
NT2 artemis device
NT2 extrap-t2 device
NT2 hbtX devices
NT2 mst device
NT2 rfx device
NT2 tpe-1rm15 device
NT2 tpe-rx device
NT2 zt-40 devices
NT2 zt-p devices
NT1 tlp devices
NT2 zeta devices
NT1 toroidal screw pinch devices
NT2 stp-3m device
NT2 tpe-2 device
NT1 toroidal theta pinch devices
NT2 scyllac devices
RT banana regime

toroidal pinch type reactors

INIS: 2000-04-12; ETDE: 1976-09-15
(Prior to July 1985, this was a valid ETDE descriptor.)
USE toroidal pinch devices

TOROIDAL SCREW PINCH DEVICES

*BT1 toroidal pinch devices
NT1 stp-3m device
NT1 tpe-2 device
RT screw pinch

TOROIDAL THETA PINCH DEVICES

*BT1 toroidal pinch devices
NT1 scyllac devices
RT reference theta pinch reactor
RT theta pinch

toronto university slowpoke reactor

INIS: 1993-11-10; ETDE: 2002-06-13
USE slowpoke-toronto reactor

TORQUE

RT torsion

torrey pines triga-mark-3 reactor

2000-04-12
USE triga-3-la jolla reactor

torrey pines triga-mk-3 reactor

INIS: 1993-11-10; ETDE: 2002-06-13
USE triga-3-la jolla reactor

TORSATRON STELLARATORS

1996-03-04
(Prior to December 1990, this was spelled TORSATRON STELLARATOR.)
UF uragan-3 stellarator
*BT1 stellarators
NT1 atf torsatron
NT1 chs torsatron
NT1 tj-iu torsatron
NT1 vint torsatron
RT heliotron
RT lhd device

TORSION

RT deformation
RT springs
RT torque

TORTUS TOKAMAK

INIS: 1991-03-22; ETDE: 1991-04-09
Sydney University, Sydney, Australia.
*BT1 tokamak devices

TORULA

UF torulopsis
*BT1 yeasts

torulopsis

USE torula

torus experiment for technology oriented research

INIS: 1993-11-10; ETDE: 2002-06-13
USE textor tokamak

TORUS-II TOKAMAK

INIS: 1977-02-08; ETDE: 1977-04-13
Device to be built within the EURATOM-CEA Association.
*BT1 tokamak devices

TORY-2A REACTOR

2000-04-12
University of California Lawrence Radiation Laboratory, Mercury Test Site, Mercury, Nevada, USA. Disassembled in 1961.
SF experimental propulsion test reactor
*BT1 air cooled reactors
*BT1 experimental reactors
*BT1 propulsion reactors
*BT1 research reactors
*BT1 test reactors

TORY-2C REACTOR

University of California Lawrence Radiation Laboratory, Nevada Test Site, Mercury, Nevada, USA.

SF experimental propulsion test reactor
*BT1 air cooled reactors
*BT1 experimental reactors
*BT1 propulsion reactors
*BT1 test reactors

tosbac computers

2000-04-12
(Prior to March 1997 this was a valid ETDE descriptor.)
USE computers

TOSCA TOKAMAK

INIS: 1987-06-29; ETDE: 1987-07-09
*BT1 tokamak devices

TOSCO-DYNE PROCESS

INIS: 2000-04-12; ETDE: 1979-01-30
Coal is pyrolyzed to intermediate btu gas, liquid product, and char; the char is converted to low btu gas in fluidized bed gasifier.
*BT1 coal gasification
RT combined-cycle power plants
RT toscal process

TOSCO PROCESS

2000-04-12
Crushed raw shale preheated to approx. 400 degrees F is transported to a pyrolysis drum and mixed with ceramic balls preheated to approx. 1100 degrees F when shale reaches a temperature of approx. 900 degrees F, conversion of the kerogen to hydrocarbon vapors is substantially complete. Pyrolysis vapors are then condensed, fractionated and piped to upgrading facility for refining.
RT oil shales

TOSCOAL PROCESS

2000-04-12
The oil shale corporation pyrolysis process that produces char with a high heating value plus oil and gas. Hot ceramic balls are used as a heat source.
*BT1 coal gasification
RT toscodyne process

TOSHIBA REACTOR

Toshiba, Kawasaki, Kanagawa, Japan.
UF toshiba training reactor
UF ttr-1 toshiba reactor
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 training reactors

toshiba training reactor

USE toshiba reactor

total-absorption spectrometers

2000-04-12
USE shower counters

TOTAL CROSS SECTIONS

Cross sections integrated over all angles and all reaction channels.
BT1 cross sections
RT astrophysical s factor
RT excitation functions
RT pomeranchuk theorem

TOTAL ENERGY SYSTEMS

1982-12-03
Integral energy systems of high efficiency, e.g., a system utilizing gas-fired turbines or engines that produce electrical energy and

utilize exhaust heat in applications such as heating and cooling.

UF integrated utility systems

UF ius

BT1 energy systems

RT cogeneration

RT combined cycles

RT energy conservation

RT energy consumption

RT ices program

RT integrated energy utility systems

RT modular integrated utility systems

RT steam generation plants

TOTAL FLOW SYSTEMS

2000-04-12

Systems in which the total hot well head brine-steam mixture is passed through a mixed-phase expander to drive a turbine and an electric generating system.

BT1 energy systems

RT geothermal energy conversion

RT geothermal power plants

RT rotary separator turbines

RT steam

RT thermodynamic cycles

RT water

TOTAL LOSS OF FEEDWATER

2017-07-18

*BT1 reactor accidents

TOTAL SUSPENDED PARTICULATES

INIS: 1992-07-20; ETDE: 1981-05-18

UF tsp

*BT1 particulates

RT aerosols

RT air pollution

RT dispersions

toughness (fracture)

USE fracture properties

TOURISM

INIS: 1999-05-03; ETDE: 1980-06-06

RT hotels

RT industry

RT recreational areas

RT transport

TOURMALINE

*BT1 silicate minerals

RT aluminium silicates

RT boron silicates

RT dielectric track detectors

TOWER FOCUS COLLECTORS

2000-04-12

*BT1 concentrating collectors

RT advanced components test facility

RT central receiver test facility

RT tower focus power plants

TOWER FOCUS POWER PLANTS

INIS: 1999-10-08; ETDE: 1975-09-11

UF central receiver power plants

UF eurelios solar power plant

*BT1 solar thermal power plants

NT1 barstow solar pilot plant

RT advanced components test facility

RT central receiver test facility

RT central receivers

RT tower focus collectors

tower shielding reactor-1

USE tsr-1 reactor

tower shielding reactor-2

USE tsr-2 reactor

towers

INIS: 2000-04-12; ETDE: 1981-08-21

(Prior to August 1981, this concept in ETDE was indexed by MECHANICAL

STRUCTURES. From August 1981 to June 1992 this was a valid descriptor.)

SEE cooling towers

SEE mechanical structures

SEE power transmission towers

towers (extraction)

USE extraction columns

towers (structures)

ETDE: 2002-06-13

USE mechanical structures

TOWN GAS

1992-07-21

Gas produced by a public utility for general use.

*BT1 intermediate btu gas

RT coal gas

townsend avalanche

USE townsend discharge

TOWNSEND DISCHARGE

UF avalanche multiplication

UF townsend avalanche

UF townsend formula

UF townsend theory

BT1 electric discharges

RT avalanche quenching

townsend formula

USE townsend discharge

townsend process

2000-04-12

Sweetens natural gas by treating it with solution of sulfur dioxide in hygroscopic organic liquid, e.g., diethylene glycol containing no more than 10% water.

(Prior to March 1994, this was a valid ETDE descriptor.)

SEE desulfurization

townsend theory

USE townsend discharge

TOXIC MATERIALS

INIS: 2000-05-17; ETDE: 1977-06-21

(Until March 1992, this concept was indexed by HAZARDOUS MATERIALS.)

*BT1 hazardous materials

NT1 toxins

NT2 endotoxins

NT2 mycotoxins

NT3 aflatoxins

RT chemical warfare agents

RT detoxification

RT heavy metals

RT polychlorinated biphenyls

RT toxicity

toxic substances control act

INIS: 2000-04-12; ETDE: 1980-09-05

USE toxic substances control acts

TOXIC SUBSTANCES CONTROL ACTS

INIS: 1993-03-26; ETDE: 1993-08-17

(Prior to August 1993 this concept in ETDE was indexed to TOXIC SUBSTANCES CONTROL ACT.)

UF toxic substances control act

BT1 laws

RT hazardous materials

RT legislation

TOXICITY

RT acute exposure

RT aflatoxins

RT biological effects

RT chronic exposure

RT detoxification

RT dose-response relationships

RT drugs

RT hazardous materials

RT lethal doses

RT mimosine

RT mycotoxins

RT prenatal exposure

RT quality of life

RT therapeutic doses

RT toxic materials

RT toxins

RT venoms

TOXINS

BT1 antigens

*BT1 toxic materials

NT1 endotoxins

NT1 mycotoxins

NT2 aflatoxins

RT antitoxins

RT bacteria

RT clostridium

RT detoxification

RT radiotoxins

RT toxicity

RT toxoids

RT venoms

TOXOIDS

INIS: 1975-11-07; ETDE: 1975-12-16

RT antibodies

RT immune reactions

RT immunity

RT toxins

tpc

INIS: 1984-04-04; ETDE: 1979-02-23

Time Projection Chambers.

USE time projection chambers

TPE-1RM15 DEVICE

INIS: 1995-10-03; ETDE: 1990-01-03

Electrotechnical Laboratory, Tsukuba, Ibaraki, Japan.

*BT1 reversed-field pinch devices

RT reverse-field pinch

TPE-2 DEVICE

INIS: 1995-09-07; ETDE: 1990-01-03

Electrotechnical Laboratory, Tsukuba, Ibaraki, Japan.

*BT1 toroidal screw pinch devices

TPE-RX DEVICE

INIS: 1999-07-26; ETDE: 1999-09-03

Electrotechnical Laboratory, Tsukuba, Ibaraki, Japan.

*BT1 reversed-field pinch devices

tpo (triphenylphosphine oxide)

ETDE: 2005-02-01

(Prior to January 2005 TPO was a valid descriptor.)

USE triphenylphosphine oxide

TPX DEVICE

INIS: 1994-09-29; ETDE: 1994-08-18

Tokamak Physics Experiment device, Princeton Plasma Physics Laboratory, USA.

*BT1 tokamak devices

TR-0 REACTOR

Tezkovodni Reaktor nuloveho výkonu.

Decommissioned since 1982.

UF czechoslovak tr-0 reactor

- UF rez tr-0 reactor
 *BT1 heavy water moderated reactors
 *BT1 zero power reactors

TR-1 REACTOR

Cekmece Nuclear Research and Training Centre, Turkish Atomic Energy Authority, Istanbul, Turkey. shutdown in 1977. TR-2 installed in reactor pool.

- UF turkish reactor-1
 *BT1 enriched uranium reactors
 *BT1 isotope production reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 training reactors

TR-2 REACTOR

1991-07-02

Cekmece Nuclear Research and Training Centre, Turkish Atomic Energy Authority, Istanbul, Turkey.

- UF turkish reactor-2
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

TRABECULAR BONE

- *BT1 bone tissues
 RT bone marrow

TRACE AMOUNTS

1995-06-21

- UF trace elements
 RT carrier-free isotopes
 RT crystal doping
 RT doped materials
 RT impurities
 RT inclusions
 RT ion implantation
 RT microanalysis

trace elements

1995-06-21

Coordinate TRACE AMOUNTS with the descriptor ELEMENTS or with descriptors for specific elements.

- USE elements
 USE trace amounts

TRACER TECHNIQUES

- SF radioactive tracers
 BT1 isotope applications
 NT1 dual-isotope subtraction technique
 NT1 isotope dilution
 NT1 labelled pool techniques
 NT1 radioactive tracer logging
 NT1 radioimmunodetection
 NT2 radioimmunoassay
 NT2 radioimmunoscintigraphy
 NT1 radioreceptor assay
 RT autoradiography
 RT biological markers
 RT crime detection
 RT diagnosis
 RT diagnostic techniques
 RT dynamic function studies
 RT labelled compounds
 RT nuclear medicine
 RT radio-release analysis
 RT radiobiology
 RT radionuclide kinetics
 RT radionuclide migration
 RT radiopharmaceuticals
 RT renography

TRACHEA

- BT1 respiratory system
 RT intratracheal administration
 RT mediastinum

TRACHYTES

- INIS: 2000-04-12; ETDE: 1980-08-12
 *BT1 volcanic rocks
 RT perlite

track detectors (dielectric)

- USE dielectric track detectors

track detectors (gas)

- USE gas track detectors

track detectors (photographic)

- USE photographic film detectors

TRACKLESS VEHICLES

- INIS: 2000-04-12; ETDE: 1979-06-06
 UF free steered vehicles
 UF shuttle cars
 UF trolleybuses
 BT1 vehicles

tracks

- USE particle tracks

tract c-a prototype oil shale project

- INIS: 2000-04-12; ETDE: 1976-03-11
 USE rio blanco oil shale project

TRACY REACTOR

- INIS: 2001-09-25; ETDE: 2001-11-30
JAERI, Tokai, Ibaraki, Japan. Under decommissioning since 2018.
 UF transient experiment critical facility
 *BT1 enriched uranium reactors
 *BT1 plutonium reactors
 *BT1 zero power reactors
 RT stacy reactor

TRADE

(From February 1979 till May 1996 NET TRADE was a valid ETDE descriptor.)

- UF commerce
 UF net trade
 NT1 exports
 NT1 imports
 NT1 nuclear trade
 RT business
 RT cartels
 RT commercial sector
 RT competition
 RT domestic supplies
 RT economics
 RT embargoes
 RT foreign exchange rate
 RT globalization
 RT international relations
 RT market
 RT monopolies
 RT oil-importing countries
 RT receipts
 RT sales
 RT small businesses
 RT supply and demand
 RT tariffs
 RT taxes

trade (nuclear)

- INIS: 2000-04-12; ETDE: 1978-03-03
 USE nuclear trade

TRADESCANTIA

- *BT1 liliopsida

TRAFFIC CONTROL

- INIS: 1992-05-04; ETDE: 1978-01-23
Control of vehicular traffic.
 BT1 control
 RT vehicles

trailers

- INIS: 2000-04-12; ETDE: 1982-02-11
 (Prior to March 1997 this was a valid ETDE descriptor.)
 SEE vehicles

TRAINING

INIS: 2000-03-28; ETDE: 1980-10-07
Development or upgrading of a particular skill, usually by intensive or specialized methods; for broad, more leisurely instruction, use EDUCATION.

- UF job training
 UF vocational training
 BT1 education
 NT1 e-learning
 RT educational tools
 RT learning
 RT manpower

training facilities

- INIS: 1983-06-30; ETDE: 2002-06-13
 USE educational facilities

TRAINING REACTORS

- *BT1 research and test reactors
 NT1 aerojet-general nucleonics reactors
 NT2 agn 201 costanza
 NT2 agn-201k reactor
 NT1 aftri reactor
 NT1 ai-l-77 reactor
 NT1 akr-1 reactor
 NT1 apsara reactor
 NT1 arbi reactor
 NT1 argonaut reactor
 NT1 argos reactor
 NT1 athene reactor
 NT1 atpr reactor
 NT1 bgrr reactor
 NT1 budapest training reactor
 NT1 byu l-77 reactor
 NT1 cesnef reactor
 NT1 cirus reactor
 NT1 colorado triga-mk-3 reactor
 NT1 consort-2 reactor
 NT1 cornell triga-mk-2 reactor
 NT1 dow triga-mk-1 reactor
 NT1 dr-1 reactor
 NT1 entc lwsr reactor
 NT1 es-salam reactor
 NT1 fir-1 reactor
 NT1 fnr reactor
 NT1 fr-0 reactor
 NT1 frf reactor
 NT1 frg-1 reactor
 NT1 gleep reactor
 NT1 gtr reactor
 NT1 gulf triga-mk-3 reactor
 NT1 hor reactor
 NT1 htr reactor
 NT1 ian-r1 reactor
 NT1 ill high flux reactor
 NT1 iowa utr-10 reactor
 NT1 ir-100 reactor
 NT1 jason reactor
 NT1 jrr-1 reactor
 NT1 kur reactor
 NT1 lfr reactor
 NT1 melusine-1 reactor
 NT1 merlin reactor
 NT1 mitr reactor
 NT1 moata reactor
 NT1 murr reactor
 NT1 ncscr-1 reactor
 NT1 nevada university reactor
 NT1 nscr reactor
 NT1 nuclear chicago reactor
 NT1 ostr reactor
 NT1 osur reactor
 NT1 prnc-l-77 reactor

NT1 psbr reactor
NT1 pur-1 reactor
NT1 queen mary college utr-b reactor
NT1 r-b reactor
NT1 ra-1 reactor
NT1 rien-1 reactor
NT1 rts-1 reactor
NT1 rv-1 reactor
NT1 sr-3p reactor
NT1 src-utr-100 reactor
NT1 stark reactor
NT1 strasbourg-cronenbourg reactor
NT1 sur-100 series reactor
NT1 thetis reactor
NT1 thor reactor
NT1 toshiba reactor
NT1 tr-1 reactor
NT1 trico ii reactor
NT1 trico reactor
NT1 triga-1-michigan reactor
NT1 triga-2-pavia reactor
NT1 trr-1 reactor
NT1 ucbr reactor
NT1 ufr reactor
NT1 ulyse reactor
NT1 umne-1 reactor
NT1 umrr reactor
NT1 urr reactor
NT1 utr-10-kinki reactor
NT1 uvar reactor
NT1 uwnr reactor
NT1 uwtr reactor
NT1 vpi-utr-10 reactor
NT1 vr-1 reactor
NT1 wntr reactor
NT1 wpir reactor
NT1 wwr-s-budapest reactor
NT1 x-10 reactor
NT1 zlfr reactor
NT1 zpr reactor

training-research reactor kyoto

1993-11-10

USE kur reactor

TRAINS

1993-03-25

BT1 vehicles
NT1 levitated trains
NT1 locomotives
RT electric railways
RT occupants
RT piston effect
RT railroad cars
RT railways
RT rapid transit systems
RT transportation systems

TRAJECTORIES

RT beam dynamics
RT limit cycle
RT motion
RT orbits
RT particle tracks

TRAMEX PROCESS

***BT1** reprocessing
RT amines
RT solvent extraction

TRANQUILIZERS

UF promazine
UF tranquillizers
***BT1** psychotropic drugs
NT1 chlorpromazine
NT1 reserpine
RT hypnotics and sedatives
RT phenothiazines

tranquillizers

USE tranquillizers

trans 104 element compounds

1996-07-18

(Prior to March 2004 this was a valid descriptor.)

USE transactinide compounds

trans 104 elements

(Prior to March 2004 this was a valid descriptor.)

USE transactinide elements

TRANSACTINIDE COMPLEXES

2011-10-25

***BT1** transplutonium complexes

NT1 rutherfordium complexes

TRANSACTINIDE COMPOUNDS

2004-03-12

(Prior to March 2004 ELEMENT 104 COMPOUNDS + TRANS 104 ELEMENT COMPOUNDS was used for these compounds.)

UF trans 104 element compounds

***BT1** transplutonium compounds

NT1 bohrium compounds

NT1 copernicium compounds

NT1 darmstadtium compounds

NT1 dubnium compounds

NT1 flerovium compounds

NT1 hassium compounds

NT1 meitnerium compounds

NT1 nihonium compounds

NT1 roentgenium compounds

NT1 rutherfordium compounds

NT2 rutherfordium halides

NT3 rutherfordium chlorides

NT1 seaborgium compounds

TRANSACTINIDE ELEMENTS

2004-03-12

Elements with $Z > 103$.

(Prior to March 2004 ELEMENT 104 + TRANS 104 ELEMENTS was used for these elements.)

UF superheavy elements

UF trans 104 elements

UF transactinides

***BT1** transplutonium elements

NT1 bohrium

NT1 copernicium

NT1 darmstadtium

NT1 dubnium

NT1 element 119

NT1 element 120

NT1 element 124

NT1 element 126

NT1 element 128

NT1 element 134

NT1 element 145

NT1 element 164

NT1 element 173

NT1 flerovium

NT1 hassium

NT1 livermorium

NT1 meitnerium

NT1 moscovium

NT1 nihonium

NT1 oganesson

NT1 roentgenium

NT1 rutherfordium

NT1 seaborgium

NT1 tennessine

transactinides

2004-03-12

USE transactinide elements

transage 117

2000-04-12

(Prior to February 1995, this was a valid ETDE descriptor.)

USE titanium base alloys

transage 120

2000-04-12

(Prior to February 1995, this was a valid ETDE descriptor.)

USE titanium base alloys

transage 129

2000-04-12

(Prior to May 2001, this was a valid ETDE descriptor.)

USE titanium base alloys

USE vanadium alloys

USE zirconium alloys

transage 134

2000-04-12

(Prior to February 1995, this was a valid ETDE descriptor.)

USE titanium base alloys

USE vanadium alloys

USE zirconium alloys

transage 175

INIS: 2000-04-12; ETDE: 1986-11-20

(Prior to February 1995, this was a valid ETDE descriptor.)

USE tin alloys

USE titanium base alloys

USE vanadium alloys

transalaska pipeline

INIS: 1992-06-04; ETDE: 1976-11-17

USE alaska oil pipeline

transaminases

USE aminotransferases

transboundary pollution

INIS: 2000-04-12; ETDE: 1980-03-29

USE transfrontier pollution

TRANSCRIPTION

INIS: 1981-09-18; ETDE: 1976-06-07

The formation of messenger RNA from DNA. The process of transmitting information in a gene into a messenger RNA molecule which can leave the cell nucleus and move to the site of protein synthesis.

RT dna polymerases

RT dna replication

RT gene regulation

RT gene repressors

RT genes

RT messenger-rna

RT microarray technology

RT post-translation modification

RT rna polymerases

RT transcription factors

TRANSCRIPTION FACTORS

INIS: 1991-10-22; ETDE: 1988-06-27

Proteins that govern which genes RNA polymerases can copy.

***BT1** proteins

RT gene regulation

RT gene repressors

RT nucleoproteins

RT rna polymerases

RT transcription

TRANSDUCERS

NT1 optoelectronic devices

RT electrical equipment

RT measuring instruments

transfer (angular momentum)

INIS: 1978-09-28; ETDE: 2002-06-13
USE angular momentum transfer

transfer (electron)

USE electron transfer

transfer (energy)

USE energy transfer

transfer (environmental radionuclides)

INIS: 1993-11-10; ETDE: 2002-06-13
USE radionuclide migration

transfer (four momentum)

INIS: 1978-02-23; ETDE: 1978-04-28
USE four momentum transfer

transfer (heat)

USE heat transfer

transfer (in environment)

2000-04-12
USE radionuclide migration

transfer (in organism)

2000-04-12
USE radionuclide kinetics

transfer (linear momentum)

USE linear momentum transfer

transfer (mass)

USE mass transfer

transfer (momentum)

INIS: 1978-02-23; ETDE: 1978-11-14
USE momentum transfer

transfer (q-squared)

INIS: 1978-02-23; ETDE: 1978-04-28
USE four momentum transfer

transfer (radionuclides in organisms)

INIS: 1993-11-10; ETDE: 2002-06-13
USE radionuclide kinetics

transfer factors (biological)

INIS: 1989-12-07; ETDE: 2002-06-13
USE ecological concentration

TRANSFER FUNCTIONS

BT1 functions
RT reactor stability
RT real time systems

TRANSFER MATRIX METHOD

BT1 calculation methods
RT cross sections
RT mathematical operators
RT neutron transport theory

TRANSFER NUMBERS

RT electrophoresis

transfer of knowledge

INIS: 1977-11-21; ETDE: 2002-06-13
USE technology transfer

TRANSFER REACTIONS

For nuclear reactions only; see also CHARGE EXCHANGE and ELECTRON TRANSFER.
UF quasi-elastic reactions
*BT1 direct reactions
NT1 multi-nucleon transfer reactions
NT2 four-nucleon transfer reactions
NT3 alpha-transfer reactions
NT2 many-nucleon transfer reactions
NT2 three-nucleon transfer reactions
NT2 two-nucleon transfer reactions
NT1 one-nucleon transfer reactions
NT1 pickup reactions

NT1 stripping
RT incomplete fusion reactions
RT neutron transfer

TRANSFER RNA

*BT1 rna

TRANSFERASES

Code number 2.

*BT1 enzymes
NT1 carbon-group transferases
NT2 methyl transferases
NT1 glycosyl transferases
NT2 hexosyl transferases
NT2 pentosyl transferases
NT3 hypoxanthine phosphoribosyltransferase
NT1 nitrogen transferases
NT2 aminotransferases
NT1 phosphorus-group transferases
NT2 nucleotidyltransferases
NT3 polymerases
NT4 dna polymerases
NT4 rna polymerases
NT2 phosphotransferases
NT3 hexokinase

TRANSFERRIN

*BT1 globulins-beta
*BT1 metalloproteins

TRANSFORMATIONS

UF translation (mathematics)
NT1 baecklund transformation
NT1 canonical transformations
NT2 bogolyubov transformation
NT2 foldy-wouthuysen transform
NT1 galilei transformations
NT1 integral transformations
NT2 fourier transformation
NT2 hankel transform
NT2 hilbert transformation
NT2 laplace transformation
NT2 mellin transform
NT1 lorentz transformations
NT1 melosh transformation
NT1 orthogonal transformations
NT2 moshinsky transformation
NT1 topological mapping
NT2 conformal mapping

transformations (oncogenic)

INIS: 1981-07-06; ETDE: 1981-08-04
USE oncogenic transformations

transformations (phase)

INIS: 2000-04-12; ETDE: 1980-11-08
USE phase transformations

transformer oils

INIS: 2000-04-12; ETDE: 1980-08-12
USE insulating oils

TRANSFORMERS

*BT1 electrical equipment
NT1 gas-insulated transformers
RT dc to dc converters
RT electric coils
RT insulating oils

TRANSFRONTIER CONTAMINATION

INIS: 1976-12-08; ETDE: 1978-03-08
For radioactive contamination only; see also TRANSFRONTIER POLLUTION.
BT1 contamination
RT bilateral agreements
RT contamination regulations
RT environmental transport
RT radionuclide migration
RT transfrontier pollution

TRANSFRONTIER POLLUTION

INIS: 1976-12-08; ETDE: 1980-03-29
For nonradioactive pollution only; for radioactive pollution use TRANSFRONTIER CONTAMINATION.
UF transboundary pollution
BT1 pollution
RT bilateral agreements
RT long-range transport
RT pollution laws
RT pollution regulations
RT transfrontier contamination

TRANSFUSIONS

*BT1 therapy
RT blood
RT blood groups
RT blood substitutes
RT transplants

TRANSGENIC ANIMALS

1992-03-02
BT1 animals
NT1 transgenic mice

TRANSGENIC MICE

1992-03-02
*BT1 mice
*BT1 transgenic animals

TRANSGENIC PLANTS

1996-04-16
Coordinate with the appropriate descriptor to indicate the transgenic species, when given.
BT1 plants

transient experiment critical facility

INIS: 2001-09-25; ETDE: 2001-11-30
USE tracy reactor

transient nuclear test reactor-kiwi

2000-04-12
USE kiwi-tnt reactor

transient overpower

2017-07-18
USE transient overpower accidents

TRANSIENT OVERPOWER ACCIDENTS

INIS: 1979-09-18; ETDE: 1979-03-28
Reactor accidents involving continuous ramp reactivity insertion with steady coolant flow but with loss of protection systems which results in fuel element failure.
UF top accidents
UF transient overpower
*BT1 reactor accidents
RT transients

transient reactor test facility

1993-11-10
USE treat reactor

transient species

INIS: 2000-04-12; ETDE: 1979-08-07
SEE reaction intermediates

TRANSIENTS

NT1 electrical transients
RT atws
RT deep level transient spectroscopy
RT overcurrent
RT overvoltage
RT peaks
RT pressurization
RT steady-state conditions
RT sudden approximation
RT surges
RT temperature noise
RT transient overpower accidents
RT variations

TRANSISTOR AMPLIFIERS

*BT1 amplifiers
RT transistors

TRANSISTOR OSCILLATORS

*BT1 oscillators
RT pulse circuits
RT transistors

TRANSISTOR SWITCHING CIRCUITS

*BT1 switching circuits
RT switching diodes

TRANSISTOR TRIGGER CIRCUITS

*BT1 trigger circuits

TRANSISTORS

UF diode transistors
BT1 semiconductor devices
NT1 field effect transistors
NT2 mosfet
NT1 junction transistors
NT1 mis transistors
NT1 mos transistors
NT2 mosfet
NT1 phototransistors
NT1 surface barrier transistors
RT electronic circuits
RT transistor amplifiers
RT transistor oscillators

transit-time heating

INIS: 1984-04-04; ETDE: 2002-06-13
USE transit-time magnetic pumping

TRANSIT-TIME MAGNETIC PUMPING

Transit-time magnetic pumping heating.
UF transit-time heating
UF ttmp
*BT1 magnetic-pumping heating
RT fast magnetoacoustic waves
RT landau damping

TRANSITION AMPLITUDES

INIS: 1975-12-09; ETDE: 1976-08-25
BT1 amplitudes
NT1 decay amplitudes

TRANSITION BOILING

*BT1 boiling

TRANSITION ELEMENT ALLOYS

1995-10-11
(From November 1983 until March 1992 this was indexed using the descriptors for the specific alloys or the broader term ALLOYS.)

BT1 alloys
NT1 chromium alloys
NT2 alloy-b-1900
NT2 alloy-co36cr22ni22w15fe3
NT3 haynes 188 alloy
NT2 alloy-co43cr20fe18ni13w3
NT3 havar
NT2 alloy-co54cr20w15ni10
NT3 alloy-hs-25
NT3 haynes 25 alloy
NT2 alloy-co60cr30w4
NT3 stellite 6
NT2 alloy-d-979
NT2 alloy-fe40ni35cr22
NT2 alloy-fe44ni33cr21
NT3 incoloy 800h
NT2 alloy-fe46ni33cr21
NT3 incoloy 800
NT3 incoloy 802
NT2 alloy-in-102
NT2 alloy-khn50mbvyu
NT2 alloy-mar-m246
NT2 alloy-mn-21

NT2 alloy-mo-re-1
NT2 alloy-mp35n
NT2 alloy-ni41fe40cr16nb3
NT3 inconel 706
NT2 alloy-ni43fe30cr22mo3
NT3 incoloy 825
NT2 alloy-ni43fe33cr16mo3
NT3 nimonic pe16
NT2 alloy-ni45fe34cr20
NT2 alloy-ni46cr23co19ti5al4
NT3 alloy-in-939
NT2 alloy-ni49cr22fe18mo9
NT3 hastelloy x
NT2 alloy-ni50co20cr15al5mo5
NT3 nimonic 105
NT2 alloy-ni50cr22fe18mo9
NT3 hastelloy xr
NT2 alloy-ni50mo32cr15si3
NT2 alloy-ni51cr48
NT3 inconel 671
NT2 alloy-ni53cr19fe19nb5mo3
NT3 inconel 718
NT2 alloy-ni54cr22co13mo9
NT3 inconel 617
NT2 alloy-ni54mo17cr16fe6w4
NT3 hastelloy c
NT2 alloy-ni55co17cr15mo5al4ti4
NT3 astroloy
NT2 alloy-ni55cr19co11mo10ti3
NT3 rene 41
NT2 alloy-ni58cr20co14mo4ti3
NT3 waspaloy
NT2 alloy-ni59cr20co17ti2
NT2 alloy-ni59cr30fe9
NT3 inconel 690
NT2 alloy-ni60co15cr10al6ti5mo3
NT3 alloy-in-100
NT2 alloy-ni60fe24cr16
NT3 nichrome
NT2 alloy-ni61cr16co9al3ti3w3
NT3 alloy-in-738
NT2 alloy-ni61cr22mo9nb4fe3
NT3 inconel 625
NT2 alloy-ni61cr23fe14
NT2 alloy-ni62cr16mo15fe3
NT3 hastelloy s
NT2 alloy-ni65cr25mo10
NT3 nimonic 86
NT2 alloy-ni70mo17cr7fe5
NT3 hastelloy n
NT3 inor-8
NT2 alloy-ni73cr15fe7ti3
NT3 inconel x750
NT2 alloy-ni73cr20mn3nb3
NT3 inconel 82
NT2 alloy-ni74cr13al6mo4
NT3 inconel 713c
NT2 alloy-ni75cr12al6mo5
NT3 inconel 713lc
NT2 alloy-ni76cr15fe8
NT3 inconel 600
NT2 alloy-ni76cr20ti2
NT3 nimonic 80a
NT2 alloy-ni77cr20ti2
NT2 alloy-ni78cr21
NT2 alloy-ni80cr20
NT2 alloy-ra-333
NT2 alloy-s-590
NT2 alloy-s-816
NT2 alloy-ti78cr11mo7al3
NT2 alloy-ti88mo8al3
NT2 alloy-ti91al5cr2
NT2 alloy-v-36
NT2 alloy-v87cr9fe3
NT2 ascology
NT2 chromium additions
NT3 alloy-ni65mo28fe5
NT4 hastelloy b
NT3 alloy-zr98sn-2

NT4 zircaloy 2
NT3 alloy-zr98sn-4
NT4 zircaloy 4
NT3 steel-crmo
NT3 steel-crni
NT3 steel-mncumo
NT4 steel-astm-a537
NT3 steel-ni3cr
NT3 steel-nicr
NT3 steel-nicrmo
NT3 steel-nimocr
NT2 chromium base alloys
NT3 alloy-mo-re-2
NT2 chromium-nickel steels
NT3 alloy-d-9
NT3 carpenter
NT3 chromium-nickel-molybdenum steels
NT4 alloy-m-813
NT4 steel-cr11ni10mo2ti-l
NT4 steel-cr15ni15motib
NT4 steel-cr16ni13monbv
NT4 steel-cr16ni15mo3nb
NT4 steel-cr16ni16monb
NT4 steel-cr16ni8mo2
NT5 stainless steel-16-8-2
NT4 steel-cr16ni9mo2
NT4 steel-cr17ni12mo3
NT5 stainless steel-316
NT4 steel-cr17ni12mo3-l
NT5 stainless steel-316l
NT5 stainless steel-zcnd17-13
NT4 steel-cr17ni12monb
NT4 steel-cr17ni13mo2ti
NT4 steel-cr17ni13mo3ti
NT4 steel-ni26cr15ti2mova1b
NT5 alloy-a-286
NT3 durco
NT3 enduro
NT3 stainless steel-17-7ph
NT3 stainless steel-303
NT3 stainless steel-329
NT3 stainless steel-ph-15-7-mo
NT3 steel-cr17ni13
NT3 steel-cr17ni7
NT4 stainless steel-301
NT3 steel-cr18ni10
NT4 stainless steel-18-10
NT3 steel-cr18ni10-l
NT3 steel-cr18ni10ti
NT4 stainless steel-321
NT3 steel-cr18ni11
NT4 steel-x6crni1811
NT3 steel-cr18ni11nb
NT4 stainless steel-347
NT3 steel-cr18ni11nbco
NT4 stainless steel-348
NT3 steel-cr18ni12
NT4 stainless steel-305
NT3 steel-cr18ni12ti
NT3 steel-cr18ni8
NT4 stainless steel-18-8
NT3 steel-cr18ni9
NT4 stainless steel-302
NT3 steel-cr18ni9ti
NT3 steel-cr19ni10
NT4 stainless steel-304
NT3 steel-cr19ni10-l
NT4 stainless steel-304l
NT3 steel-cr20ni11
NT4 stainless steel-308
NT3 steel-cr20ni11-l
NT4 stainless steel-308l
NT3 steel-cr23ni14
NT4 stainless steel-309
NT4 stainless steel-309s
NT3 steel-cr23ni18
NT3 steel-cr25ni20
NT4 alloy-hk-40

NT4 stainless steel-310
NT3 steel-ni25cr20
NT4 stainless steel-20-25
NT3 steel-ni36cr12ti3al-l
NT3 timken alloys
NT2 chromium steels
NT3 chromium-molybdenum steels
NT4 chromium-nickel-molybdenum steels
NT5 alloy-m-813
NT5 steel-cr11ni10mo2ti-l
NT5 steel-cr15ni15motib
NT5 steel-cr16ni13monbv
NT5 steel-cr16ni15mo3nb
NT5 steel-cr16ni16monb
NT5 steel-cr16ni8mo2
NT6 stainless steel-16-8-2
NT5 steel-cr16ni9mo2
NT5 steel-cr17ni12mo3
NT6 stainless steel-316
NT5 steel-cr17ni12mo3-l
NT6 stainless steel-316l
NT6 stainless steel-zcnd17-13
NT5 steel-cr17ni12monb
NT5 steel-cr17ni13mo2ti
NT5 steel-cr17ni13mo3ti
NT5 steel-ni26cr15ti2movalb
NT6 alloy-a-286
NT3 magnet steel-ks
NT3 miduale
NT3 stainless steel-406
NT3 steel-cr10mo2
NT3 steel-cr12
NT4 stainless steel-403
NT3 steel-cr12moniv
NT3 steel-cr12mov
NT4 alloy-ht-9
NT3 steel-cr13
NT4 stainless steel-410
NT3 steel-cr13al
NT4 stainless steel-405
NT3 steel-cr16
NT4 stainless steel-430
NT3 steel-cr16ni
NT3 steel-cr17cu4ni4nb-l
NT4 stainless steel-17-4ph
NT3 steel-cr17mo
NT4 stainless steel-440
NT3 steel-cr17ni4mo3
NT3 steel-cr18
NT3 steel-cr25
NT4 stainless steel-446
NT3 steel-cr9mo
NT3 steel-cr9monbv
NT2 colmonoy
NT2 discaloy
NT2 ge 2541
NT2 hoskins 875
NT2 illium
NT2 incoloy 901
NT2 kanthal
NT2 konel
NT2 magnesium alloy-zr
NT2 misco metal
NT2 ni-hard
NT2 ni-o-nel
NT2 microbraz 50
NT2 nimonic 115
NT2 rene-100
NT2 rene 80
NT2 rene 95
NT2 sicromo 9m
NT2 steel-cd-4mcu
NT2 steel-cr21mn9ni6
NT3 stainless steel-21-6-9
NT2 steel-cr2mo
NT3 steel-astm-a542
NT2 steel-cr2moninb
NT2 steel-cr2mov

NT2 steel-cr2nimov
NT2 steel-cr5mo
NT2 steel-cralnimo
NT2 steel-crmov
NT2 steel-ni3crmo
NT3 steel-astm-a543
NT2 steel-ni3crmov
NT2 steel-ni4crw
NT2 supertherm
NT2 sweetalloy
NT2 td-nickel chromium
NT2 tophet
NT2 tribaloy 400
NT2 tribaloy 800
NT2 udimet alloys
NT3 alloy-ni53co19cr15mo5al4ti3
NT4 udimet 700
NT3 udimet 500
NT2 vitallium
NT1 cobalt alloys
NT2 alloy-b-1900
NT2 alloy-fe44ni33cr21
NT3 incoloy 800h
NT2 alloy-fe53ni29co18
NT3 kovar
NT2 alloy-mar-m246
NT2 alloy-mp35n
NT2 alloy-ni46cr23co19ti5al4
NT3 alloy-in-939
NT2 alloy-ni49cr22fe18mo9
NT3 hastelloy x
NT2 alloy-ni50co20cr15al5mo5
NT3 nimonic 105
NT2 alloy-ni54cr22co13mo9
NT3 inconel 617
NT2 alloy-ni54mo17cr16fe6w4
NT3 hastelloy c
NT2 alloy-ni55co17cr15mo5al4ti4
NT3 astroloy
NT2 alloy-ni55cr19co11mo10ti3
NT3 rene 41
NT2 alloy-ni58cr20co14mo4ti3
NT3 waspaloy
NT2 alloy-ni59cr20co17ti2
NT2 alloy-ni60co15cr10al6ti5mo3
NT3 alloy-in-100
NT2 alloy-ni61cr16co9al3ti3w3
NT3 alloy-in-738
NT2 alloy-ni65mo28fe5
NT3 hastelloy b
NT2 alloy-ra-333
NT2 alloy-s-590
NT2 alloy-s-816
NT2 alloy-v-36
NT2 alloy-yundk 25ba
NT2 alnico alloys
NT2 carboloy
NT2 cobalt additions
NT3 alloy-ni43fe33cr16mo3
NT4 nimonic pe16
NT3 alloy-ni62cr16mo15fe3
NT4 hastelloy s
NT3 steel-cr18ni11nbco
NT4 stainless steel-348
NT2 cobalt base alloys
NT3 alloy-co43cr20fe18ni13w3
NT4 havar
NT3 alloy-co50fe50
NT4 permendur
NT3 alloy-co52fe35v10
NT3 haynes alloys
NT4 alloy-co36cr22ni22w15fe3
NT5 haynes 188 alloy
NT4 alloy-co54cr20w15ni10
NT5 alloy-hs-25
NT5 haynes 25 alloy
NT4 alloy-co60cr30w4
NT5 stellite 6
NT3 mar-m509 alloys

NT3 stellite
NT4 alloy-co54cr20w15ni10
NT5 alloy-hs-25
NT5 haynes 25 alloy
NT4 alloy-co60cr30w4
NT5 stellite 6
NT4 alloy-hs-31
NT3 tribaloy 400
NT3 tribaloy 800
NT2 cunico
NT2 hiperco
NT2 kanthal
NT2 konel
NT2 magnet steel-ks
NT2 nimonic 115
NT2 rene-100
NT2 rene 80
NT2 rene 95
NT2 supertherm
NT2 timken alloys
NT2 udimet alloys
NT3 alloy-ni53co19cr15mo5al4ti3
NT4 udimet 700
NT3 udimet 500
NT2 vitallium
NT1 copper alloys
NT2 alloy-al95cu4
NT3 duralumin
NT2 alloy-ni43fe30cr22mo3
NT3 incoloy 825
NT2 alloy-ni66cu32
NT3 monel 400
NT2 alloy-yundk 25ba
NT2 bondur
NT2 copper additions
NT3 alloy-ni43fe33cr16mo3
NT4 nimonic pe16
NT3 alloy-ni60co15cr10al6ti5mo3
NT4 alloy-in-100
NT3 duranickel
NT3 steel-cr2mov
NT3 steel-cr2nimov
NT3 steel-crmov
NT3 steel-cmi
NT3 steel-mncumo
NT4 steel-astm-a537
NT3 steel-ni3cr
NT3 steel-ni4crw
NT3 steel-nicr
NT3 steel-nicrmo
NT2 copper base alloys
NT3 alloy-cu52ni47
NT4 constantan
NT3 alloy-cu70ni30
NT3 alloy-cu90ni10
NT3 brass
NT4 brass-alpha
NT4 brass-beta
NT3 bronze
NT3 heusler alloys
NT3 manganin
NT3 muntz metal
NT3 nickeline alloy
NT3 ounce metal
NT3 tungsten bronze
NT2 cunico
NT2 heddur
NT2 illium
NT2 lynite
NT2 magnalium
NT2 ni-o-nel
NT2 steel-cd-4mcu
NT2 steel-cr17cu4ni4nb-l
NT3 stainless steel-17-4ph
NT2 steel-in-787
NT2 zamak
NT1 gold alloys
NT2 gold additions
NT2 gold base alloys

NT3 palau
NT1 hafnium alloys
NT2 alloy-c-103
NT2 alloy-ta90w8hf
NT3 tantalum alloy-t111
NT2 hafnium additions
NT3 astar 811c
NT2 hafnium base alloys
NT1 iron alloys
NT2 alloy-co36cr22ni22w15fe3
NT3 haynes 188 alloy
NT2 alloy-co43cr20fe18ni13w3
NT3 havar
NT2 alloy-co52fe35v10
NT2 alloy-co54cr20w15ni10
NT3 alloy-hs-25
NT3 haynes 25 alloy
NT2 alloy-co60cr30w4
NT3 stellite 6
NT2 alloy-hs-31
NT2 alloy-in-102
NT2 alloy-khn50mbvyu
NT2 alloy-mo-re-1
NT2 alloy-ni41fe40cr16nb3
NT3 inconel 706
NT2 alloy-ni43fe30cr22mo3
NT3 incoloy 825
NT2 alloy-ni43fe33cr16mo3
NT3 nimonic pe16
NT2 alloy-ni45fe34cr20
NT2 alloy-ni49cr22fe18mo9
NT3 hastelloy x
NT2 alloy-ni50co20cr15al5mo5
NT3 nimonic 105
NT2 alloy-ni50cr22fe18mo9
NT3 hastelloy xr
NT2 alloy-ni53cr19fe19nb5mo3
NT3 inconel 718
NT2 alloy-ni54mo17cr16fe6w4
NT3 hastelloy c
NT2 alloy-ni58cr20co14mo4ti3
NT3 waspaloy
NT2 alloy-ni59cr20co17ti2
NT2 alloy-ni59cr30fe9
NT3 inconel 690
NT2 alloy-ni60fe24cr16
NT3 nichrome
NT2 alloy-ni61cr22mo9nb4fe3
NT3 inconel 625
NT2 alloy-ni61cr23fe14
NT2 alloy-ni62cr16mo15fe3
NT3 hastelloy s
NT2 alloy-ni66cu32
NT3 monel 400
NT2 alloy-ni70mo17cr7fe5
NT3 hastelloy n
NT3 inor-8
NT2 alloy-ni73cr15fe7ti3
NT3 inconel x750
NT2 alloy-ni76cr15fe8
NT3 inconel 600
NT2 alloy-ni77cr20ti2
NT2 alloy-ni78cr21
NT2 alloy-ni79fe16mo4
NT2 alloy-ra-333
NT2 alloy-s-816
NT2 alloy-v-36
NT2 alloy-v87cr9fe3
NT2 alloy-yundk 25ba
NT2 austenite
NT2 colmonoy
NT2 ferrite
NT2 incoloy 901
NT2 iron additions
NT3 alloy-al95cu4
NT4 duralumin
NT3 alloy-ni46cr23co19ti5al4
NT4 alloy-in-939
NT3 alloy-ni60co15cr10al6ti5mo3

NT4 alloy-in-100
NT3 alloy-ni73cr20mn3nb3
NT4 inconel 82
NT3 alloy-ni80cr20
NT3 alloy-ti88mo8al3
NT3 alloy-ti90al6mo3
NT3 alloy-ti90al6v4
NT3 alloy-ti91al4mo3
NT3 alloy-ti91al5cr2
NT3 alloy-zr98sn-2
NT4 zircaloy 2
NT3 alloy-zr98sn-4
NT4 zircaloy 4
NT3 aludur
NT3 duranickel
NT3 rene 95
NT3 zamak
NT2 iron base alloys
NT3 alloy-co50fe50
NT4 permendur
NT3 alloy-fe40ni35cr22
NT3 alloy-fe44ni33cr21
NT4 incoloy 800h
NT3 alloy-fe46ni33cr21
NT4 incoloy 800
NT4 incoloy 802
NT3 alloy-fe53ni29co18
NT4 kovar
NT3 alnico alloys
NT3 ascology
NT3 cast iron
NT3 discaloy
NT3 duriron
NT3 ge 2541
NT3 hiperco
NT3 hoskins 875
NT3 invar
NT3 kanthal
NT3 sicromo 9m
NT3 steel-cd-4mcu
NT3 steels
NT4 austenitic steels
NT5 steel-cr15ni15motib
NT5 steel-cr16ni13monbv
NT5 steel-cr16ni15mo3nb
NT5 steel-cr16ni16monb
NT5 steel-cr16ni8mo2
NT6 stainless steel-16-8-2
NT5 steel-cr17ni12mo3
NT6 stainless steel-316
NT5 steel-cr17ni12mo3-l
NT6 stainless steel-316l
NT6 stainless steel-zcnd17-13
NT5 steel-cr17ni12monb
NT5 steel-cr17ni13
NT5 steel-cr17ni13mo2ti
NT5 steel-cr17ni13mo3ti
NT5 steel-cr17ni7
NT6 stainless steel-301
NT5 steel-cr18ni10
NT6 stainless steel-18-10
NT5 steel-cr18ni10-l
NT5 steel-cr18ni10ti
NT6 stainless steel-321
NT5 steel-cr18ni11
NT6 steel-x6crni1811
NT5 steel-cr18ni11nb
NT6 stainless steel-347
NT5 steel-cr18ni11nbco
NT6 stainless steel-348
NT5 steel-cr18ni12
NT6 stainless steel-305
NT5 steel-cr18ni12ti
NT5 steel-cr18ni8
NT6 stainless steel-18-8
NT5 steel-cr18ni9
NT6 stainless steel-302
NT5 steel-cr18ni9ti
NT5 steel-cr19ni10

NT6 stainless steel-304
NT5 steel-cr19ni10-l
NT6 stainless steel-304l
NT5 steel-cr20ni11
NT6 stainless steel-308
NT5 steel-cr20ni11-l
NT6 stainless steel-308l
NT5 steel-cr21mn9ni6
NT6 stainless steel-21-6-9
NT5 steel-cr23ni14
NT6 stainless steel-309
NT6 stainless steel-309s
NT5 steel-cr23ni18
NT5 steel-cr25ni20
NT6 alloy-hk-40
NT6 stainless steel-310
NT5 steel-ni25cr20
NT6 stainless steel-20-25
NT5 steel-ni26cr15ti2movalb
NT6 alloy-a-286
NT4 carbon steels
NT5 steel-astm-a105
NT5 steel-astm-a106
NT5 steel-astm-a212
NT5 steel-astm-a285
NT5 steel-astm-a516
NT5 steel-astm-a533-b
NT5 steel-in-787
NT5 steel-sae-1045
NT4 croloy
NT5 steel-cr13
NT6 stainless steel-410
NT5 steel-cr16
NT6 stainless steel-430
NT5 steel-cr18ni10
NT6 stainless steel-18-10
NT5 steel-cr2mo
NT6 steel-astm-a542
NT5 steel-cr5mo
NT4 ferritic steels
NT5 steel-cr12moniv
NT5 steel-cr13al
NT6 stainless steel-405
NT5 steel-cr16
NT6 stainless steel-430
NT5 steel-cr25
NT6 stainless steel-446
NT5 steel-cr9mo
NT5 steel-cr9monbv
NT4 high alloy steels
NT5 stainless steels
NT6 chromium-nickel steels
NT7 alloy-d-9
NT7 carpenter
NT7 chromium-nickel-molybdenum steels
NT8 alloy-m-813
NT8 steel-cr11ni10mo2ti-l
NT8 steel-cr15ni15motib
NT8 steel-cr16ni13monbv
NT8 steel-cr16ni15mo3nb
NT8 steel-cr16ni16monb
NT8 steel-cr16ni8mo2
NT9 stainless steel-16-8-2
NT8 steel-cr16ni9mo2
NT8 steel-cr17ni12mo3
NT9 stainless steel-316
NT8 steel-cr17ni12mo3-l
NT9 stainless steel-316l
NT9 stainless steel-zcnd17-13
NT8 steel-cr17ni12monb
NT8 steel-cr17ni13mo2ti
NT8 steel-cr17ni13mo3ti
NT8 steel-ni26cr15ti2movalb
NT9 alloy-a-286
NT7 durco
NT7 enduro
NT7 stainless steel-17-7ph
NT7 stainless steel-303

NT7 stainless steel-329	NT8 stainless steel-405	NT5 steel-cr17mo
NT7 stainless steel-ph-15-7-mo	NT7 steel-cr16	NT6 stainless steel-440
NT7 steel-cr17ni13	NT8 stainless steel-430	NT5 steel-cr18
NT7 steel-cr17ni7	NT7 steel-cr16ni	NT4 nickel steels
NT8 stainless steel-301	NT7 steel-cr17cu4ni4nb-l	NT5 sweetalloy
NT7 steel-cr18ni10	NT8 stainless steel-17-4ph	NT4 steel-astm-a572
NT8 stainless steel-18-10	NT7 steel-cr17mo	NT2 konel
NT7 steel-cr18ni10-l	NT8 stainless steel-440	NT2 lynite
NT7 steel-cr18ni10ti	NT7 steel-cr17ni4mo3	NT2 martensite
NT8 stainless steel-321	NT7 steel-cr18	NT2 misco metal
NT7 steel-cr18ni11	NT7 steel-cr25	NT2 ni-hard
NT8 steel-x6crni1811	NT8 stainless steel-446	NT2 orthonol
NT7 steel-cr18ni11nb	NT7 steel-cr9mo	NT2 permalloy
NT8 stainless steel-347	NT7 steel-cr9monbv	NT2 rene 41
NT7 steel-cr18ni11nbco	NT6 low carbon-high alloy steels	NT2 supertherm
NT8 stainless steel-348	NT7 steel-cr11ni10mo2ti-l	NT2 tribaloy 400
NT7 steel-cr18ni12	NT7 steel-cr17cu4ni4nb-l	NT2 tribaloy 800
NT8 stainless steel-305	NT8 stainless steel-17-4ph	NT1 manganese alloys
NT7 steel-cr18ni12ti	NT7 steel-cr17ni12mo3-l	NT2 alloy-co43cr20fe18ni13w3
NT7 steel-cr18ni8	NT8 stainless steel-316l	NT3 havar
NT8 stainless steel-18-8	NT8 stainless steel-zcnd17-13	NT2 alloy-mo-re-1
NT7 steel-cr18ni9	NT7 steel-cr18ni10-l	NT2 alloy-ni73cr20mn3nb3
NT8 stainless steel-302	NT7 steel-cr19ni10-l	NT3 inconel 82
NT7 steel-cr18ni9ti	NT8 stainless steel-304l	NT2 alloy-ni94mn3al2
NT7 steel-cr19ni10	NT7 steel-cr20ni11-l	NT3 aludel
NT8 stainless steel-304	NT8 stainless steel-308l	NT2 alloy-s-816
NT7 steel-cr19ni10-l	NT7 steel-ni36cr12ti3al-l	NT2 heusler alloys
NT8 stainless steel-304l	NT6 stainless steel-317	NT2 manganese additions
NT7 steel-cr20ni11	NT6 stainless steel-318	NT3 alloy-al95cu4
NT8 stainless steel-308	NT6 stainless steel-422	NT4 duralumin
NT7 steel-cr20ni11-l	NT6 stainless steel-fv-548	NT3 alloy-fe40ni35cr22
NT8 stainless steel-308l	NT6 stainless steel-jbk-75	NT3 alloy-fe53ni29co18
NT7 steel-cr23ni14	NT6 stainless steel m-50	NT4 kovar
NT8 stainless steel-309	NT6 steel-cr21mn9ni6	NT3 alloy-hs-31
NT8 stainless steel-309s	NT7 stainless steel-21-6-9	NT3 alloy-n28t3
NT7 steel-cr23ni18	NT6 sweetalloy	NT3 alloy-ni66cu32
NT7 steel-cr25ni20	NT4 low alloy steels	NT4 monel 400
NT8 alloy-hk-40	NT5 steel-astm-a350	NT3 alloy-ni78cr21
NT8 stainless steel-310	NT5 steel-astm-a387	NT3 alloy-v-36
NT7 steel-ni25cr20	NT5 steel-astm-a508	NT3 ascology
NT8 stainless steel-20-25	NT5 steel-astm-a533	NT3 bondur
NT7 steel-ni36cr12ti3al-l	NT5 steel-cr2mo	NT3 discaloy
NT7 timken alloys	NT6 steel-astm-a542	NT3 duranickel
NT6 chromium steels	NT5 steel-cr2moninb	NT3 duriron
NT7 chromium-molybdenum steels	NT5 steel-cr2mov	NT3 magnesium alloy-az31b
NT8 chromium-nickel-molybdenum steels	NT5 steel-cr2nimov	NT3 miduale
NT9 alloy-m-813	NT5 steel-cr5mo	NT3 ni-hard
NT9 steel-cr11ni10mo2ti-l	NT5 steel-cralnimo	NT3 steel-cr16ni9mo2
NT9 steel-cr15ni15motib	NT5 steel-crmo	NT2 manganese base alloys
NT9 steel-cr16ni13monbv	NT5 steel-crmov	NT2 manganese steels
NT9 steel-cr16ni15mo3nb	NT5 steel-mncumo	NT2 manganin
NT9 steel-cr16ni16monb	NT6 steel-astm-a537	NT2 stainless steel-zcnd17-13
NT9 steel-cr16ni8mo2	NT5 steel-mnmno	NT2 steel-cr21mn9ni6
NT10 stainless steel-16-8-2	NT6 steel-astm-a302	NT3 stainless steel-21-6-9
NT9 steel-cr16ni9mo2	NT5 steel-mnnimo	NT2 steel-mncumo
NT9 steel-cr17ni12mo3	NT6 steel-astm-a533-b	NT3 steel-astm-a537
NT10 stainless steel-316	NT5 steel-mnnimov	NT2 steel-mnmno
NT9 steel-cr17ni12mo3-l	NT5 steel-ni3cr	NT3 steel-astm-a302
NT10 stainless steel-316l	NT5 steel-ni3crmo	NT2 steel-mnnimo
NT10 stainless steel-zcnd17-13	NT6 steel-astm-a543	NT3 steel-astm-a533-b
NT9 steel-cr17ni12monb	NT5 steel-ni3crmov	NT2 steel-mnnimov
NT9 steel-cr17ni13mo2ti	NT5 steel-ni4crw	NT1 molybdenum alloys
NT9 steel-cr17ni13mo3ti	NT5 steel-nicr	NT2 alloy-b-1900
NT9 steel-ni26cr15ti2moyalb	NT5 steel-nicrmo	NT2 alloy-co43cr20fe18ni13w3
NT10 alloy-a-286	NT5 steel-nimocr	NT3 havar
NT7 magnet steel-ks	NT4 manganese steels	NT2 alloy-d-979
NT7 miduale	NT4 martensitic steels	NT2 alloy-in-102
NT7 stainless steel-406	NT5 maraging steels	NT2 alloy-khn50mbvyu
NT7 steel-cr10mo2	NT5 steel-cr10mo2	NT2 alloy-mar-m246
NT7 steel-cr12	NT5 steel-cr12	NT2 alloy-mn-21
NT8 stainless steel-403	NT6 stainless steel-403	NT2 alloy-mp35n
NT7 steel-cr12moniv	NT5 steel-cr12mov	NT2 alloy-n-10m
NT7 steel-cr12mov	NT6 alloy-ht-9	NT2 alloy-n-9m
NT8 alloy-ht-9	NT5 steel-cr13	NT2 alloy-ni43fe30cr22mo3
NT7 steel-cr13	NT6 stainless steel-410	NT3 incoloy 825
NT8 stainless steel-410	NT5 steel-cr16ni	NT2 alloy-ni43fe33cr16mo3
NT7 steel-cr13al	NT5 steel-cr17cu4ni4nb-l	NT3 nimonic pe16
	NT6 stainless steel-17-4ph	NT2 alloy-ni49cr22fe18mo9
		NT3 hastelloy x

NT2 alloy-ni50co20cr15al5mo5
NT3 nimonic 105
NT2 alloy-ni50cr22fe18mo9
NT3 hastelloy xr
NT2 alloy-ni50mo32cr15si3
NT2 alloy-ni53cr19fe19nb5mo3
NT3 inconel 718
NT2 alloy-ni54cr22co13mo9
NT3 inconel 617
NT2 alloy-ni54mo17cr16fe6w4
NT3 hastelloy c
NT2 alloy-ni55co17cr15mo5al4ti4
NT3 astroloy
NT2 alloy-ni55cr19co11mo10ti3
NT3 rene 41
NT2 alloy-ni58cr20co14mo4ti3
NT3 waspaloy
NT2 alloy-ni60co15cr10al6ti5mo3
NT3 alloy-in-100
NT2 alloy-ni61cr16co9al3ti3w3
NT3 alloy-in-738
NT2 alloy-ni61cr22mo9nb4fe3
NT3 inconel 625
NT2 alloy-ni62cr16mo15fe3
NT3 hastelloy s
NT2 alloy-ni65cr25mo10
NT3 nimonic 86
NT2 alloy-ni70mo17cr7fe5
NT3 hastelloy n
NT3 inor-8
NT2 alloy-ni74cr13al6mo4
NT3 inconel 713c
NT2 alloy-ni75cr12al6mo5
NT3 inconel 713lc
NT2 alloy-ni79fe16mo4
NT2 alloy-nx-188
NT2 alloy-ra-333
NT2 alloy-s-590
NT2 alloy-s-816
NT2 alloy-ti78cr11mo7al3
NT2 alloy-ti88mo8al3
NT2 alloy-ti89al6mo3
NT2 alloy-ti90al6mo3
NT2 alloy-ti90mo7al2
NT2 alloy-ti91al4mo3
NT2 alloy-ti91al5cr2
NT2 alloy-v-36
NT2 chlorimet
NT2 chromium-molybdenum steels
NT3 chromium-nickel-molybdenum steels
NT4 alloy-m-813
NT4 steel-cr11ni10mo2ti-l
NT4 steel-cr15ni15motib
NT4 steel-cr16ni13monbv
NT4 steel-cr16ni15mo3nb
NT4 steel-cr16ni16monb
NT4 steel-cr16ni8mo2
NT5 stainless steel-16-8-2
NT4 steel-cr16ni9mo2
NT4 steel-cr17ni12mo3
NT5 stainless steel-316
NT5 stainless steel-316l
NT5 stainless steel-zcnd17-13
NT4 steel-cr17ni12monb
NT4 steel-cr17ni13mo2ti
NT4 steel-cr17ni13mo3ti
NT4 steel-ni26cr15ti2movalb
NT5 alloy-a-286
NT2 discaloy
NT2 illium
NT2 incoloy 901
NT2 molybdenum additions
NT3 alloy-ti90al6
NT3 steel-cr12moniv
NT3 steel-cr12mov
NT4 alloy-ht-9
NT3 steel-cr17mo

NT4 stainless steel-440
NT3 steel-cr2mo
NT4 steel-astm-a542
NT3 steel-cr2moninb
NT3 steel-cr2mov
NT3 steel-cr2nimov
NT3 steel-cr5mo
NT3 steel-cr9mo
NT3 steel-cralnimo
NT3 steel-crmo
NT3 steel-crmov
NT3 steel-mncumo
NT4 steel-astm-a537
NT3 steel-mnmo
NT4 steel-astm-a302
NT3 steel-mnnimo
NT4 steel-astm-a533-b
NT3 steel-mnnimov
NT3 steel-ni3crmo
NT4 steel-astm-a543
NT3 steel-ni3crmov
NT3 steel-nicrmo
NT3 steel-nimocr
NT2 molybdenum base alloys
NT3 alloy-mo99
NT4 alloy-tzm
NT4 alloy-zm-2a
NT3 alloy-mo99b
NT2 ni-o-nel
NT2 nimonic 115
NT2 rene-100
NT2 rene 80
NT2 rene 95
NT2 sicromo 9m
NT2 stainless steel m-50
NT2 steel-cd-4mcu
NT2 steel-cr10mo2
NT2 steel-cr17ni4mo3
NT2 steel-cr9monbv
NT2 steel-in-787
NT2 timken alloys
NT2 tribaloy 400
NT2 tribaloy 800
NT2 udimet alloys
NT3 alloy-ni53co19cr15mo5al4ti3
NT4 udimet 700
NT3 udimet 500
NT2 vitallium
NT1 nickel alloys
NT2 alloy-co36cr22ni22w15fe3
NT3 haynes 188 alloy
NT2 alloy-co43cr20fe18ni13w3
NT3 havar
NT2 alloy-co54cr20w15ni10
NT3 alloy-hs-25
NT3 haynes 25 alloy
NT2 alloy-co60cr30w4
NT3 stellite 6
NT2 alloy-cu52ni47
NT3 constantan
NT2 alloy-d-979
NT2 alloy-fe40ni35cr22
NT2 alloy-fe44ni33cr21
NT3 incoloy 800h
NT2 alloy-fe46ni33cr21
NT3 incoloy 800
NT3 incoloy 802
NT2 alloy-fe53ni29co18
NT3 kovar
NT2 alloy-hs-31
NT2 alloy-mo-re-1
NT2 alloy-mp35n
NT2 alloy-n28t3
NT2 alloy-s-590
NT2 alloy-s-816
NT2 alloy-v-36
NT2 alloy-yundk 25ba
NT2 alnico alloys
NT2 ascology

NT2 chromium-nickel steels
NT3 alloy-d-9
NT3 carpenter
NT3 chromium-nickel-molybdenum steels
NT4 alloy-m-813
NT4 steel-cr11ni10mo2ti-l
NT4 steel-cr15ni15motib
NT4 steel-cr16ni13monbv
NT4 steel-cr16ni15mo3nb
NT4 steel-cr16ni16monb
NT4 steel-cr16ni8mo2
NT5 stainless steel-16-8-2
NT4 steel-cr16ni9mo2
NT4 steel-cr17ni12mo3
NT5 stainless steel-316
NT4 steel-cr17ni12mo3-l
NT5 stainless steel-316l
NT5 stainless steel-zcnd17-13
NT4 steel-cr17ni12monb
NT4 steel-cr17ni13mo2ti
NT4 steel-cr17ni13mo3ti
NT4 steel-ni26cr15ti2movalb
NT5 alloy-a-286
NT3 durco
NT3 enduro
NT3 stainless steel-17-7ph
NT3 stainless steel-303
NT3 stainless steel-329
NT3 stainless steel-ph-15-7-mo
NT3 steel-cr17ni13
NT3 steel-cr17ni7
NT4 stainless steel-301
NT3 steel-cr18ni10
NT4 stainless steel-18-10
NT3 steel-cr18ni10-l
NT3 steel-cr18ni10ti
NT4 stainless steel-321
NT3 steel-cr18ni11
NT4 steel-x6crni1811
NT3 steel-cr18ni11nb
NT4 stainless steel-347
NT3 steel-cr18ni11nbco
NT4 stainless steel-348
NT3 steel-cr18ni12
NT4 stainless steel-305
NT3 steel-cr18ni12ti
NT3 steel-cr18ni8
NT4 stainless steel-18-8
NT3 steel-cr18ni9
NT4 stainless steel-302
NT3 steel-cr18ni9ti
NT3 steel-cr19ni10
NT4 stainless steel-304
NT3 steel-cr19ni10-l
NT4 stainless steel-304l
NT3 steel-cr20ni11
NT4 stainless steel-308
NT3 steel-cr20ni11-l
NT4 stainless steel-308l
NT3 steel-cr23ni14
NT4 stainless steel-309
NT4 stainless steel-309s
NT3 steel-cr23ni18
NT3 steel-cr25ni20
NT4 alloy-hk-40
NT4 stainless steel-310
NT3 steel-ni25cr20
NT4 stainless steel-20-25
NT3 steel-ni36cr12ti3al-l
NT3 timken alloys
NT2 cunico
NT2 discaloy
NT2 invar
NT2 manganin
NT2 misco metal
NT2 ni-hard
NT2 ni-o-nel
NT2 nickel additions

NT3 alloy-zr98sn-2
NT4 zircaloy 2
NT3 ounce metal
NT3 steel-cr12moniv
NT3 steel-cr2moninb
NT3 steel-cr2mov
NT3 steel-cralnimo
NT3 steel-crmo
NT3 steel-crmov
NT3 steel-cmi
NT3 steel-mncumo
NT4 steel-astm-a537
NT3 steel-mnnimo
NT4 steel-astm-a533-b
NT3 steel-nimocr
NT2 nickel base alloys
NT3 alloy-b-1900
NT3 alloy-in-102
NT3 alloy-in-853
NT3 alloy-mar-m246
NT3 alloy-mn-21
NT3 alloy-mo-re-2
NT3 alloy-ni43fe30cr22mo3
NT4 incoloy 825
NT3 alloy-ni45fe34cr20
NT3 alloy-ni50mo32cr15si3
NT3 alloy-ni55co17cr15mo5al4ti4
NT4 astroloy
NT3 alloy-ni55cr19co11mo10ti3
NT4 rene 41
NT3 alloy-ni58cr20co14mo4ti3
NT4 waspaloy
NT3 alloy-ni77cr20ti2
NT3 alloy-ni78cr21
NT3 alloy-ni79fe16mo4
NT3 alloy-ni94mn3al2
NT4 alumei
NT3 alloy-nx-188
NT3 alloy-ra-333
NT3 chlorimet
NT3 chromel
NT4 alloy-ni60fe24cr16
NT5 nichrome
NT4 alloy-ni80cr20
NT3 colmonoy
NT3 duranickel
NT3 hastelloys
NT4 alloy-ni49cr22fe18mo9
NT5 hastelloy x
NT4 alloy-ni50cr22fe18mo9
NT5 hastelloy xr
NT4 alloy-ni54mo17cr16fe6w4
NT5 hastelloy c
NT4 alloy-ni62cr16mo15fe3
NT5 hastelloy s
NT4 alloy-ni65mo28fe5
NT5 hastelloy b
NT4 alloy-ni70mo17cr7fe5
NT5 hastelloy n
NT5 inor-8
NT3 illium
NT3 incoloy 901
NT3 inconel alloys
NT4 alloy-ni41fe40cr16nb3
NT5 inconel 706
NT4 alloy-ni46cr23co19ti5al4
NT5 alloy-in-939
NT4 alloy-ni51cr48
NT5 inconel 671
NT4 alloy-ni53cr19fe19nb5mo3
NT5 inconel 718
NT4 alloy-ni54cr22co13mo9
NT5 inconel 617
NT4 alloy-ni59cr30fe9
NT5 inconel 690
NT4 alloy-ni60co15cr10al6ti5mo3
NT5 alloy-in-100
NT4 alloy-ni61cr16co9al3ti3w3
NT5 alloy-in-738

NT4 alloy-ni61cr22mo9nb4fe3
NT5 inconel 625
NT4 alloy-ni61cr23fe14
NT4 alloy-ni73cr15fe7ti3
NT5 inconel x750
NT4 alloy-ni73cr20mn3nb3
NT5 inconel 82
NT4 alloy-ni74cr13al6mo4
NT5 inconel 713c
NT4 alloy-ni75cr12al6mo5
NT5 inconel 713lc
NT4 alloy-ni76cr15fe8
NT5 inconel 600
NT4 inconel 700
NT4 inconel 738
NT4 inconel 739
NT3 konel
NT3 monel
NT4 alloy-ni66cu32
NT5 monel 400
NT3 microbraz 50
NT3 nimonic
NT4 alloy-ni43fe33cr16mo3
NT5 nimonic pe16
NT4 alloy-ni50co20cr15al5mo5
NT5 nimonic 105
NT4 alloy-ni59cr20co17ti2
NT4 alloy-ni65cr25mo10
NT5 nimonic 86
NT4 alloy-ni76cr15fe8
NT5 inconel 600
NT4 alloy-ni76cr20ti2
NT5 nimonic 80a
NT4 nimonic 115
NT4 nimonic 115a
NT3 rene-100
NT3 rene 80
NT3 rene 95
NT3 td-nickel chromium
NT3 tophet
NT3 udimet alloys
NT4 alloy-ni53co19cr15mo5al4ti3
NT5 udimet 700
NT4 udimet 500
NT2 nickel steels
NT3 sweetalloy
NT2 nickeline alloy
NT2 orthonol
NT2 permalloy
NT2 stainless steel-jbk-75
NT2 steel-cd-4mcu
NT2 steel-cr16ni
NT2 steel-cr17cu4ni4nb-l
NT3 stainless steel-17-4ph
NT2 steel-cr17ni4mo3
NT2 steel-cr21mn9ni6
NT3 stainless steel-21-6-9
NT2 steel-cr2nimov
NT2 steel-in-787
NT2 steel-mnnimov
NT2 steel-ni3cr
NT2 steel-ni3crmo
NT3 steel-astm-a543
NT2 steel-ni3crmov
NT2 steel-ni4crw
NT2 steel-nicr
NT2 steel-nicrmo
NT2 supertherm
NT1 niobium alloys
NT2 alloy-in-102
NT2 alloy-khn50mbvyu
NT2 alloy-mn-21
NT2 alloy-ni41fe40cr16nb3
NT3 inconel 706
NT2 alloy-ni53cr19fe19nb5mo3
NT3 inconel 718
NT2 alloy-ni61cr22mo9nb4fe3
NT3 inconel 625
NT2 alloy-ni73cr20mn3nb3

NT3 inconel 82
NT2 alloy-ni74cr13al6mo4
NT3 inconel 713c
NT2 alloy-ni75cr12al6mo5
NT3 inconel 713lc
NT2 alloy-s-590
NT2 alloy-s-816
NT2 alloy-u90nb7zr3
NT2 alloy-v-36
NT2 alloy-zr97nb3
NT2 niobium additions
NT3 alloy-ni45fe34cr20
NT3 alloy-ni46cr23co19ti5al4
NT4 alloy-in-939
NT3 alloy-ni61cr16co9al3ti3w3
NT4 alloy-in-738
NT3 alloy-ni73cr15fe7ti3
NT4 inconel x750
NT3 alloy-yundk 25ba
NT3 steel-cr16ni13monbv
NT3 steel-cr16ni15mo3nb
NT3 steel-cr16ni16monb
NT3 steel-cr17cu4ni4nb-l
NT4 stainless steel-17-4ph
NT3 steel-cr17ni12monb
NT3 steel-cr18ni11nb
NT4 stainless steel-347
NT3 steel-cr18ni11nbco
NT4 stainless steel-348
NT3 steel-cr2moninb
NT3 steel-cr9monbv
NT2 niobium base alloys
NT3 alloy-c-103
NT3 alloy-n-10m
NT3 alloy-n-9m
NT3 alloy-nt25a5
NT2 rene 95
NT2 steel-in-787
NT1 platinum metal alloys
NT2 iridium alloys
NT3 iridium additions
NT3 iridium base alloys
NT2 osmium alloys
NT3 osmium additions
NT3 osmium base alloys
NT2 palladium alloys
NT3 palau
NT3 palladium base alloys
NT2 platinum alloys
NT3 platinum base alloys
NT2 rhodium alloys
NT3 rhodium additions
NT3 rhodium base alloys
NT2 ruthenium alloys
NT3 ruthenium additions
NT3 ruthenium base alloys
NT1 rhenium alloys
NT2 rhenium additions
NT2 rhenium base alloys
NT1 scandium alloys
NT2 scandium additions
NT2 scandium base alloys
NT1 silver alloys
NT2 silver additions
NT2 silver base alloys
NT1 tantalum alloys
NT2 alloy-b-1900
NT2 alloy-c-103
NT2 alloy-mar-m246
NT2 alloy-ni46cr23co19ti5al4
NT3 alloy-in-939
NT2 alloy-ni61cr16co9al3ti3w3
NT3 alloy-in-738
NT2 alloy-s-816
NT2 alloy-v-36
NT2 carboloy
NT2 tantalum additions
NT3 alloy-n-10m
NT2 tantalum base alloys

NT3 alloy-ta90w8hf
 NT4 tantalum alloy-t111
 NT3 astar 811c
 NT3 tantalum alloy-t222
 NT1 technetium alloys
 NT2 technetium additions
 NT2 technetium base alloys
 NT1 titanium alloys
 NT2 alloy-b-1900
 NT2 alloy-c-103
 NT2 alloy-d-979
 NT2 alloy-in-853
 NT2 alloy-m-813
 NT2 alloy-mar-m246
 NT2 alloy-n28t3
 NT2 alloy-ni41fe40cr16nb3
 NT3 inconel 706
 NT2 alloy-ni43fe33cr16mo3
 NT3 nimonic pe16
 NT2 alloy-ni46cr23co19ti5al4
 NT3 alloy-in-939
 NT2 alloy-ni50co20cr15al5mo5
 NT3 nimonic 105
 NT2 alloy-ni55co17cr15mo5al4ti4
 NT3 astroloy
 NT2 alloy-ni55cr19co11mo10ti3
 NT3 rene 41
 NT2 alloy-ni58cr20co14mo4ti3
 NT3 waspaloy
 NT2 alloy-ni59cr20co17ti2
 NT2 alloy-ni60co15cr10al6ti5mo3
 NT3 alloy-in-100
 NT2 alloy-ni61cr16co9al3ti3w3
 NT3 alloy-in-738
 NT2 alloy-ni73cr15fe7ti3
 NT3 inconel x750
 NT2 alloy-ni76cr20ti2
 NT3 nimonic 80a
 NT2 alloy-ni77cr20ti2
 NT2 alloy-nt25a5
 NT2 carboloy
 NT2 discaloy
 NT2 incoloy 901
 NT2 konel
 NT2 ni-o-nel
 NT2 rene-100
 NT2 rene 80
 NT2 rene 95
 NT2 stainless steel-jbk-75
 NT2 steel-cr11ni10mo2ti-l
 NT2 steel-ni26cr15ti2movalb
 NT3 alloy-a-286
 NT2 steel-ni36cr12ti3al-l
 NT2 titanium additions
 NT3 alloy-fe44ni33cr21
 NT4 incoloy 800h
 NT3 alloy-fe46ni33cr21
 NT4 incoloy 800
 NT4 incoloy 802
 NT3 alloy-in-102
 NT3 alloy-mo99
 NT4 alloy-tzm
 NT4 alloy-zm-2a
 NT3 alloy-n-10m
 NT3 alloy-ni43fe30cr22mo3
 NT4 incoloy 825
 NT3 alloy-ni51cr48
 NT4 inconel 671
 NT3 alloy-ni53cr19fe19nb5mo3
 NT4 inconel 718
 NT3 alloy-ni59cr30fe9
 NT4 inconel 690
 NT3 alloy-ni61cr22mo9nb4fe3
 NT4 inconel 625
 NT3 alloy-ni70mo17cr7fe5
 NT4 hastelloy n
 NT4 inor-8
 NT3 alloy-ni73cr20mn3nb3
 NT4 inconel 82

NT3 alloy-ni74cr13al6mo4
 NT4 inconel 713c
 NT3 alloy-ni75cr12al6mo5
 NT4 inconel 713lc
 NT3 alloy-ni76cr15fe8
 NT4 inconel 600
 NT3 alloy-ni78cr21
 NT3 duranickel
 NT3 steel-cr15ni15motib
 NT3 steel-cr17ni13mo2ti
 NT3 steel-cr17ni13mo3ti
 NT3 steel-cr18ni10ti
 NT4 stainless steel-321
 NT3 steel-cr18ni12ti
 NT3 steel-cr18ni9ti
 NT2 titanium base alloys
 NT3 alloy-ti78cr11mo7al3
 NT3 alloy-ti88mo8al3
 NT3 alloy-ti89al6mo3
 NT3 alloy-ti90al6
 NT3 alloy-ti90al6mo3
 NT3 alloy-ti90al6v4
 NT3 alloy-ti90mo7al2
 NT3 alloy-ti91al4mo3
 NT3 alloy-ti91al5cr2
 NT3 alloy-ti99
 NT2 udimet alloys
 NT3 alloy-ni53co19cr15mo5al4ti3
 NT4 udimet 700
 NT3 udimet 500
 NT1 tungsten alloys
 NT2 alloy-c-103
 NT2 alloy-co36cr22ni22w15fe3
 NT3 haynes 188 alloy
 NT2 alloy-co43cr20fe18ni13w3
 NT3 havar
 NT2 alloy-co54cr20w15ni10
 NT3 alloy-hs-25
 NT3 haynes 25 alloy
 NT2 alloy-co60cr30w4
 NT3 stellite 6
 NT2 alloy-d-979
 NT2 alloy-in-102
 NT2 alloy-khn50mbvyu
 NT2 alloy-mar-m246
 NT2 alloy-mn-21
 NT2 alloy-mo-re-1
 NT2 alloy-ni54mo17cr16fe6w4
 NT3 hastelloy c
 NT2 alloy-ni61cr16co9al3ti3w3
 NT3 alloy-in-738
 NT2 alloy-ra-333
 NT2 alloy-s-590
 NT2 alloy-s-816
 NT2 alloy-ta90w8hf
 NT3 tantalum alloy-t111
 NT2 alloy-v-36
 NT2 astar 811c
 NT2 carboloy
 NT2 magnet steel-ks
 NT2 miduale
 NT2 rene 80
 NT2 rene 95
 NT2 supertherm
 NT2 tungsten additions
 NT3 alloy-ni49cr22fe18mo9
 NT4 hastelloy x
 NT3 alloy-ni50cr22fe18mo9
 NT4 hastelloy xr
 NT3 alloy-ni62cr16mo15fe3
 NT4 hastelloy s
 NT3 steel-ni4crw
 NT2 tungsten base alloys
 NT3 alloy-mo-re-2
 NT2 tungsten bronze
 NT2 udimet 500
 NT1 vanadium alloys
 NT2 alloy-co52fe35v10
 NT2 alloy-ti90al6v4

NT2 alloy-ti91al4mo3
 NT2 vanadium additions
 NT3 alloy-ni54mo17cr16fe6w4
 NT4 hastelloy c
 NT3 alloy-ni60co15cr10al6ti5mo3
 NT4 alloy-in-100
 NT3 alloy-ni62cr16mo15fe3
 NT4 hastelloy s
 NT3 alloy-ni65mo28fe5
 NT4 hastelloy b
 NT3 alloy-ti90al6
 NT3 steel-cr12moniv
 NT3 steel-cr12mov
 NT4 alloy-ht-9
 NT3 steel-cr16ni13monbv
 NT3 steel-cr2mov
 NT3 steel-cr2nimov
 NT3 steel-cr9monbv
 NT3 steel-crmov
 NT3 steel-mnnimov
 NT3 steel-ni26cr15ti2movalb
 NT4 alloy-a-286
 NT3 steel-ni3crmo
 NT4 steel-astm-a543
 NT3 steel-ni3crmov
 NT2 vanadium base alloys
 NT3 alloy-v87cr9fe3
 NT1 yttrium alloys
 NT2 alloy-c-103
 NT2 ge 2541
 NT2 yttrium base alloys
 NT1 zirconium alloys
 NT2 alloy-c-103
 NT2 alloy-ti89al6mo3
 NT2 alloy-ti90al6
 NT2 alloy-u90nb7zr3
 NT2 alloy-v87cr9fe3
 NT2 zirconium additions
 NT3 alloy-in-102
 NT3 alloy-mo99
 NT4 alloy-tzm
 NT4 alloy-zm-2a
 NT3 alloy-mo99b
 NT3 alloy-n-10m
 NT3 alloy-n-9m
 NT3 alloy-ni43fe33cr16mo3
 NT4 nimonic pe16
 NT3 alloy-ni46cr23co19ti5al4
 NT4 alloy-in-939
 NT3 alloy-ni55co17cr15mo5al4ti4
 NT4 astroloy
 NT3 alloy-ni58cr20co14mo4ti3
 NT4 waspaloy
 NT3 alloy-ni59cr20co17ti2
 NT3 alloy-ni60co15cr10al6ti5mo3
 NT4 alloy-in-100
 NT3 alloy-ni61cr16co9al3ti3w3
 NT4 alloy-in-738
 NT3 alloy-ni74cr13al6mo4
 NT4 inconel 713c
 NT3 alloy-ni75cr12al6mo5
 NT4 inconel 713lc
 NT3 alloy-ni76cr20ti2
 NT4 nimonic 80a
 NT3 magnesium alloy-ek
 NT3 magnesium alloy-ez
 NT3 magnesium alloy-hk31a
 NT3 rene 80
 NT3 rene 95
 NT2 zirconium base alloys
 NT3 alloy-zr97nb3
 NT3 zircaloy
 NT4 alloy-zr98sn-2
 NT5 zircaloy 2
 NT4 alloy-zr98sn-4
 NT5 zircaloy 4

TRANSITION ELEMENT COMPLEXES

BT1 complexes
 NT1 chromium complexes
 NT1 cobalt complexes
 NT1 copper complexes
 NT2 ceruloplasmin
 NT1 gold complexes
 NT1 hafnium complexes
 NT1 iridium complexes
 NT1 iron complexes
 NT2 ferricyanides
 NT2 ferritin
 NT2 ferrocene
 NT2 ferrocyanides
 NT1 manganese complexes
 NT1 molybdenum complexes
 NT1 nickel complexes
 NT1 niobium complexes
 NT1 osmium complexes
 NT1 palladium complexes
 NT1 platinum complexes
 NT1 rhenium complexes
 NT1 rhodium complexes
 NT1 ruthenium complexes
 NT1 scandium complexes
 NT1 silver complexes
 NT1 tantalum complexes
 NT1 technetium complexes
 NT1 titanium complexes
 NT1 tungsten complexes
 NT1 vanadium complexes
 NT1 yttrium complexes
 NT1 zirconium complexes

TRANSITION ELEMENT COMPOUNDS

UF group *iva* metal compounds
 UF group *va* metal compounds
 UF group *via* metal compounds
 NT1 chromium compounds
 NT2 chromates
 NT2 chromic acid
 NT2 chromites
 NT2 chromium borides
 NT2 chromium carbides
 NT2 chromium halides
 NT3 chromium bromides
 NT3 chromium chlorides
 NT3 chromium fluorides
 NT3 chromium iodides
 NT2 chromium hydrides
 NT2 chromium hydroxides
 NT2 chromium nitrates
 NT2 chromium nitrides
 NT2 chromium oxides
 NT2 chromium perchlorates
 NT2 chromium phosphates
 NT2 chromium selenides
 NT2 chromium silicates
 NT2 chromium silicides
 NT2 chromium sulfates
 NT2 chromium sulfides
 NT2 chromium tellurides
 NT2 dichromates
 NT1 cobalt compounds
 NT2 cobalt arsenides
 NT2 cobalt borides
 NT2 cobalt carbides
 NT2 cobalt carbonates
 NT2 cobalt halides
 NT3 cobalt bromides
 NT3 cobalt chlorides
 NT3 cobalt fluorides
 NT3 cobalt iodides
 NT2 cobalt hydrides
 NT2 cobalt hydroxides
 NT2 cobalt nitrates
 NT2 cobalt oxides

NT2 cobalt perchlorates
 NT2 cobalt phosphates
 NT2 cobalt phosphides
 NT2 cobalt selenides
 NT2 cobalt silicates
 NT2 cobalt silicides
 NT2 cobalt sulfates
 NT2 cobalt sulfides
 NT2 cobalt tellurides
 NT2 cobalt tungstates
 NT1 copper compounds
 NT2 copper arsenides
 NT2 copper borides
 NT2 copper carbides
 NT2 copper carbonates
 NT2 copper halides
 NT3 copper bromides
 NT3 copper chlorides
 NT3 copper fluorides
 NT3 copper iodides
 NT2 copper hydrides
 NT2 copper hydroxides
 NT2 copper nitrates
 NT2 copper nitrides
 NT2 copper oxides
 NT2 copper perchlorates
 NT2 copper phosphates
 NT2 copper phosphides
 NT2 copper selenides
 NT2 copper silicates
 NT2 copper silicides
 NT2 copper sulfates
 NT2 copper sulfides
 NT2 copper tellurides
 NT2 copper tungstates
 NT2 cuprates
 NT1 gold compounds
 NT2 gold halides
 NT3 gold bromides
 NT3 gold chlorides
 NT3 gold fluorides
 NT3 gold iodides
 NT2 gold hydrides
 NT2 gold oxides
 NT2 gold silicides
 NT2 gold tellurides
 NT1 hafnium compounds
 NT2 hafnates
 NT2 hafnium arsenides
 NT2 hafnium borides
 NT2 hafnium carbides
 NT2 hafnium halides
 NT3 hafnium bromides
 NT3 hafnium chlorides
 NT3 hafnium fluorides
 NT3 hafnium iodides
 NT2 hafnium hydrides
 NT2 hafnium hydroxides
 NT2 hafnium nitrates
 NT2 hafnium nitrides
 NT2 hafnium oxides
 NT2 hafnium perchlorates
 NT2 hafnium phosphates
 NT2 hafnium phosphides
 NT2 hafnium selenides
 NT2 hafnium silicates
 NT2 hafnium silicides
 NT2 hafnium sulfates
 NT2 hafnium sulfides
 NT2 hafnium tellurides
 NT2 hafnium tungstates
 NT1 iridium compounds
 NT2 iridium borides
 NT2 iridium carbides
 NT2 iridium halides
 NT3 iridium chlorides
 NT3 iridium fluorides
 NT2 iridium hydrides
 NT2 iridium nitrides

NT2 iridium oxides
 NT2 iridium silicides
 NT2 iridium sulfates
 NT2 iridium tellurides
 NT1 iron compounds
 NT2 ferrates
 NT2 ferrites
 NT2 iron arsenides
 NT2 iron borides
 NT2 iron carbides
 NT3 cementite
 NT3 ni-hard
 NT2 iron carbonates
 NT2 iron halides
 NT3 iron bromides
 NT3 iron chlorides
 NT3 iron fluorides
 NT2 iron hydrides
 NT2 iron hydroxides
 NT2 iron nitrates
 NT2 iron nitrides
 NT2 iron oxides
 NT2 iron perchlorates
 NT2 iron phosphates
 NT2 iron phosphides
 NT2 iron selenides
 NT2 iron silicates
 NT2 iron silicides
 NT2 iron sulfates
 NT2 iron sulfides
 NT2 iron tellurides
 NT2 iron tungstates
 NT1 manganese compounds
 NT2 manganates
 NT2 manganese arsenides
 NT2 manganese borides
 NT2 manganese carbides
 NT2 manganese carbonates
 NT2 manganese halides
 NT3 manganese bromides
 NT3 manganese chlorides
 NT3 manganese fluorides
 NT3 manganese iodides
 NT2 manganese hydrides
 NT2 manganese hydroxides
 NT2 manganese nitrates
 NT2 manganese nitrides
 NT2 manganese oxides
 NT2 manganese perchlorates
 NT2 manganese phosphates
 NT2 manganese phosphides
 NT2 manganese selenides
 NT2 manganese silicates
 NT2 manganese silicides
 NT2 manganese sulfates
 NT2 manganese sulfides
 NT2 manganese tellurides
 NT2 manganese tungstates
 NT2 permanganates
 NT1 molybdenum compounds
 NT2 molybdates
 NT2 molybdenum arsenides
 NT2 molybdenum borides
 NT2 molybdenum carbides
 NT2 molybdenum carbonates
 NT2 molybdenum halides
 NT3 molybdenum bromides
 NT3 molybdenum chlorides
 NT3 molybdenum fluorides
 NT3 molybdenum iodides
 NT2 molybdenum hydrides
 NT2 molybdenum hydroxides
 NT2 molybdenum nitrates
 NT2 molybdenum nitrides
 NT2 molybdenum oxides
 NT3 molybdenum blue
 NT2 molybdenum phosphates
 NT2 molybdenum phosphides
 NT2 molybdenum selenides

NT2	molybdenum silicates	NT3	palladium iodides	NT2	ruthenium oxides
NT2	molybdenum silicides	NT2	palladium hydrides	NT2	ruthenium phosphides
NT2	molybdenum sulfates	NT2	palladium hydroxides	NT2	ruthenium selenides
NT2	molybdenum sulfides	NT2	palladium nitrates	NT2	ruthenium silicides
NT2	molybdenum tellurides	NT2	palladium nitrides	NT2	ruthenium sulfates
NT2	molybdic acid	NT2	palladium oxides	NT2	ruthenium sulfides
NT2	molybdophosphates	NT2	palladium phosphides	NT2	ruthenium tellurides
NT2	molybdophosphoric acid	NT2	palladium selenides	NT1	scandium compounds
NT1	nickel compounds	NT2	palladium silicides	NT2	scandium borides
NT2	nickel arsenides	NT2	palladium sulfides	NT2	scandium carbides
NT2	nickel borides	NT2	palladium tellurides	NT2	scandium carbonates
NT2	nickel carbides	NT1	platinum compounds	NT2	scandium halides
NT2	nickel carbonates	NT2	platinum arsenides	NT3	scandium bromides
NT2	nickel halides	NT2	platinum carbides	NT3	scandium chlorides
NT3	nickel bromides	NT2	platinum halides	NT3	scandium fluorides
NT3	nickel chlorides	NT3	platinum bromides	NT3	scandium iodides
NT3	nickel fluorides	NT3	platinum chlorides	NT2	scandium hydrides
NT3	nickel iodides	NT3	platinum fluorides	NT2	scandium hydroxides
NT2	nickel hydrides	NT3	platinum iodides	NT2	scandium nitrates
NT2	nickel hydroxides	NT2	platinum hydrides	NT2	scandium nitrides
NT2	nickel nitrates	NT2	platinum hydroxides	NT2	scandium oxides
NT2	nickel nitrides	NT2	platinum nitrides	NT2	scandium perchlorates
NT2	nickel oxides	NT2	platinum oxides	NT2	scandium phosphates
NT2	nickel phosphates	NT2	platinum phosphides	NT2	scandium phosphides
NT2	nickel phosphides	NT2	platinum silicides	NT2	scandium selenides
NT2	nickel selenides	NT2	platinum sulfates	NT2	scandium silicates
NT2	nickel silicates	NT2	platinum sulfides	NT2	scandium silicides
NT2	nickel silicides	NT2	platinum tellurides	NT2	scandium sulfates
NT2	nickel sulfates	NT2	platinum tungstates	NT2	scandium sulfides
NT2	nickel sulfides	NT1	rhenium compounds	NT2	scandium tungstates
NT2	nickel tellurides	NT2	perhenates	NT1	silver compounds
NT2	nickel tungstates	NT2	rhenates	NT2	silver arsenides
NT2	nickelates	NT2	rhenium borides	NT2	silver carbonates
NT1	niobium compounds	NT2	rhenium carbides	NT2	silver halides
NT2	niobates	NT2	rhenium carbonates	NT3	silver bromides
NT2	niobium arsenides	NT2	rhenium halides	NT3	silver chlorides
NT2	niobium borides	NT3	rhenium bromides	NT3	silver fluorides
NT2	niobium bromides	NT3	rhenium chlorides	NT3	silver iodides
NT2	niobium carbides	NT3	rhenium fluorides	NT2	silver hydrides
NT2	niobium chlorides	NT3	rhenium iodides	NT2	silver hydroxides
NT2	niobium fluorides	NT2	rhenium hydrides	NT2	silver nitrates
NT2	niobium halides	NT2	rhenium hydroxides	NT2	silver nitrides
NT3	niobium bromides	NT2	rhenium nitrides	NT2	silver oxides
NT3	niobium chlorides	NT2	rhenium oxides	NT2	silver perchlorates
NT3	niobium fluorides	NT2	rhenium selenides	NT2	silver phosphates
NT3	niobium iodides	NT2	rhenium silicides	NT2	silver selenides
NT2	niobium hydrides	NT2	rhenium sulfates	NT2	silver sulfates
NT2	niobium hydroxides	NT2	rhenium sulfides	NT2	silver sulfides
NT2	niobium iodides	NT2	rhenium tellurides	NT2	silver tellurides
NT2	niobium nitrates	NT1	rhodium compounds	NT2	silver tungstates
NT2	niobium nitrides	NT2	rhodium arsenides	NT1	tantalum compounds
NT2	niobium oxides	NT2	rhodium borides	NT2	tantalates
NT2	niobium phosphates	NT2	rhodium carbides	NT2	tantalum arsenides
NT2	niobium phosphides	NT2	rhodium halides	NT2	tantalum borides
NT2	niobium phosphides	NT3	rhodium bromides	NT2	tantalum carbides
NT2	niobium selenides	NT3	rhodium chlorides	NT2	tantalum halides
NT2	niobium silicates	NT3	rhodium fluorides	NT3	tantalum bromides
NT2	niobium silicides	NT2	rhodium hydrides	NT3	tantalum chlorides
NT2	niobium sulfates	NT2	rhodium hydroxides	NT3	tantalum fluorides
NT2	niobium sulfides	NT2	rhodium nitrates	NT3	tantalum iodides
NT2	niobium tellurides	NT2	rhodium nitrides	NT2	tantalum hydrides
NT1	osmium compounds	NT2	rhodium oxides	NT2	tantalum hydroxides
NT2	osmium borides	NT2	rhodium phosphides	NT2	tantalum nitrides
NT2	osmium carbides	NT2	rhodium selenides	NT2	tantalum oxides
NT2	osmium halides	NT2	rhodium silicides	NT2	tantalum phosphates
NT3	osmium chlorides	NT2	rhodium sulfates	NT2	tantalum phosphides
NT3	osmium fluorides	NT2	rhodium sulfides	NT2	tantalum selenides
NT2	osmium nitrides	NT2	rhodium tellurides	NT2	tantalum silicates
NT2	osmium oxides	NT1	ruthenium compounds	NT2	tantalum silicides
NT2	osmium phosphides	NT2	ruthenium arsenides	NT2	tantalum sulfates
NT2	osmium sulfates	NT2	ruthenium borides	NT2	tantalum sulfides
NT2	osmium sulfides	NT2	ruthenium carbides	NT2	tantalum tellurides
NT1	palladium compounds	NT2	ruthenium halides	NT2	tantalum tungstates
NT2	palladium arsenides	NT3	ruthenium bromides	NT1	technetium compounds
NT2	palladium borides	NT3	ruthenium chlorides	NT2	pertechnetates
NT2	palladium carbides	NT3	ruthenium fluorides	NT2	technetates
NT2	palladium halides	NT2	ruthenium hydrides	NT2	technetium carbides
NT3	palladium bromides	NT2	ruthenium hydroxides	NT2	technetium halides
NT3	palladium chlorides	NT2	ruthenium nitrates	NT3	technetium bromides
NT3	palladium fluorides	NT2	ruthenium nitrides		
		NT2	ruthenium nitrosyls		

NT3 technetium chlorides
 NT3 technetium fluorides
 NT3 technetium iodides
 NT2 technetium hydrides
 NT2 technetium oxides
 NT2 technetium phosphates
 NT2 technetium selenides
 NT2 technetium sulfides
 NT2 technetium tellurides
 NT1 titanium compounds
 NT2 titanates
 NT3 cadmium titanates
 NT3 lithium titanates
 NT3 plzt
 NT3 pzt
 NT3 strontium titanates
 NT2 titanides
 NT2 titanium arsenides
 NT2 titanium borides
 NT2 titanium carbides
 NT2 titanium halides
 NT3 titanium bromides
 NT3 titanium chlorides
 NT3 titanium fluorides
 NT3 titanium iodides
 NT2 titanium hydrides
 NT2 titanium hydroxides
 NT2 titanium nitrates
 NT2 titanium nitrides
 NT2 titanium oxides
 NT2 titanium phosphates
 NT2 titanium phosphides
 NT2 titanium selenides
 NT2 titanium silicates
 NT2 titanium silicides
 NT2 titanium sulfates
 NT2 titanium sulfides
 NT2 titanium tellurides
 NT2 titanium tungstates
 NT1 tungsten compounds
 NT2 tungstates
 NT3 aluminium tungstates
 NT3 ammonium tungstates
 NT3 barium tungstates
 NT3 bismuth tungstates
 NT3 cadmium tungstates
 NT3 calcium tungstates
 NT3 cerium tungstates
 NT3 cesium tungstates
 NT3 cobalt tungstates
 NT3 copper tungstates
 NT3 dysprosium tungstates
 NT3 erbium tungstates
 NT3 gadolinium tungstates
 NT3 hafnium tungstates
 NT3 indium tungstates
 NT3 iron tungstates
 NT3 lanthanum tungstates
 NT3 lead tungstates
 NT3 lithium tungstates
 NT3 lutetium tungstates
 NT3 manganese tungstates
 NT3 neodymium tungstates
 NT3 nickel tungstates
 NT3 potassium tungstates
 NT3 praseodymium tungstates
 NT3 rubidium tungstates
 NT3 samarium tungstates
 NT3 scandium tungstates
 NT3 silver tungstates
 NT3 sodium tungstates
 NT3 strontium tungstates
 NT3 tantalum tungstates
 NT3 thallium tungstates
 NT3 thorium tungstates
 NT3 tin tungstates
 NT3 titanium tungstates
 NT3 uranium tungstates
 NT3 uranyl tungstates

NT3 vanadium tungstates
 NT3 ytterbium tungstates
 NT3 yttrium tungstates
 NT3 zinc tungstates
 NT3 zirconium tungstates
 NT2 tungsten borides
 NT2 tungsten carbides
 NT2 tungsten halides
 NT3 tungsten bromides
 NT3 tungsten chlorides
 NT3 tungsten fluorides
 NT3 tungsten iodides
 NT2 tungsten hydrides
 NT2 tungsten hydroxides
 NT2 tungsten nitrides
 NT2 tungsten oxides
 NT3 sodium tungsten bronze
 NT2 tungsten phosphides
 NT2 tungsten selenides
 NT2 tungsten silicides
 NT2 tungsten sulfides
 NT2 tungsten tellurides
 NT2 tungstophosphates
 NT2 tungstophosphoric acid
 NT1 vanadium compounds
 NT2 vanadates
 NT3 potassium vanadates
 NT3 uranium vanadates
 NT2 vanadium arsenides
 NT2 vanadium borides
 NT2 vanadium carbides
 NT2 vanadium halides
 NT3 vanadium bromides
 NT3 vanadium chlorides
 NT3 vanadium fluorides
 NT3 vanadium iodides
 NT2 vanadium hydrides
 NT2 vanadium hydroxides
 NT2 vanadium nitrates
 NT2 vanadium nitrides
 NT2 vanadium oxides
 NT2 vanadium phosphates
 NT2 vanadium phosphides
 NT2 vanadium selenides
 NT2 vanadium silicates
 NT2 vanadium silicides
 NT2 vanadium sulfates
 NT2 vanadium sulfides
 NT2 vanadium tellurides
 NT2 vanadium tungstates
 NT1 yttrium compounds
 NT2 yttrium arsenides
 NT2 yttrium borides
 NT2 yttrium carbides
 NT2 yttrium carbonates
 NT2 yttrium halides
 NT3 yttrium bromides
 NT3 yttrium chlorides
 NT3 yttrium fluorides
 NT3 yttrium iodides
 NT2 yttrium hydrides
 NT2 yttrium hydroxides
 NT2 yttrium nitrates
 NT2 yttrium nitrides
 NT2 yttrium oxides
 NT3 alloy-in-853
 NT2 yttrium perchlorates
 NT2 yttrium phosphates
 NT2 yttrium phosphides
 NT2 yttrium selenides
 NT2 yttrium silicates
 NT2 yttrium silicides
 NT2 yttrium sulfates
 NT2 yttrium sulfides
 NT2 yttrium tellurides
 NT2 yttrium tungstates
 NT1 zirconium compounds
 NT2 zirconates
 NT3 plzt

NT3 pzt
 NT2 zirconium arsenides
 NT2 zirconium borides
 NT2 zirconium carbides
 NT2 zirconium carbonates
 NT2 zirconium halides
 NT3 zirconium bromides
 NT3 zirconium chlorides
 NT3 zirconium fluorides
 NT3 zirconium iodides
 NT2 zirconium hydrides
 NT2 zirconium hydroxides
 NT2 zirconium nitrates
 NT2 zirconium nitrides
 NT2 zirconium oxides
 NT2 zirconium perchlorates
 NT2 zirconium phosphates
 NT2 zirconium phosphides
 NT2 zirconium selenides
 NT2 zirconium silicates
 NT2 zirconium silicides
 NT2 zirconium sulfates
 NT2 zirconium sulfides
 NT2 zirconium tellurides
 NT2 zirconium tungstates

TRANSITION ELEMENTS

UF *transition metals*

*BT1 metals

NT1 chromium

NT1 cobalt

NT1 copper

NT1 gold

NT1 hafnium

NT2 hafnium-alpha

NT2 hafnium-beta

NT1 iron

NT2 iron-alpha

NT2 iron-delta

NT2 iron-gamma

NT1 manganese

NT2 manganese-alpha

NT1 molybdenum

NT1 nickel

NT1 niobium

NT2 niobium-alpha

NT2 niobium-beta

NT1 platinum metals

NT2 iridium

NT2 osmium

NT2 palladium

NT2 platinum

NT2 rhodium

NT2 ruthenium

NT1 rhenium

NT1 scandium

NT1 silver

NT1 tantalum

NT1 technetium

NT1 titanium

NT2 titanium-alpha

NT2 titanium-beta

NT1 tungsten

NT2 tungsten-alpha

NT1 vanadium

NT1 yttrium

NT1 zirconium

NT2 zirconium-alpha

NT2 zirconium-beta

NT2 zirconium-omega

TRANSITION FLOW

BT1 fluid flow

TRANSITION HEAT

UF *heat of transition*

UF *latent heat of transition*

*BT1 enthalpy

NT1 fusion heat

NT1 sublimation heat

NT1 vaporization heat
RT differential thermal analysis
RT phase change materials
RT phase transformations

transition metals

USE transition elements

TRANSITION RADIATION

*BT1 electromagnetic radiation

TRANSITION RADIATION

DETECTORS

For detection of transition radiation emitted by particles going from one medium to another.

*BT1 radiation detectors

TRANSITION TEMPERATURE

UF temperature (transition)

*BT1 thermodynamic properties

NT1 boiling points

NT1 critical temperature

NT1 curie point

NT1 dew point

NT1 lambda point

NT1 melting points

NT1 neel temperature

RT ductile-brittle transitions

RT phase transformations

transitions (brittle-ductile)

1998-10-23

USE brittle-ductile transitions

transitions (ductile-brittle)

USE ductile-brittle transitions

transitions (energy level)

USE energy-level transitions

transitions (forbidden)

USE forbidden transitions

transitions (phase)

USE phase transformations

translation (computer codes)

INIS: 1990-12-07; ETDE: 2002-06-13

USE translators

translation (macromolecules)

INIS: 1990-12-07; ETDE: 2002-06-13

USE biosynthesis

translation (mathematics)

INIS: 1990-12-07; ETDE: 2002-06-13

USE transformations

translation (mechanical)

INIS: 1990-12-07; ETDE: 2002-06-13

USE mechanics

TRANSLATORS

Computer codes translating programs from one programming language into another.

UF translation (computer codes)

BT1 computer codes

RT programming

RT programming languages

TRANSLOCATION

See also RADIOACTIVITY TRANSPORT for the movement of and deposition of radioactive materials throughout a reactor.

RT ions

RT kinetics

RT minerals

RT organic compounds

RT plant sap

RT plants

RT radionuclide migration

RT stable isotopes

TRANSMISSION

Of particles and radiation through matter; see also DATA TRANSMISSION, MECHANICAL TRANSMISSIONS, or POWER TRANSMISSION.

NT1 light transmission

RT absorption

RT attenuation

RT opacity

transmission (data)

USE data transmission

transmission (energy)

INIS: 2000-04-12; ETDE: 1976-05-17

SEE power transmission

transmission (heat)

USE heat transfer

TRANSMISSION ELECTRON MICROSCOPY

INIS: 1982-12-07; ETDE: 1979-01-30

UF tem (microscopy)

*BT1 electron microscopy

transmission lines

INIS: 2000-04-12; ETDE: 1979-03-27

USE power transmission lines

transmission towers

INIS: 2000-04-12; ETDE: 1976-08-05

USE power transmission towers

TRANSMUTATION

2000-03-14

Of nuclides.

UF j-parc tef

UF j-parc transmutation experimental facility

UF nuclear transmutation

NT1 accelerator-driven transmutation

RT breeding

RT isotope production

TRANSONIC FLOW

BT1 fluid flow

RT aerodynamics

RT compressible flow

RT shock waves

RT supersonic flow

transparency

USE opacity

TRANSPIRATION

Plants only.

RT evaporation

RT heat stress

RT leaves

RT physiology

RT plant sap

RT plants

RT stomata

RT water vapor

transpiration (animal)

USE sweat

TRANSPLANTS

NT1 grafts

RT chimeras

RT graft-host reaction

RT host

RT immunity

RT immunosuppression

RT plastic surgery

RT transfusions

transplutonides

INIS: 1975-11-11; ETDE: 2002-06-13

USE transplutonium elements

TRANSPLUTONIUM COMPLEXES

2011-10-25

*BT1 transuranium complexes

NT1 lawrencium complexes

NT1 transactinide complexes

NT2 rutherfordium complexes

TRANSPLUTONIUM COMPOUNDS

1980-05-14

BT1 transuranium compounds

NT1 americium compounds

NT2 americium arsenides

NT2 americium carbides

NT2 americium carbonates

NT2 americium halides

NT3 americium bromides

NT3 americium chlorides

NT3 americium fluorides

NT3 americium iodides

NT2 americium hydrides

NT2 americium hydroxides

NT2 americium nitrates

NT2 americium nitrides

NT2 americium oxides

NT2 americium perchlorates

NT2 americium phosphates

NT2 americium phosphides

NT2 americium selenides

NT2 americium silicates

NT2 americium silicides

NT2 americium sulfates

NT2 americium sulfides

NT2 americium tellurides

NT1 berkelium compounds

NT2 berkelium arsenides

NT2 berkelium halides

NT3 berkelium bromides

NT3 berkelium chlorides

NT3 berkelium fluorides

NT2 berkelium hydrides

NT2 berkelium nitrates

NT2 berkelium nitrides

NT2 berkelium oxides

NT2 berkelium phosphates

NT2 berkelium phosphides

NT2 berkelium selenides

NT2 berkelium sulfates

NT2 berkelium sulfides

NT2 berkelium tellurides

NT1 californium compounds

NT2 californium arsenides

NT2 californium halides

NT3 californium bromides

NT3 californium chlorides

NT3 californium fluorides

NT3 californium iodides

NT2 californium nitrates

NT2 californium nitrides

NT2 californium oxides

NT2 californium selenides

NT2 californium sulfides

NT2 californium tellurides

NT1 curium compounds

NT2 curium arsenides

NT2 curium carbonates

NT2 curium halides

NT3 curium bromides

NT3 curium chlorides

NT3 curium fluorides

NT3 curium iodides

NT2 curium hydrides

NT2 curium hydroxides

NT2 curium nitrates

NT2 curium nitrides

NT2 curium oxides

NT2 curium phosphides

NT2 curium selenides

NT2 curium silicates

NT2 curium sulfides

NT2 curium tellurides
NT1 einsteinium compounds
NT2 einsteinium halides
NT3 einsteinium bromides
NT3 einsteinium chlorides
NT3 einsteinium fluorides
NT3 einsteinium iodides
NT2 einsteinium nitrates
NT2 einsteinium oxides
NT1 fermium compounds
NT2 fermium halides
NT3 fermium bromides
NT3 fermium chlorides
NT3 fermium iodides
NT2 fermium oxides
NT1 lawrencium compounds
NT1 mendelevium compounds
NT2 mendelevium oxides
NT1 nobelium compounds
NT2 nobelium oxides
NT1 transactinide compounds
NT2 bohrium compounds
NT2 copernicium compounds
NT2 darmstadtium compounds
NT2 dubnium compounds
NT2 flerovium compounds
NT2 hassium compounds
NT2 meitnerium compounds
NT2 nihonium compounds
NT2 roentgenium compounds
NT2 rutherfordium compounds
NT3 rutherfordium halides
NT4 rutherfordium chlorides
NT2 seaborgium compounds

TRANSPLUTONIUM ELEMENTS

UF *transplutonides*
***BT1** transuranium elements
NT1 americium
NT1 berkelium
NT1 californium
NT1 curium
NT1 einsteinium
NT1 fermium
NT1 lawrencium
NT1 mendelevium
NT1 nobelium
NT1 transactinide elements
NT2 bohrium
NT2 copernicium
NT2 darmstadtium
NT2 dubnium
NT2 element 119
NT2 element 120
NT2 element 124
NT2 element 126
NT2 element 128
NT2 element 134
NT2 element 145
NT2 element 164
NT2 element 173
NT2 flerovium
NT2 hassium
NT2 livermorium
NT2 meitnerium
NT2 moscovium
NT2 nihonium
NT2 oganesson
NT2 roentgenium
NT2 rutherfordium
NT2 seaborgium
NT2 tennessine
RT actinides

TRANSPORT

Limited to the movement of goods and persons. For other types of transport, see descriptors such as ENVIRONMENTAL TRANSPORT, RADIATION TRANSPORT,

RADIONUCLIDE MIGRATION, and RADIONUCLIDE KINETICS.

UF *shipment*
UF *space transport*
SF *public transport*
SF *travel*
NT1 air transport
NT2 supersonic transport
NT1 hydraulic transport
NT1 land transport
NT2 rail transport
NT2 road transport
NT1 maritime transport
NT1 pneumatic transport
RT arctic gas pipelines
RT barges
RT cargo
RT chain conveyors
RT containers
RT conveyors
RT deep water oil terminals
RT delivery
RT inland waterways
RT lightering
RT mass transit systems
RT materials handling
RT materials handling equipment
RT mine cars
RT navigation
RT nuclear trade
RT packaging
RT packaging rules
RT pipelines
RT propulsion
RT rapid transit systems
RT roads
RT storage
RT tourism
RT transport regulations
RT transportation sector
RT transportation systems
RT vehicles
RT waste transportation

transport (atoms)

1999-03-17
 USE atom transport

transport (beam)

INIS: 1987-11-02; ETDE: 2002-06-13
 USE beam transport

transport (charged-particle)

USE charged-particle transport

transport (energy)

INIS: 2000-04-12; ETDE: 1976-05-17
 SEE natural gas distribution systems
 SEE pipelines
 SEE power transmission

transport (environmental radionuclides)

INIS: 1993-11-10; ETDE: 2002-06-13
 USE radionuclide migration

transport (environmental)

INIS: 2000-04-12; ETDE: 1985-03-12
 SEE environmental transport

transport (gamma)

USE photon transport

transport (in organisms)

2000-04-12
 USE radionuclide kinetics

transport (neutral-particle)

INIS: 1975-09-09; ETDE: 2002-06-13
 USE neutral-particle transport

transport (neutron)

USE neutron transport

transport (photon)

USE photon transport

transport (proton)

USE proton transport

transport (radiation)

USE radiation transport

transport (radionuclides in biological systems)

INIS: 1993-11-10; ETDE: 2002-06-13
 USE radionuclide kinetics

transport (radionuclides in organisms)

INIS: 1993-11-10; ETDE: 2002-06-13
 USE radionuclide kinetics

transport (reaction product)

USE reaction product transport systems

transport insurance

USE insurance

TRANSPORT REGULATIONS

***BT1** regulations
RT maritime laws
RT nuclear ship visits
RT transport

TRANSPORT THEORY

1996-07-23

SF *slaggie model*
NT1 charged-particle transport theory
NT2 neoclassical transport theory
NT2 spitzer theory
NT1 gamma transport theory
NT1 nelkin theory
NT1 neutron transport theory
NT2 multigroup theory
NT2 one-group theory
RT atom transport
RT boltzmann equation
RT boltzmann-vlasov equation
RT case method
RT chapman-enskog theory
RT chapman-ferraro problem
RT discrete ordinate method
RT feynman method
RT fokker-planck equation
RT grad-shafranov equation
RT invariant imbedding
RT moments method
RT monte carlo method
RT poincare-bertrand formula
RT radiation transport
RT scattering
RT van hove theory
RT wick-chandrasekhar method
RT young model
RT yvon method

TRANSPORTABLE REACTORS

Capable of being moved when not critical and possibly partly dismantled.

BT1 reactors
NT1 package reactors
NT1 tibr reactor

transportation routes

INIS: 2000-04-12; ETDE: 1983-09-15
 USE routing

TRANSPORTATION SECTOR

INIS: 1998-11-12; ETDE: 1977-07-23
SF *end use sector*
RT sectoral analysis

RT taxicabs
 RT transport
 RT transportation systems

TRANSPORTATION SYSTEMS

1992-09-09

NT1 mass transit systems
 NT1 private vehicles
 NT1 rapid transit systems
 RT airports
 RT buses
 RT carpooling
 RT taxicabs
 RT trains
 RT transport
 RT transportation sector
 RT vanpooling

TRANSPOSONS

INIS: 1991-07-02; ETDE: 1987-12-17

Portions of DNA carrying repeated terminal sequences which confer to the segment the capability of jumping around within the genome.

RT dna-cloning
 RT genes
 RT genetic engineering
 RT genetic variability
 RT plasmids

TRANSURANIUM COMPLEXES

1996-07-18

BT1 complexes
 NT1 americium complexes
 NT1 berkelium complexes
 NT1 californium complexes
 NT1 curium complexes
 NT1 einsteinium complexes
 NT1 fermium complexes
 NT1 mendelevium complexes
 NT1 neptunium complexes
 NT2 neptunyl complexes
 NT1 nobelium complexes
 NT1 plutonium complexes
 NT2 plutonyl complexes
 NT1 transplutonium complexes
 NT2 lawrencium complexes
 NT2 transactinide complexes
 NT3 rutherfordium complexes

TRANSURANIUM COMPOUNDS

NT1 neptunium compounds
 NT2 neptunium arsenides
 NT2 neptunium borides
 NT2 neptunium carbides
 NT2 neptunium carbonates
 NT2 neptunium halides
 NT3 neptunium bromides
 NT3 neptunium chlorides
 NT3 neptunium fluorides
 NT3 neptunium iodides
 NT2 neptunium hydrides
 NT2 neptunium hydroxides
 NT2 neptunium nitrates
 NT2 neptunium nitrides
 NT2 neptunium oxides
 NT2 neptunium perchlorates
 NT2 neptunium phosphates
 NT2 neptunium phosphides
 NT2 neptunium selenides
 NT2 neptunium sulfates
 NT2 neptunium sulfides
 NT2 neptunium tellurides
 NT2 neptunyl compounds
 NT1 plutonium compounds
 NT2 plutonium arsenides
 NT2 plutonium borides
 NT2 plutonium carbides
 NT2 plutonium carbonates
 NT2 plutonium halides

NT3 plutonium bromides
 NT3 plutonium chlorides
 NT3 plutonium fluorides
 NT3 plutonium iodides
 NT2 plutonium hydrides
 NT2 plutonium hydroxides
 NT2 plutonium nitrates
 NT2 plutonium nitrides
 NT2 plutonium oxides
 NT3 plutonium dioxide
 NT2 plutonium perchlorates
 NT2 plutonium peroxide
 NT2 plutonium phosphates
 NT2 plutonium phosphides
 NT2 plutonium selenides
 NT2 plutonium silicates
 NT2 plutonium sulfates
 NT2 plutonium sulfides
 NT2 plutonium tellurides
 NT2 plutonyl compounds
 NT1 transplutonium compounds
 NT2 americium compounds
 NT3 americium arsenides
 NT3 americium carbides
 NT3 americium carbonates
 NT3 americium halides
 NT4 americium bromides
 NT4 americium chlorides
 NT4 americium fluorides
 NT4 americium iodides
 NT3 americium hydrides
 NT3 americium hydroxides
 NT3 americium nitrates
 NT3 americium nitrides
 NT3 americium oxides
 NT3 americium perchlorates
 NT3 americium phosphates
 NT3 americium phosphides
 NT3 americium selenides
 NT3 americium silicates
 NT3 americium silicides
 NT3 americium sulfates
 NT3 americium sulfides
 NT3 americium tellurides
 NT2 berkelium compounds
 NT3 berkelium arsenides
 NT3 berkelium halides
 NT4 berkelium bromides
 NT4 berkelium chlorides
 NT4 berkelium fluorides
 NT3 berkelium hydrides
 NT3 berkelium nitrates
 NT3 berkelium nitrides
 NT3 berkelium oxides
 NT3 berkelium phosphates
 NT3 berkelium phosphides
 NT3 berkelium selenides
 NT3 berkelium sulfates
 NT3 berkelium sulfides
 NT3 berkelium tellurides
 NT2 californium compounds
 NT3 californium arsenides
 NT3 californium halides
 NT4 californium bromides
 NT4 californium chlorides
 NT4 californium fluorides
 NT4 californium iodides
 NT3 californium nitrates
 NT3 californium nitrides
 NT3 californium oxides
 NT3 californium selenides
 NT3 californium sulfides
 NT3 californium tellurides
 NT2 curium compounds
 NT3 curium arsenides
 NT3 curium carbonates
 NT3 curium halides
 NT4 curium bromides
 NT4 curium chlorides

NT4 curium fluorides
 NT4 curium iodides
 NT3 curium hydrides
 NT3 curium hydroxides
 NT3 curium nitrates
 NT3 curium nitrides
 NT3 curium oxides
 NT3 curium phosphides
 NT3 curium selenides
 NT3 curium silicates
 NT3 curium sulfides
 NT3 curium tellurides
 NT2 einsteinium compounds
 NT3 einsteinium halides
 NT4 einsteinium bromides
 NT4 einsteinium chlorides
 NT4 einsteinium fluorides
 NT4 einsteinium iodides
 NT3 einsteinium nitrates
 NT3 einsteinium oxides
 NT2 fermium compounds
 NT3 fermium halides
 NT4 fermium bromides
 NT4 fermium chlorides
 NT4 fermium iodides
 NT3 fermium oxides
 NT2 lawrencium compounds
 NT2 mendelevium compounds
 NT3 mendelevium oxides
 NT2 nobelium compounds
 NT3 nobelium oxides
 NT2 transactinide compounds
 NT3 bohrium compounds
 NT3 copernicium compounds
 NT3 darmstadtium compounds
 NT3 dubnium compounds
 NT3 flerovium compounds
 NT3 hassium compounds
 NT3 meitnerium compounds
 NT3 nihonium compounds
 NT3 roentgenium compounds
 NT3 rutherfordium compounds
 NT4 rutherfordium halides
 NT5 rutherfordium chlorides
 NT3 seaborgium compounds

TRANSURANIUM ELEMENTS

BT1 elements
 NT1 neptunium
 NT2 neptunium-alpha
 NT2 neptunium-gamma
 NT1 plutonium
 NT2 plutonium-alpha
 NT2 plutonium-beta
 NT2 plutonium-delta
 NT2 plutonium-epsilon
 NT2 plutonium-gamma
 NT1 transplutonium elements
 NT2 americium
 NT2 berkelium
 NT2 californium
 NT2 curium
 NT2 einsteinium
 NT2 fermium
 NT2 lawrencium
 NT2 mendelevium
 NT2 nobelium
 NT2 transactinide elements
 NT3 bohrium
 NT3 copernicium
 NT3 darmstadtium
 NT3 dubnium
 NT3 element 119
 NT3 element 120
 NT3 element 124
 NT3 element 126
 NT3 element 128
 NT3 element 134
 NT3 element 145

NT3 element 164
NT3 element 173
NT3 flerovium
NT3 hassium
NT3 livermorium
NT3 meitnerium
NT3 moscovium
NT3 nihonium
NT3 oganesson
NT3 roentgenium
NT3 rutherfordium
NT3 seaborgium
NT3 tennessine

RT actinides

transuranium wastes

INIS: 2000-04-12; ETDE: 1981-01-09

USE alpha-bearing wastes

TRANSVAAL

***BT1** south africa

RT witwatersrand

TRANSVERSE ENERGY

INIS: 1989-04-20; ETDE: 1989-01-26

The kinetic energy of any particle, or group of particles, detected during a particle/target or beam/target interaction at a nonzero angle measured with respect to the initial particle or beam direction.

***BT1** kinetic energy

RT angular distribution

RT anisotropy

RT energy spectra

RT nuclear reactions

RT particle interactions

RT transverse momentum

TRANSVERSE MOMENTUM

UF momentum (transverse)

BT1 linear momentum

RT center-of-mass system

RT interactions

RT longitudinal momentum

RT nuclear reactions

RT particle interactions

RT straight-line path approximation

RT transverse energy

TRAPPED ELECTRONS

***BT1** electrons

RT electron precipitation

TRAPPED-PARTICLE INSTABILITY

***BT1** plasma macroinstabilities

RT banana regime

RT closed plasma devices

TRAPPED PROTONS

INIS: 1977-04-07; ETDE: 1977-06-03

***BT1** protons

RT aurorae

RT proton precipitation

TRAPPING

1996-07-23

Includes trapping of electrons or holes in lattices and trapping of particles in fields.

NT1 banana regime

RT crystal lattices

RT greenhouse effect

RT holes

RT magnetic fields

RT plateau regime

TRAPS

Equipment for trapping of electrons or holes in lattices and trapping of particles in fields; see also FILTERS.

NT1 cold traps

NT1 steam traps

RT deep level transient spectroscopy

RT electrons

RT holes

RT luminescence

RT photoconductivity

RT photolysis

RT semiconductor materials

RT vacancies

trauma

USE injuries

traumatic shock

USE biological shock

USE injuries

TRAVALE GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1985-12-11

BT1 geothermal fields

RT italy

RT vapor-dominated systems

travel

INIS: 2000-04-12; ETDE: 1983-03-23

(Prior to January 1995, this was a valid ETDE descriptor.)

SEE transport

TRAVELLING IONOSPHERIC DISTURBANCE

UF tid

***BT1** ionospheric storms

RT ionosphere

TRAVELLING WAVE TUBES

***BT1** microwave tubes

RT rf systems

TRAVELLING WAVES

UF waves (travelling)

RT electromagnetic radiation

RT mechanical vibrations

RT standing waves

RT wave propagation

RT waveguides

TRAVERTINE

INIS: 2000-04-12; ETDE: 1976-01-23

A calcium carbonate deposited from solution in ground and surface waters.

***BT1** limestone

RT calcium carbonates

TRAWSFYNYDD REACTOR

Merionethshire, Wales, United Kingdom.

TRAWSFYNYDD-1 and 2 are permanently shut down since 1991.

***BT1** carbon dioxide cooled reactors

***BT1** magnox type reactors

***BT1** thermal reactors

trce(thermionic reactor critical experiments)

2000-04-12

USE thermionic reactors

USE zero power reactors

TREAT REACTOR

ANL/INEEL, Idaho, USA.

UF transient reactor test facility

***BT1** air cooled reactors

***BT1** enriched uranium reactors

***BT1** experimental reactors

***BT1** graphite moderated reactors

***BT1** solid homogeneous reactors

***BT1** test reactors

***BT1** thermal reactors

TREATIES

1998-06-10

NT1 bangkok treaty

NT1 ctb

NT1 fmct

NT1 non-proliferation treaty

NT1 pelindaba treaty

NT1 rarotonga treaty

NT1 tlatalolco treaty

RT international agreements

RT international laws

RT negotiation

RT salt talks

RT verification

treatment (therapy)

USE therapy

treaty for prohibition of nuclear weapons in latin america

INIS: 1984-06-21; ETDE: 2002-06-13

USE tlatalolco treaty

TREE RINGS

INIS: 1993-06-03; ETDE: 1976-06-07

SF growth rings

RT trees

TREES

1997-06-17

(From June 1981 till March 1997

COPAIFERA was a valid ETDE descriptor.)

UF betula

UF copaiba

UF copaiifera

UF honeylocust trees

UF mahogany trees

BT1 plants

NT1 beech trees

NT1 birches

NT1 cacao trees

NT1 cedars

NT1 chestnut trees

NT1 coconut palms

NT1 deciduous trees

NT1 eucalyptuses

NT1 firs

NT1 fruit trees

NT1 locust trees

NT1 mangroves

NT1 maples

NT1 mesquite

NT1 oaks

NT1 oil palms

NT1 olive trees

NT1 pecan trees

NT1 pines

NT1 poplars

NT2 aspens

NT2 cottonwoods

NT1 rubber trees

NT2 guayule

NT2 hevea

NT1 spruces

NT1 sweet gums

NT1 sycamores

NT1 willows

RT bark

RT canopies

RT conifers

RT forests

RT preferred species

RT short rotation cultivation

RT silviculture

RT tree rings

RT wood

RT wood fuels

RT xylans

TREMATODES

UF flukes (trematodes)

BT1 parasites

***BT1** platyhelminths

NT1 fasciola

NT1 schistosoma

tretamine

USE alkylating agents

TRH

UF thyrotropin-releasing hormone
 *BT1 peptide hormones
 RT hypothalamus
 RT tsh

tri-2-ethylhexyl phosphate

INIS: 2000-04-12; ETDE: 1982-12-01
 USE phosphoric acid esters

tri-gas process

INIS: 2000-04-12; ETDE: 1977-04-12
The Bituminous Coal Research, Inc. process using two-stage super-pressure entraining gasifier.
 (Prior to March 1994, this was a valid ETDE descriptor.)

USE coal gasification

tri-university meson facility

INIS: 1993-11-10; ETDE: 1980-05-23
 USE triumf cyclotron

TRIACETONEAMINE-N-OXYL

UF tan (triacetoneamine-n-oxyl)
 UF tetramethyl-4-piperidone-n-oxyl
 *BT1 ketones
 *BT1 organic oxygen compounds
 *BT1 piperidines
 *BT1 radiosensitizers

TRIAM-1 TOKAMAK

1983-03-15
 *BT1 tokamak devices

TRIANGULAR CONFIGURATION

BT1 configuration

TRIASSIC PERIOD

INIS: 1992-04-14; ETDE: 1977-10-19
 *BT1 mesozoic era

TRIAZINES

Compounds that contain a six-membered heterocyclic ring containing three nitrogen atoms.

*BT1 azines
 NT1 cyanurates
 NT1 melamine
 RT atrazine

TRIAZOLES

Compounds that contain a five-membered heterocyclic ring containing three nitrogen atoms.

*BT1 azoles

TRIBALLOY 400

INIS: 2000-04-12; ETDE: 1979-08-07
 *BT1 chromium alloys
 *BT1 cobalt base alloys
 *BT1 iron alloys
 *BT1 molybdenum alloys

tribaloy 700

INIS: 1997-01-28; ETDE: 1978-10-23
 (Until October 1996 this was a valid descriptor.)
 USE alloy-ni50mo32cr15si3

TRIBALLOY 800

INIS: 1993-10-03; ETDE: 1979-08-07
 *BT1 chromium alloys
 *BT1 cobalt base alloys
 *BT1 corrosion resistant alloys
 *BT1 heat resisting alloys
 *BT1 iron alloys
 *BT1 molybdenum alloys
 *BT1 silicon alloys

TRIBOLIUM

*BT1 beetles

TRIBOLOGY

INIS: 1992-02-26; ETDE: 1978-04-05
Science dealing with physical, chemical, and metallurgical phenomena of interacting surfaces in relative motion.

RT bearings
 RT friction
 RT lubricants
 RT lubricating oils
 RT lubrication
 RT surface properties
 RT wear

tributyl phosphate

USE tbp

TRIBUTYLPHOSPHINE OXIDE

ETDE: 2005-02-01
 (Prior to January 2005 TBPO was used for this concept.)
 UF tbpo (tributylphosphine oxide)
 *BT1 organic phosphorus compounds
 *BT1 phosphine oxides

tricarballic acid

1996-10-23
 (Until October 1996 this was a valid descriptor.)
 USE carboxylic acids

TRICASTIN-1 REACTOR

INIS: 1985-10-22; ETDE: 1985-11-13
Electricite de France, Saint-Paul-Trois-Chateaux, Drome, France
 *BT1 pwr type reactors

TRICASTIN-2 REACTOR

2010-07-06
Electricite de France, Saint-Paul-Trois-Chateaux, Drome, France
 *BT1 pwr type reactors

TRICASTIN-3 REACTOR

2010-07-06
Electricite de France, Saint-Paul-Trois-Chateaux, Drome, France
 *BT1 pwr type reactors

TRICASTIN-4 REACTOR

INIS: 1988-04-15; ETDE: 1988-05-23
Electricite de France, Saint-Paul-Trois-Chateaux, Drome, France
 *BT1 pwr type reactors

TRICHINELLA

*BT1 nematodes
 BT1 parasites
 RT meat
 RT trichinosis

TRICHINOSIS

*BT1 parasitic diseases
 RT gastrointestinal tract
 RT inflammation
 RT muscles
 RT trichinella

trichloroacetaldehyde

USE chloral

TRICHLOROACETIC ACID

2014-03-28
 *BT1 chlorinated aliphatic hydrocarbons
 *BT1 monocarboxylic acids

trichloromethane

1982-02-09
 USE chloroform

TRICHODERMA

INIS: 1991-12-16; ETDE: 1978-03-03
 *BT1 eumycota
 NT1 trichoderma viride

trichoderma reesei

INIS: 1991-12-16; ETDE: 1977-03-28
 USE trichoderma viride

TRICHODERMA VIRIDE

INIS: 1991-12-16; ETDE: 1977-11-29
 UF trichoderma reesei
 *BT1 trichoderma

TRICKLE-TYPE COLLECTORS

INIS: 2000-04-12; ETDE: 1978-09-11
 UF open-flow collectors
 UF thomason collectors
 *BT1 flat plate collectors

TRICLINIC LATTICES

*BT1 three-dimensional lattices

trico i reactor

2018-06-04
 USE trico reactor

TRICO II REACTOR

2018-06-04
Kinshasa, Democratic Republic of the Congo. Extended shutdown since 2004.
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 training reactors
 *BT1 triga type reactors

TRICO REACTOR

Kinshasa, Democratic Republic of the Congo. Permanent shutdown since 1970.
 UF congo kinshasa triga reactor
 UF trico i reactor
 UF triga-congo reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 training reactors
 *BT1 triga type reactors

tricrosyl phosphates

USE tcp

TRIDENT FACILITY

INIS: 1999-07-26; ETDE: 1999-09-03
Neodymium laser facility at LANL.
 RT lanl
 RT laser fusion reactors
 RT neodymium lasers

TRIDODECYLAMINE

UF trilaurylamine
 *BT1 amines
 BT1 chelating agents

triethylenemelamine

USE alkylating agents

triethylenetetraaminehexaacetic acid

1995-02-16
 USE tetaha

triethylenetetramine

USE teta

TRIGA-1-ARIZONA REACTOR

INIS: 1988-11-16; ETDE: 1987-04-08
Univ. of Arizona, Tucson, Arizona, USA.
 (Prior to December 1988 this material was indexed to TRIGA-1-ARIZONA.)
 *BT1 triga type reactors

TRIGA-1-CALIFORNIA REACTOR

ETDE: 1978-03-03
Univ. of California, Irvine, California, USA.
 UF california irvine triga-mk-1 reactor

UF irvine triga-mk-1 reactor
 UF irvine triga reactor
 UF ucirr reactor
 UF university of california irvine reactor
 *BT1 isotope production reactors
 *BT1 pulsed reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-1-HANFORD REACTOR

INIS: 1979-09-18; ETDE: 1979-01-30
Westinghouse-Hanford-300, Richland, Washington, USA.
 UF hanford neutron radiography facility
 *BT1 materials testing reactors
 *BT1 triga type reactors

TRIGA-1-HANOVER REACTOR

1991-07-02
Decommissioned since 2008.
 UF frh reactor
 UF hannover triga-mk-1 reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-1-HEIDELBERG REACTOR

Decommissioned since 2006.
 UF heidelberg triga-mk-1-dkfz reactor
 UF triga-mark-i-dkfz heidelberg reactor
 UF triga-mk-1-dkfz heidelberg reactor
 SF triga-2-heidelberg reactor
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-1-MICHIGAN REACTOR

INIS: 1976-02-11; ETDE: 1977-01-31
Michigan State Univ., East Lansing, Michigan, USA. Shut down in 1988; decommissioned.
 (Prior to November 1990 this concept was indexed to MICHIGAN STATE TRIGA MK-1 REACTOR by ETDE.)
 UF michigan state triga-mk-1 reactor
 *BT1 isotope production reactors
 *BT1 pulsed reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 test reactors
 *BT1 thermal reactors
 *BT1 training reactors
 *BT1 triga type reactors

TRIGA-2-BANDUNG REACTOR

1995-01-10
 UF indonesian triga-mk-2 reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-BANGLADESH REACTOR

INIS: 1999-09-24; ETDE: 1999-11-30
Atomic Energy Research Establishment, Dhaka, Bangladesh.
 *BT1 isotope production reactors
 *BT1 pulsed reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

triga-2-cornell reactor

INIS: 1984-06-25; ETDE: 2002-06-13
 USE cornell triga-mk-2 reactor

TRIGA-2-DALAT REACTOR

Institute of Nuclear Research, Dalat, Viet-Nam.
 UF dalat triga-mk-2 reactor
 UF vietnamese triga-mk-2 reactor
 UF vietnamese triga-mk-ii reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

triga-2-heidelberg reactor

INIS: 2000-04-12; ETDE: 1975-08-19
 SEE triga-1-heidelberg reactor

TRIGA-2-ILLINOIS REACTOR

Univ. of Illinois, Urbana, Illinois, USA.
 UF illinois university triga-mk-2 reactor
 UF university of illinois triga-mk-2 reactor
 UF university of illinois triga-mk-ii reactor
 *BT1 isotope production reactors
 *BT1 pulsed reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-KANSAS REACTOR

Kansas State Univ., Manhattan, Kansas, USA.
 UF kansas state university triga mk-2 reactor
 *BT1 isotope production reactors
 *BT1 pulsed reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-LJUBLJANA REACTOR

1997-11-11
J. Stefan Institute, Ljubljana, Slovenia.
 UF ljubljana triga-mk-2 reactor
 UF yugoslav triga-mk-2 reactor
 UF yugoslav triga-mk-ii reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-MAINZ REACTOR

Institut fuer Kernchemie, Univ. Mainz, Mainz, F.R. Germany.
 UF german (mainz) triga-mk-2 reactor
 UF mainz triga-mk-2 reactor
 *BT1 isotope production reactors
 *BT1 pulsed reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-MUSASHI REACTOR

Musashi Institute of Technology Univ., Kawasaki, Kanagawa, Japan. Under decommissioning since 2003.
 UF musashi institute of technology triga reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-PAVIA REACTOR

Pavia, Italy.
 UF lena triga-mk-2 pulsed reactor
 UF pavia triga-mk-2 reactor
 *BT1 isotope production reactors
 *BT1 pulsed reactors
 *BT1 test reactors
 *BT1 thermal reactors
 *BT1 training reactors
 *BT1 triga type reactors

TRIGA-2-PITESTI REACTOR

1999-09-24
Institute for Nuclear Power Research, Pitesti, Romania.
 *BT1 isotope production reactors
 *BT1 pulsed reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-PITESTI-SS-CORE REACTOR

2019-01-28
Technologies for Nuclear Energy (Raten). Pitesti, Romania.
 *BT1 thermal reactors

*BT1 triga type reactors

TRIGA-2 REACTOR

UF triga-mark-ii reactor
 UF triga-mk-2 reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-RIKKYO REACTOR

Institute for Atomic Energy, Rikkyo Univ., Yokosuka, Kanagawa, Japan. Under decommissioning. Shut down since 2001.
 UF rikkyo university triga-mk-2 reactor
 UF rikkyo university triga-mk-ii reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-ROME REACTOR

UF italian triga-mark-ii reactor
 UF italian triga-mk-2 reactor
 UF rc-1 reactor
 UF reattore casaccia-1
 UF rome triga-mk-2 reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-SEOUL REACTOR

KAERI, Cheong Ryang, Seoul, Republic of Korea.
 UF korean triga-mk-2 reactor
 UF seoul triga-mk-2 reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-2-VIENNA REACTOR

Atominstute of the Austrian Universities/Austrian Fed. Min. of Science and Research, Vienna, Austria.
 UF austrian triga-mark-ii reactor
 UF austrian triga-mk-2 reactor
 UF vienna triga-mk-2 reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

triga-3-gulf reactor

INIS: 1984-06-25; ETDE: 2002-06-13
 USE gulf triga-mk-3 reactor

TRIGA-3-LA JOLLA REACTOR

La Jolla, California, USA.
 UF la jolla triga-mk-3 reactor
 UF torrey pines triga-mark-3 reactor
 UF torrey pines triga-mk-3 reactor
 *BT1 triga type reactors

TRIGA-3-MUNICH REACTOR

2000-04-12
 *BT1 isotope production reactors
 *BT1 pulsed reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-3-SALAZAR REACTOR

UF mexican triga-mark-3 reactor
 UF mexican triga-mk-3 reactor
 UF salazar triga-mk-3 reactor
 *BT1 isotope production reactors
 *BT1 thermal reactors
 *BT1 triga type reactors

TRIGA-3-SEOUL REACTOR

1980-07-24
KAERI, Cheong Ryang, Seoul, Republic of Korea.
 UF korean triga-mk-3 reactor
 UF seoul triga-mk-3 reactor
 *BT1 isotope production reactors

- *BT1 thermal reactors
- *BT1 triga type reactors

TRIGA-BRAZIL REACTOR

*Instituto de Pesquisas Radioativas Nuclebras,
Cidade Universitaria-Pampulma, Minas
Gerais, Brazil.*

- UF *brazil triga reactor*
- UF *ipr-1 reactor*
- UF *minas gerais university triga reactor*
- UF *university minas gerais triga reactor*
- *BT1 isotope production reactors
- *BT1 thermal reactors
- *BT1 triga type reactors

triga-congo reactor

- USE trico reactor

triga-f-dasa reactor

- USE afri reactor

triga-mark-i-dkfs heidelberg reactor

2000-04-12

- USE triga-1-heidelberg reactor

triga-mark-ii reactor

2000-04-12

- USE triga-2 reactor

triga-mk-1-dkfs heidelberg reactor

INIS: 1993-11-10; ETDE: 2002-06-13

- USE triga-1-heidelberg reactor

triga-mk-2 reactor

ETDE: 2002-06-13

*See also specific reactors of this type, e.g.
CORNELL TRIGA-MK-2 REACTOR.*

- USE triga-2 reactor

triga-mk-3 reactor

2000-04-12

- SEE atrp reactor
- SEE colorado triga-mk-3 reactor

triga-mk-f prototype reactor

2000-04-12

- USE atrp reactor

triga-pennsylvania reactor

- USE psbr reactor

triga puspati reactor

1984-12-04

- USE rtp reactor

TRIGA-TEXAS REACTOR

*Balcones Research Center, Univ. of Texas,
near Austin, Texas, USA. Shut down in 1988.*

- UF *texas university triga reactor*
- UF *university of texas triga reactor*
- *BT1 isotope production reactors
- *BT1 pulsed reactors
- *BT1 thermal reactors
- *BT1 triga type reactors

TRIGA TYPE REACTORS

1995-01-10

- *BT1 enriched uranium reactors
- *BT1 hydride moderated reactors
- *BT1 research and test reactors
- *BT1 solid homogeneous reactors
- *BT1 water cooled reactors
- *BT1 water moderated reactors
- NT1 afri reactor
- NT1 atrp reactor
- NT1 colorado triga-mk-3 reactor
- NT1 cornell triga-mk-2 reactor
- NT1 dow triga-mk-1 reactor
- NT1 fir-1 reactor
- NT1 frf-2 reactor
- NT1 frn reactor
- NT1 gulf triga-mk-3 reactor

- NT1 itu-trr reactor
- NT1 kartini-ppny reactor
- NT1 lopra reactor
- NT1 ma-r1 reactor
- NT1 nscr reactor
- NT1 ostr reactor
- NT1 prpr reactor
- NT1 psbr reactor
- NT1 rtp reactor
- NT1 trico ii reactor
- NT1 trico reactor
- NT1 triga-1-arizona reactor
- NT1 triga-1-california reactor
- NT1 triga-1-hanford reactor
- NT1 triga-1-hanover reactor
- NT1 triga-1-heidelberg reactor
- NT1 triga-1-michigan reactor
- NT1 triga-2-bandung reactor
- NT1 triga-2-bangladesh reactor
- NT1 triga-2-dalat reactor
- NT1 triga-2-illinois reactor
- NT1 triga-2-kansas reactor
- NT1 triga-2-ljubljana reactor
- NT1 triga-2-mainz reactor
- NT1 triga-2-musashi reactor
- NT1 triga-2-pavia reactor
- NT1 triga-2-pitesti reactor
- NT1 triga-2-pitesti-ss-core reactor
- NT1 triga-2 reactor
- NT1 triga-2-rikkyo reactor
- NT1 triga-2-rome reactor
- NT1 triga-2-seoul reactor
- NT1 triga-2-vienna reactor
- NT1 triga-3-la jolla reactor
- NT1 triga-3-munich reactor
- NT1 triga-3-salazar reactor
- NT1 triga-3-seoul reactor
- NT1 triga-brazil reactor
- NT1 triga-texas reactor
- NT1 triga-veterans reactor
- NT1 ucbrt reactor
- NT1 uwnr reactor
- NT1 wsur reactor

TRIGA-VETERANS REACTOR

*Omaha V.A. Medical Center/U.S. Veterans
Administration, Omaha, Nebraska, USA.*

- UF *omaha veterans triga-mk-1*
- UF *veterans administration hospital triga reactor*
- *BT1 isotope production reactors
- *BT1 thermal reactors
- *BT1 triga type reactors

TRIGGER CIRCUITS

- *BT1 pulse circuits
- NT1 transistor trigger circuits

TRIGLYCERIDES

1996-10-22

- UF *butter fat*
- UF *croton oil*
- UF *tigilium oil*
- *BT1 esters
- *BT1 lipids
- NT1 corn oil
- NT1 linseed oil
- NT1 olive oil
- NT1 peanut oil
- NT1 soybean oil
- NT1 triolein
- RT glycerol
- RT oils

TRIGONAL LATTICES

- UF *rhombohedral lattices*
- *BT1 three-dimensional lattices

trihydroxyaromatics

- USE polyphenols

trihydroxybenzoic acid

- USE gallic acid

trihydroxyglutaric acid

1996-10-23

(Until October 1996 this was a valid descriptor.)

- USE hydroxy acids

TRIIODOTHYRONINE

UF *t3 hormone*

*BT1 thyroid hormones

RT diiodothyronine

RT thyronine

triketohydrindane

1996-10-23

(Prior to March 1997 NINHYDRIN was used for this concept in ETDE.)

- USE ketones

trilaurylamine

1985-07-19

(Prior to July 1985, this was a valid ETDE descriptor.)

- USE tridodecylamine

trillium

1996-07-15

(Until June 1996 this was a valid descriptor.)

- USE liliopsida

TRILLO-1 REACTOR

INIS: 1979-05-28; ETDE: 1979-09-06

Trillo, Guadalajara, Spain.

- *BT1 pwr type reactors

trimethylacetic acid

- USE pivalic acid

trimethylbenzene-sym

ETDE: 2002-06-13

- USE mesitylene

TRINEUTRONS

- *BT1 polyneutrons

TRINIDAD AND TOBAGO

1992-06-04

- *BT1 lesser antilles

trinitrophenol

- USE picric acid

trinitrotoluene

- USE tnt

TRINITY EVENT

*BT1 atmospheric explosions

*BT1 nuclear explosions

trino vercellese reactor

- USE selni reactor

trinonylamine

2000-04-12

(Prior to February 1996 TNA was used for this concept in ETDE.)

- USE amines
- USE chelating agents

TRIOCTYLAMINE

ETDE: 2005-02-01

(Prior to January 2005 TOA was used for this concept.)

UF *toa (trioctylamine)*

*BT1 amines

BT1 chelating agents

TRIOCTYLPHOSPHINE OXIDE

ETDE: 2005-02-01

(Prior to January 2005 TOPO was used for this concept.)

UF *topo* (trioctylphosphine oxide)

*BT1 organic phosphorus compounds

*BT1 phosphine oxides

TRIOCTYLPHOSPHINE SULFIDE

ETDE: 2005-02-01

(Prior to January 2005 TOPS was used for this concept.)

UF *tops* (trioctylphosphine sulfide)

*BT1 organic phosphorus compounds

*BT1 organic sulfur compounds

TRIODE TUBES

BT1 electron tubes

TRIOLEINUF *glyceryl trioleate*UF *olein*

*BT1 oils

*BT1 triglycerides

RT *oleic acid***TRIOXANES**

*BT1 heterocyclic compounds

*BT1 organic oxygen compounds

RT organic solvents

trioxylglutaric acid

1996-10-23

(Prior to March 1997

TRIHYDROXYGLUTARIC ACID was used for this concept in ETDE.)

USE hydroxy acids

TRIPHENYLENE

*BT1 polycyclic aromatic hydrocarbons

TRIPHENYLMETHANE DYES

1996-10-22

UF *aluminon*UF *aurin*UF *aurintricarboxylic acid*UF *chrome violet*

*BT1 aromatics

BT1 dyes

NT1 methyl violet

NT1 methylthymol blue

TRIPHENYLPHOSPHINE

2014-03-28

*BT1 organic phosphorus compounds

*BT1 phosphines

TRIPHENYLPHOSPHINE OXIDE

ETDE: 2005-02-01

(Prior to January 2005 TPO was used for this concept.)

UF *tpo* (triphenylphosphine oxide)

*BT1 organic phosphorus compounds

*BT1 phosphine oxides

TRIPLASMATONS

*BT1 plasmatron ion sources

TRIPLE GLAZING

2013-01-02

*Three layers of glass or other material used on windows or solar collectors to reduce heat loss. The still air in the space between the windows acts as a good insulator.*SF *thermal insulating glass*

RT coverings

RT double glazing

RT glass

RT glazing materials

RT windows

TRIPLE POINT

INIS: 1988-02-02; ETDE: 1986-07-08

The temperature and pressure at which the solid, liquid and vapor phases of a substance coexist in equilibrium with one another.

RT phase diagrams

RT phase transformations

triplet particles

USE quarks

TRIPLETS

BT1 multiplets

tristan project

INIS: 1981-09-18; ETDE: 1981-10-24

USE tristan storage rings

TRISTAN SEPARATOR

INIS: 1986-05-23; ETDE: 1985-03-26

An on-line isotope separator facility for the study of neutron-rich nuclei far from stability located at the high-flux beam reactor at BNL.

BT1 electromagnetic isotope separators

*BT1 reactor experimental facilities

RT hfbr reactor

TRISTAN STORAGE RINGS

INIS: 1981-09-18; ETDE: 1981-10-24

*Transposable Ring Intersecting Storage**Accelerators in Nippon.*UF *kek intersecting storage accelerator*UF *tristan project*

BT1 storage rings

tritiated compounds

USE tritium compounds

tritiated water

1996-06-19

USE tritium oxides

triticum

USE wheat

TRITIDES

INIS: 1986-03-04; ETDE: 1991-03-07

*BT1 tritium compounds

NT1 deuterium tritide

NT1 helium tritides

NT1 hydrogen tritide

NT1 lithium tritides

TRITIUMUF *hydrogen 3*

*BT1 beta-minus decay radioisotopes

*BT1 hydrogen isotopes

*BT1 light nuclei

*BT1 odd-even nuclei

*BT1 years living radioisotopes

RT thermonuclear fuels

RT tritium extraction plants

RT tritium meters

RT tritons

TRITIUM COMPOUNDS

1996-06-19

UF *tritiated compounds*

BT1 hydrogen compounds

NT1 tritides

NT2 deuterium tritide

NT2 helium tritides

NT2 hydrogen tritide

NT2 lithium tritides

NT1 tritium oxides

RT labelled compounds

RT tritium extraction plants

TRITIUM EXTRACTION PLANTS

INIS: 1978-11-24; ETDE: 1978-12-20

*BT1 isotope separation plants

RT heavy water

RT tritium

RT tritium compounds

tritium hydride

INIS: 1976-07-06; ETDE: 2002-06-13

USE hydrogen tritide

TRITIUM IONS

1996-03-04

*BT1 ions

RT d-t operation

TRITIUM METERS

INIS: 1981-09-17; ETDE: 1978-09-11

*BT1 meters

RT chemical analysis

RT tritium

TRITIUM OXIDES

1996-06-19

UF *dto*UF *hto*UF *tritiated water*

*BT1 oxides

*BT1 tritium compounds

*BT1 water

TRITIUM PRODUCTION REACTORS

*BT1 irradiation reactors

NT1 celestin reactor

TRITIUM RECOVERY

ETDE: 1975-09-11

*In thermonuclear reactors and/or devices.*UF *recovery (tritium)*SF *recovery*

RT breeding

RT breeding blankets

RT plasma confinement

RT thermonuclear devices

RT thermonuclear reactors

TRITIUM SYSTEMS TEST ASSEMBLY

INIS: 1986-07-09; ETDE: 1983-05-21

*Facility to test and demonstrate safe handling of tritium in a manner similar to that required for a thermonuclear reactor.*UF *tsta*

BT1 test facilities

RT thermonuclear fuels

RT thermonuclear reactor fueling

TRITIUM TARGET

ETDE: 1976-07-09

BT1 targets

triton

2000-03-29

SEE tritons

SEE triturus

TRITON BEAMS

*BT1 radioactive ion beams

RT tritons

TRITON REACTIONS

*BT1 charged-particle reactions

TRITON REACTOR*CEA, Paris, France. Decommissioned since 2010.*

*BT1 enriched uranium reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

TRITONSSF *triton*

BT1 charged particles

NT1 antitritons

RT tritium

RT triton beams

TRITURUS

SF triton
*BT1 salamanders

TRIUMF CYCLOTRON

UF tri-university meson facility
*BT1 isochronous cyclotrons

trochotrons

USE counting tubes

TROILITE

ETDE: 1976-03-31
*BT1 pyrrhotite
RT iron meteorites

TROJAN REACTOR

Portland General Electric Co., Prescott,
Oregon, USA. Shut down in 1992;
decommissioned in 1996.
*BT1 pwr type reactors

trolleybuses

2005-04-20
USE buses
USE electric-powered vehicles
USE trackless vehicles

trombay r-5 reactor

1986-03-04
(Prior to March 1986 this was a valid
descriptor, and older material is so indexed.)
USE dhruva reactor

TROMBE WALLS

INIS: 2000-04-12; ETDE: 1977-10-20
*BT1 passive solar heating systems
BT1 walls
RT buildings
RT sensible heat storage

TROMMELS

INIS: 2000-04-12; ETDE: 1982-04-09
BT1 screens
RT particle size classifiers

TRONA

2000-04-12
Naturally occurring sodium sesquicarbonate.
*BT1 carbonate minerals
RT sodium carbonates

TROPICAL MEDICINE

BT1 medicine
RT tropical regions

TROPICAL REGIONS

RT climates
RT savannas
RT tropical medicine

TROPOMYOSIN

INIS: 2000-04-12; ETDE: 1980-01-15
*BT1 proteins
RT actin
RT muscles
RT myosin

TROPONES

UF cycloheptatrienones
*BT1 ketones

TROPOPAUSE

1999-04-28
*BT1 troposphere
RT boundary layers
RT global fallout
RT radiative forcing
RT stratosphere

TROPOSKIEN SHAPE

2000-04-12
The shape that a perfectly flexible cable of
uniform density and cross section would
assume if spun about a vertical axis. If this
shape is used for turbine blades operating on
a vertical axis, then rotation will not cause the
blades to bend, and all stresses will be pure
tension.
BT1 shape
RT wind turbines

TROPOSPHERE

1999-04-28
BT1 earth atmosphere
NT1 tropopause
RT air
RT air-water interactions
RT anticyclones
RT cyclones

TROUT

*BT1 fishes
RT seafood

TRR-1 REACTOR

Office of Atomic Energy for Peace (OAEP),
Ministry of Industry, Bangkok, Thailand.
UF thai research reactor-1
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 training reactors

tru wastes

INIS: 2000-04-12; ETDE: 1981-01-09
USE alpha-bearing wastes

truck transport

INIS: 1984-04-04; ETDE: 2002-03-26
USE road transport
USE trucks

TRUCKS

1999-03-15
(Until March 1999 this concept was indexed
by VEHICLES.)
UF truck transport
BT1 vehicles
RT occupants
RT road tests

TRUEX PROCESS

INIS: 1989-07-19; ETDE: 1989-08-01
*BT1 reprocessing
RT cmpo
RT solvent extraction

TRUST TERRITORY OF THE PACIFIC ISLANDS

INIS: 1992-06-09; ETDE: 1979-12-17
The territory encompasses more than 2, 000
Pacific islets, atolls, and mountainous islands
with a population of about 113, 000.
UF palau islands
BT1 islands
NT1 mariana islands
NT2 guam
RT pacific ocean
RT usa

truth model

INIS: 1984-04-04; ETDE: 1979-11-07
(Prior to January 1995, this was a valid ETDE
descriptor.)
USE flavor model

TRW PROCESS

INIS: 2000-04-12; ETDE: 1978-04-27
Pyritic sulfur is removed by leaching with
aqueous ferric sulfate at moderate

temperatures, pressures and long retention
times. The process employs extensive water
washing for sulfate removal. The ferric ion
lixivant is simultaneously regenerated in the
reaction chamber using oxygen.

*BT1 desulfurization
RT coal preparation

trx-1

INIS: 2000-04-12; ETDE: 1982-10-05
Trx-1 is a 20-cm diameter, 1-m long field-
reversed theta pinch with a magnetic field
swing of 10kg in 3 microseconds. It employs z
discharge preionization and octupole barrier
fields to maximize flux trapping on first half
cycle operation. Cusp coils are used at the
theta pinch ends to delay reconnection and
fast mirror coils are used to trigger
reconnection at a time designed to maximize
axial heating efficiency and toroid lifetime.
USE reverse-field pinch

trypaflavine

USE acriflavine

TRYPAN BLUE

*BT1 amines
*BT1 azo dyes
*BT1 naphthols
*BT1 sulfonic acids

TRYPANOSOMA

*BT1 mastigophora
BT1 parasites
RT glossina
RT trypanosomiasis

TRYPANOSOMES

2000-04-12
RT parasites

TRYPANOSOMIASIS

*BT1 parasitic diseases
RT trypanosoma

TRYPSIN

Code number 3.4.21.4.
*BT1 serine proteinases
RT digestion
RT pancreas

TRYPTAMINES

1996-06-26
*BT1 amines
*BT1 indoles
NT1 melatonin
NT1 serotonin
NT2 bufotenine

TRYPTOPHAN

*BT1 amino acids
*BT1 heterocyclic acids
*BT1 indoles
RT hydroxytryptophan

tryptophan oxygenase

1997-01-28
(Until October 1996 this was a valid
descriptor.)
USE oxygenases

TS-3 DEVICE

INIS: 1999-07-26; ETDE: 1999-09-03
Tokyo University, Japan.
*BT1 spheromak devices

tschebyscheff approximation

USE polynomials

tsetse fly

USE glossina

TSH

UF thyroid stimulating hormone
*BT1 pituitary hormones
RT thyroid hormones
RT trh

TSL PROCESS

INIS: 2000-04-12; ETDE: 1979-11-07
Coal is dissolved and partially hydrogenated in a process derived solvent (as in src process) and then catalytically hydrocracked in a separate reactor (as in lc-finishing).
*BT1 coal liquefaction

tsp

INIS: 2000-04-12; ETDE: 1981-05-18
USE total suspended particulates

tsp tokamak

1993-08-09
USE t-14 tokamak

TSR-1 REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut down in 1958.
UF tower shielding reactor-1
*BT1 enriched uranium reactors
*BT1 tank type reactors
*BT1 test reactors

TSR-2 REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut down in 1992.
UF tower shielding reactor-2
*BT1 research reactors
*BT1 test reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

TSR STORAGE RING

INIS: 1993-09-16; ETDE: 1993-11-08
UF heidelberg storage ring
BT1 storage rings

tsta

INIS: 2000-04-12; ETDE: 1983-05-21
USE tritium systems test assembly

tsukuba kek synchrotron

USE kek synchrotron

TSUNAMIS

A great sea wave produced by submarine earth movement or volcanic eruption.
UF tidal waves
*BT1 water waves
RT earthquakes
RT natural disasters
RT seas
RT seismic events
RT seismic waves

tsuruga-1 reactor

INIS: 1983-06-30; ETDE: 1983-07-20
USE tsuruga reactor

TSURUGA-2 REACTOR

INIS: 1983-06-30; ETDE: 1983-07-20
JAPCO, Tsuruga, Fukui, Japan.
UF japco-4 reactor
*BT1 pwr type reactors

TSURUGA REACTOR

JAPCO, Tsuruga, Fukui, Japan. Permanent shutdown since April 2015.
UF japco-2 reactor
UF tsuruga-1 reactor
*BT1 bwr type reactors

TTA

UF thenoyltrifluoroacetone
*BT1 heterocyclic compounds

*BT1 ketones
*BT1 organic fluorine compounds
*BT1 organic sulfur compounds
RT thiophene

ttf (tetrathiafulvalene)

INIS: 2000-03-29; ETDE: 2005-02-01
(Prior to January 2005 TTF was a valid descriptor.)
USE tetrathiafulvalene

TTF-TCNQ

INIS: 2000-05-02; ETDE: 1975-09-30
UF tetrathiafulvalene
tetracyanoquinodimethane
*BT1 heterocyclic compounds
*BT1 nitriles
*BT1 organic sulfur compounds
*BT1 organic superconductors

ttmp

USE transit-time magnetic pumping

ttt-1 toshiba reactor

USE toshiba reactor

tube model

INIS: 2000-04-12; ETDE: 1980-03-04
USE coherent tube model

TUBERCULIN

BT1 antigens

TUBERCULOSIS

1996-10-23
*BT1 bacterial diseases
RT mycobacterium tuberculosis
RT streptomycin

TUBERS

NT1 potatoes
RT plants

TUBES

For objects of tubular shape; see also DRIFT TUBES, ELECTRON TUBES, or IMAGE STORAGE TUBES.

NT1 baffled tubes
NT1 guide tubes
NT1 hoses
NT1 pipes
NT2 drill pipes
NT2 marine risers
NT2 penstocks
NT1 pressure tubes
RT borescopes
RT corrosion denting
RT coverings
RT cylinders
RT ducts
RT reactor cooling systems
RT shape
RT tunnels

tubes (conduits)

USE pipes

tubular pinch devices (linear)

USE linear hard core pinch devices

TUBULES

In kidneys.
*BT1 kidneys
RT aldosterone
RT glomeruli
RT renal clearance
RT vasopressin

TUFF

A compacted pyroclastic deposit or volcanic ash and dust.
*BT1 volcanic rocks

TULLNERFELD REACTOR

Zwentendorf, Austria. Construction completed, but dismantled in 1987 without being operated.
UF zwentendorf reactor
*BT1 bwr type reactors

TUMAN DEVICES

*BT1 tokamak devices

tumbler project

1996-07-15
(Until June 1996 this was a valid descriptor.)
SEE nuclear weapons

tumbleweeds

INIS: 2000-04-12; ETDE: 1981-04-17
(Prior to March 1997 this was a valid ETDE descriptor.)
USE magnoliopsida

TUMOR CELLS

UF giant cells
BT1 animal cells
NT1 ascites tumor cells
NT1 hela cells
RT cell cultures
RT in vivo
RT neoplasms

tumor necrosis factor

2003-02-10
SEE radioprotective substances
SEE response modifying factors

TUMOR PROMOTERS

INIS: 1981-07-08; ETDE: 1980-10-07
Chemical agents which are not mutagenic or carcinogenic in themselves, but which will accelerate the growth of a pre-existing tumor.
BT1 promoters
RT carcinogens
RT mutagens
RT neoplasms

tumor viruses

INIS: 1976-03-25; ETDE: 1975-08-19
USE oncogenic viruses

tumors

USE neoplasms

tun ismail atomic research center

INIS: 1985-01-17; ETDE: 1985-02-22
Malaysia.
USE puspati

TUNA

*BT1 fishes

TUNDRA

RT arctic regions
RT climates
RT terrestrial ecosystems

TUNGSTATES

1997-06-19
BT1 oxygen compounds
*BT1 tungsten compounds
NT1 aluminium tungstates
NT1 ammonium tungstates
NT1 barium tungstates
NT1 bismuth tungstates
NT1 cadmium tungstates
NT1 calcium tungstates
NT1 cerium tungstates
NT1 cesium tungstates
NT1 cobalt tungstates
NT1 copper tungstates
NT1 dysprosium tungstates
NT1 erbium tungstates
NT1 gadolinium tungstates

NT1 hafnium tungstates
NT1 indium tungstates
NT1 iron tungstates
NT1 lanthanum tungstates
NT1 lead tungstates
NT1 lithium tungstates
NT1 lutetium tungstates
NT1 manganese tungstates
NT1 neodymium tungstates
NT1 nickel tungstates
NT1 potassium tungstates
NT1 praseodymium tungstates
NT1 rubidium tungstates
NT1 samarium tungstates
NT1 scandium tungstates
NT1 silver tungstates
NT1 sodium tungstates
NT1 strontium tungstates
NT1 tantalum tungstates
NT1 thallium tungstates
NT1 thorium tungstates
NT1 tin tungstates
NT1 titanium tungstates
NT1 uranium tungstates
NT1 uranyl tungstates
NT1 vanadium tungstates
NT1 ytterbium tungstates
NT1 yttrium tungstates
NT1 zinc tungstates
NT1 zirconium tungstates

TUNGSTEN

UF wolfram
 *BT1 refractory metals
 *BT1 transition elements
NT1 tungsten-alpha

TUNGSTEN 157

2009-08-28

*BT1 beta-plus decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 158

INIS: 1986-05-08; ETDE: 1986-07-03

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 tungsten isotopes

TUNGSTEN 159

INIS: 1986-05-08; ETDE: 1986-07-03

*BT1 alpha decay radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 160

INIS: 1979-09-18; ETDE: 1979-10-23

*BT1 alpha decay radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 seconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 161

INIS: 1986-05-08; ETDE: 1988-12-05

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 162

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 163

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 164

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 165

INIS: 1976-02-11; ETDE: 1975-10-01

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 166

INIS: 1976-02-11; ETDE: 1975-10-01

*BT1 alpha decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 167

INIS: 1985-11-18; ETDE: 1985-12-13

*BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 168

INIS: 1984-02-23; ETDE: 1984-03-06

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 169

INIS: 1985-10-22; ETDE: 1979-09-26

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 seconds living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 170

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 171

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 172

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 173

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 174

*BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 175

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 176

*BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 internal conversion radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 177

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 tungsten isotopes

TUNGSTEN 178

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 tungsten isotopes

TUNGSTEN 179

*BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 180

*BT1 even-even nuclei
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 stable isotopes
 *BT1 tungsten isotopes

TUNGSTEN 180 TARGET

ETDE: 1976-07-09

BT1 targets

TUNGSTEN 181

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 even-odd nuclei
 *BT1 heavy nuclei
 *BT1 internal conversion radioisotopes
 *BT1 tungsten isotopes

TUNGSTEN 182

*BT1 even-even nuclei
 *BT1 heavy nuclei
 *BT1 stable isotopes

*BT1 tungsten isotopes

TUNGSTEN 182 TARGET

ETDE: 1976-07-09

BT1 targets

TUNGSTEN 183

*BT1 even-odd nuclei
*BT1 heavy nuclei
*BT1 isomeric transition isotopes
*BT1 seconds living radioisotopes
*BT1 stable isotopes
*BT1 tungsten isotopes

TUNGSTEN 183 REACTIONS

INIS: 1984-02-23; ETDE: 1984-03-06

*BT1 heavy ion reactions

TUNGSTEN 183 TARGET

ETDE: 1976-07-09

BT1 targets

TUNGSTEN 184

*BT1 even-even nuclei
*BT1 heavy nuclei
*BT1 stable isotopes
*BT1 tungsten isotopes

TUNGSTEN 184 BEAMS

INIS: 1977-02-08; ETDE: 1977-04-13

*BT1 ion beams

TUNGSTEN 184 REACTIONS

INIS: 1982-10-28; ETDE: 1982-11-30

*BT1 heavy ion reactions

TUNGSTEN 184 TARGET

ETDE: 1976-07-09

BT1 targets

TUNGSTEN 185

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-odd nuclei
*BT1 heavy nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 tungsten isotopes

TUNGSTEN 185 TARGET

INIS: 1985-11-16; ETDE: 1985-12-11

BT1 targets

TUNGSTEN 186

*BT1 even-even nuclei
*BT1 heavy nuclei
*BT1 stable isotopes
*BT1 tungsten isotopes

TUNGSTEN 186 TARGET

ETDE: 1976-07-09

BT1 targets

TUNGSTEN 187

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-odd nuclei
*BT1 heavy nuclei
*BT1 tungsten isotopes

TUNGSTEN 188

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-even nuclei
*BT1 heavy nuclei
*BT1 tungsten isotopes

TUNGSTEN 189

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 heavy nuclei
*BT1 minutes living radioisotopes
*BT1 tungsten isotopes

TUNGSTEN 190

*BT1 beta-plus decay radioisotopes
*BT1 even-even nuclei
*BT1 heavy nuclei
*BT1 minutes living radioisotopes
*BT1 tungsten isotopes

TUNGSTEN 191

2007-04-23

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 heavy nuclei
*BT1 tungsten isotopes

TUNGSTEN 192

*BT1 even-even nuclei
*BT1 heavy nuclei
*BT1 tungsten isotopes

TUNGSTEN ADDITIONS

1996-07-17

Alloys containing not more than 1% W are listed here.

*BT1 tungsten alloys
NT1 alloy-ni49cr22fe18mo9
NT2 hastelloy x
NT1 alloy-ni50cr22fe18mo9
NT2 hastelloy xr
NT1 alloy-ni62cr16mo15fe3
NT2 hastelloy s
NT1 steel-ni4crw

TUNGSTEN ALLOYS

1996-11-13

Alloys containing more than 1% W.

UF alloy-co64cr29w4
UF alloy-co66cr26w6
UF alloy-ehi 868
UF alloy-ehp-567
UF alloy-khn60b
UF alloy-khn60v
UF alloy-n55m20v25
UF alloy-n65m20v15
UF alloy-ni60cr25w15
UF alloy-ni65mo16cr15w4
UF alloy-vzh98
UF stellite 156
*BT1 transition element alloys
NT1 alloy-c-103
NT1 alloy-co36cr22ni22w15fe3
NT2 haynes 188 alloy
NT1 alloy-co43cr20fe18ni13w3
NT2 havar
NT1 alloy-co54cr20w15ni10
NT2 alloy-hs-25
NT2 haynes 25 alloy
NT1 alloy-co60cr30w4
NT2 stellite 6
NT1 alloy-d-979
NT1 alloy-in-102
NT1 alloy-khn50mbvyu
NT1 alloy-mar-m246
NT1 alloy-mn-21
NT1 alloy-mo-re-1
NT1 alloy-ni54mo17cr16fe6w4
NT2 hastelloy c
NT1 alloy-ni61cr16co9al3ti3w3
NT2 alloy-in-738
NT1 alloy-ra-333
NT1 alloy-s-590
NT1 alloy-s-816
NT1 alloy-ta90w8hf
NT2 tantalum alloy-t111
NT1 alloy-v-36
NT1 astar 811c
NT1 carboloy
NT1 magnet steel-ks
NT1 miduale
NT1 rene 80
NT1 rene 95

NT1 supertherm

NT1 tungsten additions

NT2 alloy-ni49cr22fe18mo9

NT3 hastelloy x

NT2 alloy-ni50cr22fe18mo9

NT3 hastelloy xr

NT2 alloy-ni62cr16mo15fe3

NT3 hastelloy s

NT2 steel-ni4crw

NT1 tungsten base alloys

NT2 alloy-mo-re-2

NT1 tungsten bronze

NT1 udimet 500

TUNGSTEN-ALPHA

INIS: 1985-10-23; ETDE: 1985-11-19

*BT1 tungsten

TUNGSTEN BASE ALLOYS

*BT1 tungsten alloys

NT1 alloy-mo-re-2

TUNGSTEN BORIDES

*BT1 borides

*BT1 tungsten compounds

TUNGSTEN BROMIDES

*BT1 bromides

*BT1 tungsten halides

TUNGSTEN BRONZE

*BT1 copper base alloys

*BT1 tungsten alloys

TUNGSTEN CARBIDES

*BT1 carbides

*BT1 tungsten compounds

TUNGSTEN CHLORIDES

*BT1 chlorides

*BT1 tungsten halides

TUNGSTEN COMPLEXES

*BT1 transition element complexes

TUNGSTEN COMPOUNDS

1997-06-19

BT1 refractory metal compounds

BT1 transition element compounds

NT1 tungstates

NT2 aluminium tungstates

NT2 ammonium tungstates

NT2 barium tungstates

NT2 bismuth tungstates

NT2 cadmium tungstates

NT2 calcium tungstates

NT2 cerium tungstates

NT2 cesium tungstates

NT2 cobalt tungstates

NT2 copper tungstates

NT2 dysprosium tungstates

NT2 erbium tungstates

NT2 gadolinium tungstates

NT2 hafnium tungstates

NT2 indium tungstates

NT2 iron tungstates

NT2 lanthanum tungstates

NT2 lead tungstates

NT2 lithium tungstates

NT2 lutetium tungstates

NT2 manganese tungstates

NT2 neodymium tungstates

NT2 nickel tungstates

NT2 potassium tungstates

NT2 praseodymium tungstates

NT2 rubidium tungstates

NT2 samarium tungstates

NT2 scandium tungstates

NT2 silver tungstates

NT2 sodium tungstates

NT2 strontium tungstates

NT2 tantalum tungstates

NT2 thallium tungstates
NT2 thorium tungstates
NT2 tin tungstates
NT2 titanium tungstates
NT2 uranium tungstates
NT2 uranyl tungstates
NT2 vanadium tungstates
NT2 ytterbium tungstates
NT2 yttrium tungstates
NT2 zinc tungstates
NT2 zirconium tungstates
NT1 tungsten borides
NT1 tungsten carbides
NT1 tungsten halides
 NT2 tungsten bromides
 NT2 tungsten chlorides
 NT2 tungsten fluorides
 NT2 tungsten iodides
NT1 tungsten hydrides
NT1 tungsten hydroxides
NT1 tungsten nitrides
NT1 tungsten oxides
 NT2 sodium tungsten bronze
NT1 tungsten phosphides
NT1 tungsten selenides
NT1 tungsten silicides
NT1 tungsten sulfides
NT1 tungsten tellurides
NT1 tungstophosphates
NT1 tungstophosphoric acid

TUNGSTEN FLUORIDES

*BT1 fluorides
*BT1 tungsten halides

TUNGSTEN HALIDES

2012-07-25
*BT1 halides
*BT1 tungsten compounds
NT1 tungsten bromides
NT1 tungsten chlorides
NT1 tungsten fluorides
NT1 tungsten iodides

TUNGSTEN HYDRIDES

1977-01-26
*BT1 hydrides
*BT1 tungsten compounds

TUNGSTEN HYDROXIDES

*BT1 hydroxides
*BT1 tungsten compounds

TUNGSTEN IODIDES

*BT1 iodides
*BT1 tungsten halides

TUNGSTEN IONS

*BT1 ions

TUNGSTEN ISOTOPES

1999-07-16
BT1 isotopes
NT1 tungsten 157
NT1 tungsten 158
NT1 tungsten 159
NT1 tungsten 160
NT1 tungsten 161
NT1 tungsten 162
NT1 tungsten 163
NT1 tungsten 164
NT1 tungsten 165
NT1 tungsten 166
NT1 tungsten 167
NT1 tungsten 168
NT1 tungsten 169
NT1 tungsten 170
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NT1 tungsten 175
NT1 tungsten 176
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NT1 tungsten 183
NT1 tungsten 184
NT1 tungsten 185
NT1 tungsten 186
NT1 tungsten 187
NT1 tungsten 188
NT1 tungsten 189
NT1 tungsten 190
NT1 tungsten 191
NT1 tungsten 192

TUNGSTEN NITRIDES

*BT1 nitrides
*BT1 tungsten compounds

TUNGSTEN ORES

BT1 ores

TUNGSTEN OXIDES

*BT1 oxides
*BT1 tungsten compounds
NT1 sodium tungsten bronze
RT oxide minerals
RT tungstophosphoric acid
RT wolframite

TUNGSTEN PHOSPHIDES

INIS: 1979-09-18; ETDE: 1976-07-07
*BT1 phosphides
*BT1 tungsten compounds

TUNGSTEN SELENIDES

1978-07-31
*BT1 selenides
*BT1 tungsten compounds

TUNGSTEN SILICIDES

1975-10-29
*BT1 silicides
*BT1 tungsten compounds

TUNGSTEN SULFIDES

*BT1 sulfides
*BT1 tungsten compounds

TUNGSTEN TELLURIDES

2000-04-12
*BT1 tellurides
*BT1 tungsten compounds

tungsten water moderated reactor

2000-04-12
USE twmr reactor

TUNGSTOPHOSPHATES

1988-02-02
BT1 oxygen compounds
BT1 phosphorus compounds
*BT1 tungsten compounds
RT tungstophosphoric acid

TUNGSTOPHOSPHORIC ACID

UF phosphotungstic acid
UF phosphowolframic acid
UF wolframophosphoric acid
*BT1 inorganic acids
BT1 oxygen compounds
BT1 phosphorus compounds
*BT1 tungsten compounds
RT heteropolyanions
RT phosphoric acid
RT tungsten oxides
RT tungstophosphates

TUNING

1975-08-22
NT1 frequency selection
NT1 mode selection
RT cavity resonators
RT frequency control
RT resonance
RT rf systems
RT synchronization

TUNISIA

BT1 africa
BT1 arab countries
BT1 developing countries

TUNISIAN ORGANIZATIONS

2004-03-31
BT1 national organizations

TUNNEL DIODES

*BT1 semiconductor diodes
RT schottky barrier diodes

TUNNEL EFFECT

RT superconducting junctions
RT superconductivity
RT tunnel junctions

TUNNEL FURNACES

INIS: 2000-04-12; ETDE: 1976-03-11
UF tunnel kilns
BT1 furnaces

TUNNEL JUNCTIONS

2016-04-19
Junctions comprising a barrier, such as a thin insulating layer or electric potential, between two electrically conducting materials
NT1 magnetic tunnel junctions
NT1 mim junctions
NT1 superconducting junctions
 NT2 josephson junctions
RT tunnel effect

tunnel kilns

INIS: 2000-04-12; ETDE: 1976-03-11
USE tunnel furnaces

TUNNELING

INIS: 1993-08-02; ETDE: 1978-05-03
Not for the concept of electron tunneling, for which use TUNNEL EFFECT.
RT shaft excavations
RT tunnels
RT underground mining

TUNNELING MACHINES

INIS: 1999-05-20; ETDE: 1985-04-09
BT1 equipment
RT excavation
RT mining equipment

TUNNELS

1997-06-17
BT1 underground facilities
NT1 mine roadways
RT excavation
RT mine drivage
RT mines
RT piston effect
RT shaft excavations
RT subsurface structures
RT subterrene penetrators
RT tubes
RT tunneling
RT wind tunnels

TURBELLARIA

*BT1 platyhelminths
NT1 planaria

TURBIDITY

RT suspensions

TURBINE BLADES

UF blades (turbines)
 RT compressor blades
 RT turbines

turbine pumps

INIS: 2000-04-12; ETDE: 1980-01-24
 USE pump turbines

turbine trips

2017-07-18
 SEE atws

TURBINES

UF velocity-pumps reaction turbines
 SF krov machine
 *BT1 turbomachinery
 NT1 gas turbines
 NT2 coal-fired gas turbines
 NT1 hydraulic turbines
 NT2 pump turbines
 NT1 radial inflow turbines
 NT1 radial-outflow reaction turbines
 NT1 rotary separator turbines
 NT1 steam turbines
 NT1 wind turbines
 NT2 diffuser augmented turbines
 NT2 horizontal axis turbines
 NT2 vertical axis turbines
 NT3 giromill turbines
 NT3 tornado turbines
 NT2 vortex augmented turbines
 RT helical rotary screw expander
 RT hydroelectric power plants
 RT turbine blades
 RT turbochargers
 RT turbodrills
 RT working fluids

TURBOCHARGERS

INIS: 2000-04-12; ETDE: 1985-04-09
 *BT1 superchargers
 *BT1 turbomachinery
 RT turbines

TURBODRILLS

INIS: 2000-04-12; ETDE: 1981-08-21
 *BT1 rotary drills
 *BT1 turbomachinery
 RT drilling
 RT turbines

TURBOFAN ENGINES

INIS: 2000-04-12; ETDE: 1984-05-23
 *BT1 internal combustion engines
 *BT1 turbomachinery
 RT turbojet engines

TURBOGENERATORS

SF braun standard turbine island
 SF c f braun standard turbine island
 *BT1 electric generators
 *BT1 turbomachinery
 RT hydraulic turbines

TURBOJET ENGINES

1992-06-12
 *BT1 internal combustion engines
 *BT1 turbomachinery
 RT turbofan engines

TURBOMACHINERY

INIS: 1997-06-19; ETDE: 1976-09-28
 *BT1 machinery
 NT1 turbines
 NT2 gas turbines
 NT3 coal-fired gas turbines
 NT2 hydraulic turbines
 NT3 pump turbines
 NT2 radial inflow turbines
 NT2 radial-outflow reaction turbines

NT2 rotary separator turbines
 NT2 steam turbines
 NT2 wind turbines
 NT3 diffuser augmented turbines
 NT3 horizontal axis turbines
 NT3 vertical axis turbines
 NT4 giromill turbines
 NT4 tornado turbines
 NT3 vortex augmented turbines
 NT1 turbochargers
 NT1 turbodrills
 NT1 turbofan engines
 NT1 turbogenerators
 NT1 turbojet engines
 RT compressors
 RT pumps

TURBOMOLECULAR PUMPS

*BT1 vacuum pumps

TURBULENCE

RT attractors
 RT diffusion
 RT fluid flow
 RT hurricanes
 RT mixing
 RT stirring
 RT tornadoes
 RT turbulent flow
 RT vortices
 RT wind

TURBULENT FLOW

UF supercritical flow
 BT1 fluid flow
 RT critical flow
 RT laminar flow
 RT large-eddy simulation
 RT reynolds number
 RT richardson number
 RT turbulence
 RT two-phase flow
 RT viscous flow

TURBULENT HEATING

*BT1 plasma heating

TURKEY

1997-06-17
 UF marmara sea
 UF marmora sea
 UF sea of marmara
 BT1 asia
 BT1 developing countries
 BT1 middle east
 RT black sea
 RT euphrates river
 RT kizildere geothermal field
 RT oecd
 RT tigris river

TURKEY POINT-3 REACTOR

Florida Power and Light Co., Florida City,
 Florida, USA.
 *BT1 pwr type reactors

TURKEY POINT-4 REACTOR

Florida Power and Light Co., Florida City,
 Florida, USA.
 *BT1 pwr type reactors

**TURKISH ATOMIC ENERGY
AUTHORITY**

2003-08-27
 *BT1 turkish organizations

TURKISH ORGANIZATIONS

2003-08-26
 BT1 national organizations
 NT1 turkish atomic energy authority

turkish reactor-1

USE tr-1 reactor

turkish reactor-2

1991-07-02
 USE tr-2 reactor

TURKMENISTAN

INIS: 1997-08-20; ETDE: 1993-04-08
 (Until January 1993, this was indexed by
 USSR.)
 SF soviet union
 SF union of soviet socialist republics
 SF ussr
 BT1 asia
 RT caspian sea

turku cyclotron

USE aabo cyclotron

turnips

USE brassica

turnover (radionuclides)

USE radionuclide kinetics

TURPENTINE

*BT1 organic solvents
 *BT1 terpenes
 RT hydrocarbons

TURTLES

*BT1 reptiles

TUVALU

1991-07-02
 *BT1 micronesia
 RT pacific ocean

tva

INIS: 1977-01-25; ETDE: 1976-01-07
 USE tennessee valley authority

TVA-1 REACTOR

TVA, USA. Canceled before construction
 began.
 UF tennessee valley authority reactor-1
 *BT1 pwr type reactors

TVA-2 REACTOR

TVA, USA. Canceled before construction
 began.
 UF tennessee valley authority reactor-2
 *BT1 pwr type reactors

tvo-1 reactor

INIS: 1997-06-19; ETDE: 1976-08-24
 Name changed in June 1997 to OLKILUOTO-
 1 REACTOR.
 (Until then this was a valid descriptor.)
 USE olkiluoto-1 reactor

tvo-2 reactor

INIS: 1997-06-19; ETDE: 1976-08-24
 Name changed in June 1997 to OLKILUOTO-
 2 REACTOR.
 (Until then this was a valid descriptor.)
 USE olkiluoto-2 reactor

tvo-3 reactor

2005-09-08
 USE olkiluoto-3 reactor

TWINNING

RT crystal structure
 RT microstructure
 RT slip

TWISTOR THEORY

INIS: 1978-07-31; ETDE: 1975-08-19
 Quantized points of space-time.
 UF penrose twistor theory
 RT gravitation

RT quantum mechanics
RT space-time
RT unified field theories

TWMR REACTOR

2000-04-12
UF tungsten water moderated reactor
**BT1* space propulsion reactors
**BT1* water moderated reactors

TWO-BODY PROBLEM

BT1 many-body problem
RT resonating-group method

TWO-COMPONENT NEUTRINO THEORY

RT beta decay
RT neutrinos
RT spin

TWO-COMPONENT TORUS

INIS: 1976-03-02; *ETDE*: 1975-11-26
UF *tct*
**BT1* tokamak devices

TWO-DIMENSIONAL CALCULATIONS

UF 2-dimensional calculations
UF calculations (2-dimensional)
RT adjoint difference method
RT ising model
RT many-dimensional calculations
RT mathematics
RT surfaces

TWO-DIMENSIONAL ELECTROPHORESIS

INIS: 1993-08-03; *ETDE*: 1987-05-06
BT1 electrophoresis
RT fractionation
RT nucleic acids

TWO-DIMENSIONAL SYSTEMS

2015-06-22
Use only for two dimensional crystal lattices
**BT1* crystal lattices
NT1 hexagonal systems
NT1 pentagonal systems
RT germanene

two-fireball model

USE fireball model

two-fluid theory

USE landau liquid helium theory

TWO-NUCLEON TRANSFER REACTIONS

**BT1* multi-nucleon transfer reactions

TWO-PHASE FLOW

BT1 fluid flow
RT boiling
RT gas flow
RT heat transfer
RT liquid flow
RT richardson number
RT turbulent flow

TWO-STREAM INSTABILITY

**BT1* plasma microinstabilities
RT fluid flow

tybo event

INIS: 2000-04-12; *ETDE*: 1976-03-11
A test made during PROJECT BEDROCK.
(Prior to January 1995, this was a valid ETDE descriptor.)
USE nuclear explosions
USE underground explosions

tyco process

2000-04-12
Process for removal of sulfur dioxide, nitrogen monoxide, and nitrogen dioxide from flue gases.
(Prior to March 1994, this was a valid ETDE descriptor.)
USE desulfurization

TYPE-I SUPERCONDUCTORS

BT1 superconductors

TYPE I SUPERNOVAE

2014-02-26
**BT1* supernovae

TYPE-II SUPERCONDUCTORS

2000-05-30
UF type-iii superconductors
BT1 superconductors
NT1 high-tc superconductors

TYPE II SUPERNOVAE

2014-02-26
**BT1* supernovae

type-iii superconductors

USE type-ii superconductors

TYPHOID

**BT1* bacterial diseases
RT salmonella

TYPHUS

**BT1* rickettsial diseases
RT rickettsiae

TYRAMINE

**BT1* amines
**BT1* phenols
**BT1* sympathomimetics

TYRONE-1 REACTOR

Northern States Power Co., Durand, Wisconsin, USA. Canceled in 1979 before construction began.
**BT1* pwr type reactors

TYRONE-2 REACTOR

Northern States Power Co., Durand, Wisconsin, USA. Canceled in 1974 before construction began.
**BT1* pwr type reactors

TYROSINASE

**BT1* hydroxylases

TYROSINE

**BT1* amino acids
**BT1* hydroxy acids
RT diiodotyrosine
RT melanin
RT methyl tyrosine
RT phenylalanine

TYUYAMUNITE

**BT1* oxide minerals
**BT1* uranium minerals
RT calcium oxides
RT uranium oxides
RT vanadium oxides

TZ1 REACTOR

INIS: 1985-06-07; *ETDE*: 1985-07-18
UF tammuz-1 reactor
**BT1* enriched uranium reactors
**BT1* experimental reactors
**BT1* isotope production reactors
**BT1* pool type reactors
**BT1* thermal reactors

TZ2 REACTOR

INIS: 1985-06-07; *ETDE*: 1985-07-18
Shutdown since 1991. Under decommissioning.
UF tammuz-2 reactor
**BT1* enriched uranium reactors
**BT1* experimental reactors
**BT1* pool type reactors
**BT1* thermal reactors

tzm

INIS: 2000-04-12; *ETDE*: 1978-12-20
USE alloy-mo99

U-1 GROUPS

**BT1* u groups

U-12 GROUPS

**BT1* u groups

U-2 GROUPS

**BT1* u groups

u-2375 resonances

1987-12-21
(Prior to December 1987 this was a valid descriptor.)
USE f4-2300 mesons

U-3 GROUPS

**BT1* u groups

U-4 GROUPS

**BT1* u groups

U-5 GROUPS

INIS: 1986-08-19; *ETDE*: 1986-09-05
**BT1* u groups

U-6 GROUPS

**BT1* u groups

u-70 synchrotron

2014-12-08
USE serpukhov synchrotron

U ANTIQUARKS

2007-06-26
**BT1* antiquarks
**BT1* u quarks

U CENTERS

**BT1* color centers

U CHANNEL

RT mandelstam representation
RT particle interactions
RT s channel
RT t channel

U CODES

BT1 computer codes

U-GAS PROCESS

1994-07-01
Institute of Gas Technology process for producing low-btu gas (140 btu/scf) by reacting crushed coal with air and steam in a single-stage fluidized-bed gasifier at 350 psi and 1900 degrees F.
**BT1* coal gasification

U GROUPS

**BT1* lie groups
NT1 u-1 groups
NT1 u-12 groups
NT1 u-2 groups
NT1 u-3 groups
NT1 u-4 groups
NT1 u-5 groups
NT1 u-6 groups
RT unitary symmetry

u processes

USE umklapp processes

U QUARKS

INIS: 1995-09-08; ETDE: 1995-10-03

*BT1 quarks

NT1 u antiquarks

RT quarkonium

U VALUES

INIS: 2000-04-12; ETDE: 1978-04-06

Values for heat transfer through materials in
btu/hr per unit area as a function of the
temperature gradient.

RT building materials

RT heat transfer

RT r factors

u3o8

INIS: 1985-11-18; ETDE: 1975-10-02

(Prior to December 1985 this was a valid
descriptor.)

USE uranium oxides u3o8

uar

USE egyptian arab republic

UBIQUINONE

*BT1 benzoquinones

BT1 coenzymes

RT vitamin k

UCAP PROCESS

INIS: 2000-04-12; ETDE: 1980-05-06

*BT1 desulfurization

RT claus process

UCBRR REACTOR

Berkeley Research Reactor, Univ. of
California, Berkeley, California, USA. Shut
down in 1987.

UF berkeley research reactor

UF berkeley triga reactor

UF california berkeley triga reactor

UF university of california, berkeley
triga reactor

UF university of california berkeley
reactor

*BT1 isotope production reactors

*BT1 pulsed reactors

*BT1 thermal reactors

*BT1 training reactors

*BT1 triga type reactors

ucirr reactor

1985-07-19

(Prior to July 1985, this was a valid ETDE
descriptor.)

USE triga-1-california reactor

UCLA

2000-05-22

UF university of california / los angeles

RT california

RT us doe

uclbl

USE lawrence berkeley laboratory

uclll

USE lawrence livermore laboratory

UCLRL CYCLOTRONS

*BT1 isochronous cyclotrons

NT1 lbl 88-inch cyclotron

UDIMET 500

INIS: 2000-04-12; ETDE: 1979-09-06

*BT1 tungsten alloys

*BT1 udimet alloys

UDIMET 700

1983-11-07

*BT1 alloy-ni53co19cr15mo5al4ti3

UDIMET ALLOYS

*BT1 chromium alloys

*BT1 cobalt alloys

*BT1 heat resisting alloys

*BT1 molybdenum alloys

*BT1 nickel base alloys

*BT1 titanium alloys

NT1 alloy-ni53co19cr15mo5al4ti3

NT2 udimet 700

NT1 udimet 500

udpg (uridine diphosphoglucose)

INIS: 2005-01-17; ETDE: 2005-02-01

(Prior to January 2005 UDPG was a valid
descriptor.)

USE uridine diphosphoglucose

UFTR REACTOR

Univ. of Florida, Gainesville, Florida, USA.

UF florida university reactor

UF university of florida reactor

*BT1 argonaut type reactors

*BT1 isotope production reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 training reactors

UGANDA

BT1 africa

BT1 developing countries

uhde-pfirrmann process

2000-04-12

A direct conversion of coal to synthetic crude
oil by hydrogenation during and after solvent
extraction.

(Prior to July 1993, this was a valid ETDE
descriptor.)

USE coal liquefaction

uhf (lower range)

USE ghz range 01-100

uhf (upper range)

USE ghz range 100-1000

uhf radiation (01-100 ghz)

USE ghz range 01-100

USE radiowave radiation

uhf radiation (100-1000 mhz)

USE mhz range 100-1000

USE radiowave radiation

uhf radiation (lower range)

USE mhz range 100-1000

USE radiowave radiation

uhf radiation (upper range)

USE ghz range 01-100

USE radiowave radiation

UHTREX REACTOR

LANL, Los Alamos, New Mexico, USA.

UF ultrahigh temperature reactor
experiment

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 graphite moderated reactors

*BT1 helium cooled reactors

*BT1 thermal reactors

UHV AC SYSTEMS

INIS: 2000-04-12; ETDE: 1976-05-17

Over 765 kV.

UF ultrahigh voltage alternating current
systems

*BT1 ac systems

UHV DC SYSTEMS

INIS: 1992-03-09; ETDE: 1976-05-17

Over 765 kV.

UF ultrahigh voltage dc systems

UF ultrahigh voltage direct current
systems

*BT1 dc systems

UINTA BASIN

2000-04-12

RT colorado

RT oil shale deposits

RT uinta formation

RT utah

UINTA FORMATION

INIS: 2000-04-12; ETDE: 1975-12-16

Strata of eocene age and continental origin
occurring typically in the Uinta Basin in Utah
and Colorado.

*BT1 green river formation

RT colorado

RT oil shale deposits

RT oil shales

RT uinta basin

RT utah

UJD

2002-12-17

Organisation responsible for use of nuclear
energy in Slovakia.

UF nuclear regulatory authority of the
slovak republic

UF slovak nuclear regulatory authority

UF urad jadroveho dozoru slovenskej
republiky

*BT1 slovak organizations

ujm

INIS: 1976-08-17; ETDE: 1976-11-02

Uncorrelated-jet model.

USE jet model

UJV

1997-11-05

Nuclear Research Institute, Rez, Czech
Republic.

UF ustav jaderného výzkumu

UF ustav jaderných výzkumu

*BT1 czech organizations

uk atomic energy authority

1977-03-14

USE ukaea

**UK NATIONAL PHYSICAL
LABORATORY**

INIS: 1994-08-12; ETDE: 1983-03-07

(Until August 1994 this descriptor was spelled
UK NATIONALPHYSICAL LAB.)

*BT1 united kingdom organizations

UK NII

INIS: 1983-06-02; ETDE: 1983-07-07

HM Nuclear Installations Inspectorate.

UF nii (uk)

UF nuclear installations inspectorate

UF uk nuclear installations inspectorate

*BT1 united kingdom organizations

uk nuclear installations inspectorate

INIS: 1993-11-10; ETDE: 1983-07-07

USE uk nii

uk royal naval college-jason reactor

1993-11-10

USE jason reactor

UKAEA

UF uk atomic energy authority

*BT1 united kingdom organizations

NT1 aere

NT1 culham laboratory
RT united kingdom

ukaea-dido reactor

USE dido reactor

ukaea-juno reactor

USE juno reactor

ukaea-lido reactor

USE lido reactor

ukaea-merlin reactor

2000-04-12

USE merlin reactor

ukaea-nestor reactor

USE nestor reactor

UKNR REACTOR

2000-04-12

Univ. of Kansas, Lawrence, Kansas, USA.

UF university of kansas nuclear reactor

*BT1 enriched uranium reactors

*BT1 isotope production reactors

*BT1 pool type reactors

*BT1 research reactors

*BT1 thermal reactors

UKRAINE

INIS: 1997-08-20; **ETDE:** 1993-02-08

(Until January 1993, this was indexed by UKRAINIAN SSR.)

UF ukrainian ssr

SF soviet union

SF union of soviet socialist republics

SF ussr

*BT1 eastern europe

NT1 crimea

RT black sea

RT danube river

RT dnier river

RT pripet river

UKRAINIAN ORGANIZATIONS

INIS: 1999-07-08; **ETDE:** 1999-08-30

BT1 national organizations

ukrainian ssr

1993-02-02

(Until January 1993, this was a valid descriptor.)

USE ukraine

ulcc

INIS: 2000-04-12; **ETDE:** 1976-08-04

USE tanker ships

ULCERS

BT1 pathological changes

RT fistulae

RT gangrene

RT necrosis

ULCHIN-1 REACTOR

1991-07-02

Ulchin, Republic of Korea.

UF hanul-1 reactor

UF uljin-1 reactor

*BT1 pwr type reactors

ULCHIN-2 REACTOR

1991-07-02

Ulchin, Republic of Korea.

UF hanul-2 reactor

UF uljin-2 reactor

*BT1 pwr type reactors

ULCHIN-3 REACTOR

INIS: 1997-10-03; **ETDE:** 1998-02-24

Ulchin, Republic of Korea.

UF hanul-3 reactor

*BT1 pwr type reactors

ULCHIN-4 REACTOR

1997-10-03

Ulchin, Republic of Korea.

UF hanul-4 reactor

*BT1 pwr type reactors

ULCHIN-5 REACTOR

2017-10-25

Ulchin, Republic of Korea.

*BT1 pwr type reactors

ULCHIN-6 REACTOR

2017-10-25

Ulchin, Republic of Korea.

UF hanul-6 reactor

*BT1 pwr type reactors

uljin-1 reactor

1991-07-02

USE ulchin-1 reactor

uljin-2 reactor

1991-07-02

USE ulchin-2 reactor

ultimate storage

INIS: 1982-12-06; **ETDE:** 2002-05-11

USE waste disposal

ULTIMATE STRENGTH

1980-05-14

UF strength (ultimate)

BT1 mechanical properties

RT tensile properties

ULTRACENTRIFUGATION

*BT1 centrifugation

RT cell constituents

RT centrifuge enrichment plants

RT gas centrifugation

RT subcellular distribution

ultracentrifuge enrichment plants

INIS: 1978-02-23; **ETDE:** 1978-04-27

USE centrifuge enrichment plants

ULTRACENTRIFUGES

*BT1 centrifuges

RT centrifugation

RT gas centrifuges

RT isotope separation

ULTRACOLD NEUTRONS

*BT1 cold neutrons

RT neutron converters

RT neutron guides

ULTRAFILTRATION

*BT1 filtration

RT filters

RT glomeruli

RT sampling

ultrahigh frequency (lower range)

1993-11-10

USE ghz range 01-100

ultrahigh frequency (upper range)

1993-11-10

USE ghz range 100-1000

ultrahigh frequency radiation (01-100 ghz)

1993-11-10

USE ghz range 01-100

USE radiowave radiation

ultrahigh frequency radiation (100-1000 mhz)

1993-11-10

USE mhz range 100-1000

USE radiowave radiation

ultrahigh frequency radiation (lower range)

1993-11-10

USE mhz range 100-1000

USE radiowave radiation

ultrahigh frequency radiation (upper range)

1993-11-10

USE ghz range 01-100

USE radiowave radiation

ULTRAHIGH-SPEED PHOTOGRAPHY

BT1 photography

ultrahigh temperature

1992-07-03

(Prior to February 1992, this was a valid ETDE descriptor.)

USE temperature range over 4000 k

ultrahigh temperature reactor experiment

1993-11-10

USE uhtrex reactor

ultrahigh vacuum

(Prior to November 2003 this was a valid descriptor.)

SEE pressure range below 1 nano pa

SEE pressure range micro pa

SEE pressure range nano pa

ultrahigh voltage alternating current systems

INIS: 2000-04-12; **ETDE:** 1976-05-17

USE uhv ac systems

ultrahigh voltage dc systems

INIS: 1992-03-09; **ETDE:** 2002-05-11

USE uhv dc systems

ultrahigh voltage direct current systems

INIS: 2000-04-12; **ETDE:** 1976-05-17

USE uhv dc systems

ULTRALOW FREQUENCY RADIATION

*BT1 electromagnetic radiation

ultralow temperature

1992-01-23

(Prior to February 1992, this was a valid ETDE descriptor.)

USE temperature range 0000-0013 k

ultramarine

1996-07-15

(Until June 1996 this was a valid descriptor.)

USE pigments

ULTRASONIC BUBBLE CHAMBERS

*BT1 bubble chambers

ULTRASONIC MACHINING

BT1 machining

ULTRASONIC TESTING

*BT1 acoustic testing

RT acoustic measurements

RT ultrasonic waves

ULTRASONIC WAVES

UF ultrasonics

BT1 sound waves

RT cavitation

RT ultrasonic testing

RT ultrasonography

ULTRASONIC WELDING

*BT1 welding

ultrasonics

USE ultrasonic waves

ULTRASONOGRAPHY

INIS: 1986-05-26; ETDE: 1978-09-11

UF echography
BT1 diagnostic techniques
RT ultrasonic waves

ULTRASTRUCTURAL CHANGES

BT1 morphological changes
RT biological repair
RT cell constituents
RT cytology
RT electron microscopy
RT photoreactivation

ULTRAVIOLET DIVERGENCES

UF divergences (ultraviolet)
RT quantum electrodynamics

ULTRAVIOLET RADIATION

*BT1 electromagnetic radiation
NT1 extreme ultraviolet radiation
NT1 far ultraviolet radiation
NT1 near ultraviolet radiation
RT photoreactivation
RT raman effect
RT ultraviolet spectra

ULTRAVIOLET SPECTRA

2000-05-22

BT1 spectra
NT1 extreme ultraviolet spectra
RT absorption spectroscopy
RT electronic structure
RT structural chemical analysis
RT ultraviolet radiation

ULTRAVIOLET SPECTROMETERS

INIS: 1978-08-14; ETDE: 1978-10-19

*BT1 spectrometers

ULVA

*BT1 algae

ulyanovsk reactor vk-50

USE vk-50 reactor

ULYSSE REACTOR

INSTN, CEN, Saclay, France. Shut down since 2007. Under decommissioning.

*BT1 argonaut type reactors
*BT1 thermal reactors
*BT1 training reactors

UMKLAPP PROCESSES

UF u processes
*BT1 electromagnetic interactions
RT crystals
RT electric conductivity
RT electrons
RT phonons
RT thermal conductivity

umm al qaiwan

INIS: 1992-05-07; ETDE: 1976-08-05

USE united arab emirates

UMNE-1 REACTOR

Univ. of Maryland, College Park, Maryland, USA.

UF maryland univ. reactor
UF umr reactor
UF university of maryland reactor
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 training reactors

umohoite

1996-07-15

(Until June 1996 this was a valid descriptor.)

USE oxide minerals
USE uranium minerals

UMP

1982-02-09

UF uridine monophosphate
*BT1 nucleotides
RT uridine

umr reactor

USE umne-1 reactor

UMRR REACTOR

Univ. of Missouri-Rolla, Rolla, Missouri, USA.

UF missouri school of mines reactor
UF missouri university/rolla research reactor
UF msmr reactor
UF rolla research reactor
UF university of missouri/rolla research reactor
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 training reactors

un scientific committee on effects of atomic radiation

INIS: 1993-11-10; ETDE: 2002-05-11

USE unscear

unbihexium

INIS: 1985-12-10; ETDE: 2002-05-11

USE element 126

unbinilium

INIS: 1985-12-10; ETDE: 2002-05-11

USE element 120

unbiocitium

INIS: 1985-12-10; ETDE: 2002-05-11

USE element 128

unbiquadium

2010-05-19

USE element 124

uncertainty in data values

INIS: 1985-12-10; ETDE: 1981-08-21

USE data covariances

UNCERTAINTY PRINCIPLE

UF heisenberg principle
RT quantum mechanics

UNCONSOLIDATED ROCK

2009-12-21

Rock that is weakly cemented or so poorly consolidated that it disintegrates under forces exerted upon it.

UF weakly cemented formations
BT1 geologic structures
RT rocks

UNCONTROLLED BORON**DILUTION**

2017-07-18

UF boron dilution accident
*BT1 reactor accidents

uncorrelated-jet model

INIS: 1976-08-17; ETDE: 1976-11-02

USE jet model

UNCORRELATED-PARTICLE MODEL

*BT1 particle models

RT jet model

UNDERGROUND

(From November 1976 till March 1997

UNDERGROUND SPACE was a valid ETDE descriptor.)

SF subsurface environments
SF underground space
BT1 levels
RT aquifers
RT ground water
RT soils
RT underground storage

underground buildings

INIS: 2000-04-12; ETDE: 1977-09-19

USE earth-covered buildings

UNDERGROUND DISPOSAL

For disposal of wastes deep underground.

SF waste burial
*BT1 waste disposal
RT asse salt mine
RT backfilling
RT boom clay
RT disposal wells
RT gases
RT gorleben salt dome
RT ground cover
RT ground disposal
RT hydraulic conductivity
RT konrad ore mine
RT morsleben salt mine
RT opalinus clay
RT radioactive waste disposal
RT reinjection
RT salt deposits
RT shaft excavations
RT underground facilities

UNDERGROUND EXPLOSIONS

1996-07-23

(The UF references have been valid ETDE descriptors.)

UF agrini event
UF almendro event
UF baneberry event
UF benham event
UF bowline operation
UF boxcar event
UF calabash event
UF cannikin event
UF carpetbag event
UF dining car event
UF emery operation
UF essex i project
UF faultless event
UF flintlock operation
UF fulcrum operation
UF fusileer operation
UF greeley event
UF halfbeak event
UF handcar event
UF handley event
UF husky ace event
UF hutch event
UF jorum event
UF latir event
UF marvel event
UF mighty epic event
UF milrow event
UF miniata event
UF palanquin event
UF pin stripe event
UF portmanteau event
UF redmud event
UF rulison event
UF schooner event
UF scotch event
UF tybo event

BT1 explosions
 NT1 arbor project
 NT1 contained explosions
 NT1 crosstie operation
 NT2 gasbuggy event
 NT1 grommet operation
 NT1 latchkey operation
 NT1 mandrel operation
 NT1 nougat operation
 NT1 sun beam operation
 NT1 toggle operation
 NT2 rio blanco event
 NT1 whetstone operation
 RT anvil project
 RT bedrock project
 RT cavities
 RT chemical explosions
 RT chimneys
 RT cratering explosions
 RT craters
 RT explosive fracturing
 RT explosive stimulation
 RT ground motion
 RT in-country detection
 RT in-situ processing
 RT landslides
 RT mining
 RT nuclear excavation
 RT nuclear explosion detection
 RT nuclear explosions
 RT plowshare project
 RT praetorian project
 RT rayleigh waves
 RT seismic detection
 RT seismic effects
 RT seismic p waves
 RT seismic s waves
 RT seismic waves
 RT seismographs
 RT seismology
 RT thunderbird project
 RT underground mining
 RT underwater explosions
 RT upshot project
 RT vela project

UNDERGROUND FACILITIES

INIS: 1986-07-09; ETDE: 1982-05-12

(From November 1976 till March 1997 UNDERGROUND SPACE was a valid ETDE descriptor.)

UF facilities (underground)
 SF underground space
 NT1 hades underground research facility
 NT1 mines
 NT2 asse salt mine
 NT2 coal mines
 NT2 konrad ore mine
 NT2 uranium mines
 NT3 beaverlodge mine
 NT3 cluff lake mine
 NT3 key lake mine
 NT3 mary kathleen mines
 NT3 olympic dam mine
 NT3 osamu utsumi mine
 NT3 rum jungle mine
 NT3 stanleigh mine
 NT1 tunnels
 NT2 mine roadways
 NT1 underground nuclear stations
 NT1 wipp
 RT energy facilities
 RT fallout shelters
 RT nuclear facilities
 RT subsurface structures
 RT sudbury neutrino observatory
 RT underground disposal
 RT underground storage

underground gasification

INIS: 2000-04-12; ETDE: 1978-05-03

USE in-situ gasification

underground heat distribution systems

INIS: 2000-05-04; ETDE: 1976-05-17

USE heat distribution systems

UNDERGROUND MINING

1997-06-17

BT1 mining
 NT1 advance mining
 NT1 caving mining
 NT1 longwall mining
 NT1 retreat mining
 NT1 room and pillar mining
 NT1 shortwall mining
 NT1 slice mining
 RT caving
 RT coal mining
 RT cratering explosions
 RT excavation
 RT fracturing
 RT mine draining
 RT mine drivage
 RT mine roadways
 RT mine shafts
 RT mines
 RT mining engineering
 RT modified in-situ processes
 RT oil shale mining
 RT panels
 RT stowing
 RT strata movement
 RT surface mining
 RT tunneling
 RT underground explosions

underground nuclear power plants

USE underground nuclear stations

UNDERGROUND NUCLEAR STATIONS

UF underground nuclear power plants
 *BT1 nuclear power plants
 BT1 underground facilities
 RT power reactors
 RT reactor sites

UNDERGROUND POWER

TRANSMISSION

1993-03-18

BT1 power transmission
 RT power systems

underground space

INIS: 2000-04-12; ETDE: 1976-11-17

(Prior to March 1997 this was a valid ETDE descriptor.)

SEE cavities
 SEE underground
 SEE underground facilities

UNDERGROUND STORAGE

INIS: 1977-06-13; ETDE: 1976-11-17

BT1 storage
 RT cavities
 RT energy storage
 RT geologic deposits
 RT strategic petroleum reserve
 RT subsurface structures
 RT underground
 RT underground facilities
 RT us naval petroleum reserves
 RT waste storage

UNDERWATER

BT1 levels
 RT dumand project

RT underwater operations

UNDERWATER EXPLOSIONS

UF swordfish event
 BT1 explosions
 RT crossroads project
 RT dominic project
 RT nuclear excavation
 RT nuclear explosions
 RT underground explosions

UNDERWATER FACILITIES

INIS: 1999-03-12; ETDE: 1977-03-08

UF facilities (underwater)
 RT diving operations
 RT dumand project
 RT manipulators
 RT offshore operations
 RT underwater operations

UNDERWATER OPERATIONS

INIS: 1992-10-20; ETDE: 1977-03-08

NT1 diving operations
 RT manipulators
 RT offshore operations
 RT underwater
 RT underwater facilities

underwater vehicles

INIS: 2000-04-12; ETDE: 1977-01-28

USE submarines

UNDP

INIS: 2005-12-19; ETDE: 2006-01-25

UF united nations development program
 BT1 international organizations
 RT united nations

undulators

INIS: 1987-08-27; ETDE: 1987-10-02

USE wiggler magnets

unemployment

INIS: 1993-01-27; ETDE: 1977-08-09

USE employment

UNEP

INIS: 1999-08-16; ETDE: 2002-05-11

United Nations Environmental Programme.

BT1 international organizations
 RT united nations

UNESCO

INIS: 1975-11-07; ETDE: 1975-12-16

United Nations Educational, Scientific and Cultural Organization.

BT1 international organizations
 RT united nations

UNFCCC

2010-03-03

UF united nations framework convention on climate change
 *BT1 multilateral agreements
 RT climatic change
 RT paris agreement
 RT redd

UNFINISHED OILS

INIS: 2000-04-12; ETDE: 1979-12-10

All petroleum requiring further refinery processing.

BT1 petroleum products

UNGLAZED SOLAR COLLECTORS

INIS: 2000-04-12; ETDE: 1979-02-27

*BT1 solar collectors

UNH

ETDE: 1978-03-08

UF uranyl nitrate hexahydrate
 BT1 hydrates
 *BT1 uranyl nitrates

unhexquadium

INIS: 1985-12-10; ETDE: 2002-05-11
USE element 164

UNICELLULAR ALGAE

*BT1 algae
BT1 microorganisms
NT1 chlamydomonas
NT1 chlorella
NT1 euglena
NT1 scenedesmus
RT plankton

unicracking/hds process

INIS: 2000-04-12; ETDE: 1982-05-12
Fixed-bed catalytic process for desulfurization of crudes and petroleum residues in the presence of hydrogen.
USE desulfurization

UNIDIR

1999-01-26
UF *united nations institute for disarmament research*
BT1 international organizations
RT arms control
RT nuclear weapons
RT united nations

UNIDO

INIS: 1988-06-22; ETDE: 1988-07-15
United Nations Industrial Development Organization.
BT1 international organizations
RT austria
RT united nations

UNIFIED FIELD THEORIES

INIS: 1995-08-10; ETDE: 1983-03-24
To be used for theories unifying gravitation with other interactions. For quantum field theory involving only electromagnetic, weak and strong interactions see GRAND UNIFIED THEORY.

(Prior to April 1983 this concept was indexed by EINSTEIN-SCHROEDINGER THEORY.)

BT1 field theories
NT1 einstein-schroedinger theory
NT1 kaluza-klein theory
NT1 supergravity
NT1 weinberg-salam gauge model
NT1 weyl unified theory
RT fundamental interactions
RT grand unified theory
RT gravitation
RT high-energy limit
RT low-energy limit
RT quantum gravity
RT supersymmetry
RT twistor theory
RT unified gauge models

UNIFIED GAUGE MODELS

1995-08-10
*BT1 particle models
*BT1 quantum field theory
NT1 grand unified theory
NT2 standard model
NT1 weinberg-salam gauge model
RT gauge invariance
RT inflationary universe
RT kaluza-klein theory
RT unified field theories

UNIFIED MODEL

*BT1 nuclear models

UNILAC

1975-10-09
*BT1 heavy ion accelerators
*BT1 linear accelerators

RT fair accelerator complex

UNINTERRUPTIBLE POWER SUPPLIES

2006-08-23
UF *ups*
*BT1 power supplies

union carbide waste processing system

INIS: 2000-04-12; ETDE: 1975-11-26
USE purox pyrolysis process

union of soviet socialist republics

2000-04-12
All the constituents of the former USSR are listed below; use one or more as required. (Prior to September 1997 USSR was used for this concept.)

SEE armenia
SEE azerbaijan
SEE belarus
SEE estonia
SEE kazakhstan
SEE kyrgyzstan
SEE latvia
SEE lithuania
SEE moldova
SEE republic of georgia
SEE russian federation
SEE tajikistan
SEE turkmenistan
SEE ukraine
SEE uzbekistan

UNION OIL PROCESS

2000-04-12
A shale retorting process of the direct-heated type, using air injected into a moving bed of coarsely crushed shale to support combustion to supply process heat.
RT oil shales

unipolar transistors

USE field effect transistors

unisist

1996-07-15
(Until June 1996 this was a valid descriptor.)
SEE information retrieval
SEE information systems

UNISULF PROCESS

INIS: 2000-04-12; ETDE: 1983-03-23
Involves Union Oil proprietary solvent used in their Stretford units.
*BT1 desulfurization
*BT1 waste processing

unit tenaga nuklear (malaysia)

INIS: 1985-10-23; ETDE: 1985-11-13
USE puspati

UNITARITY

RT nonunitary representations
RT s matrix
RT unitary symmetry

UNITARY POLE APPROXIMATION

*BT1 approximations
RT k matrix
RT many-body problem
RT s matrix

UNITARY SYMMETRY

BT1 symmetry
RT su groups
RT u groups
RT unitarity

UNITED ARAB EMIRATES

INIS: 1992-05-07; ETDE: 1976-08-04
UF *abu dhabi*
UF *ajman*
UF *dubai*
UF *fujaira*
UF *ras al khaima*
UF *sharja*
UF *umm al qaiwan*
BT1 arab countries
BT1 asia
RT oapec
RT opec

united arab republic

USE egyptian arab republic

united arab republic wwr-c reactor

1993-11-10
USE wwr-s-cairo reactor

UNITED KINGDOM

1995-04-03
UF *england*
UF *great britain*
UF *northern ireland*
UF *scotland*
SF *gibraltar*
BT1 developed countries
*BT1 western europe
RT bermuda
RT hbt devices
RT irish sea
RT oecd
RT severn river
RT ukaea

UNITED KINGDOM ORGANIZATIONS

BT1 national organizations
NT1 bnfl
NT1 british coal
NT1 ncsr
NT1 nrpb
NT1 uk national physical laboratory
NT1 uk nii
NT1 ukaea
NT2 aere
NT2 culham laboratory

UNITED NATIONS

1998-06-10
BT1 international organizations
RT ctbt
RT fao
RT iaea
RT ilo
RT imo
RT undp
RT unep
RT unesco
RT unidir
RT unido
RT unscear
RT who
RT wmo

united nations development program

INIS: 2005-12-19; ETDE: 2006-01-25
USE undp

united nations framework convention on climate change

2010-03-03
USE unfccc

united nations institute for disarmament research

2006-01-31
USE unidir

united nuclear corporation proof test reactor

2000-04-12

USE ptf-unc reactor

UNITED REPUBLIC OF TANZANIA

(Prior to July 2003, the shorter form TANZANIA was used.)

UF tanzania (*united republic of*)

BT1 africa

BT1 developing countries

united states of america

USE usa

united states uranium registry

INIS: 1994-02-28; ETDE: 1981-07-06

USE usur

UNITHIOL

*BT1 dithiols

*BT1 sulfonic acids

RT dimercaprol

UNITON

*BT1 natural units

RT gravitational fields

RT gravitons

UNITS

NT1 degree days

NT1 natural units

NT2 uniton

NT1 radiation dose units

NT1 reactivity units

NT2 dollars

NT2 inhours

NT1 si units

UNIVAC COMPUTERS

BT1 computers

universal blackbody radiation

USE blackbody radiation

UNIVERSE

UF cosmos

UF metagalaxy

RT cosmological critical density

RT cosmological models

RT cosmology

RT galactic evolution

RT holographic principle

RT hubble effect

RT intergalactic space

RT nonluminous matter

RT relict radiation

universite catholique louvain**cyclotron**

INIS: 1993-11-10; ETDE: 2002-05-11

USE cyclone cyclotron

universities

INIS: 1983-06-30; ETDE: 1983-07-20

USE educational facilities

university minas gerais triga reactor

1993-11-10

USE triga-brazil reactor

university of alberta slowpoke reactor

INIS: 1993-11-03; ETDE: 1980-01-24

USE slowpoke-alberta reactor

university of california, berkeley triga reactor

INIS: 1993-11-10; ETDE: 2002-05-11

USE ucbrt reactor

university of california / los angeles

1993-11-10

USE ucla

university of california berkeley reactor

2000-04-12

USE ucbrt reactor

university of california irvine reactor

1993-11-10

USE triga-1-california reactor

university of california lawrence radiation laboratory

1993-11-10

USE lawrence berkeley laboratory

university of florida reactor

2000-04-12

USE uftr reactor

university of illinois lopra reactor

2000-04-12

USE lopra reactor

university of illinois triga-mk-2 reactor

INIS: 1993-11-10; ETDE: 2002-05-11

USE triga-2-illinois reactor

university of illinois triga-mk-ii reactor

2000-04-12

USE triga-2-illinois reactor

university of kansas nuclear reactor

2000-04-12

USE uknr reactor

university of maryland reactor

2000-04-12

USE umne-1 reactor

university of missouri/columbia research reactor

1993-11-10

USE murr reactor

university of missouri/rolla research reactor

1993-11-10

USE umrr reactor

university of montreal slowpoke reactor

INIS: 1993-11-10; ETDE: 1980-01-24

USE slowpoke-montreal reactor

university of nevada l-77 reactor

2000-04-12

USE nevada university reactor

university of teheran research reactor

1993-11-10

USE utrr reactor

university of texas triga reactor

1993-11-10

USE triga-texas reactor

university of toronto slowpoke reactor

INIS: 1993-11-10; ETDE: 1980-01-24

USE slowpoke-toronto reactor

university of virginia reactor

2000-04-12

USE uvar reactor

university of washington reactor

2000-04-12

USE uwtr reactor

university of wisconsin nuclear reactor

1993-11-10

USE uwnr reactor

university of wisconsin tokamak

2000-04-12

USE uwmak devices

university training reactor queen mary

1993-11-10

USE queen mary college utr-b reactor

UNLEADED GASOLINE

INIS: 1992-07-21; ETDE: 1976-11-01

UF lead-free gasoline

*BT1 gasoline

RT gasoline service stations

UNLOADING

INIS: 1997-06-05; ETDE: 1978-06-14

(Until June 1997 this concept was indexed to MATERIALS HANDLING.)

BT1 materials handling

RT loading

unloading (fission reactor)

INIS: 1982-11-29; ETDE: 2002-05-11

USE reactor fueling

unloading (reactor)

2000-04-12

USE reactor fueling

UNMANNED AERIAL VEHICLES

2019-02-25

UF drone

UF unmanned aircraft

BT1 aircraft

RT aerial monitoring

RT aerial surveying

RT remote control

RT remote sensing

unmanned aircraft

2019-02-25

USE unmanned aerial vehicles

unnilennium

INIS: 1985-12-10; ETDE: 2002-05-11

USE meitnerium

unnillhexium

INIS: 1985-12-10; ETDE: 2002-05-11

USE seaborgium

unniloctium

INIS: 1985-12-10; ETDE: 2002-05-11

USE hassium

unnilpentium

INIS: 1985-12-10; ETDE: 2002-05-11

USE dubnium

unnilquadium

INIS: 1985-12-10; ETDE: 2002-05-11

USE rutherfordium

unnilseptium

INIS: 1985-12-10; ETDE: 2002-05-11

USE bohrium

unobserved matter

INIS: 1985-01-17; ETDE: 2002-05-11

In outer space.

USE nonluminous matter

unpinch devices

USE linear hard core pinch devices

unquadpentium

INIS: 1985-12-10; ETDE: 2002-05-11

USE element 145

UNSCEAR

INIS: 1975-10-09; ETDE: 1975-12-16

United Nations Scientific Committee on Effects of Atomic Radiation.

UF un scientific committee on effects of atomic radiation

BT1 international organizations

RT dose limits

RT radiation hazards

RT united nations

UNSEALED SOURCES

BT1 radiation sources

RT internal irradiation

RT radionuclide kinetics

unseen matter

INIS: 1985-01-17; ETDE: 2002-05-11

In outer space.

USE nonluminous matter

unsepttrium

INIS: 1985-12-10; ETDE: 2002-05-11

USE element 173

unsolicited proposals

INIS: 2000-04-12; ETDE: 1983-05-21

USE proposals

UNSTEADY FLOW

BT1 fluid flow

UNTERWESER REACTOR

Permanent shutdown since 2011.

UF kku reactor

*BT1 pwr type reactors

untriquadium

INIS: 1985-12-10; ETDE: 2002-05-11

USE element 134

ununbium

INIS: 1985-12-10; ETDE: 2002-05-11

USE copernicium

ununennium

INIS: 1985-12-10; ETDE: 2002-05-11

USE element 119

ununhexium

INIS: 1985-12-10; ETDE: 2002-05-11

USE livermorium

ununnilium

INIS: 1985-12-10; ETDE: 2002-05-11

USE darmstadtium

ununoctium

INIS: 1985-12-10; ETDE: 2002-05-11

USE oganesson

ununpentium

INIS: 1985-12-10; ETDE: 2002-05-11

USE moscovium

ununquadium

INIS: 1985-12-10; ETDE: 2002-05-11

USE flerovium

ununseptium

INIS: 1985-12-10; ETDE: 2002-05-11

USE tennessine

ununtrium

INIS: 1985-12-10; ETDE: 2002-05-11

USE nihonium

unununium

INIS: 1985-12-10; ETDE: 2002-05-11

USE roentgenium

upper volta

(Prior to February 2005 this was a valid descriptor.)

USE burkina faso

UPPSALA SYNCHROCYCLOTRON

*BT1 synchrocyclotrons

RT celsius storage ring

ups

2006-08-23

USE uninterruptible power supplies

UPSHOT PROJECT

UF project upshot

RT nuclear explosions

RT underground explosions

upsilon-10000 resonances

INIS: 1987-12-21; ETDE: 1979-09-06

(Prior to December 1987 this was a valid descriptor.)

USE upsilon-10023 mesons

UPSILON-10023 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02

(Prior to December 1987 this concept was indexed by UPSILON-10000 RESONANCES.)

UF upsilon-10000 resonances

*BT1 bottomonium

*BT1 vector mesons

upsilon-10350 resonances

INIS: 1987-12-21; ETDE: 1983-04-28

(Prior to December 1987 this was a valid descriptor.)

USE upsilon-10355 mesons

UPSILON-10355 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02

(Prior to December 1987 this concept was indexed by UPSILON-10350 RESONANCES.)

UF upsilon-10350 resonances

*BT1 bottomonium

*BT1 vector mesons

upsilon-10500 resonances

INIS: 1987-12-21; ETDE: 1978-12-20

(Prior to December 1987 this was a valid descriptor.)

USE upsilon-10580 mesons

upsilon-10575 mesons

INIS: 1995-08-07; ETDE: 1988-02-02

(From December 1987 until July 1995 this was a valid term.)

USE upsilon-10580 mesons

UPSILON-10580 MESONS

1995-08-07

(Until December 1987 this concept was indexed by UPSILON-10500

RESONANCES; from then until July 1995 it was indexed by UPSILON-10575 MESONS.)

UF upsilon-10500 resonances

UF upsilon-10575 mesons

*BT1 bottomonium

*BT1 vector mesons

UPSILON-10860 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02

*BT1 bottomonium

*BT1 vector mesons

UPSILON-11020 MESONS

INIS: 1987-12-21; ETDE: 1988-02-02

*BT1 bottomonium

*BT1 vector mesons

UPSILON-9460 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01

(Prior to December 1987 this concept was indexed by UPSILON-9500 RESONANCES.)

UF upsilon-9500 resonances

*BT1 bottomonium

*BT1 vector mesons

upsilon-9500 resonances

INIS: 1987-12-21; ETDE: 1978-07-05

(Prior to December 1987 this was a valid descriptor.)

USE upsilon-9460 mesons

upsilon resonances

INIS: 1988-03-08; ETDE: 1978-02-14

(Prior to December 1987 this was a valid descriptor.)

SEE bottomonium

SEE vector mesons

UPTAKE

UF incorporation (biological)

NT1 foliar uptake

NT1 intestinal absorption

NT1 root absorption

NT1 skin absorption

RT biological availability

RT intake

RT phosphoenolpyruvate

RT radionuclide kinetics

RT rectal administration

RT retention

UPWELLING

INIS: 1993-02-18; ETDE: 1977-11-09

The process by which water rises from a deeper to a shallower depth.

RT downwelling

RT oceanic circulation

RT water currents

URACH GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1984-09-05

Located in the Schwabian Alb, Federal Republic of Germany.

BT1 geothermal fields

RT federal republic of germany

uracil-6-carboxylic acid

USE orotic acid

URACILS

*BT1 hydroxy compounds

*BT1 pyrimidines

NT1 bromouracils

NT2 budr

NT1 chlorouracils

NT1 deoxyuridine

NT1 fluorouracils

NT2 fudr

NT1 iodouracils

NT2 iododeoxyuridine

NT1 orotic acid

NT1 thiouracil

NT1 thymine

NT1 uridine

RT uridine diphosphoglucose

RT uridylic acid

urad jadroveho dozoru slovenske republiky

2002-12-17

USE ujd

uragan-2 stellarator*INIS: 1984-06-21; ETDE: 2002-05-24*

USE uragan stellarator

uragan-3 stellarator*INIS: 1984-06-21; ETDE: 2002-05-24*

USE torsatron stellarators

URAGAN STELLARATOR*UF uragan-2 stellarator*

*BT1 stellarators

ural computers

1996-07-15

(Until June 1996 this was a valid descriptor.)

USE computers

ural mountains*INIS: 2000-04-12; ETDE: 1976-05-17*

USE urals

URALS*UF ural mountains*

BT1 mountains

*RT kazakhstan**RT russian federation***urals atomic power station**

SEE belyarsk-1 reactor

SEE belyarsk-2 reactor

SEE belyarsk-3 reactor

URANATES

1996-07-23

BT1 oxygen compounds

*BT1 uranium compounds

NT1 ammonium uranates

NT2 adu

NT1 bismuth uranates

NT1 cesium uranates

NT1 lithium uranates

NT1 potassium uranates

NT1 rubidium uranates

NT1 sodium uranates

NT1 strontium uranates

NT1 thallium uranates

URANINITES

*BT1 oxide minerals

*BT1 uranium minerals

NT1 broeggerite

NT1 pitchblende

*RT black sands**RT thucholite***URANIUM**

*BT1 actinides

NT1 depleted uranium

NT1 enriched uranium

NT2 highly enriched uranium

NT2 moderately enriched uranium

NT2 slightly enriched uranium

NT1 natural uranium

NT1 uranium-alpha

NT1 uranium-beta

NT1 uranium-gamma

*RT feed materials plants**RT natural radioactivity**RT nuclear fuels**RT uranium ores**RT uranium recycle**RT uranium requirements***URANIUM 217**

2007-04-23

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 milliseconds living radioisotopes

*BT1 uranium isotopes

URANIUM 218

1992-07-06

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 milliseconds living radioisotopes

*BT1 uranium isotopes

URANIUM 219

1993-06-25

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 microseconds living radioisotopes

*BT1 uranium isotopes

URANIUM 220

2007-04-23

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 uranium isotopes

URANIUM 221

2007-04-23

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 uranium isotopes

URANIUM 222*INIS: 1986-06-09; ETDE: 1988-12-05*

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 microseconds living radioisotopes

*BT1 uranium isotopes

URANIUM 223

1991-07-02

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 microseconds living radioisotopes

*BT1 uranium isotopes

URANIUM 224

1991-07-02

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 microseconds living radioisotopes

*BT1 uranium isotopes

URANIUM 225*INIS: 1989-07-19; ETDE: 1977-09-19*

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 milliseconds living radioisotopes

*BT1 uranium isotopes

URANIUM 226

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 milliseconds living radioisotopes

*BT1 uranium isotopes

URANIUM 227

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 minutes living radioisotopes

*BT1 uranium isotopes

URANIUM 228*UF uranium i*

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 minutes living radioisotopes

*BT1 uranium isotopes

URANIUM 229

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 minutes living radioisotopes

*BT1 uranium isotopes

URANIUM 230

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 days living radioisotopes

*BT1 even-even nuclei

*BT1 internal conversion radioisotopes

*BT1 uranium isotopes

URANIUM 231

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 uranium isotopes

URANIUM 232

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 neon 24 decay radioisotopes

*BT1 spontaneous fission radioisotopes

*BT1 uranium isotopes

*BT1 years living radioisotopes

URANIUM 232 TARGET*ETDE: 1976-07-09*

BT1 targets

URANIUM 233

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 neon 24 decay radioisotopes

*BT1 spontaneous fission radioisotopes

*BT1 uranium isotopes

*BT1 years living radioisotopes

URANIUM 233 TARGET*ETDE: 1976-07-09*

BT1 targets

URANIUM 234*UF uranium ii*

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 magnesium 28 decay radioisotopes

*BT1 neon 24 decay radioisotopes

*BT1 spontaneous fission radioisotopes

*BT1 uranium isotopes

*BT1 years living radioisotopes

URANIUM 234 TARGET*ETDE: 1976-07-12*

BT1 targets

URANIUM 235

*BT1 actinide nuclei

*BT1 alpha decay radioisotopes

*BT1 even-odd nuclei

*BT1 internal conversion radioisotopes

*BT1 isomeric transition isotopes

*BT1 minutes living radioisotopes

*BT1 spontaneous fission radioisotopes

*BT1 uranium isotopes

*BT1 years living radioisotopes

URANIUM 235 REACTIONS*INIS: 1977-06-14; ETDE: 1977-10-20*

*BT1 heavy ion reactions

URANIUM 235 TARGET*ETDE: 1976-07-09*

BT1 targets

URANIUM 236

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 uranium isotopes
- *BT1 years living radioisotopes

URANIUM 236 TARGET*ETDE: 1976-07-09*

BT1 targets

URANIUM 237

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 uranium isotopes

URANIUM 237 TARGET*ETDE: 1976-07-09*

BT1 targets

URANIUM 238

- *BT1 actinide nuclei
- *BT1 alpha decay radioisotopes
- *BT1 even-even nuclei
- *BT1 spontaneous fission radioisotopes
- *BT1 uranium isotopes
- *BT1 years living radioisotopes

URANIUM 238 BEAMS*INIS: 1977-09-15; ETDE: 1977-11-10*

*BT1 radioactive ion beams

URANIUM 238 REACTIONS*INIS: 1977-03-01; ETDE: 1977-10-20*

*BT1 heavy ion reactions

URANIUM 238 TARGET*ETDE: 1976-07-09*

UF natural uranium target

BT1 targets

URANIUM 239

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 uranium isotopes

URANIUM 239 TARGET*ETDE: 1976-07-09*

BT1 targets

URANIUM 240

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 uranium isotopes

URANIUM 240 TARGET*INIS: 1978-07-03; ETDE: 1978-03-08*

BT1 targets

URANIUM 241*2004-07-16*

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 uranium isotopes

URANIUM 242*INIS: 1986-06-09; ETDE: 1979-07-24*

- *BT1 actinide nuclei
- *BT1 beta-minus decay radioisotopes

- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 uranium isotopes

URANIUM 243 TARGET*INIS: 1992-09-23; ETDE: 1981-08-21*

BT1 targets

URANIUM ADDITIONS*Alloys containing not more than 1% U are listed here.*

RT uranium alloys

URANIUM ALLOYS*Alloys containing more than 1% U.*

- *BT1 actinide alloys
- NT1 uranium base alloys
- NT2 alloy-u90nb7zr3
- RT uranium additions

URANIUM-ALPHA

*BT1 uranium

URANIUM ARSENIDES

- *BT1 arsenides
- *BT1 uranium compounds

URANIUM BASE ALLOYS

- *BT1 uranium alloys
- NT1 alloy-u90nb7zr3

URANIUM-BETA

*BT1 uranium

URANIUM BLACK

- *BT1 oxide minerals
- *BT1 uranium minerals
- RT uranium oxides

URANIUM BORIDES

- *BT1 borides
- *BT1 uranium compounds

URANIUM BOROHYDRIDES*1999-03-08*

- *BT1 borohydrides
- *BT1 uranium compounds

URANIUM BROMIDES

- *BT1 bromides
- *BT1 uranium halides

URANIUM CARBIDES

- *BT1 carbides
- *BT1 uranium compounds
- RT mixed carbide fuels

URANIUM CARBONATES*1996-11-13*

- *BT1 carbonates
- *BT1 uranium compounds
- RT carbonate minerals
- RT diderichite
- RT uranium minerals

URANIUM CHLORIDES

- *BT1 chlorides
- *BT1 uranium halides

URANIUM COMPLEXES

- *BT1 actinide complexes
- NT1 uranyl complexes

URANIUM COMPOUNDS*1996-11-13*

- BT1 actinide compounds
- NT1 uranates
- NT2 ammonium uranates
- NT3 adu
- NT2 bismuth uranates
- NT2 cesium uranates
- NT2 lithium uranates
- NT2 potassium uranates
- NT2 rubidium uranates

- NT2 sodium uranates
- NT2 strontium uranates
- NT2 thallium uranates
- NT1 uranium arsenides
- NT1 uranium borides
- NT1 uranium borohydrides
- NT1 uranium carbides
- NT1 uranium carbonates
- NT1 uranium halides
- NT2 uranium bromides
- NT2 uranium chlorides
- NT2 uranium fluorides
- NT3 uranium hexafluoride
- NT3 uranium pentafluoride
- NT3 uranium tetrafluoride
- NT2 uranium iodides
- NT1 uranium hydrides
- NT1 uranium hydroxides
- NT1 uranium nitrates
- NT1 uranium nitrides
- NT1 uranium oxides
- NT2 uranium dioxide
- NT2 uranium oxides u3o8
- NT2 uranium trioxide
- NT1 uranium perchlorates
- NT1 uranium peroxide
- NT1 uranium phosphates
- NT1 uranium phosphides
- NT1 uranium selenides
- NT1 uranium silicates
- NT1 uranium silicides
- NT1 uranium sulfates
- NT1 uranium sulfides
- NT1 uranium tellurides
- NT1 uranium tungstates
- NT1 uranium vanadates
- NT1 uranyl compounds
- NT2 auc
- NT2 uranyl carbonates
- NT2 uranyl halides
- NT3 uranyl chlorides
- NT3 uranyl fluorides
- NT2 uranyl nitrates
- NT3 unh
- NT2 uranyl perchlorates
- NT2 uranyl phosphates
- NT2 uranyl silicates
- NT2 uranyl sulfates
- NT2 uranyl tungstates

URANIUM CONCENTRATES*1996-07-08*

- BT1 ore concentrates
- *BT1 uranium ores
- RT feed materials plants
- RT ore processing

URANIUM DEPOSITS*1996-01-25*

- BT1 geologic deposits
- *BT1 mineral resources
- NT1 blizzard deposit
- NT1 erzgebirge deposit
- NT1 jabiluka deposit
- NT1 koongarra deposit
- NT1 nabarlek deposit
- NT1 ranger deposit
- NT1 ranstad deposit
- NT1 roxby downs deposit
- NT1 south alligator deposit
- NT1 yeelirrie deposit
- RT chattanooga formation
- RT geophysical surveys
- RT green river formation
- RT natural analogue
- RT oklo phenomenon
- RT radiometric surveys
- RT uranium ores
- RT wasatch formation

URANIUM DIOXIDE

*BT1 uranium oxides

uranium enrichment

INIS: 1975-08-20; ETDE: 2002-05-24

USE isotope separation

uranium enrichment plants

INIS: 1976-04-03; ETDE: 2002-05-24

USE isotope separation plants

URANIUM FLUORIDES

*BT1 fluorides

*BT1 uranium halides

NT1 uranium hexafluoride

NT1 uranium pentafluoride

NT1 uranium tetrafluoride

URANIUM-GAMMA

*BT1 uranium

URANIUM HALIDES

2012-07-25

*BT1 halides

*BT1 uranium compounds

NT1 uranium bromides

NT1 uranium chlorides

NT1 uranium fluorides

NT2 uranium hexafluoride

NT2 uranium pentafluoride

NT2 uranium tetrafluoride

NT1 uranium iodides

URANIUM HEXAFLUORIDE

*BT1 uranium fluorides

RT sequoyah uf6 production plant

URANIUM HYDRIDES

*BT1 hydrides

*BT1 uranium compounds

URANIUM HYDROXIDES

*BT1 hydroxides

*BT1 uranium compounds

uranium i

USE uranium 228

uranium ii

USE uranium 234

URANIUM INSTITUTE

INIS: 1975-12-09; ETDE: 1976-08-25

An international trade association.

BT1 international organizations

URANIUM IODIDES

*BT1 iodides

*BT1 uranium halides

URANIUM IONS

*BT1 ions

URANIUM ISOTOPES

1999-07-16

BT1 isotopes

NT1 uranium 217

NT1 uranium 218

NT1 uranium 219

NT1 uranium 220

NT1 uranium 221

NT1 uranium 222

NT1 uranium 223

NT1 uranium 224

NT1 uranium 225

NT1 uranium 226

NT1 uranium 227

NT1 uranium 228

NT1 uranium 229

NT1 uranium 230

NT1 uranium 231

NT1 uranium 232

NT1 uranium 233

NT1 uranium 234

NT1 uranium 235

NT1 uranium 236

NT1 uranium 237

NT1 uranium 238

NT1 uranium 239

NT1 uranium 240

NT1 uranium 241

NT1 uranium 242

uranium mills

INIS: 1993-09-16; ETDE: 1978-07-05

USE feed materials plants

URANIUM MINERALS

1996-11-13

UF andersonite

UF bayleyite

UF boltwoodite

UF carburan

UF cuprosklodowskite

UF curite

UF cyrtolite

UF davidite

UF demesmaekerite

UF dumontite

UF euxenite

UF francevillite

UF gummite

UF hatchettolite

UF iriginite

UF johannite

UF lermontovite

UF liebigite

UF masuyite

UF moluranite

UF parsonsite

UF phosphuranylite

UF rutherfordite

UF schroeckingerite

UF sharpite

UF steenstrupine

UF strelkinite

UF umohoite

UF uranocircite

UF uranopilite

UF uranothorianite

UF uranotile

UF zeunerite

UF zippeite

*BT1 radioactive minerals

NT1 autunite

NT1 bassetite

NT1 becquerelite

NT1 billietite

NT1 brannerite

NT1 carnotite

NT1 clarkeite

NT1 coffinite

NT1 compregnacite

NT1 dewindtite

NT1 diderichite

NT1 djalmaite

NT1 ekanite

NT1 ellsworthite

NT1 ferghanite

NT1 fourmarierite

NT1 gastunite

NT1 guilleminite

NT1 hallimondite

NT1 heinrichite

NT1 ianthinite

NT1 kahlerite

NT1 kirchheimerite

NT1 lodochnikite

NT1 mackintoshite

NT1 moctezumite

NT1 montroseite

NT1 naegite

NT1 natroautunite

NT1 ningyoite

NT1 novacekite

NT1 para-schoepite

NT1 ranquillite

NT1 rauvite

NT1 sabugalite

NT1 saleeite

NT1 schoepite

NT1 sengierite

NT1 sklodowskite

NT1 soddyite

NT1 thorianite

NT1 thucholite

NT1 torbernite

NT1 tyuyamunite

NT1 uraninites

NT2 broeggerite

NT2 pitchblende

NT1 uranium black

NT1 uranophane

NT1 uranothorite

NT1 vesuvianite

RT uranium carbonates

RT uranium oxides

RT uranium phosphates

RT uranium silicates

RT uranium sulfates

URANIUM MINES

1996-01-24

*BT1 mines

NT1 beaverlodge mine

NT1 cluff lake mine

NT1 key lake mine

NT1 mary kathleen mines

NT1 olympic dam mine

NT1 osamu utsumi mine

NT1 rum jungle mine

NT1 stanleigh mine

RT natural analogue

URANIUM-MOLYBDENUM FUELS

2004-01-14

*BT1 alloy nuclear fuels

URANIUM NITRATES

*BT1 nitrates

*BT1 uranium compounds

URANIUM NITRIDES

*BT1 nitrides

*BT1 uranium compounds

RT mixed nitride fuels

uranium ore reserves

ETDE: 2002-05-24

USE uranium reserves

URANIUM ORES

1996-07-23

BT1 ores

NT1 caldasite

NT1 uranium concentrates

RT blizzard deposit

RT chattanooga formation

RT erzgebirge deposit

RT green river formation

RT jabiluka deposit

RT koongarra deposit

RT mining

RT nabarlek deposit

RT natural nuclear reactors

RT oklo phenomenon

RT ranger deposit

RT ranstad deposit

RT roxby downs deposit

RT solution mining

RT south alligator deposit

RT thiobacillus ferrooxidans

RT uranium

RT uranium deposits

RT uranium reserves
RT yeellirrie deposit

uranium oxide fuel plant

USE mixed oxide fuel fabrication plants

URANIUM OXIDES

1996-11-13

*BT1 oxides
 *BT1 uranium compounds
NT1 uranium dioxide
NT1 uranium oxides u3o8
NT1 uranium trioxide
RT becquerelite
RT billietite
RT brannerite
RT clarkeite
RT compregnacite
RT ellsworthite
RT ferghanite
RT fourmarierite
RT guilleminite
RT hallimondite
RT heinrichite
RT ianthinite
RT kahlerite
RT kirchheimerite
RT lodochnikite
RT moctezumite
RT naegite
RT novacekite
RT oxide minerals
RT para-schoepite
RT rauvite
RT schoepite
RT sengierite
RT thorianite
RT tyuyamunite
RT uranium black
RT uranium minerals

URANIUM OXIDES U3O8

1985-11-18

(Prior to December 1985 the form U3O8 was used.)

UF u3o8
UF yellow cake
 *BT1 uranium oxides

URANIUM PENTAFLUORIDE

INIS: 1977-04-07; ETDE: 1977-06-03

*BT1 uranium fluorides

URANIUM PERCHLORATES

1975-09-01

*BT1 perchlorates
 *BT1 uranium compounds

URANIUM PEROXIDE

INIS: 1977-11-21; ETDE: 1980-10-28

(Prior to July 1985 URANIUM PEROXIDES was a valid ETDE descriptor.)

*BT1 peroxides
 *BT1 uranium compounds

URANIUM PHOSPHATES

1996-11-13

*BT1 phosphates
 *BT1 uranium compounds
RT dewindtite
RT natroautunite
RT ningyoite
RT phosphate minerals
RT sabugalite
RT saleeite
RT torbernite
RT uranium minerals

URANIUM PHOSPHIDES

*BT1 phosphides
 *BT1 uranium compounds

URANIUM RECYCLE

INIS: 1987-03-24; ETDE: 1987-11-24

*BT1 closed fuel cycle
RT fuel cycle centers
RT uranium

URANIUM REQUIREMENTS

INIS: 1982-12-03; ETDE: 1997-01-24

BT1 demand
RT uranium

URANIUM RESERVES

1986-05-26

UF uranium ore reserves
 *BT1 reserves
RT mineral resources
RT uranium ores

URANIUM SELENIDES

1976-02-05

*BT1 selenides
 *BT1 uranium compounds

URANIUM SILICATES

1996-11-13

*BT1 silicates
 *BT1 uranium compounds
RT ekanite
RT mackintoshite
RT ranquillite
RT silicate minerals
RT sklodowskite
RT soddyite
RT uranium minerals
RT uranophane
RT uranothorite

URANIUM SILICIDES

*BT1 silicides
 *BT1 uranium compounds

URANIUM SULFATES

1996-11-13

*BT1 sulfates
 *BT1 uranium compounds
RT sulfate minerals
RT uranium minerals

URANIUM SULFIDES

*BT1 sulfides
 *BT1 uranium compounds

URANIUM TELLURIDES

1976-02-05

*BT1 tellurides
 *BT1 uranium compounds

URANIUM TETRAFLUORIDE

*BT1 uranium fluorides

URANIUM TRIOXIDE

*BT1 uranium oxides

URANIUM TUNGSTATES

1997-01-28

(From October 1996 to February 2008 URANIUM COMPOUNDS + TUNGSTATES was used for this concept.)

*BT1 tungstates
 *BT1 uranium compounds

URANIUM VANADATES

*BT1 uranium compounds
 *BT1 vanadates
RT carnotite

uranium x 1

USE thorium 234

uranium x 2

USE thorium 231

uranocircite

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE phosphate minerals
 USE uranium minerals

URANOPHANE

1976-02-05

*BT1 silicate minerals
 *BT1 uranium minerals
RT calcium silicates
RT uranium silicates

uranopilitite

2000-04-12

(Prior to January 1995, this was a valid ETDE descriptor.)

USE uranium minerals

uranothorianite

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE oxide minerals
 USE thorium minerals
 USE uranium minerals

URANOTHORITE

*BT1 silicate minerals
 *BT1 thorium minerals
 *BT1 uranium minerals
RT thorium silicates
RT uranium silicates

uranotile

2000-03-29

(Until June 1996 this was a valid descriptor.)

USE silicate minerals
 USE uranium minerals

URANUS PLANET

BT1 planets

URANYL CARBONATES

INIS: 1990-07-24; ETDE: 1990-08-06

*BT1 carbonates
 *BT1 uranyl compounds

URANYL CHLORIDES

INIS: 1982-06-09; ETDE: 1977-06-21

*BT1 chlorides
 *BT1 uranyl halides

URANYL COMPLEXES

*BT1 uranium complexes
RT uranyl compounds

URANYL COMPOUNDS

1996-11-13

*BT1 uranium compounds
NT1 auc
NT1 uranyl carbonates
NT1 uranyl halides
NT2 uranyl chlorides
NT2 uranyl fluorides
NT1 uranyl nitrates
NT2 unh
NT1 uranyl perchlorates
NT1 uranyl phosphates
NT1 uranyl silicates
NT1 uranyl sulfates
NT1 uranyl tungstates
RT uranyl complexes

URANYL FLUORIDES

1982-06-09

*BT1 fluorides
 *BT1 uranyl halides

URANYL HALIDES

2012-07-25

*BT1 halides

*BT1 uranyl compounds

NT1 uranyl chlorides

NT1 uranyl fluorides

uranyl nitrate hexahydrate

ETDE: 1978-03-08

USE unh

URANYL NITRATES

*BT1 nitrates

*BT1 uranyl compounds

NT1 unh

URANYL PERCHLORATES

1985-09-06

*BT1 perchlorates

*BT1 uranyl compounds

URANYL PHOSPHATES

INIS: 1978-07-31; ETDE: 1978-09-11

*BT1 phosphates

*BT1 uranyl compounds

URANYL SILICATES

INIS: 1982-02-09; ETDE: 1981-07-06

*BT1 silicates

*BT1 uranyl compounds

URANYL SULFATES

*BT1 sulfates

*BT1 uranyl compounds

URANYL TUNGSTATES

INIS: 1997-01-28; ETDE: 1988-12-02

(From October 1996 to February 2008

URANYL COMPOUNDS + TUNGSTATES

was used for this concept.)

*BT1 tungstates

*BT1 uranyl compounds

URBAN AREAS

(From September 1977 till March 1997

PLANNED COMMUNITIES was a valid

ETDE descriptor.)

UF cities

UF metropolitan areas

UF suburbs

SF planned communities

NT1 atlanta

NT1 chattanooga

NT1 chicago

NT1 cleveland

NT1 los alamos

NT1 los angeles

NT1 new york city

NT1 oak ridge

NT1 pittsburgh

NT1 richland

RT aesthetics

RT boom towns

RT canyons

RT heat islands

RT residential sector

RT urban populations

URBAN POPULATIONS

*BT1 human populations

RT sociology

RT urban areas

urbaryons

2000-04-12

(This was a valid descriptor for ETDE from May 1975 to March 2006, and for INIS from April 2000 to March 2006.)

USE quarks

UREA

UF carbamide

*BT1 amides

*BT1 carbonic acid derivatives

RT allantoin

RT citrulline

RT hydantoin

RT nitrosoureas

RT urea-formaldehyde foams

RT uremia

UREA-FORMALDEHYDE FOAMS

INIS: 2000-04-12; ETDE: 1980-02-11

*BT1 foams

RT formaldehyde

RT polymers

RT thermal insulation

RT urea

UREASE

Code number 3.5.1.5.

*BT1 amidases

ureidoaminovaleric acid

USE citrulline

UREMIA

BT1 symptoms

*BT1 urogenital system diseases

RT blood

RT kidneys

RT urea

URETERS

*BT1 urinary tract

URETHANE

*BT1 carbamates

RT polyurethanes

urethra

USE urinary tract

URIC ACID

UF 8-hydroxyxanthine

*BT1 xanthines

RT organic acids

uricase

2000-03-29

(Until October 1996 this was a valid descriptor.)

USE nitro-group dehydrogenases

URIDINE

*BT1 nucleosides

*BT1 uracils

RT ump

RT uridine diphosphoglucose

URIDINE DIPHOSPHOGLUCOSE

ETDE: 2005-02-01

(Prior to January 2005 UDPG was used for this concept.)

UF udpg (uridine diphosphoglucose)

*BT1 glycosides

*BT1 nucleotides

*BT1 organic phosphorus compounds

RT glucose

RT uracils

RT uridine

uridine monophosphate

1982-02-09

USE ump

uridine triphosphate

ETDE: 1975-10-01

USE utp

URIDYLIC ACID

*BT1 nucleotides

RT uracils

urinalysis

USE qualitative chemical analysis

USE urine

URINARY KETOSTEROIDS

UF ketosteroids (urinary)

RT androgens

RT steroids

RT urine

URINARY TRACT

UF urethra

*BT1 organs

NT1 bladder

NT1 ureters

RT calculi

RT excretion

RT kidneys

RT urine

RT urogenital system diseases

URINE

UF deoxycytidinuria

UF urinalysis

*BT1 biological wastes

*BT1 body fluids

RT diuretics

RT excretion

RT kidneys

RT urinary ketosteroids

RT urinary tract

urobilinogen

1996-07-15

(Until June 1996 this was a valid descriptor.)

USE heterocyclic acids

USE pigments

USE pyrroles

UROCANIC ACID

*BT1 heterocyclic acids

*BT1 imidazoles

urocyon

INIS: 1993-02-18; ETDE: 1985-03-12

USE foxes

UROGENITAL SYSTEM DISEASES

1996-06-28

UF glycosuria

UF uterine cervix carcinoma

BT1 diseases

NT1 gonorrhea

NT1 menstruation disorders

NT1 nephritis

NT1 nephrosclerosis

NT1 reproductive disorders

NT1 uremia

RT diuretics

RT endocrine diseases

RT female genitals

RT gynecology

RT kidneys

RT male genitals

RT syphilis

RT urinary tract

UROKINASE

Code number 3.4.99.26.

*BT1 blood coagulation factors

*BT1 fibrinolytic agents

*BT1 nonspecific peptidases

RT fibrinolysis

URONIC ACIDS

INIS: 2000-04-12; ETDE: 1979-07-18

Hydrolyzates of hemicellulose; class of compounds similar to sugars, but terminal carbon has been oxidized from an alcohol to a carboxyl group.

*BT1 monocarboxylic acids

UROTROPIN

UF cystamin
 UF hexamethylenetetramine
 *BT1 amines

URR REACTOR

Universities Research Reactor, Risley, United Kingdom. Decommissioned since 1996.

UF manchester liverpool university
 research reactor
 *BT1 argonaut type reactors
 *BT1 test reactors
 *BT1 thermal reactors
 *BT1 training reactors

URUGUAY

BT1 developing countries
 *BT1 south america

URUGUAYAN ORGANIZATIONS

1996-06-20

BT1 national organizations

US ACDA

INIS: 2000-04-12; ETDE: 1986-03-04

UF us arms control and disarmament
 agency
 *BT1 us organizations
 RT arms control

US AEC

1995-03-28

Includes all AEC-associated organizations.

UF us atomic energy commission
 *BT1 us organizations
 NT1 ames laboratory
 NT1 anl
 NT1 bettis
 NT1 bnl
 NT1 feed materials production center
 NT1 hapo
 NT1 idaho chemical processing plant
 NT1 kapl
 NT1 lawrence berkeley laboratory
 NT1 lawrence livermore laboratory
 NT1 mound laboratory
 NT1 ornl
 NT1 paducah plant
 NT1 rocky flats plant
 NT1 sandia laboratories
 NT1 savannah river plant
 NT1 sequoyah uf6 production plant
 NT1 y-12 plant
 RT regulatory guides
 RT us doe
 RT us erda
 RT us nrc
 RT usa

us aec low intensity test reactor

2000-04-12

USE litr reactor

us aec low intensity training reactor

INIS: 1993-11-10; ETDE: 2002-05-24

USE litr reactor

us aec lptr reactor

USE lptr reactor

us aec materials testing reactor-idaho

1993-11-10

USE mtr reactor

us aec mrr

USE mrr reactor

US AFFIRMATIVE ACTION PROGRAM

INIS: 2000-04-12; ETDE: 1991-12-18

A program designed to ensure that positive action is undertaken to overcome under

representation of women and minority groups in employment and in post-secondary student bodies, as compared with the composition of the area population.

(Prior to December 1991 this concept was indexed by AFFIRMATIVE ACTION in ETDE.)

UF affirmative action
 RT employment
 RT minority groups
 RT us federal assistance programs
 RT women

us antitrust laws

INIS: 1994-01-12; ETDE: 1992-02-25

(From February to August 1992 this was a valid ETDE descriptor.)

USE antitrust laws

us arms control and disarmament agency

INIS: 2000-04-12; ETDE: 1986-03-04

USE us acda

us atomic energy commission

USE us aec

US BUREAU OF MINES

INIS: 1977-07-05; ETDE: 1976-11-17

UF bureau of mines (us)
 *BT1 us doi

US BUREAU OF RECLAMATION

INIS: 1992-08-13; ETDE: 1991-12-18

(Prior to December 1991 this concept was indexed to BUREAUOF RECLAMATION in ETDE.)

UF bureau of reclamation
 *BT1 us doi

US CEQ

INIS: 2000-04-12; ETDE: 1981-03-17

UF council on environmental quality
 *BT1 us organizations

US CIA

INIS: 2000-04-12; ETDE: 1980-08-25

UF central intelligence agency
 *BT1 us organizations

us clean air act

INIS: 1994-01-24; ETDE: 1991-11-05

(From Jan 92 to Jan 94 this was a valid descriptor.)

USE clean air acts

US CLEAN COAL TECHNOLOGY PROGRAM

INIS: 1992-02-24; ETDE: 1990-02-28

RT coal preparation
 RT desulfurization
 RT pollution control

us clean water act

INIS: 1994-01-24; ETDE: 1991-11-05

(From Mar 77 to Jan 94 this was a valid descriptor.)

USE clean water acts

US COAST GUARD

INIS: 1992-05-22; ETDE: 1977-08-09

*BT1 us dot

US CORPS OF ENGINEERS

INIS: 1992-05-22; ETDE: 1991-12-18

(Prior to December 1991 this concept was indexed to CORPS OF ENGINEERS in ETDE.)

UF corps of engineers
 *BT1 us dod

us department of agriculture

INIS: 2000-04-12; ETDE: 1979-02-23

USE us doa

us department of commerce

INIS: 2000-04-12; ETDE: 1979-02-23

USE us doc

us department of defense

INIS: 1992-05-21; ETDE: 2002-05-24

USE us dod

us department of health, education, and welfare

INIS: 2000-04-12; ETDE: 1979-02-23

USE us hew

us department of housing and urban development

INIS: 2000-04-12; ETDE: 1980-08-25

USE us hud

us department of justice

INIS: 2000-04-12; ETDE: 1979-02-23

USE us doj

us department of labor

INIS: 2000-04-12; ETDE: 1979-02-23

USE us dol

us department of state

INIS: 2000-04-12; ETDE: 1979-12-17

USE us dos

US DEPARTMENT OF TREASURY

INIS: 1992-04-09; ETDE: 1979-02-23

*BT1 us organizations
 NT1 us irs

US DEPLETION ALLOWANCES

INIS: 1992-03-26; ETDE: 1992-02-24

Deduction allowed to US income tax based on depletion of natural resources such as fossil fuels.

UF depletion allowances
 RT financial incentives
 RT resource depletion
 RT taxes

US DOA

INIS: 1992-06-12; ETDE: 1979-02-23

UF us department of agriculture
 *BT1 us organizations
 NT1 us forest service
 NT1 us rea

US DOC

INIS: 2000-04-12; ETDE: 1979-02-23

UF us department of commerce
 *BT1 us organizations
 NT1 us nbs

US DOD

INIS: 1992-05-21; ETDE: 1977-09-20

UF department of defense
 UF us department of defense
 *BT1 us organizations
 NT1 us corps of engineers

US DOE

INIS: 1997-06-19; ETDE: 1977-08-09

US Department of Energy.

UF technical information center
 UF us doe program management
 *BT1 us organizations
 NT1 alaska power administration
 NT1 ames laboratory
 NT1 anl
 NT1 atomics international canoga park plant
 NT1 bartlesville energy technology center
 NT1 battelle pacific northwest laboratories

NT1 bettis
NT1 bnl
NT1 bonneville power administration
NT1 economic regulatory administration
NT1 environmental measurements laboratory
NT1 feed materials production center
NT1 fermilab
NT1 hanford engineering development laboratory
NT1 hanford reservation
NT1 hapo
NT1 idaho chemical processing plant
NT1 idaho national laboratory
NT1 inhalation toxicology research institute
NT1 kansas city plant
NT1 kapl
NT1 lanl
NT1 laramie energy research center
NT1 laramie energy technology center
NT1 lawrence berkeley laboratory
NT1 lawrence livermore national laboratory
NT2 lawrence livermore laboratory
NT1 morgantown energy technology center
NT1 mound laboratory
NT1 national renewable energy laboratory
NT1 nevada test site
NT1 oak ridge reservation
NT1 orgdp
NT1 ornl
NT1 paducah plant
NT1 pantex plant
NT1 pinellas plant
NT1 pittsburgh energy technology center
NT1 portsmouth centrifuge enrichment plant
NT1 portsmouth gaseous diffusion plant
NT1 rocky flats plant
NT1 sandia national laboratories
NT2 sandia laboratories
NT1 savannah river plant
NT1 sequoyah uf6 production plant
NT1 southeastern power administration
NT1 southwestern power administration
NT1 stanford linear accelerator center
NT1 us doe field offices
NT1 us doe inspector general
NT1 us energy extension service
NT1 us energy information administration
NT1 us ferc
NT1 us msha
NT1 us niper
NT1 usur
NT1 western area power administration
NT1 wipp
NT1 y-12 plant
RT ucla
RT us aec
RT us erda
RT us fea

US DOE FIELD OFFICES

INIS: 1992-08-12; ETDE: 1983-03-24
UF field offices
UF operations offices
**BT1 us doe*

US DOE INSPECTOR GENERAL

INIS: 1994-09-29; ETDE: 1980-06-06
UF inspector general (us doe)
**BT1 us doe*
RT audits

us doe program management

INIS: 1992-06-10; ETDE: 1992-02-14
 (From February 1992 to January 1993, this was a valid ETDE descriptor.)
USE program management
USE us doe

US DOI

INIS: 1992-05-22; ETDE: 1978-04-06
UF department of interior
**BT1 us organizations*
NT1 us bureau of mines
NT1 us bureau of reclamation
NT1 us fws
NT1 us gs
NT1 us osm

US DOJ

INIS: 2000-04-19; ETDE: 1979-02-23
UF justice department
UF us department of justice
**BT1 us organizations*
NT1 federal bureau of investigation

US DOL

INIS: 2000-04-12; ETDE: 1979-02-23
UF us department of labor
**BT1 us organizations*
NT1 us osha

US DOS

INIS: 2000-04-12; ETDE: 1979-12-17
UF us department of state
**BT1 us organizations*

US DOT

INIS: 1979-09-18; ETDE: 1977-08-09
US Department of Transportation.
UF department of transportation
**BT1 us organizations*
NT1 us coast guard
NT1 us faa

US EAST COAST

INIS: 1997-06-17; ETDE: 1991-12-18
 (Prior to December 1991 this concept was indexed to EAST COAST in ETDE.)
UF east coast
**BT1 usa*
RT atlantic ocean
RT connecticut
RT delaware
RT florida
RT georgia (u.s. state of)
RT maine
RT maryland
RT massachusetts
RT mid-atlantic bight
RT new hampshire
RT new jersey
RT new york
RT new york bight
RT north carolina
RT rhode island
RT south carolina
RT virginia

US ECONOMIC RECOVERY TAX ACT

INIS: 2000-04-12; ETDE: 1992-02-21
 (Prior to February 1992 this subject was indexed by ECONOMIC RECOVERY TAX ACT.)
UF economic recovery tax act
BT1 laws
RT economic development
RT financial incentives
RT legislation
RT taxes
RT windfall profits tax

us ees

INIS: 2000-04-12; ETDE: 1978-08-08
USE us energy extension service

US EMERGENCY PREPAREDNESS ACT

INIS: 1992-03-26; ETDE: 1992-02-21
 (Prior to February 1992 this subject was indexed to EMERGENCY PREPAREDNESS ACT.)
UF emergency preparedness act
BT1 laws
RT emergency plans
RT energy supplies

US ENERGY EXTENSION SERVICE

INIS: 2000-04-12; ETDE: 1992-02-24
 (Prior to February 1992 this subject was indexed by ENERGY EXTENSION SERVICE.)
UF ees
UF energy extension service
UF us ees
**BT1 us doe*

US ENERGY INFORMATION ADMINISTRATION

INIS: 1992-03-26; ETDE: 1992-02-24
 (Prior to February 1992 this subject was indexed to ENERGY INFORMATION ADMINISTRATION.)
UF energy information administration
**BT1 us doe*

US ENERGY POLICY AND CONSERVATION ACT

INIS: 1992-03-26; ETDE: 1992-02-24
US Energy Policy and Conservation Act.
UF energy policy and conservation act
UF epca
BT1 laws
RT energy conservation
RT energy policy

US ENERGY SECURITY ACT

INIS: 1992-03-26; ETDE: 1992-02-21
 (Prior to February 1992 this subject was indexed to ENERGY SECURITY ACT.)
UF energy security act
BT1 laws
RT synthetic fuels corporation

US ENERGY TAX ACT

INIS: 1992-03-26; ETDE: 1992-02-24
 (Prior to February 1992 this subject was indexed to ENERGY TAX ACT.)
UF energy tax act
**BT1 national energy acts*
RT energy conservation
RT energy consumption
RT financial incentives

US EPA

INIS: 1978-07-04; ETDE: 1977-11-29
UF environmental protection agency
UF epa
BT1 pollution control agencies
**BT1 us organizations*

us era

INIS: 2000-04-12; ETDE: 1979-11-23
USE economic regulatory administration

US ERDA

1996-07-16

US Energy Research and Development Administration; created in 1975 and includes part of US AEC research activities, the Office of Coal Research, and the solar and geothermal research activities from the National Science Foundation.

UF *energy research and development administration*

*BT1 us organizations

NT1 ames laboratory

NT1 anl

NT1 atomics international canoga park plant

NT1 battelle columbus laboratory

NT1 battelle pacific northwest laboratories

NT1 bettis

NT1 bnl

NT1 feed materials production center

NT1 hanford reservation

NT1 hapo

NT1 idaho chemical processing plant

NT1 kansas city plant

NT1 kapl

NT1 laramie energy research center

NT1 lawrence berkeley laboratory

NT1 lawrence livermore laboratory

NT1 mound laboratory

NT1 oak ridge reservation

NT1 orgdp

NT1 ornl

NT1 paducah plant

NT1 pantex plant

NT1 pinellas plant

NT1 portsmouth gaseous diffusion plant

NT1 rocky flats plant

NT1 sandia laboratories

NT1 savannah river plant

NT1 sequoyah uf6 production plant

NT1 stanford linear accelerator center

NT1 y-12 plant

RT us aec

RT us doe

US FAA

INIS: 1993-06-03; ETDE: 1978-09-13

US Federal Aviation Administration.

UF *federal aviation administration*

*BT1 us dot

US FDA

INIS: 1978-11-27; ETDE: 1978-06-14

UF *food and drug administration*

*BT1 us hew

US FEA

1977-07-05

US Federal Energy Administration.

UF *federal energy administration*

*BT1 us organizations

RT us doe

US FEDERAL ASSISTANCE PROGRAMS

INIS: 1993-03-26; ETDE: 1992-02-24

(Prior to February 1992 this subject was indexed to FEDERAL ASSISTANCE PROGRAMS.)

UF *federal assistance programs*

RT government policies

RT local government

RT national government

RT state government

RT us affirmative action program

US FEDERAL POWER COMMISSION

INIS: 2000-04-12; ETDE: 1992-02-24

(Prior to February 1992 this subject was indexed by FEDERAL POWER COMMISSION.)

UF *federal power commission*

UF *fpc*

*BT1 us organizations

US FEMA

INIS: 1993-06-02; ETDE: 1984-02-10

US Federal Emergency Management Agency.

UF *federal emergency management agency*

*BT1 us organizations

US FERC

INIS: 1992-02-03; ETDE: 1978-02-14

UF *federal energy regulatory commission*

*BT1 us doe

RT ferc gas areas

RT regulations

US FOREST SERVICE

INIS: 2000-04-12; ETDE: 1981-06-13

*BT1 us doa

US FWS

INIS: 1992-10-05; ETDE: 1984-12-26

US Fish and Wildlife Service.

UF *fish and wildlife service*

*BT1 us doi

US GAO

INIS: 1992-07-23; ETDE: 1979-02-23

General Accounting Office.

UF *general accounting office*

*BT1 us organizations

RT accounting

us general services administration

INIS: 2000-04-12; ETDE: 1979-02-23

USE us gsa

us geological survey

INIS: 1992-05-28; ETDE: 1981-06-16

USE us gs

US GS

INIS: 1992-05-28; ETDE: 1981-06-16

UF *us geological survey*

*BT1 us doi

US GSA

INIS: 2000-04-12; ETDE: 1979-02-23

UF *us general services administration*

*BT1 us organizations

US GULF COAST

INIS: 1992-06-04; ETDE: 1992-01-24

(Prior to June 1992 this subject was indexed to GULF COAST.)

UF *gulf coast*

*BT1 usa

RT alabama

RT florida

RT gulf of mexico

RT louisiana

RT mississippi

RT texas

US HEW

INIS: 2000-04-12; ETDE: 1979-02-23

UF *us department of health, education, and welfare*

*BT1 us organizations

NT1 us fda

US HUD

INIS: 1977-11-21; ETDE: 1977-04-12

US Department of Housing and Urban Development.

UF *us department of housing and urban development*

*BT1 us organizations

US IRS

INIS: 1992-04-09; ETDE: 1978-04-06

U. S. Internal Revenue Service.

UF *internal revenue service*

*BT1 us department of treasury

US JCAE

INIS: 1975-11-27; ETDE: 1975-09-12

US Joint Committee on Atomic Energy.

UF *joint committee on atomic energy*

*BT1 us organizations

US MRS PROJECT

INIS: 1986-09-26; ETDE: 1991-10-29

Monitored Retrievable Storage project in the USA for the long-term isolation of spent fuel and radioactive wastes permitting continuous monitoring, ready retrieval and periodic maintenance as necessary to assure containment.

RT high-level radioactive wastes

RT radioactive waste storage

RT spent fuel storage

RT spent fuels

US MSHA

INIS: 2000-04-12; ETDE: 1982-02-08

UF *mine safety and health administration*

*BT1 us doe

US NAPAP

INIS: 1991-12-18; ETDE: 1991-10-31

United States National Acid Precipitation Assessment Program.

UF *napap*

UF *national acid precipitation assessment program*

RT acid rain

RT information needs

RT research programs

RT us national program plans

RT us organizations

US NATIONAL ACADEMY OF SCIENCE

*BT1 us organizations

us national council on radiation protection and measurements

1993-11-10

USE us ncrp

us national energy act

INIS: 2000-04-12; ETDE: 1992-02-14

(Prior to February 1992 this concept was indexed by NATIONAL ENERGY ACT in ETDE. From February 1992 to August 1993 this was a valid ETDE descriptor.)

USE national energy acts

US NATIONAL ENERGY CONSERVATION POLICY ACT

INIS: 2000-04-12; ETDE: 1992-02-14

(Prior to February 1992 this concept in ETDE was indexed by NATIONAL ENERGY CONSERVATION POLICY ACT.)

UF *national energy conservation policy act*

*BT1 national energy acts

RT energy conservation

RT energy policy

US NATIONAL ENERGY PLAN

INIS: 1992-03-26; ETDE: 1992-02-14

The plan proposed by President Carter in April 1977, and subsequent plans developed by the Department of Energy.

(Prior to February 1992 this concept was indexed to NATIONAL ENERGY PLAN in ETDE.)

- *BT1 national energy plans
- RT energy conservation
- RT energy sources
- RT energy supplies
- RT national energy acts
- RT us national program plans

US NATIONAL ENVIRONMENTAL POLICY ACT

INIS: 1993-11-10; ETDE: 1992-01-13

Until March 1992, this descriptor was US NATL ENVIRONMENTPOLICY ACT, and from then to November 1993 it was US NATIONAL ENVIRONMENTAL POLI.

- UF national environmental policy act
- UF nepa
- BT1 laws
- RT environment
- RT environmental impact statements
- RT environmental policy

US NATIONAL IGNITION FACILITY

INIS: 1997-06-05; ETDE: 1997-05-08

Facility for inertial confinement (thermonuclear) fusion.

- UF national ignition facility
- UF nif
- UF us nif
- RT icf devices
- RT inertial confinement
- RT solid state lasers

us national oceanic and atmospheric administration

INIS: 1992-04-13; ETDE: 1980-01-24

- USE us noaa

US NATIONAL PROGRAM PLANS

INIS: 1993-06-02; ETDE: 1992-02-14

Energy research programs.

- UF national program plans
- RT demonstration programs
- RT government policies
- RT national energy acts
- RT research programs
- RT us napap
- RT us national energy plan

US NATURAL GAS POLICY ACT

INIS: 1992-03-27; ETDE: 1992-02-14

(Prior to February 1992 this concept was indexed to NATURAL GAS POLICY ACT in ETDE.)

- UF natural gas policy act
- *BT1 national energy acts
- RT consumer protection
- RT deregulation
- RT energy policy
- RT natural gas industry
- RT pricing regulations

US NAVAL OIL SHALE RESERVES

INIS: 1992-03-26; ETDE: 1992-02-14

(Prior to February 1992 this concept was indexed to NAVAL OIL SHALE RESERVES in ETDE.)

- UF naval oil shale reserves
- *BT1 oil shale deposits
- *BT1 reserves
- RT colorado
- RT utah

US NAVAL PETROLEUM RESERVES

INIS: 1992-04-07; ETDE: 1992-02-14

(Prior to February 1992 this concept was indexed to NAVAL PETROLEUM RESERVE in ETDE.)

- UF naval petroleum reserve
- *BT1 petroleum deposits
- *BT1 reserves
- RT california
- RT energy supplies
- RT fuel supplies
- RT underground storage
- RT wyoming

us naval research laboratory cyclotron

INIS: 1984-06-21; ETDE: 2002-05-24

- USE nrl cyclotron

us naval research laboratory linac

INIS: 1984-06-21; ETDE: 2002-05-24

- USE nrl linac

US NBS

INIS: 1979-02-21; ETDE: 1978-04-06

- UF national bureau of standards
- UF nbs (us)
- *BT1 us doc

us nbs reactor

- USE nbsr reactor

US NCRP

US National Council on Radiation Protection and Measurements.

- UF national council on radiation protection/measurements (us)
- UF ncrp (us)
- UF us national council on radiation protection and measurements
- *BT1 us organizations

us nif

INIS: 1997-06-05; ETDE: 1997-05-08

- USE us national ignition facility

US NIOSH

INIS: 1992-10-01; ETDE: 1992-01-24

US National Institute for Occupational Safety and Health.

- UF national institute for occupational safety and health
- UF niosh
- *BT1 us organizations

US NIPER

INIS: 1992-03-03; ETDE: 1991-11-01

National Institute for Petroleum and Energy Research.

- UF national institute for petroleum and energy research
- UF niper
- *BT1 us doe

US NOAA

INIS: 1992-04-13; ETDE: 1980-01-24

- UF national oceanic and atmospheric administration
- UF us national oceanic and atmospheric administration
- *BT1 us organizations

US NRC

United States Nuclear Regulatory Commission; prior to 1975 was part of US AEC and earlier material is so indexed.

- *BT1 us organizations
- RT us aec

US NUCLEAR DATA NETWORK

INIS: 1992-07-21; ETDE: 1985-04-09

- *BT1 us organizations

- RT international nuclear data committee
- RT nuclear data collections

US OCCUPATIONAL SAFETY AND HEALTH ACT

INIS: 1992-08-13; ETDE: 1992-02-14

US Occupational Safety and Health Act.

- UF occupational safety and health act
- BT1 laws
- RT health hazards
- RT occupational diseases
- RT safety
- RT working conditions

US ORGANIZATIONS

1997-06-19

- BT1 national organizations
- NT1 federal radiation council
- NT1 nasa
- NT1 national science foundation
- NT1 naval research laboratory
- NT1 orau
- NT1 orins
- NT1 synthetic fuels corporation
- NT1 tennessee valley authority
- NT1 us acda
- NT1 us aec
- NT2 ames laboratory
- NT2 anl
- NT2 bettis
- NT2 bnl
- NT2 feed materials production center
- NT2 hapo
- NT2 idaho chemical processing plant
- NT2 kapl
- NT2 lawrence berkeley laboratory
- NT2 lawrence livermore laboratory
- NT2 mound laboratory
- NT2 ornl
- NT2 paducah plant
- NT2 rocky flats plant
- NT2 sandia laboratories
- NT2 savannah river plant
- NT2 sequoyah uf6 production plant
- NT2 y-12 plant
- NT1 us ceq
- NT1 us cia
- NT1 us department of treasury
- NT2 us irs
- NT1 us doa
- NT2 us forest service
- NT2 us rea
- NT1 us doc
- NT2 us nbs
- NT1 us dod
- NT2 us corps of engineers
- NT1 us doe
- NT2 alaska power administration
- NT2 ames laboratory
- NT2 anl
- NT2 atomics international canoga park plant
- NT2 bartlesville energy technology center
- NT2 battelle pacific northwest laboratories
- NT2 bettis
- NT2 bnl
- NT2 bonneville power administration
- NT2 economic regulatory administration
- NT2 environmental measurements laboratory
- NT2 feed materials production center
- NT2 fermilab
- NT2 hanford engineering development laboratory
- NT2 hanford reservation
- NT2 hapo
- NT2 idaho chemical processing plant
- NT2 idaho national laboratory

NT2 inhalation toxicology research institute
 NT2 kansas city plant
 NT2 kapl
 NT2 lanl
 NT2 laramie energy research center
 NT2 laramie energy technology center
 NT2 lawrence berkeley laboratory
 NT2 lawrence livermore national laboratory
 NT3 lawrence livermore laboratory
 NT2 morgantown energy technology center
 NT2 mound laboratory
 NT2 national renewable energy laboratory
 NT2 nevada test site
 NT2 oak ridge reservation
 NT2 orgdp
 NT2 ornl
 NT2 paducah plant
 NT2 pantex plant
 NT2 pinellas plant
 NT2 pittsburgh energy technology center
 NT2 portsmouth centrifuge enrichment plant
 NT2 portsmouth gaseous diffusion plant
 NT2 rocky flats plant
 NT2 sandia national laboratories
 NT3 sandia laboratories
 NT2 savannah river plant
 NT2 sequoyah uf6 production plant
 NT2 southeastern power administration
 NT2 southwestern power administration
 NT2 stanford linear accelerator center
 NT2 us doe field offices
 NT2 us doe inspector general
 NT2 us energy extension service
 NT2 us energy information administration
 NT2 us ferc
 NT2 us msha
 NT2 us niper
 NT2 usur
 NT2 western area power administration
 NT2 wipp
 NT2 y-12 plant
 NT1 us doi
 NT2 us bureau of mines
 NT2 us bureau of reclamation
 NT2 us fws
 NT2 us gs
 NT2 us osm
 NT1 us doj
 NT2 federal bureau of investigation
 NT1 us dol
 NT2 us osha
 NT1 us dos
 NT1 us dot
 NT2 us coast guard
 NT2 us faa
 NT1 us epa
 NT1 us erda
 NT2 ames laboratory
 NT2 anl
 NT2 atomics international canoga park plant
 NT2 battelle columbus laboratory
 NT2 battelle pacific northwest laboratories
 NT2 bettis
 NT2 bnl
 NT2 feed materials production center
 NT2 hanford reservation
 NT2 hapo
 NT2 idaho chemical processing plant
 NT2 kansas city plant
 NT2 kapl
 NT2 laramie energy research center

NT2 lawrence berkeley laboratory
 NT2 lawrence livermore laboratory
 NT2 mound laboratory
 NT2 oak ridge reservation
 NT2 orgdp
 NT2 ornl
 NT2 paducah plant
 NT2 pantex plant
 NT2 pinellas plant
 NT2 portsmouth gaseous diffusion plant
 NT2 rocky flats plant
 NT2 sandia laboratories
 NT2 savannah river plant
 NT2 sequoyah uf6 production plant
 NT2 stanford linear accelerator center
 NT2 y-12 plant
 NT1 us fea
 NT1 us federal power commission
 NT1 us fema
 NT1 us gao
 NT1 us gsa
 NT1 us hew
 NT2 us fda
 NT1 us hud
 NT1 us jcae
 NT1 us national academy of science
 NT1 us ncrp
 NT1 us niosh
 NT1 us noaa
 NT1 us nrc
 NT1 us nuclear data network
 NT1 us ota
 NT1 us postal service
 NT1 us veterans administration
 RT us napap

US OSHA

INIS: 1980-09-12; ETDE: 1978-06-14

US Occupational Safety and Health Administration.

UF occupational safety and health administration

UF osha

*BT1 us dol

US OSM

INIS: 1992-04-08; ETDE: 1985-09-24

Office of Surface Mining, Reclamation and Enforcement, that regulates all coal mining activities in the USA.

*BT1 us doi

RT coal mining

US OTA

INIS: 1993-06-07; ETDE: 1981-03-17

US Office of Technology Assessment.

UF office of technology assessment

*BT1 us organizations

RT technology transfer

US POSTAL SERVICE

INIS: 2000-04-12; ETDE: 1979-02-23

*BT1 us organizations

US POWER PLANT AND

INDUSTRIAL FUEL USE ACT

INIS: 2000-04-12; ETDE: 1992-02-25

(Prior to February 1992 this subject was indexed by POWER PLANT AND INDUSTRIAL FUEL USE ACT.)

UF fuel use act

UF power plant and industrial fuel use act

*BT1 national energy acts

RT electric utilities

RT fossil-fuel power plants

RT fossil fuels

US PUBLIC UTILITY REGULATORY POLICIES ACT

INIS: 1992-07-23; ETDE: 1992-02-25

US Public Utility Regulatory Policies Act.

UF public utility regulatory policies act

UF purpa

*BT1 national energy acts

RT energy conservation

RT energy efficiency

RT public utilities

RT regulations

US REA

INIS: 2000-04-12; ETDE: 1979-09-06

UF rural electrification administration

*BT1 us doa

us resource recovery acts

INIS: 1992-06-04; ETDE: 1992-02-14

(Prior to February 1992 this concept was indexed to RESOURCE RECOVERY ACTS in ETDE.)

USE resource recovery acts

US SUPERFUND

INIS: 1992-02-05; ETDE: 1991-11-01

Comprehensive environmental response, compensation, and Liability Act of 1980: public law 96-510.

(Prior to November 1991 this material was indexed to SUPERFUND.)

UF cercla

UF superfund

*BT1 pollution laws

RT enforcement

RT environmental policy

RT hazardous materials

RT remedial action

RT sanitary landfills

RT waste disposal

RT waste disposal acts

RT wastes

US VETERANS ADMINISTRATION

INIS: 2000-04-12; ETDE: 1979-02-23

*BT1 us organizations

us water pollution control act

INIS: 2000-04-12; ETDE: 1977-04-14

USE clean water acts

US WEST COAST

INIS: 1992-06-04; ETDE: 1991-12-18

(Prior to June 1992 this concept was indexed to WEST COAST in ETDE.)

UF west coast

*BT1 usa

RT california

RT oregon

RT pacific ocean

RT washington

USA

UF central region

UF federal region i

UF federal region ii

UF federal region iii

UF federal region iv

UF federal region ix

UF federal region v

UF federal region vi

UF federal region vii

UF federal region viii

UF federal region x

UF great lakes region

UF great plains

UF mid-atlantic region

UF midwest region

UF new england

UF ozark region

UF pacific northwest region

UF region i
 UF region ii
 UF region iii
 UF region iv
 UF region ix
 UF region v
 UF region vi
 UF region vii
 UF region viii
 UF region x
 UF rocky mountain region
 UF southeast region
 UF southwest region
 UF united states of america
 UF western region
 SF north atlantic region
 BT1 developed countries
 BT1 north america
 NT1 alabama
 NT1 alaska
 NT1 american samoa
 NT1 arizona
 NT1 arkansas
 NT1 california
 NT2 brawley geothermal field
 NT2 coso hot springs
 NT2 los angeles
 NT1 colorado
 NT2 mahogany zone
 NT2 sand wash basin
 NT1 connecticut
 NT1 delaware
 NT1 florida
 NT2 cape kennedy
 NT1 georgia (u.s. state of)
 NT2 atlanta
 NT1 great basin
 NT1 hawaii
 NT1 idaho
 NT1 illinois
 NT2 chicao
 NT1 indiana
 NT1 iowa
 NT1 kansas
 NT1 kentucky
 NT1 louisiana
 NT1 maine
 NT1 maryland
 NT1 massachusetts
 NT1 michigan
 NT1 minnesota
 NT1 mississippi
 NT1 missouri
 NT1 montana
 NT2 powder river basin
 NT1 nebraska
 NT1 nevada
 NT2 steamboat springs
 NT2 tonopah test range
 NT1 new hampshire
 NT1 new jersey
 NT1 new mexico
 NT2 los alamos
 NT1 new york
 NT2 new york city
 NT1 north carolina
 NT1 north dakota
 NT1 ohio
 NT2 cleveland
 NT1 oklahoma
 NT1 oregon
 NT2 mt hood
 NT1 pennsylvania
 NT2 pittsburgh
 NT1 puerto rico
 NT1 rhode island
 NT1 south carolina
 NT1 south dakota
 NT2 table mountain area

NT1 tennessee
 NT2 chattanooga
 NT2 oak ridge
 NT1 texas
 NT1 us east coast
 NT1 us gulf coast
 NT1 us west coast
 NT1 utah
 NT2 roosevelt hot springs
 NT1 vermont
 NT1 virgin islands
 NT1 virginia
 NT1 washington
 NT2 richland
 NT1 washington dc
 NT1 west virginia
 NT1 wisconsin
 NT1 wyoming
 NT2 powder river basin
 NT2 rock springs sites
 NT2 washakie basin
 RT appalachian mountains
 RT oecd
 RT pad districts
 RT rocky mountains
 RT trust territory of the pacific islands
 RT us aec

useful life

INIS: 1992-02-26; ETDE: 1976-08-05
 USE service life

USES

For the evaluation of the usefulness of a procedure, material, or device.

UF applications
 NT1 diagnostic uses
 NT1 therapeutic uses
 NT1 third-party use
 RT efficiency
 RT performance

ussr

1997-08-20

All the constituents of the former USSR are listed below; use one or more as required.

(Prior to September 1997 USSR was a valid descriptor.)

SEE armenia
 SEE azerbaijan
 SEE belarus
 SEE estonia
 SEE kazakhstan
 SEE kyrgyzstan
 SEE latvia
 SEE lithuania
 SEE moldova
 SEE republic of georgia
 SEE russian federation
 SEE tajikistan
 SEE turkmenistan
 SEE ukraine
 SEE uzbekistan

ussr organizations

INIS: 1997-07-30; ETDE: 1975-12-16
 (Until July 1997 this was a valid descriptor.)
 USE russian organizations

ustav jaderneho vyzkumu

INIS: 1997-11-05; ETDE: 2002-05-24
 USE ujb

ustav jadernych vyzkumu

2000-04-12
 USE ujb

USTILAGO

*BT1 eumycota
 BT1 parasites
 RT cereals

USUR

INIS: 1994-02-28; ETDE: 1981-07-06
 UF united states uranium registry
 *BT1 us doe
 RT nuclear industry
 RT radiation protection

UTAH

1997-06-19
 *BT1 usa
 NT1 roosevelt hot springs
 RT asphalt ridge deposit
 RT circle cliffs deposit
 RT great basin
 RT great salt lake
 RT green river formation
 RT natural bridges national monument
 RT paradox basin
 RT pr springs deposit
 RT sunnyside deposit
 RT tar sand triangle deposit
 RT uinta basin
 RT uinta formation
 RT us naval oil shale reserves
 RT western us overthrust belt
 RT white river
 RT white river shale project

uterine cervix carcinoma

USE carcinomas
 USE urogenital system diseases

UTERUS

UF endometrium
 UF myometrium
 *BT1 female genitals
 RT embryos
 RT fetuses
 RT oxytocin
 RT pregnancy

utilities

INIS: 2000-04-12; ETDE: 1979-05-03
 SEE electric utilities
 SEE gas utilities
 SEE public utilities

UTP

ETDE: 1975-09-11
 UF uridine triphosphate
 *BT1 nucleotides

utr-10 iowa state university reactor

USE iowa utr-10 reactor

UTR-10-KINKI REACTOR

Atomic Energy Research Institute, Kinki Univ., Higashiosaka, Osaka, Japan.
 UF kinki university utr-10 reactor
 *BT1 argonaut type reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 training reactors

utr-b queen mary college reactor

2000-04-12
 USE queen mary college utr-b reactor

UTRR REACTOR

Atomic Energy Organization of Iran, Nuclear Research Centre, Teheran, Iran.
 UF teheran university research reactor
 UF university of teheran research reactor
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 research reactors
 *BT1 thermal reactors

UVALDE DEPOSIT

INIS: 2000-04-12; ETDE: 1983-07-07
 *BT1 oil sand deposits
 RT oil sands

RT texas

UVAR REACTOR

Univ. of Virginia, Charlottesville, Virginia,
USA. Decommissioned in 2005.

UF university of virginia reactor
UF virginia university reactor

*BT1 enriched uranium reactors
*BT1 isotope production reactors
*BT1 pool type reactors
*BT1 research reactors
*BT1 test reactors
*BT1 thermal reactors
*BT1 training reactors

UVEA

UF choroid
*BT1 eyes

UVVVR

INIS: 2000-04-12; ETDE: 1979-07-24
Ustavu pro Vyzkum, Vyrobu a Vyziti
Radioisotopu - Institute for the Research,
Production and Application of Radioisotopes,
Prague.
*BT1 czech organizations

uwi cns slowpoke

2018-08-20
USE slowpoke-mona reactor

UWMAK DEVICES

ETDE: 1979-04-11
UF numak reactors
UF university of wisconsin tokamak
UF uwmak reactors
UF wisconsin university tokamak
*BT1 tokamak devices

uwmak reactors

INIS: 2000-04-12; ETDE: 1978-04-27
(Prior to July 1985 this was a valid ETDE
descriptor.)
USE uwmak devices

UWNR REACTOR

Univ. of Wisconsin, Madison, Wisconsin, USA.
UF university of wisconsin nuclear
reactor
UF wisconsin university nuclear reactor
*BT1 isotope production reactors
*BT1 pool type reactors
*BT1 thermal reactors
*BT1 training reactors
*BT1 triga type reactors

UWTR REACTOR

Univ. of Washington, Seattle, Washington,
USA. Shut down in 1988.
UF university of washington reactor
UF washington university (seattle)
reactor
*BT1 enriched uranium reactors
*BT1 lwgr type reactors
*BT1 thermal reactors
*BT1 training reactors

UZBEK ORGANIZATIONS

2004-03-31
BT1 national organizations

uzbek wwr-c reactor

2000-04-12
USE wwr-s-tashkent reactor

uzbek wwr-s reactor

INIS: 1976-06-23; ETDE: 2002-05-24
USE wwr-s-tashkent reactor

UZBEKISTAN

INIS: 1997-08-20; ETDE: 1993-04-08
(Until January 1993, this was indexed by
USSR.)
SF soviet union
SF union of soviet socialist republics
SF ussr
BT1 asia
RT aral sea

v-1 reactor (bohunice)

USE bohunice v-1 reactor

v-2 reactor (bohunice)

INIS: 1979-05-28; ETDE: 1979-09-06
USE bohunice v-2 reactor

v-2 reactor (dukovany)

2000-04-12
(Prior to August 1997 DUKOVANY V-2
reactor was used for this concept in ETDE.)
SEE dukovany-1 reactor
SEE dukovany-2 reactor
SEE dukovany-3 reactor
SEE dukovany-4 reactor

V-A THEORY

UF vector-axial vector theory
RT axial-vector currents
RT current algebra
RT fermi interactions
RT vector currents

V CENTERS

*BT1 color centers

V CODES

BT1 computer codes

V TROUGH COLLECTORS

INIS: 2000-04-12; ETDE: 1978-10-25
*BT1 concentrating collectors

va characteristic

USE electric conductivity

VAAALPUTS RADIOACTIVE WASTE DISPOSAL FACILITY

INIS: 1987-05-26; ETDE: 1991-08-20
Vaalputs Radioactive Waste Disposal Facility
in Bushmanland, South Africa .
*BT1 radioactive waste facilities

VACANCIES

Not for HOLES.
*BT1 point defects
NT1 color centers
NT2 a centers
NT2 e centers
NT2 f centers
NT2 h centers
NT2 i centers
NT2 m centers
NT2 r centers
NT2 s centers
NT2 u centers
NT2 v centers
NT2 x centers
NT2 z centers
NT1 frenkel defects
NT1 schottky defects
RT traps

VACCINES

RT antigens
RT bacteria
RT fungi
RT immunity
RT inoculation
RT viruses

VACCINIA VIRUS

*BT1 viruses

vacuum (1-1000 micro pa)

2003-11-19
USE pressure range micro pa

vacuum (1-1000 milli pa)

2003-11-19
USE pressure range milli pa

vacuum (1-1000 nano pa)

2003-11-19
USE pressure range nano pa

vacuum (1-1000 pa)

2003-11-19
USE pressure range pa

vacuum (7.5 - 7.5x10(3) torr)

2003-11-19
USE pressure range kilo pa

vacuum (7.5x10(-12) - 7.5x10(-9) torr)

2003-11-19
USE pressure range nano pa

vacuum (7.5x10(-3) - 7.5 torr)

2003-11-19
USE pressure range pa

vacuum (7.5x10(-6) - 7.5x10(-3) torr)

2003-11-19
USE pressure range milli pa

vacuum (7.5x10(-9) - 7.5x10(-6) torr)

2003-11-19
USE pressure range micro pa

vacuum (below 1 nano pa)

2003-11-19
USE pressure range below 1 nano pa

vacuum (below 7.5x10(-12) torr)

2003-11-19
USE pressure range below 1 nano pa

vacuum (rough)

SEE pressure range kilo pa
SEE pressure range pa

vacuum arc centrifuges

INIS: 1985-07-23; ETDE: 2002-05-24
USE plasma centrifuges

VACUUM-ARC ION SOURCES

2018-02-26
*BT1 arc-discharge ion sources
NT1 mevva ion sources

VACUUM CARBONATE PROCESS

INIS: 2000-04-12; ETDE: 1979-01-30
*BT1 desulfurization
RT waste processing

VACUUM CASTING

UF continuous vacuum casting
*BT1 casting

VACUUM COATING

INIS: 1979-04-27; ETDE: 1976-05-13
For the process; for the product use VAPOR
DEPOSITED COATINGS.
*BT1 surface coating
RT physical vapor deposition
RT sputtering
RT vacuum evaporation
RT vapor deposited coatings

VACUUM DISTILLATION

INIS: 1999-03-08; ETDE: 1981-11-10
*BT1 distillation

VACUUM EVAPORATION

INIS: 1986-05-26; ETDE: 1981-07-18

- *BT1 evaporation
- RT physical vapor deposition
- RT vacuum coating
- RT vapor deposited coatings
- RT vapor plating

VACUUM FERMENTATION

INIS: 2000-04-12; ETDE: 1978-10-23

Fermentation at about 50 to 100 mm hg.

- *BT1 fermentation

VACUUM FURNACES

- BT1 furnaces
- RT arc furnaces
- RT electron beam furnaces

VACUUM GAGES

1996-07-18

- *BT1 pressure gages
- NT1 ionization gages
- NT2 bayard-alpert gages
- NT2 philips gages
- NT2 radioactive ionization gages
- NT1 knudsen gages
- NT1 pirani gages
- RT vacuum systems

vacuum insulation panels

2006-05-12

- USE pressure range pa
- USE thermal insulation

VACUUM MELTING

- *BT1 melting

VACUUM POLARIZATION

- RT casimir effect
- RT quantum electrodynamics
- RT vacuum states

VACUUM PUMPS

- *BT1 laboratory equipment
- *BT1 pumps
- NT1 cryopumps
- NT1 sputter-ion pumps
- NT1 turbomolecular pumps
- RT getters
- RT pressure range
- RT vacuum systems

VACUUM STATES

- RT annihilation operators
- RT creation operators
- RT field operators
- RT gluon condensation
- RT instantons
- RT quark condensation
- RT vacuum polarization

VACUUM SYSTEMS

- RT accelerators
- RT vacuum gages
- RT vacuum pumps

vacuum ultraviolet radiation

- USE far ultraviolet radiation

VACUUM WELDING

- *BT1 welding
- RT electron beam welding

vagina

- USE female genitals

vagotomy

- USE surgery
- USE vagus

VAGUS

- UF vagotomy
- *BT1 autonomic nervous system

- *BT1 nerves
- RT parasympathomimetics

VAH RIVER

INIS: 2001-12-06; ETDE: 2002-01-18

- *BT1 rivers
- RT slovakia

VAHNUM-1 REACTOR

INIS: 1977-02-08; ETDE: 1977-04-13

Vahnum, North Rhein Westfalia, Federal Republic of Germany.

- UF kernkraftwerk vahnum-1
- *BT1 pwr type reactors

VAHNUM-2 REACTOR

INIS: 1977-02-08; ETDE: 1977-04-13

Vahnum, North Rhein Westfalia, Federal Republic of Germany.

- UF kernkraftwerk vahnum-2
- *BT1 pwr type reactors

VAK REACTOR

Karlstein am Main, Federal Republic of Germany. Permanent shutdown since November 1985.

- UF kahl-vak reactor
- UF versuchsatomkraftwerk kahl reactor
- *BT1 bwr type reactors

VALENCE

(From February 1979 to March 1997 IONIC POTENTIAL was a valid ETDE descriptor.)

- UF electron acceptor
- UF electron donor
- UF ionic potential
- UF oxidation state
- UF valence electrons
- UF valency states
- NT1 coordination valences
- RT hot atom chemistry
- RT radiation chemistry
- RT redox potential

valence electrons

- USE electrons
- USE valence

VALENCY MODEL

2000-04-12

A model for certain neutron capture reactions.

- *BT1 nuclear models
- RT capture
- RT nuclear reactions

valency states

- USE valence

VALERIC ACID

- UF pentanoic acid
- *BT1 monocarboxylic acids

VALIDATION

INIS: 1995-04-09; ETDE: 1980-07-09

Act of testing for compliance with a standard.

- BT1 testing
- RT evaluation
- RT mathematical models
- RT verification

VALINE

- UF aminoisovaleric acid-alpha
- *BT1 amino acids

VALINOMYCIN

1977-11-02

- *BT1 antibiotics
- RT lipids

vallecitos reactor

2000-04-12

- USE evsr reactor

vallecitos vbwr reactor

- USE vbwr reactor

VALLEYS

INIS: 1992-05-26; ETDE: 1976-06-07

- NT1 imperial valley
- NT1 long valley
- NT1 raft river valley
- RT canyons
- RT complex terrain
- RT mountains
- RT watersheds

values

INIS: 2000-04-12; ETDE: 1979-09-26
(Prior to December 1991 this was a valid ETDE descriptor.)

- SEE cost
- SEE data
- SEE economics
- SEE socio-economic factors

VALVES

- *BT1 flow regulators
- NT1 relief valves
- NT1 water faucets
- RT bellows
- RT closures
- RT pipe fittings
- RT reactor cooling systems

van allen belts

- USE radiation belts

VAN DE GRAAFF ACCELERATORS

1996-07-18

- UF learn tandem accelerator
- *BT1 electrostatic accelerators
- NT1 cml mp tandem accelerator
- NT1 jaeri tandem accelerator
- NT1 orsay tandem accelerator
- NT1 vivitron tandem accelerator
- RT tandem electrostatic accelerators
- RT vicksi accelerator

VAN DER WAALS FORCES

- RT adsorption
- RT intermolecular forces
- RT molecules
- RT virial equation

VAN HOVE-HUGENHOLTZ THEORY

- UF hugenholtz-pines theory
- RT many-body problem

VAN HOVE MODEL

- *BT1 particle models
- RT regge poles

van hove-prigogine theory

- USE prigogine theorem

VAN HOVE THEORY

- RT slowing-down
- RT transport theory

VAN VLECK THEORY

- RT paramagnetism

VANADATES

Specific compounds, except those of significance to energy research and development such as the NT listed below, should be indexed by coordination of a descriptor of the form (CATION) COMPOUNDS and the above anion descriptor.

- BT1 oxygen compounds
- *BT1 vanadium compounds
- NT1 potassium vanadates
- NT1 uranium vanadates
- RT vanadium oxides

VANADIUM

- *BT1 transition elements

VANADIUM 40

2008-01-28

- *BT1 light nuclei
- *BT1 odd-odd nuclei
- *BT1 proton decay radioisotopes
- *BT1 vanadium isotopes

VANADIUM 41

2008-01-28

- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 proton decay radioisotopes
- *BT1 vanadium isotopes

VANADIUM 42

INIS: 1997-02-07; ETDE: 1978-07-05

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 43

1993-01-13

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 vanadium isotopes

VANADIUM 44

1986-04-02

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 45

INIS: 1997-02-07; ETDE: 1980-04-14

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 vanadium isotopes

VANADIUM 46

- *BT1 beta-plus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 47

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 vanadium isotopes

VANADIUM 48

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 48 TARGET

INIS: 1982-10-28; ETDE: 1979-06-06

- BT1 targets

VANADIUM 49

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei

- *BT1 odd-even nuclei
- *BT1 vanadium isotopes

VANADIUM 49 TARGET

ETDE: 1976-07-09

- BT1 targets

VANADIUM 50

- *BT1 beta-minus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes
- *BT1 years living radioisotopes

VANADIUM 50 TARGET

ETDE: 1976-07-09

- BT1 targets

VANADIUM 51

- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 stable isotopes
- *BT1 vanadium isotopes

VANADIUM 51 REACTIONS

INIS: 1985-11-16; ETDE: 1985-12-11

- *BT1 heavy ion reactions

VANADIUM 51 TARGET

ETDE: 1976-07-09

- BT1 targets

VANADIUM 52

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 53

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 vanadium isotopes

VANADIUM 54

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes
- *BT1 vanadium isotopes

VANADIUM 55

INIS: 1978-07-03; ETDE: 1978-02-14

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes
- *BT1 vanadium isotopes

VANADIUM 56

1980-11-07

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 57

INIS: 1986-08-19; ETDE: 1981-01-30

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 vanadium isotopes

VANADIUM 58

INIS: 1986-08-19; ETDE: 1981-01-30

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 59

INIS: 1986-08-19; ETDE: 1986-09-05

- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 vanadium isotopes

VANADIUM 60

INIS: 1986-08-19; ETDE: 1986-09-05

- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 61

2005-03-14

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 vanadium isotopes

VANADIUM 62

2005-03-14

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 63

2005-03-14

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 vanadium isotopes

VANADIUM 64

2008-01-28

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM 65

2008-01-28

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 odd-even nuclei
- *BT1 vanadium isotopes

VANADIUM 66

2009-06-02

- *BT1 beta-minus decay radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 vanadium isotopes

VANADIUM ADDITIONS

1996-11-13

Alloys containing not more than 1% V are listed here.

- *BT1 vanadium alloys
- NT1** alloy-ni54mo17cr16fe6w4
- NT2** hastelloy c
- NT1** alloy-ni60co15cr10al6ti5mo3
- NT2** alloy-in-100
- NT1** alloy-ni62cr16mo15fe3
- NT2** hastelloy s
- NT1** alloy-ni65mo28fe5
- NT2** hastelloy b
- NT1** alloy-ti90al6
- NT1** steel-cr12moniv
- NT1** steel-cr12mov
- NT2** alloy-ht-9
- NT1** steel-cr16ni13monbv
- NT1** steel-cr2mov
- NT1** steel-cr2nimov
- NT1** steel-cr9monbv
- NT1** steel-crmov

NT1 steel-mnnimov
 NT1 steel-ni26cr15ti2moyalb
 NT2 alloy-a-286
 NT1 steel-ni3crmo
 NT2 steel-astm-a543
 NT1 steel-ni3crmov

VANADIUM ALLOYS

1996-11-13

Alloys containing more than 1% V.

UF alloy-co52fe35v13
 UF alloy-ehp-496
 UF steel-40k14g18f
 UF transage 129
 UF transage 134
 UF transage 175
 UF vikalloy 1
 UF vikalloy 2
 *BT1 transition element alloys
 NT1 alloy-co52fe35v10
 NT1 alloy-ti90al6v4
 NT1 alloy-ti91al4mo3
 NT1 vanadium additions
 NT2 alloy-ni54mo17cr16fe6w4
 NT3 hastelloy c
 NT2 alloy-ni60co15cr10al6ti5mo3
 NT3 alloy-in-100
 NT2 alloy-ni62cr16mo15fe3
 NT3 hastelloy s
 NT2 alloy-ni65mo28fe5
 NT3 hastelloy b
 NT2 alloy-ti90al6
 NT2 steel-cr12moniv
 NT2 steel-cr12mov
 NT3 alloy-ht-9
 NT2 steel-cr16ni13monbv
 NT2 steel-cr2mov
 NT2 steel-cr2nimov
 NT2 steel-cr9monbv
 NT2 steel-crmov
 NT2 steel-mnnimov
 NT2 steel-ni26cr15ti2moyalb
 NT3 alloy-a-286
 NT2 steel-ni3crmo
 NT3 steel-astm-a543
 NT2 steel-ni3crmov
 NT1 vanadium base alloys
 NT2 alloy-v87cr9fe3

VANADIUM ARSENIDES

1996-07-15

(From June 1996 to February 2008

VANADIUM COMPOUNDS + ARSENIDES was used for this concept.)

*BT1 arsenides
 *BT1 vanadium compounds

VANADIUM BASE ALLOYS

*BT1 vanadium alloys
 NT1 alloy-v87cr9fe3

VANADIUM BORIDES

*BT1 borides
 *BT1 vanadium compounds

VANADIUM BROMIDES

*BT1 bromides
 *BT1 vanadium halides

VANADIUM CARBIDES

*BT1 carbides
 *BT1 vanadium compounds

VANADIUM CHLORIDES

*BT1 chlorides
 *BT1 vanadium halides

VANADIUM COMPLEXES

*BT1 transition element complexes

VANADIUM COMPOUNDS

1997-06-19

BT1 transition element compounds
 NT1 vanadates
 NT2 potassium vanadates
 NT2 uranium vanadates
 NT1 vanadium arsenides
 NT1 vanadium borides
 NT1 vanadium carbides
 NT1 vanadium halides
 NT2 vanadium bromides
 NT2 vanadium chlorides
 NT2 vanadium fluorides
 NT2 vanadium iodides
 NT1 vanadium hydrides
 NT1 vanadium hydroxides
 NT1 vanadium nitrates
 NT1 vanadium nitrides
 NT1 vanadium oxides
 NT1 vanadium phosphates
 NT1 vanadium phosphides
 NT1 vanadium selenides
 NT1 vanadium silicates
 NT1 vanadium silicides
 NT1 vanadium sulfates
 NT1 vanadium sulfides
 NT1 vanadium tellurides
 NT1 vanadium tungstates

VANADIUM FLUORIDES

*BT1 fluorides
 *BT1 vanadium halides

VANADIUM HALIDES

2012-07-25

*BT1 halides
 *BT1 vanadium compounds
 NT1 vanadium bromides
 NT1 vanadium chlorides
 NT1 vanadium fluorides
 NT1 vanadium iodides

VANADIUM HYDRIDES

*BT1 hydrides
 *BT1 vanadium compounds

VANADIUM HYDROXIDES

*BT1 hydroxides
 *BT1 vanadium compounds

VANADIUM IODIDES

*BT1 iodides
 *BT1 vanadium halides

VANADIUM IONS

*BT1 ions

VANADIUM ISOTOPES

1999-07-16

BT1 isotopes
 NT1 vanadium 40
 NT1 vanadium 41
 NT1 vanadium 42
 NT1 vanadium 43
 NT1 vanadium 44
 NT1 vanadium 45
 NT1 vanadium 46
 NT1 vanadium 47
 NT1 vanadium 48
 NT1 vanadium 49
 NT1 vanadium 50
 NT1 vanadium 51
 NT1 vanadium 52
 NT1 vanadium 53
 NT1 vanadium 54
 NT1 vanadium 55
 NT1 vanadium 56
 NT1 vanadium 57
 NT1 vanadium 58
 NT1 vanadium 59
 NT1 vanadium 60

NT1 vanadium 61
 NT1 vanadium 62
 NT1 vanadium 63
 NT1 vanadium 64
 NT1 vanadium 65
 NT1 vanadium 66

vanadium minerals

INIS: 2000-04-12; ETDE: 1975-10-28

Use one of the more specific descriptors under MINERALS.

(Prior to May 1982, this was a valid ETDE descriptor.)

USE minerals

VANADIUM NITRATES

INIS: 1976-10-29; ETDE: 1976-12-16

*BT1 nitrates
 *BT1 vanadium compounds

VANADIUM NITRIDES

*BT1 nitrides
 *BT1 vanadium compounds

VANADIUM ORES

1976-02-11

BT1 ores

VANADIUM OXIDES

1996-07-18

*BT1 oxides
 *BT1 vanadium compounds
 RT corvusite
 RT ferghanite
 RT melanovanadite
 RT oxide minerals
 RT pascoite
 RT rauvite
 RT sengierite
 RT tyuyamunitite
 RT vanadates

VANADIUM PHOSPHATES

*BT1 phosphates
 *BT1 vanadium compounds

VANADIUM PHOSPHIDES

INIS: 1980-11-07; ETDE: 1979-04-11

*BT1 phosphides
 *BT1 vanadium compounds

VANADIUM SELENIDES

INIS: 1979-09-18; ETDE: 1977-11-09

*BT1 selenides
 *BT1 vanadium compounds

VANADIUM SILICATES

*BT1 silicates
 *BT1 vanadium compounds

VANADIUM SILICIDES

*BT1 silicides
 *BT1 vanadium compounds

VANADIUM SULFATES

*BT1 sulfates
 *BT1 vanadium compounds

VANADIUM SULFIDES

*BT1 sulfides
 *BT1 vanadium compounds

VANADIUM TELLURIDES

INIS: 2000-04-12; ETDE: 1991-07-30

*BT1 tellurides
 *BT1 vanadium compounds

VANADIUM TUNGSTATES

1996-07-15

(From June 1996 to February 2008

VANADIUM COMPOUNDS + TUNGSTATES was used for this concept.)

*BT1 tungstates
 *BT1 vanadium compounds

VANDELLOS-2 REACTOR

INIS: 1995-02-15; ETDE: 1986-04-29
 Vandellos, Tarragona, Spain.

*BT1 pwr type reactors

VANDELLOS REACTOR

Vandellos, Tarragona, Spain. Permanently shut down since 1990.

*BT1 carbon dioxide cooled reactors

*BT1 gcr type reactors

*BT1 power reactors

*BT1 thermal reactors

VANES

RT fins

RT reactor components

VANPOOLING

INIS: 2000-04-12; ETDE: 1977-06-21

SF ridesharing

BT1 carpooling

RT energy conservation

RT land transport

RT roads

RT transportation systems

RT vans

VANS

INIS: 2000-04-12; ETDE: 1979-12-17

BT1 vehicles

RT automobiles

RT occupants

RT taxicabs

RT vanpooling

vanstar 7

1997-01-28

(Prior to March 1997 this was a valid ETDE descriptor.)

USE alloy-v87cr9fe3

VANUATU

2018-07-24

BT1 developing countries

BT1 islands

BT1 oceania

RT pacific ocean

VAPOR COMPRESSION**REFRIGERATION CYCLE**

INIS: 2000-04-12; ETDE: 1978-05-03

BT1 thermodynamic cycles

RT air conditioners

RT cooling systems

RT gas compressors

RT refrigerating machinery

RT refrigeration

RT refrigerators

VAPOR CONDENSATION

UF condensation (vapor)

NT1 dropwise condensation

NT1 film condensation

RT condensates

RT condensation chambers

RT condensation nuclei

RT cooling

RT dew point

RT fog

RT heat transfer

RT liquefaction

RT subcooling

RT vapor condensers

VAPOR CONDENSERS

UF condensers (vapor)

UF liquefiers

SF condensers

NT1 cold traps

NT1 steam condensers

NT2 ice condensers

NT2 isolation condensers

RT condensing boilers

RT cooling towers

RT counterflow systems

RT crossflow systems

RT evaporators

RT heat sinks

RT vapor condensation

RT vapor separators

VAPOR DEPOSITED COATINGS

BT1 coatings

RT chemical vapor deposition

RT physical vapor deposition

RT sputtering

RT vacuum coating

RT vacuum evaporation

RT vapor plating

VAPOR-DOMINATED SYSTEMS

INIS: 1997-06-19; ETDE: 1976-03-25

(Prior to May 1976 DRY-STEAM SYSTEMS was used for this concept in ETDE.)

UF dry-steam systems

*BT1 hydrothermal systems

RT geysers geothermal field

RT larderello geothermal field

RT matsukawa geothermal field

RT travale geothermal field

VAPOR EXPLOSIONS

2009-12-09

BT1 explosions

RT reactor accidents

RT vapors

VAPOR GENERATORS

UF generators (vapor)

BT1 boilers

NT1 steam generators

RT rankine cycle engines

RT reactor cooling systems

RT vapors

vapor incinerators

INIS: 2000-04-12; ETDE: 1975-11-11

USE afterburners

VAPOR JET EJECTORS

NT1 steam jet ejectors

RT mhd generators

VAPOR PHASE EPITAXY

INIS: 1992-08-12; ETDE: 1982-10-20

Epitaxial growth resulting from the pyrolysis of or chemical reaction between vapor phase components at the substrate surface.

*BT1 epitaxy

RT chemical vapor deposition

RT crystal growth

VAPOR PLATING

*BT1 plating

RT cathode sputtering

RT chemical vapor deposition

RT physical vapor deposition

RT vacuum evaporation

RT vapor deposited coatings

VAPOR PRESSURE

UF pressure (vapor)

*BT1 thermodynamic properties

RT knudsen flow

VAPOR SEPARATORS

UF moisture separators

UF separators (vapor)

*BT1 separation equipment

NT1 steam separators

RT mhd generators

RT vapor condensers

vaporization

USE evaporation

VAPORIZATION HEAT

UF heat of vaporization

UF latent heat of vaporization

*BT1 transition heat

RT evaporation

RT latent heat storage

VAPORS

*BT1 gases

NT1 water vapor

RT distillates

RT evaporation

RT liquids

RT vapor explosions

RT vapor generators

RT void fraction

var compensators

INIS: 2000-04-12; ETDE: 1983-03-23

USE var control systems

VAR CONTROL SYSTEMS

INIS: 2000-04-12; ETDE: 1983-03-23

UF var compensators

UF volt-ampere reactive control systems

BT1 control systems

RT electric power

RT electrical transients

RT overvoltage

RT power factor

RT power systems

RT power transmission

RT reliability

RT stabilization

RT surges

varactors

USE variable capacitance diodes

VARENNES TOKAMAK

1983-09-06

UF tokamak de varennnes

*BT1 tokamak devices

variability (biological)

USE biological variability

variability (genetic)

USE genetic variability

VARIABLE CAPACITANCE DIODES

UF varactors

*BT1 semiconductor diodes

VARIABLE ENERGY CYCLOTRONS

1999-05-19

*BT1 cyclotrons

NT1 calcutta cyclotron

NT1 chandigarh cyclotron

variable moment of inertia model

USE vmi model

VARIABLE STARS

BT1 stars

NT1 eruptive variable stars

NT2 novae

NT2 supernovae

NT3 type i supernovae

NT3 type ii supernovae

NT2 t tauri stars

NT1 pulsating variable stars

NT2 cepheids

RT magnetic stars

RT starspots

varian computers

INIS: 2000-04-12; ETDE: 1975-11-28

(Prior to March 1997 this was a valid ETDE descriptor.)

USE computers

VARIATIONAL METHODS

BT1 calculation methods

NT1 density functional method

NT1 hsk procedure

NT1 resonating-group method

NT1 schwinger variational method

RT functionals

RT mathematics

RT neutron transport theory

RT optimization

RT ritz method

VARIATIONAL MONTE CARLO METHOD

2018-03-01

*BT1 quantum monte carlo method

VARIATIONS

NT1 annual variations

NT1 daily variations

NT1 fluctuations

NT2 landau fluctuations

NT1 geographical variations

NT2 latitude effect

NT1 hourly variations

NT1 monthly variations

NT1 nocturnal variations

NT1 periodicity

NT1 seasonal variations

RT degrees of freedom

RT disturbances

RT modifications

RT modulation

RT oscillations

RT pulsations

RT reactor noise

RT temperature noise

RT transients

varistors

Non-linear semiconductor resistors.

USE semiconductor resistors

VARNISHES

BT1 coatings

RT dielectric materials

VASCULAR DISEASES

*BT1 cardiovascular diseases

NT1 arteriosclerosis

NT1 hypertension

NT1 ischemia

NT1 nephrosclerosis

NT1 telangiectasis

NT1 thrombosis

RT blood vessels

RT emboli

RT vasoconstrictors

RT vasodilators

VASOCONSTRICTION

RT blood circulation

RT blood vessels

RT capillaries

RT cardiovascular agents

RT sympathomimetics

RT vasoconstrictors

RT vasodilation

VASOCONSTRICTORS

INIS: 1984-05-24; ETDE: 1981-04-20

*BT1 cardiovascular agents

NT1 angiotensin

NT1 ephedrine

RT blood vessels

RT endothelins

RT vascular diseases

RT vasoconstriction

vasodilatation

INIS: 1990-12-07; ETDE: 2002-05-24

(Prior to December 1990, this was a valid descriptor.)

USE vasodilation

VASODILATION

INIS: 1990-12-07; ETDE: 1977-10-20

UF vasodilatation

RT blood circulation

RT blood vessels

RT capillaries

RT cardiovascular agents

RT sympathomimetics

RT vasoconstriction

RT vasodilators

VASODILATORS

INIS: 1984-05-24; ETDE: 1981-04-20

*BT1 cardiovascular agents

NT1 dipyridamole

NT1 theobromine

NT1 theophylline

RT blood vessels

RT vascular diseases

RT vasodilation

VASOPRESSIN

UF antidiuretic hormone

*BT1 pituitary hormones

RT tubules

vatican city state

2008-03-28

USE holy see

vavilov-cherenkov radiation

USE cherenkov radiation

vax computers

INIS: 1980-09-12; ETDE: 1980-03-29

USE dec computers

VBWR REACTOR

General Electric Co., Sunol, California, USA.

Decommissioned in 1963.

UF vallecitos vbwr reactor

*BT1 bwr type reactors

vcocl

ETDE: 2002-05-24

USE vcoclnd

VCOCLND

Vienna Convention on Civil Liability for Nuclear Damage.

UF damage, vienna convention on liability

UF liability conv nuclear damage, vienna

UF nuclear damage, vienna civil liability convention

UF vcocl

UF vienna convention on civil liability

*BT1 multilateral agreements

RT civil liability

RT nuclear damage

RT nuclear liability

vector-axial vector theory

USE v-a theory

VECTOR CURRENTS

*BT1 algebraic currents

RT axial-vector currents

RT cvc theory

RT pcvc theory

RT v-a theory

VECTOR DOMINANCE MODEL

*BT1 particle models

RT vector mesons

VECTOR FIELDS

RT quantum chromodynamics

RT quantum field theory

VECTOR MESONS

1995-08-07

Mesons with spin and parity 1-.

SF *upsilon resonances*

*BT1 mesons

NT1 b*-5325 mesons

NT1 d*-2010 mesons

NT1 j psi-3097 mesons

NT1 k*-1410 mesons

NT1 k*-1680 mesons

NT1 k*-892 mesons

NT1 omega-1420 mesons

NT1 omega-1600 mesons

NT1 omega-782 mesons

NT1 phi-1020 mesons

NT1 phi-1680 mesons

NT1 psi-3685 mesons

NT1 psi-3770 mesons

NT1 psi-4040 mesons

NT1 psi-4160 mesons

NT1 psi-4415 mesons

NT1 rho-1450 mesons

NT1 rho-1700 mesons

NT1 rho-2150 mesons

NT1 rho-770 mesons

NT1 *upsilon*-10023 mesons

NT1 *upsilon*-10355 mesons

NT1 *upsilon*-10580 mesons

NT1 *upsilon*-10860 mesons

NT1 *upsilon*-11020 mesons

NT1 *upsilon*-9460 mesons

RT gluon model

RT gluons

RT higgs model

RT meson nonets

RT vector dominance model

VECTOR PROCESSING

INIS: 1997-06-17; ETDE: 1983-11-09

BT1 programming

RT algorithms

RT cedar computers

RT computers

RT parallel processing

RT supercomputers

VECTORS

BT1 tensors

NT1 isovectors

RT banach space

RT eigenvectors

RT helmholtz theorem

RT laplacian

RT mathematics

RT poynting theorem

RT spinors

RT tensor forces

VEGA SPACE PROBES

INIS: 1985-04-22; ETDE: 1985-05-07

*BT1 space vehicles

VEGARD LAW

RT alloy systems

RT crystal lattices

VEGETABLE OILS

INIS: 1996-10-22; ETDE: 1983-03-07

(Prior to March 1983 this concept was indexed to PLANTS and OILS in ETDE.)

UF *croton oil*

UF *tigilium oil*

*BT1 oils

NT1 castor oil
 NT1 corn oil
 NT1 cottonseed oil
 NT1 linseed oil
 NT1 olive oil
 NT1 palm oil
 NT1 peanut oil
 NT1 sesame oil
 NT1 soybean oil
 NT1 sunflower oil
 RT essential oils

VEGETABLES

Edible parts of plants only.

BT1 food
 BT1 plants
 NT1 beans
 NT2 mungbeans
 NT1 beets
 NT2 sugar beets
 NT1 brassica
 NT2 kale
 NT1 carrots
 NT1 cucumbers
 NT1 garlic
 NT1 lettuce
 NT1 onions
 NT2 allium cepa
 NT1 peas
 NT1 peppers
 NT1 potatoes
 NT1 radishes
 NT1 soybeans
 NT1 spinach
 NT1 yams
 RT crops

vegetation

USE plants

VEGETATIVE PROPAGATION

1999-05-05

BT1 cloning
 RT adventitious bud technique
 RT plants
 RT reproduction

VEHICLES

1995-09-08

(From February 1982 till March 1997

TRAILERS was a valid ETDE descriptor.)

UF motor vehicles
 SF trailers
 NT1 air cushion vehicles
 NT1 automobiles
 NT1 bicycles
 NT1 buses
 NT1 electric-powered vehicles
 NT2 hybrid electric-powered vehicles
 NT2 roadway-powered electric vehicles
 NT1 flywheel-powered vehicles
 NT1 low-emission vehicles
 NT1 mine cars
 NT1 motorcycles
 NT1 railroad cars
 NT1 recreational vehicles
 NT1 space vehicles
 NT2 international space station
 NT2 luna space probes
 NT2 mariner space probes
 NT2 mars space probes
 NT2 mir orbital station
 NT2 pioneer space probes
 NT2 reentry vehicles
 NT2 salyut orbital stations
 NT2 skylab
 NT2 space shuttles
 NT2 vega space probes
 NT2 venera space probes
 NT2 viking space probes

NT2 voyager space probes

NT1 taxicabs
 NT1 trackless vehicles
 NT1 trains
 NT2 levitated trains
 NT2 locomotives
 NT1 trucks
 NT1 vans
 RT earthmoving equipment
 RT mechanical transmissions
 RT mobile homes
 RT motor vehicle accidents
 RT motor vehicle operators
 RT occupants
 RT postal services
 RT propulsion systems
 RT rail transport
 RT road tests
 RT road transport
 RT tires
 RT traffic control
 RT transport
 RT wheels

VEINS

*BT1 blood vessels
 NT1 portal system
 RT intravenous injection
 RT lymph vessels

VELA PROJECT

1996-07-23

(Prior to February 1996 COWBOY EVENT and LOLLIPOP EVENT were valid ETDE descriptors; prior to March 1997 SHOAL EVENT was a valid ETDE descriptor.)

UF cowboy event
 UF lollipop event
 UF project vela
 UF shoal event
 NT1 gnome event
 NT1 long shot event
 NT1 salmon event
 NT1 sterling event
 RT nuclear explosions
 RT seismic detection
 RT seismology
 RT underground explosions

VELOCIMETERS

INIS: 1978-11-24; ETDE: 1975-08-19

UF speed indicators
 BT1 measuring instruments
 RT accelerometers
 RT velocity

VELOCITY

UF speed
 NT1 angular velocity
 NT1 critical velocity
 NT1 mach number
 NT1 phase velocity
 NT1 radial velocity
 NT1 slip velocity
 RT acceleration
 RT flow rate
 RT kinetic energy
 RT linear momentum
 RT motion
 RT velocimeters

velocity-pumps reaction turbines

INIS: 2000-04-12; ETDE: 1979-07-24

(Prior to January 1995, this was a valid ETDE descriptor.)
 USE turbines

VENERA SPACE PROBES

INIS: 1978-09-28; ETDE: 1979-06-21

*BT1 space vehicles
 RT space flight

VENEZIANO MODEL

*BT1 particle models
 NT1 dual resonance model
 RT scattering amplitudes

VENEZUELA

BT1 developing countries
 *BT1 south america
 RT andes
 RT opec

VENOMS

RT toxicity
 RT toxins

VENTILATION

UF natural ventilation
 UF ventilation ducts
 NT1 displacement ventilation
 RT aerosols
 RT air
 RT air cleaning
 RT air cleaning systems
 RT air conditioning
 RT air flow
 RT airtightness
 RT building technology suite
 RT ceiling fans
 RT exhaust systems
 RT filters
 RT fume hoods
 RT gaseous wastes
 RT stacks
 RT ventilation barriers
 RT ventilation systems

VENTILATION BARRIERS

INIS: 1996-04-18; ETDE: 1978-05-03

Physical barriers used in mines to prevent harmful gases or smoke from mixing with air in the area being worked by miners.

UF stoppings (ventilation barriers)
 SF barriers
 BT1 engineered safety systems
 RT ventilation

ventilation ducts

INIS: 2000-04-12; ETDE: 1977-06-24

USE ducts
 USE ventilation

VENTILATION SYSTEMS

INIS: 1992-04-13; ETDE: 1978-01-23

RT air cleaning systems
 RT air conditioning
 RT air flow
 RT displacement ventilation
 RT space hvac systems
 RT ventilation

VENTS

RT openings

VENTURI SCRUBBERS

2013-11-27

*BT1 wet scrubbers

VENTURI TUBES

RT flowmeters

VENUS-1 REACTOR

2018-06-04

Beijing, Fangshang district, China.

*BT1 subcritical assemblies

VENUS PLANET

BT1 planets

VENUS REACTOR

(In 2008 the reactor was transformed into a fast lead reactor. In 2011 for the lead-based subcritical reactor was coupled with a particle accelerator in continuous mode.)

- UF *vulcain experiment nuclear study*
- *BT1 accelerator-driven subcritical systems
- *BT1 enriched uranium reactors
- *BT1 experimental reactors
- *BT1 lmfr type reactors
- *BT1 thermal reactors

VEP-1

- BT1 storage rings

VEPP-2

- BT1 storage rings

VEPP-3

- BT1 storage rings

VEPP-4

- BT1 storage rings

VERA REACTOR

UK Ministry of Defence, Berkshire, United Kingdom. Decommissioned.

- UF *versatile experimental reactor assembly*
- *BT1 fast reactors
- *BT1 research reactors
- *BT1 zero power reactors
- RT enriched uranium reactors
- RT plutonium reactors

VERIFICATION

INIS: 1995-04-09; ETDE: 1983-08-25

Process or result of confirming the accuracy of reported information, data, etc.

- UF *data validation*
- UF *information validation*
- RT arms control
- RT audits
- RT data processing
- RT inspection
- RT on-site inspection
- RT treaties
- RT validation

VERMICULITE

- *BT1 inorganic ion exchangers
- *BT1 mica
- RT aluminium silicates
- RT iron silicates
- RT magnesium silicates

VERMONT

1997-06-17

- *BT1 usa
- RT connecticut river
- RT connecticut river basin

VERMONT YANKEE REACTOR

Entergy Nuclear Operations, Inc., Vernon, Vermont, USA. Permanent shutdown since December 2014.

- UF *yankee vermont reactor*
- *BT1 bwr type reactors

VERNACULAR ARCHITECTURE

2005-06-01

Approach based on traditional methods which are especially suitable for the locality.

- BT1 architecture
- RT building codes
- RT construction
- RT energy conservation
- RT site selection

VERNALIZATION

- RT cereals
- RT crops

- RT seasons
- RT seeds
- RT sprouting
- RT temperature dependence

VERNEUIL METHOD

2000-04-12

Method of single-crystal growth in which powder is dropped through an oxy-hydrogen flame, falling molten on crystal seed.

- BT1 crystal growth methods
- BT1 flames
- RT crystal growth
- RT monocrystals

vernier chronotrons

1996-07-15

(Until June 1996 this was a valid descriptor.)

- USE chronotrons

VERPLANCK-1 REACTOR

Consolidated Edison Co., Verplanck, New York, USA. Canceled in 1972 before construction began.

- *BT1 bwr type reactors

VERPLANCK-2 REACTOR

Consolidated Edison Co., Verplanck, New York, USA. Canceled in 1972 before construction began.

- *BT1 bwr type reactors

versatile experimental reactor assembly

1993-11-10

- USE vera reactor

versatile intermediate pulsed experimental reactor

1993-11-10

- USE viper reactor

VERSATOR TOKAMAK

INIS: 1986-03-04; ETDE: 1985-08-08

A tokamak confinement experiment at Massachusetts Institute of Technology used primarily for studies on rf heating and current drive using lower hybrid waves.

- *BT1 tokamak devices

versene

- USE edta

versuchsatomkraftwerk kahl reactor

1993-11-10

- USE vak reactor

VERTEBRAE

- UF *disks (intervertebral)*
- UF *intervertebral disks*
- UF *spine*
- *BT1 skeleton
- RT spinal cord
- RT spondylitis

VERTEBRATES

- UF *chordates*
- BT1 animals
- NT1 amphibians
- NT2 frogs
- NT2 salamanders
- NT3 triturus
- NT2 toads
- NT1 birds
- NT2 fowl
- NT3 chickens
- NT3 ducks
- NT3 geese
- NT2 pigeons
- NT1 fishes
- NT2 anadromous fishes
- NT3 salmon

- NT3 striped bass

- NT2 codfish
- NT2 eel
- NT2 fathead minnow
- NT2 goldfish
- NT2 plaice
- NT2 trout
- NT2 tuna
- NT1 mammals
- NT2 bats
- NT2 bears
- NT2 burros
- NT2 cats
- NT2 cetaceans
- NT2 coyotes
- NT2 dogs
- NT3 beagles
- NT2 foxes
- NT2 horses
- NT2 marsupials
- NT2 otters
- NT2 pinnipeds
- NT2 primates
- NT3 apes
- NT3 man
- NT4 children
- NT5 infants
- NT4 elderly people
- NT4 men
- NT4 women
- NT3 monkeys
- NT4 baboons
- NT4 macacus
- NT2 rabbits
- NT2 rodents
- NT3 gerbils
- NT3 guinea pigs
- NT3 hamsters
- NT3 mice
- NT4 transgenic mice
- NT3 prairie dogs
- NT3 rats
- NT3 squirrels
- NT3 voles
- NT2 ruminants
- NT3 buffalo
- NT3 camels
- NT3 cattle
- NT4 calves
- NT4 cows
- NT3 deer
- NT3 goats
- NT3 llamas
- NT3 sheep
- NT2 shrews
- NT2 swine
- NT3 miniature swine
- NT2 wolves
- NT1 reptiles
- NT2 alligators
- NT2 lizards
- NT2 snakes
- NT2 turtles

VERTEX FUNCTIONS

- BT1 functions
- RT form factors
- RT quantum field theory

VERTICAL AXIS TURBINES

INIS: 1992-09-24; ETDE: 1976-02-19

- *BT1 wind turbines
- NT1 giromill turbines
- NT1 tornado turbines
- RT darrieus rotors
- RT madaras rotors
- RT savonius rotors

VERTICAL DIVESTITURE

INIS: 2000-04-19; ETDE: 1977-09-19
 Required breaking up of (energy) companies into production, refining, and marketing components.

RT competition
 RT petroleum industry
 RT regulations

VERTICAL INTEGRATION

INIS: 1999-09-13; ETDE: 1978-04-27

RT competition
 RT petroleum industry

very high frequency

USE mhz range

very high frequency radiation

USE mhz range
 USE radiowave radiation

very high pressure

(Prior to November 2003 this was a valid descriptor.)

SEE pressure range giga pa
 SEE pressure range mega pa 100-1000

very high temperature

1992-01-23
 (Prior to February 1992, this was a valid ETDE descriptor.)
 USE temperature range 1000-4000 k

very low pressure

SEE pressure range milli pa
 SEE pressure range pa

very low temperature

1992-01-23
 (Prior to February 1992, this was a valid ETDE descriptor.)
 USE temperature range 0013-0065 k

vessels

USE containers

vessels (chemical reactions)

INIS: 1985-12-10; ETDE: 1976-05-17
 USE chemical reactors

vessels (pressure)

USE pressure vessels

vessels (reactor)

USE reactor vessels

VESTIBULAR APPARATUS

UF labyrinth
 *BT1 sense organs
 RT auditory organs

VESUVIANITE

INIS: 2000-04-12; ETDE: 1981-04-17
 *BT1 uranium minerals

vetch

USE vicia

veterans administration hospital triga reactor

1993-11-10
 USE triga-veterans reactor

VETERINARY MEDICINE

BT1 medicine
 RT animals

VG-400 REACTOR

INIS: 1989-04-20; ETDE: 1989-05-11
 *BT1 enriched uranium reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 pebble bed reactors

*BT1 power reactors
 *BT1 thermal reactors

vgl devices

1996-07-15
 (Until June 1996 this was a valid descriptor.)
 USE magnetic mirrors

VGR-50 REACTOR

INIS: 1989-04-20; ETDE: 1989-05-11
 *BT1 enriched uranium reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 pebble bed reactors
 *BT1 power reactors
 *BT1 thermal reactors

vhf

USE mhz range

vhf radiation

USE mhz range
 USE radiowave radiation

VHTR REACTOR

INIS: 1978-01-16; ETDE: 1978-03-03
 Shutdown since 1999. Decommissioned in 2010.
 UF experimental very high temperature gas cooled reactor
 UF multipurpose vhtr reactor
 *BT1 enriched uranium reactors
 *BT1 experimental reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

VIABILITY

ETDE: 1975-09-11
 RT biological regeneration
 RT growth
 RT life cycle
 RT reproduction

VIBRATING SAMPLE MAGNETOMETERS

*BT1 magnetometers

vibration modes

USE oscillation modes

vibrational band

USE vibrational states

VIBRATIONAL STATES

UF collective states (vibrational)
 UF vibrational band
 *BT1 excited states
 RT infrared spectra
 RT lattice vibrations
 RT rotation-vibration model
 RT rydberg-klein-rees method

vibrations (lattice)

USE lattice vibrations

vibrations (mechanical)

USE mechanical vibrations

VIBRON MODEL

INIS: 1992-08-06; ETDE: 1992-09-10
 *BT1 nuclear models
 RT cluster model

VICIA

UF vetch
 *BT1 leguminosae

VICKERS HARDNESS

RT hardness

vicksi

INIS: 2000-04-12; ETDE: 1975-11-11
 (Prior to July 1985, this was a valid ETDE descriptor.)
 USE vicksi accelerator

VICKSI ACCELERATOR

INIS: 1976-02-11; ETDE: 1976-03-25
 Van de Graaff Isochronous Cyclotron Kombination fuer Schwere Ionen at Hahn-Meitner-Institut, Berlin.
 UF hahn-meitner vicksi accelerator
 UF vicksi
 *BT1 heavy ion accelerators
 RT isochronous cyclotrons
 RT van de graaff accelerators

VICTIMS COMPENSATION

INIS: 1976-12-08; ETDE: 1978-03-08
 For victims not covered by workmens compensation.
 RT accident management
 RT accidents
 RT exceptional natural disaster
 RT financial security
 RT insurance
 RT liabilities
 RT workmens compensation

VICTORIA

*BT1 australia

VIDAL-1 REACTOR

INIS: 1976-02-11; ETDE: 1975-10-01
 Southern California Edison Co., Vidal, California, USA. Canceled in 1974 before construction began.
 *BT1 enriched uranium reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

VIDAL-2 REACTOR

INIS: 1976-02-11; ETDE: 1975-10-01
 Southern California Edison Co., Vidal, California, USA. Canceled in 1974 before construction began.
 *BT1 enriched uranium reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 power reactors
 *BT1 thermal reactors

VIDEO FILES

2012-05-23
 BT1 document types

VIDEO TAPES

INIS: 1985-03-19; ETDE: 1981-06-13
 *BT1 magnetic tapes
 RT digitizers
 RT image processing
 RT images
 RT remote viewing equipment
 RT television

VIDICONS

*BT1 camera tubes
 RT television cameras

vienna convention on civil liability

1993-11-10
 USE vcoclnd

vienna triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-05-24
 USE triga-2-vienna reactor

VIET NAM

INIS: 1977-10-17; ETDE: 1978-03-08
 BT1 asia

BT1 developing countries
RT centrally planned economies

VIETNAMESE ORGANIZATIONS

1993-08-06

BT1 national organizations

vietnamese triga-mk-2 reactor

INIS: 1984-06-21; ETDE: 2002-05-24

USE triga-2-dalat reactor

vietnamese triga-mk-ii reactor

2000-04-12

USE triga-2-dalat reactor

VIGNA

INIS: 1992-05-05; ETDE: 1993-01-20

UF cowpea plants

UF mungbean plants

*BT1 leguminosae

RT mungbeans

vikalloy 1

1997-01-28

(Until October 1996 this was a valid descriptor.)

USE cobalt base alloys

USE iron alloys

USE vanadium alloys

vikalloy 2

INIS: 1996-07-16; ETDE: 1978-12-20

(Until July 1996 this was a valid descriptor.)

USE cobalt base alloys

USE iron alloys

USE vanadium alloys

VIKING SPACE PROBES

INIS: 1977-06-13; ETDE: 1976-09-28

*BT1 space vehicles

villigen cyclotron

USE sin cyclotron

VINBLASTINE

*BT1 alkaloids

*BT1 antimitotic drugs

*BT1 indoles

RT leukemia

vinca r-a reactor yugoslavia

USE r-a reactor

vinca r-b reactor yugoslavia

USE r-b reactor

vincristine sulfate

INIS: 2002-03-17; ETDE: 2000-11-24

USE oncovin

vinoflex

USE polyvinyls

VINT TORSATRON

INIS: 1977-01-26; ETDE: 1977-04-13

*BT1 torsatron stellarators

VINTOTRON DEVICES

2000-04-12

BT1 thermonuclear devices

VINYL ACETATE

2005-02-22

*BT1 acetic acid esters

RT vinyl monomers

VINYL CHLORIDE

INIS: 1992-03-17; ETDE: 1984-05-08

UF monochloroethylene

*BT1 chlorinated aliphatic hydrocarbons

vinyl cyanide

USE acrylonitrile

VINYL MONOMERS

BT1 monomers

RT acrolein

RT acrylamide

RT acrylates

RT acrylic acid

RT acrylic acid esters

RT acrylonitrile

RT methacrylates

RT methacrylic acid

RT methacrylic acid esters

RT styrene

RT vinyl acetate

VINYL RADICALS

*BT1 alkyl radicals

vinylbenzene

USE styrene

VINYLDENE RADICALS

BT1 radicals

violanthrone

1996-07-15

(Until June 1996 this was a valid descriptor.)

USE ketones

VIOLATIONS

INIS: 1993-06-04; ETDE: 1979-11-23

Failure to comply with laws or regulations;
not for violations of invariance principles.

UF notice of probable violation

NT1 security violations

RT administrative procedures

RT compliance

RT enforcement

RT laws

RT regulations

VIPER REACTOR

UK Ministry of Defence, Berkshire, United Kingdom. Permanent shutdown since 2010.

UF versatile intermediate pulsed
experimental reactor

*BT1 enriched uranium reactors

*BT1 fast reactors

*BT1 organic moderated reactors

*BT1 pulsed reactors

*BT1 research reactors

*BT1 test reactors

VIRAL DISEASES

INIS: 1982-12-08; ETDE: 1981-01-12

UF rinderpest

*BT1 infectious diseases

NT1 aids

NT1 herpes simplex

NT1 herpes zoster

NT1 infectious hepatitis

NT1 influenza

NT1 measles

NT1 newcastle disease

NT1 poliomyelitis

NT1 rabies

RT cell transformations

RT encephalitis

RT host

RT viruses

RT zika virus

virgil c summer-1 reactor

USE summer-1 reactor

VIRGIN ISLANDS

INIS: 1992-06-04; ETDE: 1979-07-24

*BT1 lesser antilles

*BT1 usa

VIRGINIA

*BT1 usa

RT chesapeake bay

RT james river
RT potomac river
RT potomac river basin
RT us east coast

virginia polytechnic institute training reactor

1993-11-10

USE vpi-utr-10 reactor

virginia university reactor

INIS: 1984-06-21; ETDE: 2002-05-24

USE uvar reactor

VIRIAL EQUATION

1999-07-07

In thermodynamics only.

BT1 equations

RT equations of state

RT gases

RT thermodynamics

RT van der waals forces

VIRIAL THEOREM

In mechanics only.

RT kinetic energy

RT mechanics

RT particles

RT statistics

VIRTUAL HEIGHT

2000-04-12

Apparent height of an ionized atmospheric layer determined from time interval between the transmitted signal and the ionospheric echo at vertical incident.

*BT1 height

RT ionosphere

RT scale height

virtual mass effect

INIS: 1976-03-17; ETDE: 1976-08-24

USE hydrodynamic mass effect

VIRTUAL PARTICLES

BT1 elementary particles

RT deep inelastic scattering

VIRTUAL STATES

BT1 energy levels

VIRULENCE

RT infectious diseases

RT microorganisms

VIRUSES

BT1 microorganisms

BT1 parasites

NT1 aids virus

NT1 bacteriophages

NT1 influenza viruses

NT1 measles virus

NT1 oncogenic viruses

NT2 adenovirus

NT2 leukemia viruses

NT2 polyoma virus

NT1 polio virus

NT1 simian virus

NT1 tobacco mosaic virus

NT1 vaccinia virus

NT1 zika virus

RT herpes simplex

RT herpes zoster

RT inoculation

RT interferon

RT mutagens

RT newcastle disease

RT particles

RT plaque formation

RT rabies

RT vaccines

RT viral diseases

VISCOSE

- *BT1 polysaccharides
- *BT1 xanthates

VISCOSIMETERS

- BT1 measuring instruments

VISCOSITY

- UF heavy oils
- RT fluid flow
- RT grashof number
- RT hartmann number
- RT internal friction
- RT nusselt number
- RT rheology
- RT superfluidity
- RT thixotropy
- RT viscous flow

VISCOUS FLOW

- BT1 fluid flow
- NT1 couette flow
- RT laminar flow
- RT navier-stokes equations
- RT prandtl number
- RT reynolds number
- RT stokes law
- RT turbulent flow
- RT viscosity

VISIBILITY

- INIS: 1986-05-23; ETDE: 1978-02-14
- RT fog
- RT luminosity
- RT opacity
- RT optical properties
- RT pattern recognition
- RT smog
- RT smokes
- RT visible radiation

VISIBLE RADIATION

- UF light
- UF photomagnetic effect
- *BT1 electromagnetic radiation
- RT fresnel coefficient
- RT kerr effect
- RT laser radiation
- RT light scattering
- RT light sources
- RT lighting requirements
- RT lighting systems
- RT monochromatic radiation
- RT opacity
- RT optoelectronic devices
- RT photon beams
- RT photoperiod
- RT photoreactivation
- RT raman effect
- RT reflectivity
- RT schlieren method
- RT visibility
- RT visible spectra
- RT voigt effect

VISIBLE SPECTRA

- INIS: 1976-07-30; ETDE: 1976-11-01
- BT1 spectra
- RT visible radiation

VISION

- RT eyes

visitor centers

- INIS: 2000-04-12; ETDE: 1981-01-09
- USE public buildings

visual purple

- INIS: 1986-03-04; ETDE: 2002-05-24
- USE rhodopsin

visualization (data)

- 2015-03-20
- USE data visualization

visualization (flow)

- 2015-03-20
- USE flow visualization

VITALLIUM

- 2000-04-12
- *BT1 chromium alloys
- *BT1 cobalt alloys
- *BT1 molybdenum alloys

VITAMIN A

- UF axerophthol
- UF retinol
- BT1 vitamins
- RT carotenoids
- RT retinoic acid

vitamin b-1

- USE thiamine

VITAMIN B-12

- UF cyanocobalamin
- *BT1 hematinics
- *BT1 vitamin b group
- RT anemias
- RT intrinsic factor

vitamin b-2

- USE riboflavin

vitamin b-5

- USE pantothenic acid

vitamin b-6

- USE pyridoxine

VITAMIN B GROUP

- BT1 vitamins
- NT1 biotin
- NT1 carnitine
- NT1 folic acid
- NT1 nicotinamide
- NT1 nicotinic acid
- NT1 pantothenic acid
- NT1 pyridoxine
- NT1 riboflavin
- NT1 thiamine
- NT1 vitamin b-12
- RT adenines
- RT citrovorum factor
- RT coenzymes
- RT lipotropic factors
- RT paba
- RT pyridoxal

vitamin b-t

- USE carnitine

vitamin c

- USE ascorbic acid

VITAMIN D

- BT1 vitamins
- NT1 cholecalciferol
- NT1 ergocalciferol
- RT rickets

vitamin d-2

- USE ergocalciferol

vitamin d-3

- USE cholecalciferol

VITAMIN E

- UF tocopherols
- BT1 vitamins

vitamin h

- USE biotin

vitamin h-1

- USE paba

VITAMIN K

- *BT1 quinones
- BT1 vitamins
- RT anticoagulants
- RT blood coagulation factors
- RT ubiquinone

vitamin p

- USE bioflavonoids

vitamin pp

- USE nicotinamide

VITAMINS

- NT1 ascorbic acid
- NT1 bioflavonoids
- NT1 vitamin a
- NT1 vitamin b group
- NT2 biotin
- NT2 carnitine
- NT2 folic acid
- NT2 nicotinamide
- NT2 nicotinic acid
- NT2 pantothenic acid
- NT2 pyridoxine
- NT2 riboflavin
- NT2 thiamine
- NT2 vitamin b-12
- NT1 vitamin d
- NT2 cholecalciferol
- NT2 ergocalciferol
- NT1 vitamin e
- NT1 vitamin k
- RT biochemistry
- RT carotenoids
- RT diet
- RT drugs
- RT food
- RT food additives
- RT metabolism

VITON

- *BT1 rubbers

VITRIFICATION

- SF immobilization (wastes)
- RT ceramic melters
- RT glass
- RT harvest process
- RT metallic glasses
- RT pamela plant
- RT radioactive waste processing
- RT solidification
- RT waste processing

VITRINITE

- INIS: 2000-04-12; ETDE: 1979-09-27
- BT1 macerals

VIVITRON TANDEM ACCELERATOR

- INIS: 1990-12-15; ETDE: 1991-08-20
- Nuclear Research Center, Strasbourg, France.
- *BT1 tandem electrostatic accelerators
- *BT1 van de graaff accelerators

VK-50 REACTOR

- Dimitrovgrad, Russian Federation.
- UF ulyanovsk reactor vk-50
- *BT1 bwr type reactors

vlasov equation

- USE boltzmann-vlasov equation

vlasov instability

- ETDE: 2002-05-24
- USE boltzmann-vlasov equation

glasov-maxwell equations

INIS: 2000-04-12; ETDE: 1995-09-22
USE boltzmann-glasov equation

vlb systems

INIS: 1984-04-04; ETDE: 2002-05-24
USE interferometers

vlcc

INIS: 2000-04-12; ETDE: 1976-08-04
USE tanker ships

VLTAVA RIVER

2017-05-17
*BT1 rivers
RT czech republic

VMI MODEL

UF variable moment of inertia model
*BT1 nuclear models
RT backbending
RT moment of inertia

vnt alloys

INIS: 1996-11-13; ETDE: 1978-12-20
(Prior to March 1997 STEEL VNT was used for this concept in ETDE.)
USE manganese steels

voc

INIS: 2000-04-12; ETDE: 1992-09-15
USE organic compounds
USE volatile matter

vocabulary (controlled)

USE standardized terminology

vocational training

INIS: 2000-04-12; ETDE: 1980-09-22
USE training

VOGTLE-1 REACTOR

Southern Nuclear Operating Co., Inc.,
Waynesboro, Georgia, USA.
*BT1 pwr type reactors

VOGTLE-2 REACTOR

Southern Nuclear Operating Co., Inc.,
Waynesboro, Georgia, USA.
*BT1 pwr type reactors

VOGTLE-3 REACTOR

Georgia Power Co., Waynesboro, Georgia,
USA. Canceled in 1974 before construction began.
*BT1 pwr type reactors

VOGTLE-4 REACTOR

Georgia Power Co., Waynesboro, Georgia,
USA. Canceled in 1974 before construction began.
*BT1 pwr type reactors

VOID COEFFICIENT

BT1 reactivity coefficients

VOID FRACTION

RT liquids
RT vapors

VOIDS

RT boiling detection
RT bubbles
RT cavities
RT defects

VOIGT EFFECT

UF cotton-mouton effect
BT1 magneto-optical effects
RT plasma
RT polarization
RT visible radiation

VOLATILE MATTER

INIS: 1986-05-26; ETDE: 1976-09-14
Materials capable of being readily evaporated.
UF voc
BT1 matter
RT coal
RT devolatilization
RT pyrolysis products
RT pyrolytic gases
RT pyrolytic oils
RT volatility

VOLATILITY

RT chloride volatility process
RT devolatilization
RT distillation
RT fluoride volatility process
RT volatile matter

volatilization

USE evaporation

VOLCANIC GASES

INIS: 1993-03-23; ETDE: 1978-08-08
Volatile matter released during a volcanic eruption that was previously dissolved in the magma.
*BT1 gases
RT fumarolic fluids
RT volcanism
RT volcanoes

VOLCANIC REGIONS

1997-06-17
RT hachimantai
RT volcanoes

VOLCANIC ROCKS

1976-03-17
*BT1 igneous rocks
NT1 andesites
NT1 basalt
NT2 diabases
NT1 lamprophyres
NT2 kimberlites
NT1 nepheline basalts
NT1 perlite
NT1 rhyolites
NT1 trachytes
NT1 tuff

VOLCANISM

INIS: 1992-04-13; ETDE: 1975-11-11
The process by which magma and its associated gases rise into the earth's crust and are extruded onto the earth's surface and into the atmosphere.
RT eruption
RT lava
RT magma
RT magmatism
RT volcanic gases
RT volcanoes

VOLCANOES

1996-04-29
NT1 kilauea volcano
RT calderas
RT earth crust
RT eruption
RT fumaroles
RT geology
RT geothermal energy
RT hot spots
RT lava
RT magma
RT mt st helens
RT volcanic gases
RT volcanic regions
RT volcanism

VOLES

*BT1 rodents

VOLGA RIVER

*BT1 rivers
RT russian federation

VOLOXIDATION PROCESS

Separation process designed to remove volatile fission products from spent LMFBR fuels.
BT1 head end processes

volt-ampere characteristic

USE electric conductivity

volt-ampere reactive control systems

INIS: 2000-04-12; ETDE: 1983-03-23
USE var control systems

voltage

USE electric potential

VOLTAGE DROP

INIS: 1999-07-01; ETDE: 1976-01-07
NT1 electrical transients
RT electric potential
RT resistors

VOLTAGE REGULATORS

UF regulators (voltage)
RT electric controllers
RT surges

voltaic cells

USE electric batteries

VOLTAMETRY

UF coulometry
RT currents
RT electrolysis
RT electrolytic cells
RT potentiostats
RT quantitative chemical analysis

volterra equations

USE volterra integral equations

VOLTERRA INTEGRAL EQUATIONS

UF volterra equations
*BT1 integral equations

VOLTMETERS

*BT1 electric measuring instruments

VOLUME

RT dilatancy
RT dimensions
RT size

VOLUMETRIC ANALYSIS

1995-11-22
*BT1 quantitative chemical analysis
NT1 titration
NT2 amperometry
NT2 iodometry
NT2 potentiometry
NT2 thermometric titration

VOMITING

BT1 symptoms
RT digestive system diseases
RT stomach

VORONEZH AST-500 REACTOR

INIS: 1990-01-29; ETDE: 1990-02-13
Voronezh, Russian Federation.
*BT1 thermal reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

VORTEX AUGMENTED TURBINES

INIS: 2000-04-12; ETDE: 1977-06-02
Horizontal axis turbines located at trailing ends of aerodynamic wing to utilize vortex air flow from wing tips.
 *BT1 wind turbines
 RT horizontal axis turbines

VORTEX FLOW

(Prior to October 1981 this concept was indexed to SWIRL FLOW in ETDE.)
 UF swirl flow
 BT1 fluid flow
 RT superfluidity

VORTEX THEORY

2014-07-04
NOT for fluid dynamics.
 RT abrikosov theory
 RT cosmological models
 RT galactic evolution
 RT high energy physics
 RT quantum field theory
 RT rotons
 RT solid state physics
 RT solitons
 RT string theory

VORTICES

RT turbulence

vortices (magnetic)

USE magnetic flux

VOYAGER SPACE PROBES

INIS: 1978-04-21; ETDE: 1978-07-06
 *BT1 space vehicles

vpi and su training reactor

INIS: 1985-04-22; ETDE: 2002-05-24
 USE vpi-utr-10 reactor

VPI-UTR-10 REACTOR

1985-04-22
Virginia Polytechnic Inst. and State Univ., Blacksburg, Virginia, USA. Shut down in 1985.
 UF virginia polytechnic institute training reactor
 UF vpi and su training reactor
 *BT1 argonaut type reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 training reactors

VR-1 REACTOR

INIS: 1986-08-19; ETDE: 1986-09-05
Faculty of Nuclear Science and Technical Engineering, Czech Technical Univ., Prague, Czech Republic.
 *BT1 enriched uranium reactors
 *BT1 pool type reactors
 *BT1 thermal reactors
 *BT1 training reactors

VRAIN REACTOR

Public Service Co. of Colorado, Platteville, Colorado, USA. Shut down in 1989; decommissioned in 1996.
 UF fort st. vrain reactor
 *BT1 enriched uranium reactors
 *BT1 helium cooled reactors
 *BT1 htgr type reactors
 *BT1 power reactors

VUILLEUMIER CYCLE

INIS: 2000-04-12; ETDE: 1978-01-23
 BT1 thermodynamic cycles
 RT solar air conditioners

VUJE

2002-12-17
 UF nuclear power plant research institute
 UF vyskumny ustav jadrovych elektrarni
 *BT1 slovak organizations

vulcain experiment nuclear study

2000-04-12
 USE venus reactor

VULCAN FACILITY

INIS: 1999-07-26; ETDE: 1999-09-03
Neodymium laser facility at Rutherford Appleton Laboratories, UK.
 RT laser fusion reactors
 RT neodymium lasers

VULCANIZATION

RT curing
 RT rubbers
 RT vulcanized elastomers

VULCANIZED ELASTOMERS

1999-06-30
 NT1 ebonite
 RT elastomers
 RT vulcanization

VULNERABILITY

INIS: 1992-04-06; ETDE: 1978-07-05
 (From May 1987 till March 1997
 TERRORISM was a valid ETDE descriptor.)
 SF terrorism
 RT cyber attacks
 RT sabotage
 RT safeguards
 RT theft
 RT warfare

vulpes

INIS: 1993-02-18; ETDE: 1985-03-12
 USE foxes

VYCOR

RT glass

vyskumny ustav jadrovych elektrarni

2002-12-17
 USE vuje

w. b. mc guire-1 reactor

USE mc guire-1 reactor

w. b. mc guire-2 reactor

USE mc guire-2 reactor

w boson

ETDE: 2002-05-24
 USE intermediate bosons

W CODES

BT1 computer codes

W-L SULFUR DIOXIDE RECOVERY PROCESS

2000-04-12
Process for desulfurization of waste gas stream developed by Wellman-Power Gas, Inc.
 UF wellman-lord process
 *BT1 desulfurization
 RT waste processing

W MINUS BOSONS

INIS: 1986-03-04; ETDE: 1985-10-11
 (Prior to October 1985 this concept was indexed to INTERMEDIATE VECTOR BOSONS in ETDE.)
 *BT1 intermediate vector bosons
 RT winos

W PLUS BOSONS

INIS: 1986-03-04; ETDE: 1985-10-11
 (Prior to October 1985 this concept was indexed to INTERMEDIATE VECTOR BOSONS in ETDE.)
 *BT1 intermediate vector bosons
 RT winos

w stellarators

2000-04-12
 (Prior to January 1995, this was a valid ETDE descriptor.)
 SEE wendelstein-2b stellarator
 SEE wendelstein-7 stellarator

WABASCA DEPOSIT

1992-06-04
 *BT1 oil sand deposits
 RT alberta
 RT canada
 RT oil sands

WACKERSDORF REPROCESSING PLANT

INIS: 1995-09-18; ETDE: 1988-05-23
Wiederaufarbeitungsanlage Wackersdorf, Federal Republic of Germany.
 UF waw
 UF wiederaufarbeitungsanlage wackersdorf
 *BT1 fuel reprocessing plants
 RT reprocessing
 RT spent fuel elements
 RT spent fuels

WADDEN SEA

1999-01-12
 *BT1 north sea
 RT netherlands

wageningen barn reactor

USE barn reactor

WAGES

INIS: 1992-10-05; ETDE: 1980-08-12
 UF salary
 RT personnel
 RT work

wagon wheel event

1994-10-14
A test made under PROJECT PLOWSHARE. (Prior to September 1994, this was a valid ETDE descriptor.)
 USE contained explosions
 USE nuclear explosions

WAGR REACTOR

Permanently shutdown since 1990.
 UF agr reactor (windscale)
 UF windscale advanced gas-cooled reactor
 *BT1 agr type reactors
 *BT1 carbon dioxide cooled reactors
 *BT1 power reactors
 *BT1 thermal reactors

WAIOTAPU GEOTHERMAL FIELD

2000-04-12
 BT1 geothermal fields
 RT new zealand

WAIRAKEI GEOTHERMAL FIELD

1993-02-08
 BT1 geothermal fields
 RT geothermal hot-water systems
 RT new zealand

WAIRAKITE

2000-04-12
The calcium analog of analcime.
 *BT1 zeolites

WAK

Wiederaufarbeitungsanlage Karlsruhe.
 UF karlsruhe reprocessing plant
 UF wiederaufarbeitungsanlage karlsruhe
 *BT1 fuel reprocessing plants
 *BT1 german fr organizations
 RT reprocessing
 RT spent fuel elements
 RT spent fuels

WAKEFIELD ACCELERATORS

INIS: 1987-04-28; ETDE: 1986-07-25
Accelerators in which particles gain energy from electromagnetic waves (the "wake") generated by a relativistic beam .
 *BT1 linear accelerators
 RT acceleration
 RT plasma waves

WALECKA MODEL

INIS: 1984-10-23; ETDE: 1984-11-08
A mean-field theory of nuclear matter with scalar and vector fields as carriers of nuclear forces.
 *BT1 nuclear models
 RT nuclear matter

walker carcinoma

USE experimental neoplasms

wall effect

INIS: 1982-12-01; ETDE: 2002-05-24
 (Prior to January 1983 this was a valid descriptor for the contribution to ionization in an ionization chamber by electrons liberated from the chamber walls.)
 USE wall effects

WALL EFFECTS

1995-07-03
 UF plasma-wall interactions
 UF wall effect
 RT end effects
 RT ionization
 RT ionization chambers
 RT microdosimetry
 RT particle influx
 RT plasma
 RT plasma impurities
 RT proportional counters
 RT wall-less counters

WALL-LESS COUNTERS

*BT1 radiation detectors
 RT ionization chambers
 RT proportional counters
 RT wall effects

WALL LOADING

INIS: 1975-08-20; ETDE: 1975-10-01
Surface power density at thermonuclear reactor walls.
 BT1 power density
 RT first wall

WALLS

INIS: 1992-05-26; ETDE: 1975-11-11
 UF building envelope
 NT1 bead walls
 NT1 drum walls
 NT1 trombe walls
 NT1 water walls
 RT buildings
 RT panels

walls (cell)

INIS: 1992-05-26; ETDE: 2002-05-24
 USE cell wall

walls (thermonuclear reactor)

INIS: 1992-05-26; ETDE: 2002-05-24
 USE thermonuclear reactor walls

walter reed research reactor l-54

1993-11-10
 USE wrtr reactor

WALTHER PROCESS

INIS: 2000-04-12; ETDE: 1982-08-11
Desulfurization process in which ammonia is used to produce pelletized ammonium sulfate as a dry end product for direct use as a fertilizer.
 *BT1 desulfurization

WANKEL ENGINES

2000-04-12
 *BT1 rotary engines
 *BT1 spark ignition engines

WANO

INIS: 1990-05-17; ETDE: 1990-06-01
World Association of Nuclear Operators.
 UF world association of nuclear operators
 BT1 international organizations
 RT nuclear operators

wapa

INIS: 2000-04-12; ETDE: 1980-03-29
 USE western area power administration

WARD IDENTITY

RT gauge invariance
 RT quantum electrodynamics

WARFARE

1997-06-17
 NT1 biological warfare
 NT1 chemical warfare
 NT1 conventional warfare
 NT1 radiological warfare
 RT military strategy
 RT national defense
 RT vulnerability

WARM DENSE MATTER

2018-11-15
Warm dense matter can refer to either equilibrium or non-equilibrium states of matter in a regime of temperature and density between condensed matter and hot plasma.
 *BT1 astrophysics
 BT1 matter
 BT1 plasma
 BT1 supercritical state

WARM SPRINGS

INIS: 2000-01-26; ETDE: 1980-06-06
Springs whose temperature is appreciably above the local mean annual temperature but below that of the human body.
 SF geothermal springs
 *BT1 thermal springs
 RT hydrothermal systems

warning systems

INIS: 1984-04-04; ETDE: 2002-05-24
 USE alarm systems

WARRANTIES

INIS: 2000-04-19; ETDE: 1979-07-24
 RT consumer protection
 RT equipment
 RT legal aspects

WARSAW CYCLOTRON

INIS: 1982-07-22; ETDE: 1982-08-11
 *BT1 heavy ion accelerators
 *BT1 isochronous cyclotrons

WASATCH FORMATION

1984-04-04
 BT1 geologic formations
 RT colorado

RT natural gas
 RT natural gas deposits
 RT oil shales
 RT uranium deposits
 RT wyoming

WASHAKIE BASIN

2000-04-12
 *BT1 wyoming
 RT green river formation
 RT oil shale deposits

washers, clothes

INIS: 2000-04-12; ETDE: 1977-06-21
 USE clothes washers

washers (fuel)

USE fuel washers

WASHING

1992-03-11
 UF laundries
 BT1 cleaning
 RT clothes washers
 RT coal preparation
 RT dishwashers
 RT heavy media separation
 RT safety showers
 RT scrubbing

WASHINGTON

1999-03-03
 *BT1 usa
 NT1 richland
 RT cascade mountains
 RT columbia river
 RT columbia river basin
 RT hanford engineering development laboratory
 RT hanford reservation
 RT lewis river
 RT mt baker
 RT mt st helens
 RT pasco basin
 RT puget sound
 RT sequim bay
 RT skagit river
 RT us west coast

WASHINGTON DC

UF district of columbia
 *BT1 usa
 RT potomac river basin

washington public power supply system-1 reactor

INIS: 2000-04-12; ETDE: 1997-03-28
 USE wnp-1 reactor

washington public power supply system-2 reactor

INIS: 2000-04-12; ETDE: 1997-03-28
 USE wnp-2 reactor

washington public power supply system-3 reactor

INIS: 2000-04-12; ETDE: 1997-03-28
 USE wnp-3 reactor

washington public power supply system-4 reactor

INIS: 2000-04-12; ETDE: 1997-03-28
 USE wnp-4 reactor

washington public power supply system-5 reactor

INIS: 2000-04-12; ETDE: 1997-03-28
 USE wnp-5 reactor

washington state university reactor

1993-11-10

USE wsur reactor

washington university (seattle) reactor

INIS: 1993-11-10; ETDE: 2002-05-24

USE uwtr reactor

WASHOUT

UF rainout
UF scavenging (atmospheric)
UF wet deposition
BT1 fallout
RT air pollution
RT atmospheric precipitations
RT decontamination
RT droplets
RT precipitation scavenging
RT radioactive clouds
RT rain
RT sprays
RT water

WASPALOY

1993-10-03

*BT1 alloy-ni58cr20co14mo4ti3

WASPS

1996-11-13

(Prior to March 1997 HABROBRACON was a valid ETDE descriptor.)

UF habrobracon
*BT1 hymenoptera

waste burial

SEE ground disposal
SEE underground disposal

waste chemicals

INIS: 1986-07-09; ETDE: 1982-03-29

USE chemical wastes

WASTE DISPOSAL

For final disposal of wastes, with no intention of retrieval.

UF discharges (wastes)
UF disposal (wastes)
UF sewage disposal
UF ultimate storage
*BT1 waste management
NT1 ground disposal
NT1 ground release
NT1 marine disposal
NT1 nonradioactive waste disposal
NT1 radioactive waste disposal
NT1 sanitary landfills
NT1 stack disposal
NT1 underground disposal
RT aerosol wastes
RT gaseous wastes
RT global aspects
RT hydraulic fracturing
RT liquid wastes
RT reinjection
RT salt vault project
RT solid wastes
RT spent liquors
RT us superfund
RT waste disposal acts
RT waste processing
RT waste storage
RT wastes

WASTE DISPOSAL ACTS

INIS: 1992-05-18; ETDE: 1978-04-27

For legislation of any country relating to the handling of nonradioactive wastes. For radioactive wastes, use NUCLEAR WASTE POLICY ACTS.

BT1 laws

NT1 nuclear waste policy acts
RT liquid wastes
RT nonradioactive waste disposal
RT resource recovery acts
RT solid wastes
RT us superfund
RT waste disposal

WASTE FORMS

INIS: 1985-11-18; ETDE: 1984-02-10
Physical and chemical forms of wastes (e.g. liquid, in concrete, in glass) without packaging.

UF wasteforms
*BT1 radioactive wastes
RT gaseous wastes
RT liquid wastes
RT radioactive waste disposal
RT radioactive waste processing
RT solid wastes
RT waste management

waste-fueled boilers

INIS: 1992-05-18; ETDE: 1979-05-09

USE refuse-fueled boilers

waste-fueled power plants

INIS: 2000-04-12; ETDE: 1979-03-27

USE refuse-fueled power plants

WASTE HEAT

*BT1 heat
BT1 wastes
RT cogeneration
RT district heating
RT energy sources
RT heat islands
RT heat sinks
RT plumes
RT thermal effluents
RT thermal pollution
RT waste heat utilization

WASTE HEAT BOILERS

INIS: 1992-04-09; ETDE: 1978-12-20

BT1 boilers
RT cogeneration
RT heat recovery equipment
RT waste heat utilization

WASTE HEAT UTILIZATION

INIS: 1986-05-26; ETDE: 1977-06-21
(From January 1979 till February 1997 ENERGY CASCADE was a valid ETDE descriptor.)

UF energy cascade
UF energy cascading
BT1 waste product utilization
RT aquaculture
RT cogeneration
RT heat recovery
RT waste heat
RT waste heat boilers

WASTE INCINERATORS

2004-02-11

BT1 incinerators
*BT1 waste processing plants

waste isolation pilot plant

INIS: 1985-04-22; ETDE: 1984-10-10

USE wipp

WASTE MANAGEMENT

UF handling (wastes)
BT1 management
NT1 nonradioactive waste management
NT2 nonradioactive waste disposal
NT1 radioactive waste management
NT2 radioactive waste disposal
NT2 radioactive waste processing
NT3 harvest process

NT2 radioactive waste storage
NT3 monitored retrievable storage
NT1 waste disposal
NT2 ground disposal
NT2 ground release
NT2 marine disposal
NT2 nonradioactive waste disposal
NT2 radioactive waste disposal
NT2 sanitary landfills
NT2 stack disposal
NT2 underground disposal

NT1 waste processing
NT2 activated sludge process
NT2 composting
NT2 fluidized bed refuse gasification
NT2 landgard pyrolysis system
NT2 lime-soda sinter process
NT2 materials recovery
NT2 molten salt waste gasification process
NT2 occidental flash pyrolysis process
NT2 purox pyrolysis process
NT2 radioactive waste processing
NT3 harvest process
NT2 slagging pyrolysis process
NT2 steam stripping
NT2 syngas process
NT2 unisulf process
NT2 wet oxidation processes
NT1 waste retrieval
NT1 waste storage
NT2 radioactive waste storage
NT3 monitored retrievable storage
NT1 waste transportation
RT hazardous materials
RT waste forms
RT waste oils
RT waste product utilization

WASTE OIL REFINERIES

INIS: 1992-08-12; ETDE: 1981-07-18

*BT1 waste processing plants
RT lubricating oils
RT petroleum refineries
RT recycling
RT waste oils
RT waste product utilization

WASTE OILS

INIS: 1992-03-17; ETDE: 1976-10-13

*BT1 oils
RT lubricating oils
RT recycling
RT waste management
RT waste oil refineries

WASTE PELLETS

INIS: 1981-03-10; ETDE: 1981-04-17

BT1 pellets
*BT1 solid wastes
RT pelletizing
RT radioactive wastes

WASTE PROCESSING

1996-04-18

UF bailie process
UF bamag process
UF black clawson system
UF caloricon process
UF citrex process
UF cyam process
UF flame chamber process
UF hichlor process
UF processing (wastes)
UF pyrotek process
UF sewage treatment
UF waste treatment
SF destrugas process
BT1 processing
*BT1 waste management

NT1 activated sludge process
NT1 composting
NT1 fluidized bed refuse gasification
NT1 landgard pyrolysis system
NT1 lime-soda sinter process
NT1 materials recovery
NT1 molten salt waste gasification process
NT1 occidental flash pyrolysis process
NT1 purox pyrolysis process
NT1 radioactive waste processing
NT2 harvest process
NT1 slagging pyrolysis process
NT1 steam stripping
NT1 syngas process
NT1 unisulf process
NT1 wet oxidation processes
RT aerobic digestion
RT alkalized alumina process
RT ammonia-ammonium bisulfate process
RT anaerobic digestion
RT bergbauforschung process
RT bischoff process
RT bitumens
RT calcination
RT cea-adl dual alkali process
RT chiyoda thoroughbred process
RT evaporation
RT flotation
RT fmc double alkali process
RT freezing out
RT lime-limestone wet scrubbing processes
RT liquid wastes
RT magnesium slurry scrubbing process
RT perox process
RT precipitation
RT process control
RT recycling
RT regeneration
RT resox process
RT saarberg-holter process
RT scrap
RT scrubbers
RT settling ponds
RT shell-uop copper oxide process
RT solidification
RT soxal process
RT thiosorbic process
RT vacuum carbonate process
RT vitrification
RT w-l sulfur dioxide recovery process
RT waste disposal
RT waste processing plants
RT wet ashing

WASTE PROCESSING PLANTS

INIS: 1992-05-28; ETDE: 1975-10-01

UF cpu-400 combustion plant
BT1 industrial plants
NT1 resource recovery facilities
NT1 waste incinerators
NT1 waste oil refineries
RT biogas process
RT landgard pyrolysis system
RT occidental flash pyrolysis process
RT purox pyrolysis process
RT waste processing

WASTE PRODUCT UTILIZATION

INIS: 1981-12-23; ETDE: 1977-08-09

Use of waste products as raw material, either directly or after processing, e.g. sewage sludge for fertilizer, or radioactive waste as a source of radiation.

NT1 waste heat utilization
RT cogeneration
RT energy recovery
RT spent liquors
RT stillage

RT waste management
RT waste oil refineries

WASTE RETRIEVAL

INIS: 1981-08-18; ETDE: 1981-09-22

(From August 1979 till March 1997 WASTE RETRIEVAL was a valid ETDE descriptor.)

SF retrieval systems
***BT1** waste management
RT materials handling
RT radioactive waste facilities
RT radioactive wastes

WASTE-ROCK INTERACTIONS

INIS: 1981-10-15; ETDE: 1981-03-17

RT backfilling
RT chemical reactions
RT radioactive waste disposal
RT rock-fluid interactions
RT rocks

waste solutions

USE liquid wastes

WASTE STORAGE

For temporary storage of wastes.

UF interim storage
UF intermediate storage
UF storage (wastes)
BT1 storage
***BT1** waste management
NT1 radioactive waste storage
NT2 monitored retrievable storage
RT underground storage
RT waste disposal

WASTE TRANSPORTATION

***BT1** waste management
RT away-from-reactor storage
RT routing
RT transport

waste treatment

USE waste processing

WASTE WATER

1982-12-03

UF oil shale waste water
***BT1** liquid wastes
***BT1** water
NT1 shale tar water
RT acid mine drainage
RT bioreactors
RT drainage
RT reinjection
RT steam stripping
RT water pollution
RT water treatment

wasteforms

INIS: 2000-04-12; ETDE: 1984-11-08

USE waste forms

WASTES

NT1 aerosol wastes
NT2 fly ash
NT1 biological wastes
NT2 feces
NT2 manures
NT2 sewage sludge
NT2 sweat
NT2 urine
NT1 electronic wastes
NT1 gaseous wastes
NT2 exhaust gases
NT2 flue gas
NT1 industrial wastes
NT2 spent liquors
NT1 liquid wastes
NT2 spent liquors
NT2 waste water
NT3 shale tar water

NT1 municipal wastes
NT1 nonradioactive wastes
NT2 chemical wastes
NT3 chemical effluents
NT1 organic wastes
NT2 agricultural wastes
NT3 bagasse
NT3 manures
NT2 compost
NT2 stillage
NT2 wood wastes
NT1 radioactive wastes
NT2 alpha-bearing wastes
NT2 calcined wastes
NT2 high-level radioactive wastes
NT2 intermediate-level radioactive wastes
NT2 low-level radioactive wastes
NT2 radioactive effluents
NT2 waste forms
NT1 sewage
NT2 sewage sludge
NT1 solid wastes
NT2 mineral wastes
NT3 culm
NT2 scrap
NT3 scrap metals
NT2 spoil banks
NT2 tailings
NT3 mill tailings
NT3 oil sand tailings
NT2 waste pellets
NT2 wood wastes
NT1 waste heat
RT by-products
RT hazardous materials
RT pollution
RT pyrolysis products
RT recycling
RT residues
RT sludges
RT storage facilities
RT us superfund
RT waste disposal

WATER

1996-06-19

UF hydrogen hydroxides
UF oxygen hydrides
UF water coolant
UF water moderator
BT1 hydrogen compounds
BT1 oxygen compounds
NT1 drinking water
NT1 feedwater
NT1 fresh water
NT1 ground water
NT2 interstitial water
NT2 magmatic water
NT1 heavy water
NT1 hot water
NT1 rain water
NT2 throughfall
NT1 seawater
NT1 tritium oxides
NT1 waste water
NT2 shale tar water
RT anhydrides
RT aqueous solutions
RT balneology
RT clouds
RT coolants
RT cooling
RT demineralizers
RT electromagnetic filters
RT environmental materials
RT glaciers
RT hydrates
RT hydrogels

RT hydronium radicals
 RT hydrophylic polymers
 RT hydrosphere
 RT ice
 RT interception
 RT liming
 RT liquid wastes
 RT moderators
 RT moisture
 RT recombiners
 RT slush
 RT steam
 RT surface waters
 RT total flow systems
 RT washout
 RT water chemistry
 RT water influx
 RT water requirements
 RT water resources
 RT water rights

WATER BRAKES

INIS: 2000-04-12; ETDE: 1979-04-11

Devices for conversion of mechanical energy into heat energy by use of rotating or reciprocating blades in contained water system and prevention of gust overspeed in fixed-pitch wind turbines.

*BT1 brakes

RT energy conversion
 RT wind turbines

WATER CHEMISTRY

1975-09-26

UF chemistry (water)
 UF cooling water chemical treatment
 BT1 chemistry
 NT1 acid neutralizing capacity
 RT chemical analysis
 RT chemical composition
 RT coolants
 RT corrosion denting
 RT demineralization
 RT dissolved gases
 RT feedwater
 RT reactor cooling systems
 RT water
 RT water cooled reactors

water content

SEE humidity
 SEE moisture

water coolant

USE water

water cooled graphite moderated reactors

1993-11-10

USE lwgr type reactors

WATER COOLED REACTORS

UF br-3-vn reactor
 UF light water cooled reactors
 UF lwgr type reactors
 BT1 reactors
 NT1 aarr reactor
 NT1 acpr reactor
 NT1 anna reactor
 NT1 aqueous homogeneous reactors
 NT2 ai-l-77 reactor
 NT2 argus reactor
 NT2 ber-2 reactor
 NT2 byu l-77 reactor
 NT2 cesnef reactor
 NT2 dr-1 reactor
 NT2 frf reactor
 NT2 gidra reactor
 NT2 hre-2 reactor
 NT2 jrr-1 reactor

NT2 kewb reactor
 NT2 kstr reactor
 NT2 ncscr-1 reactor
 NT2 nevada university reactor
 NT2 prnc-l-77 reactor
 NT2 supo reactor
 NT2 wrrr reactor
 NT1 argonaut type reactors
 NT2 aeg-pr-10 reactor
 NT2 arbi reactor
 NT2 argonaut reactor
 NT2 argos reactor
 NT2 athene reactor
 NT2 jason reactor
 NT2 lfr reactor
 NT2 moata reactor
 NT2 nestor reactor
 NT2 queen mary college utr-b reactor
 NT2 ra-1 reactor
 NT2 rb-2 reactor
 NT2 rien-1 reactor
 NT2 src-utr-100 reactor
 NT2 stark reactor
 NT2 strasbourg-cronenbourg reactor
 NT2 ufr reactor
 NT2 ulyse reactor
 NT2 urr reactor
 NT2 utr-10-kinki reactor
 NT2 vpi-utr-10 reactor
 NT1 astr reactor
 NT1 atr reactor
 NT1 atrs reactor
 NT1 borax-1 reactor
 NT1 borax-2 reactor
 NT1 borax-3 reactor
 NT1 borax-4 reactor
 NT1 borax-5 reactor
 NT1 br-02 reactor
 NT1 br-2 reactor
 NT1 bwr type reactors
 NT2 allens creek-1 reactor
 NT2 allens creek-2 reactor
 NT2 bailey-1 reactor
 NT2 barsebaeck-1 reactor
 NT2 barsebaeck-2 reactor
 NT2 barton-1 reactor
 NT2 barton-2 reactor
 NT2 barton-3 reactor
 NT2 barton-4 reactor
 NT2 bell reactor
 NT2 big rock point reactor
 NT2 black fox-1 reactor
 NT2 black fox-2 reactor
 NT2 bolsa chica-1 reactor
 NT2 bolsa chica-2 reactor
 NT2 bonus reactor
 NT2 browns ferry-1 reactor
 NT2 browns ferry-2 reactor
 NT2 browns ferry-3 reactor
 NT2 brunsbuettel reactor
 NT2 brunswick-1 reactor
 NT2 brunswick-2 reactor
 NT2 chinshan-1 reactor
 NT2 chinshan-2 reactor
 NT2 clinton-1 reactor
 NT2 clinton-2 reactor
 NT2 cofrentes reactor
 NT2 cooper reactor
 NT2 dodewaard reactor
 NT2 douglas point-1 reactor
 NT2 douglas point-2 reactor
 NT2 dresden-1 reactor
 NT2 dresden-2 reactor
 NT2 dresden-3 reactor
 NT2 duane arnold-1 reactor
 NT2 ebwr reactor
 NT2 enel-4 reactor
 NT2 enrico fermi-2 reactor
 NT2 err reactor

NT2 fitzpatrick reactor
 NT2 forsmark-1 reactor
 NT2 forsmark-2 reactor
 NT2 forsmark-3 reactor
 NT2 fukushima-1 reactor
 NT2 fukushima-2 reactor
 NT2 fukushima-3 reactor
 NT2 fukushima-4 reactor
 NT2 fukushima-5 reactor
 NT2 fukushima-6 reactor
 NT2 fukushima-ii-1 reactor
 NT2 fukushima-ii-2 reactor
 NT2 fukushima-ii-3 reactor
 NT2 fukushima-ii-4 reactor
 NT2 garigliano reactor
 NT2 garona reactor
 NT2 ge standard reactor
 NT2 graben-1 reactor
 NT2 graben-2 reactor
 NT2 grand gulf-1 reactor
 NT2 grand gulf-2 reactor
 NT2 gundremmingen-2 reactor
 NT2 gundremmingen-3 reactor
 NT2 hamaoka-1 reactor
 NT2 hamaoka-2 reactor
 NT2 hamaoka-3 reactor
 NT2 hamaoka-4 reactor
 NT2 hamaoka-5 reactor
 NT2 hartsville-1 reactor
 NT2 hartsville-2 reactor
 NT2 hartsville-3 reactor
 NT2 hartsville-4 reactor
 NT2 hatch-1 reactor
 NT2 hatch-2 reactor
 NT2 hdr reactor
 NT2 higashidori-1 reactor
 NT2 hope creek-1 reactor
 NT2 hope creek-2 reactor
 NT2 humboldt bay reactor
 NT2 isar reactor
 NT2 jpdr-2 reactor
 NT2 jpdr reactor
 NT2 kaiseraugst reactor
 NT2 kashiwazaki-kariwa-1 reactor
 NT2 kashiwazaki-kariwa-2 reactor
 NT2 kashiwazaki-kariwa-3 reactor
 NT2 kashiwazaki-kariwa-4 reactor
 NT2 kashiwazaki-kariwa-5 reactor
 NT2 kashiwazaki-kariwa-6 reactor
 NT2 kashiwazaki-kariwa-7 reactor
 NT2 kruemmel reactor
 NT2 kuosheng-1 reactor
 NT2 kuosheng-2 reactor
 NT2 la salle county-1 reactor
 NT2 la salle county-2 reactor
 NT2 lacbwr reactor
 NT2 laguna verde-1 reactor
 NT2 laguna verde-2 reactor
 NT2 leibstadt reactor
 NT2 limerick-1 reactor
 NT2 limerick-2 reactor
 NT2 lingen reactor
 NT2 lungmen-1 reactor
 NT2 lungmen-2 reactor
 NT2 mendocino-1 reactor
 NT2 mendocino-2 reactor
 NT2 millstone-1 reactor
 NT2 montague-1 reactor
 NT2 montague-2 reactor
 NT2 montalto di castro-1 reactor
 NT2 montalto di castro-2 reactor
 NT2 monticello reactor
 NT2 muehleberg reactor
 NT2 nine mile point-1 reactor
 NT2 nine mile point-2 reactor
 NT2 okg-1 reactor
 NT2 okg-2 reactor
 NT2 okg-3 reactor
 NT2 olkiluoto-1 reactor

NT2	olkiluoto-2 reactor	NT2	ignalina-1 reactor	NT2	hanaro reactor
NT2	onagawa-1 reactor	NT2	ignalina-2 reactor	NT2	herald reactor
NT2	onagawa-2 reactor	NT2	kursk-1 reactor	NT2	hor reactor
NT2	onagawa-3 reactor	NT2	kursk-2 reactor	NT2	horace reactor
NT2	oyster creek-1 reactor	NT2	kursk-3 reactor	NT2	htr reactor
NT2	pathfinder reactor	NT2	kursk-4 reactor	NT2	ian-r1 reactor
NT2	peach bottom-2 reactor	NT2	leningrad-1 reactor	NT2	iear-1 reactor
NT2	peach bottom-3 reactor	NT2	leningrad-2 reactor	NT2	ihni-1 reactor
NT2	perry-1 reactor	NT2	leningrad-3 reactor	NT2	ir-100 reactor
NT2	perry-2 reactor	NT2	leningrad-4 reactor	NT2	irl reactor
NT2	philippsburg-1 reactor	NT2	n-reactor	NT2	irr-1 reactor
NT2	phipps bend-1 reactor	NT2	rpt reactor	NT2	irt-2000 djakarta reactor
NT2	phipps bend-2 reactor	NT2	smolensk-1 reactor	NT2	irt-2000 moscow reactor
NT2	pilgrim-1 reactor	NT2	smolensk-2 reactor	NT2	irt-c reactor
NT2	quad cities-1 reactor	NT2	smolensk-3 reactor	NT2	irt-dprk reactor
NT2	quad cities-2 reactor	NT2	uwtr reactor	NT2	irt-f reactor
NT2	ringhals-1 reactor	NT1	maple reactor	NT2	irt reactor
NT2	river bend-1 reactor	NT1	maple type reactors	NT2	irt-sofia reactor
NT2	river bend-2 reactor	NT1	mir reactor	NT2	isis reactor
NT2	rwe-bayernwerk reactor	NT1	mnsr type reactors	NT2	ivv-2m reactor
NT2	shika-1 reactor	NT2	entc mnsr reactor	NT2	ivv-7 reactor
NT2	shika-2 reactor	NT2	gharr-1 reactor	NT2	jen-1 reactor
NT2	shimane-1 reactor	NT2	mnsr-ciae reactor	NT2	jen-2 reactor
NT2	shimane-2 reactor	NT2	mnsr-sd reactor	NT2	jen reactor
NT2	shimane-3 reactor	NT2	mnsr-sh reactor	NT2	jrr-3m reactor
NT2	shoreham reactor	NT2	mnsr-sz reactor	NT2	jrr-4 reactor
NT2	skagit-1 reactor	NT2	nirr-1 reactor	NT2	jrrr reactor
NT2	skagit-2 reactor	NT2	parr-2 reactor	NT2	jules horowitz reactor
NT2	sl-1 reactor	NT2	srr-1 reactor	NT2	kur reactor
NT2	susquehanna-1 reactor	NT1	mrr reactor	NT2	la reina rech-1 reactor
NT2	susquehanna-2 reactor	NT1	mtr reactor	NT2	lido reactor
NT2	tarapur-1 reactor	NT1	murr reactor	NT2	lo aguirre rech-2 reactor
NT2	tarapur-2 reactor	NT1	netr reactor	NT2	lpr reactor
NT2	tokai-2 reactor	NT1	nhr-5 reactor	NT2	lptr reactor
NT2	tsuruga reactor	NT1	nsrr reactor	NT2	lr-0 reactor
NT2	tullnerfeld reactor	NT1	ntr reactor	NT2	ltir reactor
NT2	vak reactor	NT1	orpee reactor	NT2	maria reactor
NT2	vbwr reactor	NT1	orr reactor	NT2	maryla reactor
NT2	vermont yankee reactor	NT1	osiris reactor	NT2	melusine-1 reactor
NT2	verplanck-1 reactor	NT1	owr reactor	NT2	merlin reactor
NT2	verplanck-2 reactor	NT1	pbr reactor	NT2	minerve reactor
NT2	vk-50 reactor	NT1	pegase reactor	NT2	mnr reactor
NT2	wnp-2 reactor	NT1	peggy reactor	NT2	nscr reactor
NT2	wuergassen reactor	NT1	perryman-1 reactor	NT2	nur reactor
NT2	zimmer-1 reactor	NT1	perryman-2 reactor	NT2	opal reactor
NT2	zimmer-2 reactor	NT1	pool type reactors	NT2	osur reactor
NT1	cirus reactor	NT2	agata reactor	NT2	parr-1 reactor
NT1	entc lwsr reactor	NT2	apsara reactor	NT2	phebus reactor
NT1	esada-vesr reactor	NT2	armf-1 reactor	NT2	pik physical model reactor
NT1	etr reactor	NT2	astra reactor	NT2	prpr reactor
NT1	evsr reactor	NT2	atrc reactor	NT2	prr-1 reactor
NT1	ewa reactor	NT2	avogadro rs-1 reactor	NT2	psbr reactor
NT1	ewg-1 reactor	NT2	bam reactor	NT2	ptr reactor
NT1	getr reactor	NT2	bawtr reactor	NT2	pulstar-buffalo reactor
NT1	hclwr type reactors	NT2	ber-2 reactor	NT2	pulstar-raleigh reactor
NT1	hfetr reactor	NT2	brr reactor	NT2	pur-1 reactor
NT1	hfir reactor	NT2	bsr-1 reactor	NT2	r2-0 reactor
NT1	hfr reactor	NT2	bsr-2 reactor	NT2	ra-10 reactor
NT1	hwlwr type reactors	NT2	cabri reactor	NT2	ra-6 reactor
NT2	cirene reactor	NT2	carr reactor	NT2	ra-8 reactor
NT2	gentilly-1 reactor	NT2	cmrr reactor	NT2	rana reactor
NT2	jatr reactor	NT2	consort-2 reactor	NT2	rinsc reactor
NT1	igr reactor	NT2	cp-6 reactor	NT2	ritmo reactor
NT1	iowa utr-10 reactor	NT2	crocus reactor	NT2	rmb reactor
NT1	janus reactor	NT2	democritus reactor	NT2	rp-10 reactor
NT1	jmtr reactor	NT2	dr-2 reactor	NT2	rts-1 reactor
NT1	kamini reactor	NT2	etrc reactor	NT2	rv-1 reactor
NT1	kuhfr reactor	NT2	etr-2 reactor	NT2	saphir reactor
NT1	litr reactor	NT2	fmr reactor	NT2	scarabee reactor
NT1	lwbr type reactors	NT2	fnr reactor	NT2	siloe reactor
NT1	lwgr type reactors	NT2	frg-1 reactor	NT2	silhouette reactor
NT2	aps reactor	NT2	frg-2 reactor	NT2	slowpoke type reactors
NT2	beloyarsk-1 reactor	NT2	frj-1 reactor	NT3	slowpoke-alberta reactor
NT2	beloyarsk-2 reactor	NT2	frm-ii reactor	NT3	slowpoke-dalhousie reactor
NT2	bilibin reactor	NT2	frm reactor	NT3	slowpoke-mona reactor
NT2	chernobylsk-1 reactor	NT2	frn reactor	NT3	slowpoke-montreal reactor
NT2	chernobylsk-2 reactor	NT2	ga siwabessy reactor	NT3	slowpoke-ottawa reactor
NT2	chernobylsk-3 reactor	NT2	gtr reactor	NT3	slowpoke rmc reactor
NT2	chernobylsk-4 reactor	NT2	gulf triga-mk-3 reactor	NT3	slowpoke src reactor

NT3	slowpoke-toronto reactor	NT2	carem 25 reactor	NT2	golfech-1 reactor
NT3	slowpoke-wmre reactor	NT2	catawba-1 reactor	NT2	golfech-2 reactor
NT2	spert-4 reactor	NT2	catawba-2 reactor	NT2	grafenrheinfeld reactor
NT2	spr 1ae reactor	NT2	cattenom-1 reactor	NT2	gravelines-1 reactor
NT2	sprr-300 reactor	NT2	cattenom-2 reactor	NT2	gravelines-2 reactor
NT2	stek reactor	NT2	cattenom-3 reactor	NT2	gravelines-3 reactor
NT2	stir reactor	NT2	cattenom-4 reactor	NT2	gravelines-4 reactor
NT2	swierk r-2 reactor	NT2	ce standard reactor	NT2	gravelines-5 reactor
NT2	thetis reactor	NT2	changjiang-1 reactor	NT2	gravelines-6 reactor
NT2	thor reactor	NT2	changjiang-2 reactor	NT2	greene county reactor
NT2	toshiba reactor	NT2	chasnupp-1 reactor	NT2	greenwood-2 reactor
NT2	tr-1 reactor	NT2	chasnupp-2 reactor	NT2	greenwood-3 reactor
NT2	tr-2 reactor	NT2	chasnupp-3 reactor	NT2	grohnde reactor
NT2	triton reactor	NT2	cherokee-1 reactor	NT2	hamm-uentrop reactor
NT2	trr-1 reactor	NT2	cherokee-2 reactor	NT2	hanbit-1 reactor
NT2	tz1 reactor	NT2	cherokee-3 reactor	NT2	hanbit-2 reactor
NT2	tz2 reactor	NT2	chinon-b1 reactor	NT2	hanbit-3 reactor
NT2	uknr reactor	NT2	chinon-b2 reactor	NT2	hanbit-4 reactor
NT2	umne-1 reactor	NT2	chinon-b3 reactor	NT2	hanbit-5 reactor
NT2	umrr reactor	NT2	chinon-b4 reactor	NT2	hanbit-6 reactor
NT2	utrr reactor	NT2	chooz-a reactor	NT2	harris-1 reactor
NT2	uvar reactor	NT2	chooz-b1 reactor	NT2	harris-2 reactor
NT2	uwnr reactor	NT2	chooz-b2 reactor	NT2	harris-3 reactor
NT2	vr-1 reactor	NT2	civaux-1 reactor	NT2	harris-4 reactor
NT2	wpir reactor	NT2	civaux-2 reactor	NT2	haven-1 reactor
NT2	wsur reactor	NT2	comanche peak-1 reactor	NT3	koshkonong-1 reactor
NT2	xapr reactor	NT2	comanche peak-2 reactor	NT2	haven-2 reactor
NT1	pumima-3 reactor	NT2	connecticut yankee reactor	NT3	koshkonong-2 reactor
NT1	pwr type reactors	NT2	cook-1 reactor	NT2	hongyanhe-1 reactor
NT2	aguirre reactor	NT2	cook-2 reactor	NT2	hongyanhe-2 reactor
NT2	almaraz-1 reactor	NT2	cruas-1 reactor	NT2	hongyanhe-3 reactor
NT2	almaraz-2 reactor	NT2	cruas-2 reactor	NT2	hongyanhe-4 reactor
NT2	angra-1 reactor	NT2	cruas-3 reactor	NT2	ikata-2 reactor
NT2	angra-2 reactor	NT2	cruas-4 reactor	NT2	ikata-3 reactor
NT2	angra-3 reactor	NT2	crystal river-3 reactor	NT2	ikata reactor
NT2	arkansas-1 reactor	NT2	crystal river-4 reactor	NT2	indian point-1 reactor
NT2	arkansas-2 reactor	NT2	dampierre-1 reactor	NT2	indian point-2 reactor
NT2	asco-1 reactor	NT2	dampierre-2 reactor	NT2	indian point-3 reactor
NT2	asco-2 reactor	NT2	dampierre-3 reactor	NT2	iran-1 reactor
NT2	atlantic-1 reactor	NT2	dampierre-4 reactor	NT2	iran-2 reactor
NT2	atlantic-2 reactor	NT2	davis besse-1 reactor	NT2	isar-2 reactor
NT2	basf-1 reactor	NT2	davis besse-2 reactor	NT2	jamesport-1 reactor
NT2	basf-2 reactor	NT2	davis besse-3 reactor	NT2	jamesport-2 reactor
NT2	beaver valley-1 reactor	NT2	daya bay-1 reactor	NT2	kewaunee reactor
NT2	beaver valley-2 reactor	NT2	daya bay-2 reactor	NT2	klt-40 reactors
NT2	bellefonte-1 reactor	NT2	diablo canyon-1 reactor	NT2	klt-40m reactors
NT2	bellefonte-2 reactor	NT2	diablo canyon-2 reactor	NT2	klt-40s reactor
NT2	belleville-1 reactor	NT2	doel-1 reactor	NT2	koeberg-1 reactor
NT2	belleville-2 reactor	NT2	doel-2 reactor	NT2	koeberg-2 reactor
NT2	beznau-1 reactor	NT2	doel-3 reactor	NT2	kori-1 reactor
NT2	beznau-2 reactor	NT2	doel-4 reactor	NT2	kori-2 reactor
NT2	biblis-1 reactor	NT2	efdr-50 reactor	NT2	kori-3 reactor
NT2	biblis-2 reactor	NT2	emsland reactor	NT2	kori-4 reactor
NT2	biblis-3 reactor	NT2	erie-1 reactor	NT2	krsko reactor
NT2	biblis-4 reactor	NT2	erie-2 reactor	NT2	lemoniz-1 reactor
NT2	blayais-1 reactor	NT2	fangchenggang-1 reactor	NT2	lemoniz-2 reactor
NT2	blayais-2 reactor	NT2	fangchenggang-2 reactor	NT2	lenin reactor
NT2	blayais-3 reactor	NT2	fangjiashan-1 reactor	NT2	leonid brezhnev reactor
NT2	blayais-4 reactor	NT2	fangjiashan-2 reactor	NT2	lingao-1 reactor
NT2	blue hills-1 reactor	NT2	farley-1 reactor	NT2	lingao-2 reactor
NT2	blue hills-2 reactor	NT2	farley-2 reactor	NT2	lingao-3 reactor
NT2	borssele reactor	NT2	fessenheim-1 reactor	NT2	lingao-4 reactor
NT2	br-3 reactor	NT2	fessenheim-2 reactor	NT2	loft reactor
NT2	braidwood-1 reactor	NT2	flamanville-1 reactor	NT2	lucie-1 reactor
NT2	braidwood-2 reactor	NT2	flamanville-2 reactor	NT2	lucie-2 reactor
NT2	brokdorf reactor	NT2	flamanville-3 reactor	NT2	maanshan-1 reactor
NT2	bugey-2 reactor	NT2	forked river-1 reactor	NT2	maanshan-2 reactor
NT2	bugey-3 reactor	NT2	fuqing-1 reactor	NT2	maine yankee reactor
NT2	bugey-4 reactor	NT2	fuqing-2 reactor	NT2	malibu-1 reactor
NT2	bugey-5 reactor	NT2	fuqing-3 reactor	NT2	marble hill-1 reactor
NT2	bw standard reactor	NT2	fuqing-4 reactor	NT2	marble hill-2 reactor
NT2	byron-1 reactor	NT2	fuqing-5 reactor	NT2	mc guire-1 reactor
NT2	byron-2 reactor	NT2	fuqing-6 reactor	NT2	mc guire-2 reactor
NT2	calhoun-1 reactor	NT2	genkai-1 reactor	NT2	mh-1a reactor
NT2	calhoun-2 reactor	NT2	genkai-2 reactor	NT2	midland-1 reactor
NT2	callaway-1 reactor	NT2	genkai-3 reactor	NT2	midland-2 reactor
NT2	callaway-2 reactor	NT2	genkai-4 reactor	NT2	mihama-1 reactor
NT2	calvert cliffs-1 reactor	NT2	ginna-1 reactor	NT2	mihama-2 reactor
NT2	calvert cliffs-2 reactor	NT2	goesgen reactor	NT2	mihama-3 reactor

NT2 millstone-2 reactor
 NT2 millstone-3 reactor
 NT2 muelheim-kaerlich reactor
 NT2 mutsu reactor
 NT2 neckar-1 reactor
 NT2 neckar-2 reactor
 NT2 nep-1 reactor
 NT2 nep-2 reactor
 NT2 neupotz-1 reactor
 NT2 neupotz-2 reactor
 NT2 ningde-1 reactor
 NT2 ningde-2 reactor
 NT2 ningde-3 reactor
 NT2 ningde-4 reactor
 NT2 nogent-1 reactor
 NT2 nogent-2 reactor
 NT2 north anna-1 reactor
 NT2 north anna-2 reactor
 NT2 north anna-3 reactor
 NT2 north anna-4 reactor
 NT2 north coast-1 reactor
 NT2 obrigheim reactor
 NT2 oconee-1 reactor
 NT2 oconee-2 reactor
 NT2 oconee-3 reactor
 NT2 oi-1 reactor
 NT2 oi-2 reactor
 NT2 oi-3 reactor
 NT2 oi-4 reactor
 NT2 ok-900a reactors
 NT2 oktemberyan-2 reactor
 NT2 olkiluoto-3 reactor
 NT2 otto hahn reactor
 NT2 palisades-1 reactor
 NT2 palo verde-1 reactor
 NT2 palo verde-2 reactor
 NT2 palo verde-3 reactor
 NT2 palo verde-4 reactor
 NT2 palo verde-5 reactor
 NT2 paluel-1 reactor
 NT2 paluel-2 reactor
 NT2 paluel-3 reactor
 NT2 paluel-4 reactor
 NT2 pat reactor
 NT2 pebble springs-1 reactor
 NT2 pebble springs-2 reactor
 NT2 penly-1 reactor
 NT2 penly-2 reactor
 NT2 penly-3 reactor
 NT2 perkins-1 reactor
 NT2 perkins-2 reactor
 NT2 perkins-3 reactor
 NT2 philippsburg-2 reactor
 NT2 pilgrim-2 reactor
 NT2 pilgrim-3 reactor
 NT2 pm-2a reactor
 NT2 pm-3a reactor
 NT2 pnpp-1 reactor
 NT2 pnpp beach-1 reactor
 NT2 point beach-2 reactor
 NT2 prairie island-1 reactor
 NT2 prairie island-2 reactor
 NT2 qinshan-1 reactor
 NT2 qinshan-2-1 reactor
 NT2 qinshan-2-2 reactor
 NT2 qinshan-2-3 reactor
 NT2 qinshan-2-4 reactor
 NT2 quanicassee-1 reactor
 NT2 quanicassee-2 reactor
 NT2 rancho seco-1 reactor
 NT2 remerschen reactor
 NT2 rheinsberg akw1 reactor
 NT2 ringhals-2 reactor
 NT2 ringhals-3 reactor
 NT2 ringhals-4 reactor
 NT2 robinson-2 reactor
 NT2 rooppur reactor
 NT2 rowe yankee reactor
 NT2 s1c prototype reactor

NT2 saint alban-1 reactor
 NT2 saint alban-2 reactor
 NT2 saint laurent-b1 reactor
 NT2 saint laurent-b2 reactor
 NT2 salem-1 reactor
 NT2 salem-2 reactor
 NT2 san onofre-1 reactor
 NT2 san onofre-2 reactor
 NT2 san onofre-3 reactor
 NT2 savannah reactor
 NT2 saxton reactor
 NT2 seabrook-1 reactor
 NT2 seabrook-2 reactor
 NT2 selni reactor
 NT2 sendai-1 reactor
 NT2 sendai-2 reactor
 NT2 sequoyah-1 reactor
 NT2 sequoyah-2 reactor
 NT2 shin-kori-1 reactor
 NT2 shin-kori-2 reactor
 NT2 shin-kori-3 reactor
 NT2 shin-wolsong-1 reactor
 NT2 shippingport reactor
 NT2 sizewell-b reactor
 NT2 sm-1 reactor
 NT2 sm-1a reactor
 NT2 south texas project-1 reactor
 NT2 south texas project-2 reactor
 NT2 stade reactor
 NT2 sterling-1 reactor
 NT2 sterling-2 reactor
 NT2 summer-1 reactor
 NT2 sundesert-1 reactor
 NT2 sundesert-2 reactor
 NT2 surry-1 reactor
 NT2 surry-2 reactor
 NT2 surry-3 reactor
 NT2 surry-4 reactor
 NT2 takahama-1 reactor
 NT2 takahama-2 reactor
 NT2 takahama-3 reactor
 NT2 takahama-4 reactor
 NT2 three mile island-1 reactor
 NT2 three mile island-2 reactor
 NT2 tihange-2 reactor
 NT2 tihange-3 reactor
 NT2 tihange reactor
 NT2 tomari-1 reactor
 NT2 tomari-2 reactor
 NT2 tomari-3 reactor
 NT2 tricastin-1 reactor
 NT2 tricastin-2 reactor
 NT2 tricastin-3 reactor
 NT2 tricastin-4 reactor
 NT2 trillo-1 reactor
 NT2 trojan reactor
 NT2 tsuruga-2 reactor
 NT2 turkey point-3 reactor
 NT2 turkey point-4 reactor
 NT2 tva-1 reactor
 NT2 tva-2 reactor
 NT2 tyrone-1 reactor
 NT2 tyrone-2 reactor
 NT2 ulchin-1 reactor
 NT2 ulchin-2 reactor
 NT2 ulchin-3 reactor
 NT2 ulchin-4 reactor
 NT2 ulchin-5 reactor
 NT2 ulchin-6 reactor
 NT2 unterweser reactor
 NT2 vahnum-1 reactor
 NT2 vahnum-2 reactor
 NT2 vandellos-2 reactor
 NT2 vogtle-1 reactor
 NT2 vogtle-2 reactor
 NT2 vogtle-3 reactor
 NT2 vogtle-4 reactor
 NT2 waterford-3 reactor
 NT2 waterford-4 reactor

NT2 watts bar-1 reactor
 NT2 watts bar-2 reactor
 NT2 westinghouse standard reactor
 NT2 wnp-1 reactor
 NT2 wnp-3 reactor
 NT2 wnp-4 reactor
 NT2 wnp-5 reactor
 NT2 wolf creek-1 reactor
 NT2 wup-3 reactor
 NT2 wup-4 reactor
 NT2 wup-5 reactor
 NT2 wup-6 reactor
 NT2 wwer type reactors
 NT3 armenian-1 reactor
 NT3 armenian-2 reactor
 NT3 balakovo-1 reactor
 NT3 balakovo-2 reactor
 NT3 balakovo-3 reactor
 NT3 balakovo-4 reactor
 NT3 blahutovice-1 reactor
 NT3 bohunice v-1 reactor
 NT3 bohunice v-2 reactor
 NT3 dukovany-1 reactor
 NT3 dukovany-2 reactor
 NT3 dukovany-3 reactor
 NT3 dukovany-4 reactor
 NT3 greifswald-1 reactor
 NT3 greifswald-2 reactor
 NT3 greifswald-3 reactor
 NT3 greifswald-4 reactor
 NT3 greifswald-5 reactor
 NT3 greifswald-6 reactor
 NT3 juragua-1 reactor
 NT3 kalinin-1 reactor
 NT3 kalinin-2 reactor
 NT3 kalinin-3 reactor
 NT3 kalinin-4 reactor
 NT3 kecerovce-1 reactor
 NT3 khmel'nitskij-1 reactor
 NT3 khmel'nitskij-2 reactor
 NT3 kola-1 reactor
 NT3 kola-2 reactor
 NT3 kola-3 reactor
 NT3 kola-4 reactor
 NT3 kozloduy-1 reactor
 NT3 kozloduy-2 reactor
 NT3 kozloduy-3 reactor
 NT3 kozloduy-4 reactor
 NT3 kozloduy-5 reactor
 NT3 kozloduy-6 reactor
 NT3 kudankulam-1 reactor
 NT3 kudankulam-2 reactor
 NT3 loviisa-1 reactor
 NT3 loviisa-2 reactor
 NT3 mochoyce-1 reactor
 NT3 mochoyce-2 reactor
 NT3 novovoronezh-1 reactor
 NT3 novovoronezh-2 reactor
 NT3 novovoronezh-3 reactor
 NT3 novovoronezh-4 reactor
 NT3 novovoronezh-5 reactor
 NT3 paks-1 reactor
 NT3 paks-2 reactor
 NT3 paks-3 reactor
 NT3 paks-4 reactor
 NT3 rostov-1 reactor
 NT3 rostov-2 reactor
 NT3 rostov-3 reactor
 NT3 rovno-1 reactor
 NT3 rovno-2 reactor
 NT3 rovno-3 reactor
 NT3 rovno-4 reactor
 NT3 rovno-5 reactor
 NT3 south ukrainian-1 reactor
 NT3 south ukrainian-2 reactor
 NT3 south ukrainian-3 reactor
 NT3 stendal-1 reactor
 NT3 tatarian reactor
 NT3 temelin-1 reactor

NT3 temelin-2 reactor
 NT3 tianwan-1 reactor
 NT3 tianwan-2 reactor
 NT3 zaporozhe-1 reactor
 NT3 zaporozhe-2 reactor
 NT3 zaporozhe-3 reactor
 NT3 zaporozhe-4 reactor
 NT3 zaporozhe-5 reactor
 NT3 zaporozhe-6 reactor
 NT2 wyhl-1 reactor
 NT2 wyhl-2 reactor
 NT2 yangjiang-1 reactor
 NT2 yangjiang-2 reactor
 NT2 yangjiang-3 reactor
 NT2 yangjiang-4 reactor
 NT2 yellow creek-1 reactor
 NT2 yellow creek-2 reactor
 NT2 zion-1 reactor
 NT2 zion-2 reactor
 NT2 zorita-1 reactor
 NT1 r-2 reactor
 NT1 ra-5 reactor
 NT1 rg-1m reactor
 NT1 safari-1 reactor
 NT1 sghwr reactor
 NT1 sm-2 reactor
 NT1 spert-2 reactor
 NT1 spert-3 reactor
 NT1 sr-1 reactor
 NT1 sr-3p reactor
 NT1 sr-oa reactor
 NT1 tca reactor
 NT1 triga type reactors
 NT2 afri reactor
 NT2 atrp reactor
 NT2 colorado triga-mk-3 reactor
 NT2 cornell triga-mk-2 reactor
 NT2 dow triga-mk-1 reactor
 NT2 fir-1 reactor
 NT2 frf-2 reactor
 NT2 frn reactor
 NT2 gulf triga-mk-3 reactor
 NT2 itu-tr reactor
 NT2 kartini-ppny reactor
 NT2 lopra reactor
 NT2 ma-r1 reactor
 NT2 nscr reactor
 NT2 ostr reactor
 NT2 prpr reactor
 NT2 psbr reactor
 NT2 rtp reactor
 NT2 trico ii reactor
 NT2 trico reactor
 NT2 triga-1-arizona reactor
 NT2 triga-1-california reactor
 NT2 triga-1-hanford reactor
 NT2 triga-1-hanover reactor
 NT2 triga-1-heidelberg reactor
 NT2 triga-1-michigan reactor
 NT2 triga-2-bandung reactor
 NT2 triga-2-bangladesh reactor
 NT2 triga-2-dalat reactor
 NT2 triga-2-illinois reactor
 NT2 triga-2-kansas reactor
 NT2 triga-2-ljubljana reactor
 NT2 triga-2-mainz reactor
 NT2 triga-2-musashi reactor
 NT2 triga-2-pavia reactor
 NT2 triga-2-pitesti reactor
 NT2 triga-2-pitesti-ss-core reactor
 NT2 triga-2 reactor
 NT2 triga-2-rikkyo reactor
 NT2 triga-2-rome reactor
 NT2 triga-2-seoul reactor
 NT2 triga-2-vienna reactor
 NT2 triga-3-la jolla reactor
 NT2 triga-3-munich reactor
 NT2 triga-3-salazar reactor
 NT2 triga-3-seoul reactor

NT2 triga-brazil reactor
 NT2 triga-texas reactor
 NT2 triga-veterans reactor
 NT2 ucbr reactor
 NT2 uwnr reactor
 NT2 wsur reactor
 NT1 tsr-2 reactor
 NT1 voronezh ast-500 reactor
 NT1 wntr reactor
 NT1 wtr reactor
 NT1 wwr type reactors
 NT2 budapest training reactor
 NT2 irt-1 libya reactor
 NT2 irt-baghdad reactor
 NT2 lvr-15 reactor
 NT2 wwr-2 reactor
 NT2 wwr-k-almaty reactor
 NT2 wwr-k cf reactor
 NT2 wwr-m-kiev reactor
 NT2 wwr-m-leningrad reactor
 NT2 wwr-s-bucharest reactor
 NT2 wwr-s-budapest reactor
 NT2 wwr-s-cairo reactor
 NT2 wwr-s-moscow reactor
 NT2 wwr-s-prague reactor
 NT2 wwr-s-tashkent reactor
 NT2 wwr-sm rossendorf reactor
 NT2 wwr-z reactor
 NT1 zlfr reactor
 NT1 zr-6 reactor
 RT water chemistry

WATER COOLERS

2005-04-20

*BT1 appliances
 BT1 heat exchangers
 RT cooling
 RT drinking water
 RT refrigerators

WATER CURRENT POWER GENERATORS

INIS: 1992-10-02; ETDE: 1976-06-07

UF hydrokinetic power generators
 *BT1 electric generators
 RT hydrokinetic power
 RT tidal power

WATER CURRENTS

INIS: 1981-11-26; ETDE: 1977-04-12

Net transport of water along a definable path.

UF currents (water)
 UF ocean currents
 BT1 currents
 NT1 gulf stream
 NT1 gyres
 RT advection
 RT downwelling
 RT hydrokinetic power
 RT lakes
 RT oceanic circulation
 RT rivers
 RT seas
 RT streams
 RT surface waters
 RT tide
 RT upwelling
 RT water waves

water demand

INIS: 1982-12-03; ETDE: 1979-05-09

USE water requirements

water distribution

INIS: 1986-05-26; ETDE: 1979-09-26

USE water supply

WATER FAUCETS

INIS: 2000-04-12; ETDE: 1977-06-21

UF faucets (water)
 *BT1 valves

RT pipe fittings
 RT plumbing

WATER GAS

2000-04-12

Approximately 300 btu per cubic foot.

*BT1 intermediate btu gas
 RT carburetted water gas

WATER GAS PROCESSES

2000-04-12

Processes in which water gas with steam in excess is passed over catalysts.

BT1 chemical reactions
 RT hydrogen production

WATER HAMMER

RT hydraulics
 RT impact shock
 RT shock waves

WATER HEATERS

1992-04-07

UF hot water heaters
 *BT1 appliances
 BT1 heaters
 NT1 solar water heaters
 NT2 passive solar water heaters
 NT3 thermic diode solar panels
 RT annual cycle energy system
 RT gas appliances
 RT water heating

WATER HEATING

INIS: 2000-05-02; ETDE: 1981-06-13

BT1 heating
 NT1 geothermal water heating
 NT1 solar water heating
 RT building technology suite
 RT hot water
 RT water heaters

WATER HYACINTHS

INIS: 1991-12-16; ETDE: 1977-11-29

BT1 aquatic organisms
 *BT1 liliopsida

water infiltration

INIS: 1985-10-23; ETDE: 2002-05-24

USE water influx

WATER INFLUX

INIS: 1985-10-23; ETDE: 1978-10-23

Entrance of water or aqueous solutions into geologic formations, underground spaces, etc.

UF infiltration (rock)
 UF infiltration (water)
 UF influx (water)
 UF intrusion (water)
 UF water infiltration
 UF water intrusion
 SF intrusion
 RT aquifers
 RT cavities
 RT coal seams
 RT geologic structures
 RT ground water
 RT hydrology
 RT mine draining
 RT mines
 RT natural gas wells
 RT oil wells
 RT reservoir rock
 RT water

water intrusion

INIS: 1985-07-23; ETDE: 2002-05-24

USE water influx

water moderated organic cooled reactors

USE lwor type reactors

WATER MODERATED REACTORS

UF *br-3-vn reactor*
 UF *light water moderated reactors*
 BT1 reactors
 NT1 aarr reactor
 NT1 acpr reactor
 NT1 anna reactor
 NT1 aqueous homogeneous reactors
 NT2 ai-l-77 reactor
 NT2 argus reactor
 NT2 ber-2 reactor
 NT2 byu l-77 reactor
 NT2 cesnef reactor
 NT2 dr-1 reactor
 NT2 frf reactor
 NT2 gidra reactor
 NT2 hre-2 reactor
 NT2 jrr-1 reactor
 NT2 kewb reactor
 NT2 kstr reactor
 NT2 ncsr-1 reactor
 NT2 nevada university reactor
 NT2 pmc-l-77 reactor
 NT2 supo reactor
 NT2 wrrr reactor
 NT1 argonaut type reactors
 NT2 aeg-pr-10 reactor
 NT2 arbi reactor
 NT2 argonaut reactor
 NT2 argos reactor
 NT2 athene reactor
 NT2 jason reactor
 NT2 lfr reactor
 NT2 moata reactor
 NT2 nestor reactor
 NT2 queen mary college utr-b reactor
 NT2 ra-1 reactor
 NT2 rb-2 reactor
 NT2 rien-1 reactor
 NT2 src-utr-100 reactor
 NT2 stark reactor
 NT2 strasbourg-cronenbourg reactor
 NT2 ufr reactor
 NT2 ulyse reactor
 NT2 urr reactor
 NT2 utr-10-kinki reactor
 NT2 vpi-utr-10 reactor
 NT1 astr reactor
 NT1 atr reactor
 NT1 atsr reactor
 NT1 borax-1 reactor
 NT1 borax-2 reactor
 NT1 borax-3 reactor
 NT1 borax-4 reactor
 NT1 borax-5 reactor
 NT1 br-02 reactor
 NT1 br-2 reactor
 NT1 bwr type reactors
 NT2 allens creek-1 reactor
 NT2 allens creek-2 reactor
 NT2 bailly-1 reactor
 NT2 barsebaeck-1 reactor
 NT2 barsebaeck-2 reactor
 NT2 barton-1 reactor
 NT2 barton-2 reactor
 NT2 barton-3 reactor
 NT2 barton-4 reactor
 NT2 bell reactor
 NT2 big rock point reactor
 NT2 black fox-1 reactor
 NT2 black fox-2 reactor
 NT2 bolsa chica-1 reactor
 NT2 bolsa chica-2 reactor
 NT2 bonus reactor
 NT2 browns ferry-1 reactor
 NT2 browns ferry-2 reactor
 NT2 browns ferry-3 reactor
 NT2 brunsbuettel reactor
 NT2 brunswick-1 reactor

NT2 brunswick-2 reactor
 NT2 chinshan-1 reactor
 NT2 chinshan-2 reactor
 NT2 clinton-1 reactor
 NT2 clinton-2 reactor
 NT2 cofrentes reactor
 NT2 cooper reactor
 NT2 dodewaard reactor
 NT2 douglas point-1 reactor
 NT2 douglas point-2 reactor
 NT2 dresden-1 reactor
 NT2 dresden-2 reactor
 NT2 dresden-3 reactor
 NT2 duane arnold-1 reactor
 NT2 ebwr reactor
 NT2 enel-4 reactor
 NT2 enrico fermi-2 reactor
 NT2 err reactor
 NT2 fitzpatrick reactor
 NT2 forsmark-1 reactor
 NT2 forsmark-2 reactor
 NT2 forsmark-3 reactor
 NT2 fukushima-1 reactor
 NT2 fukushima-2 reactor
 NT2 fukushima-3 reactor
 NT2 fukushima-4 reactor
 NT2 fukushima-5 reactor
 NT2 fukushima-6 reactor
 NT2 fukushima-ii-1 reactor
 NT2 fukushima-ii-2 reactor
 NT2 fukushima-ii-3 reactor
 NT2 fukushima-ii-4 reactor
 NT2 garigliano reactor
 NT2 garona reactor
 NT2 ge standard reactor
 NT2 graben-1 reactor
 NT2 graben-2 reactor
 NT2 grand gulf-1 reactor
 NT2 grand gulf-2 reactor
 NT2 gundremmingen-2 reactor
 NT2 gundremmingen-3 reactor
 NT2 hamaoka-1 reactor
 NT2 hamaoka-2 reactor
 NT2 hamaoka-3 reactor
 NT2 hamaoka-4 reactor
 NT2 hamaoka-5 reactor
 NT2 hartsville-1 reactor
 NT2 hartsville-2 reactor
 NT2 hartsville-3 reactor
 NT2 hartsville-4 reactor
 NT2 hatch-1 reactor
 NT2 hatch-2 reactor
 NT2 hdr reactor
 NT2 higashidori-1 reactor
 NT2 hope creek-1 reactor
 NT2 hope creek-2 reactor
 NT2 humboldt bay reactor
 NT2 isar reactor
 NT2 jpdr-2 reactor
 NT2 jpdr reactor
 NT2 kaiseraugst reactor
 NT2 kashiwazaki-kariwa-1 reactor
 NT2 kashiwazaki-kariwa-2 reactor
 NT2 kashiwazaki-kariwa-3 reactor
 NT2 kashiwazaki-kariwa-4 reactor
 NT2 kashiwazaki-kariwa-5 reactor
 NT2 kashiwazaki-kariwa-6 reactor
 NT2 kashiwazaki-kariwa-7 reactor
 NT2 kruemmel reactor
 NT2 kuosheng-1 reactor
 NT2 kuosheng-2 reactor
 NT2 la salle county-1 reactor
 NT2 la salle county-2 reactor
 NT2 lacbwr reactor
 NT2 laguna verde-1 reactor
 NT2 laguna verde-2 reactor
 NT2 leibstadt reactor
 NT2 limerick-1 reactor
 NT2 limerick-2 reactor

NT2 lingen reactor
 NT2 lungmen-1 reactor
 NT2 lungmen-2 reactor
 NT2 mendocino-1 reactor
 NT2 mendocino-2 reactor
 NT2 millstone-1 reactor
 NT2 montague-1 reactor
 NT2 montague-2 reactor
 NT2 montalto di castro-1 reactor
 NT2 montalto di castro-2 reactor
 NT2 monticello reactor
 NT2 muehleberg reactor
 NT2 nine mile point-1 reactor
 NT2 nine mile point-2 reactor
 NT2 okg-1 reactor
 NT2 okg-2 reactor
 NT2 okg-3 reactor
 NT2 olkiluoto-1 reactor
 NT2 olkiluoto-2 reactor
 NT2 onagawa-1 reactor
 NT2 onagawa-2 reactor
 NT2 onagawa-3 reactor
 NT2 oyster creek-1 reactor
 NT2 pathfinder reactor
 NT2 peach bottom-2 reactor
 NT2 peach bottom-3 reactor
 NT2 perry-1 reactor
 NT2 perry-2 reactor
 NT2 philippsburg-1 reactor
 NT2 phipps bend-1 reactor
 NT2 phipps bend-2 reactor
 NT2 pilgrim-1 reactor
 NT2 quad cities-1 reactor
 NT2 quad cities-2 reactor
 NT2 ringhals-1 reactor
 NT2 river bend-1 reactor
 NT2 river bend-2 reactor
 NT2 rwe-bayernwerk reactor
 NT2 shika-1 reactor
 NT2 shika-2 reactor
 NT2 shimane-1 reactor
 NT2 shimane-2 reactor
 NT2 shimane-3 reactor
 NT2 shoreham reactor
 NT2 skagit-1 reactor
 NT2 skagit-2 reactor
 NT2 sl-1 reactor
 NT2 susquehanna-1 reactor
 NT2 susquehanna-2 reactor
 NT2 tarapur-1 reactor
 NT2 tarapur-2 reactor
 NT2 tokai-2 reactor
 NT2 tsuruga reactor
 NT2 tullnerfeld reactor
 NT2 vak reactor
 NT2 vbwr reactor
 NT2 vermont yankee reactor
 NT2 verplanck-1 reactor
 NT2 verplanck-2 reactor
 NT2 vk-50 reactor
 NT2 wnp-2 reactor
 NT2 wuergassen reactor
 NT2 zimmer-1 reactor
 NT2 zimmer-2 reactor
 NT1 delphi reactor
 NT1 entc lwsr reactor
 NT1 esada-vesr reactor
 NT1 etr reactor
 NT1 evsr reactor
 NT1 ewa reactor
 NT1 ewg-1 reactor
 NT1 gre reactor
 NT1 getr reactor
 NT1 hclwr type reactors
 NT1 hfetr reactor
 NT1 hfir reactor
 NT1 hfr reactor
 NT1 igr reactor
 NT1 janus reactor

NT1	jmtr reactor	NT2	ihni-1 reactor	NT2	swierk r-2 reactor
NT1	juno reactor	NT2	ir-100 reactor	NT2	thetis reactor
NT1	kamini reactor	NT2	irl reactor	NT2	thor reactor
NT1	kuca reactor	NT2	irr-1 reactor	NT2	toshiba reactor
NT1	kuhfr reactor	NT2	irt-2000 djakarta reactor	NT2	tr-1 reactor
NT1	litr reactor	NT2	irt-2000 moscow reactor	NT2	tr-2 reactor
NT1	lwbr type reactors	NT2	irt-c reactor	NT2	triton reactor
NT1	lwor type reactors	NT2	irt-dprk reactor	NT2	trr-1 reactor
NT1	maple reactor	NT2	irt-f reactor	NT2	tz1 reactor
NT1	maple type reactors	NT2	irt reactor	NT2	tz2 reactor
NT1	mir reactor	NT2	irt-sofia reactor	NT2	uknr reactor
NT1	ml-1 reactor	NT2	isis reactor	NT2	umne-1 reactor
NT1	mnsr type reactors	NT2	ivv-2m reactor	NT2	umrr reactor
NT2	entc mnsr reactor	NT2	ivv-7 reactor	NT2	utrr reactor
NT2	gharr-1 reactor	NT2	jen-1 reactor	NT2	uvar reactor
NT2	mnsr-ciae reactor	NT2	jen-2 reactor	NT2	uwnr reactor
NT2	mnsr-sd reactor	NT2	jen reactor	NT2	vr-1 reactor
NT2	mnsr-sh reactor	NT2	jrr-3m reactor	NT2	wpir reactor
NT2	mnsr-sz reactor	NT2	jrr-4 reactor	NT2	wsur reactor
NT2	nirr-1 reactor	NT2	jrr reactor	NT2	xapr reactor
NT2	parr-2 reactor	NT2	jules horowitz reactor	NT1	pumima-3 reactor
NT2	srr-1 reactor	NT2	kur reactor	NT1	pwr type reactors
NT1	mrr reactor	NT2	la reina rech-1 reactor	NT2	aguirre reactor
NT1	mtr reactor	NT2	lido reactor	NT2	almaraz-1 reactor
NT1	murr reactor	NT2	lo aguirre rech-2 reactor	NT2	almaraz-2 reactor
NT1	netr reactor	NT2	lpr reactor	NT2	anagra-1 reactor
NT1	nhr-5 reactor	NT2	lptr reactor	NT2	anagra-2 reactor
NT1	nsrr reactor	NT2	lr-0 reactor	NT2	anagra-3 reactor
NT1	ntr reactor	NT2	ltir reactor	NT2	arkansas-1 reactor
NT1	nuclear furnace reactor	NT2	maria reactor	NT2	arkansas-2 reactor
NT1	orr reactor	NT2	maryla reactor	NT2	asco-1 reactor
NT1	osiris reactor	NT2	melusine-1 reactor	NT2	asco-2 reactor
NT1	owr reactor	NT2	merlin reactor	NT2	atlantic-1 reactor
NT1	pbr reactor	NT2	minerve reactor	NT2	atlantic-2 reactor
NT1	pegase reactor	NT2	mnr reactor	NT2	basf-1 reactor
NT1	peggy reactor	NT2	nscr reactor	NT2	basf-2 reactor
NT1	perryman-1 reactor	NT2	nur reactor	NT2	beaver valley-1 reactor
NT1	perryman-2 reactor	NT2	opal reactor	NT2	beaver valley-2 reactor
NT1	pool type reactors	NT2	osur reactor	NT2	bellefonte-1 reactor
NT2	agata reactor	NT2	parr-1 reactor	NT2	bellefonte-2 reactor
NT2	apsara reactor	NT2	phebus reactor	NT2	belleville-1 reactor
NT2	armf-1 reactor	NT2	pik physical model reactor	NT2	belleville-2 reactor
NT2	astra reactor	NT2	prpr reactor	NT2	beznau-1 reactor
NT2	atrc reactor	NT2	pr-1 reactor	NT2	beznau-2 reactor
NT2	avogadro rs-1 reactor	NT2	psbr reactor	NT2	biblis-1 reactor
NT2	bam reactor	NT2	ptr reactor	NT2	biblis-2 reactor
NT2	bawtr reactor	NT2	pulstar-buffalo reactor	NT2	biblis-3 reactor
NT2	ber-2 reactor	NT2	pulstar-raleigh reactor	NT2	biblis-4 reactor
NT2	brr reactor	NT2	pur-1 reactor	NT2	blayais-1 reactor
NT2	bsr-1 reactor	NT2	r2-0 reactor	NT2	blayais-2 reactor
NT2	bsr-2 reactor	NT2	ra-10 reactor	NT2	blayais-3 reactor
NT2	cabri reactor	NT2	ra-6 reactor	NT2	blayais-4 reactor
NT2	carr reactor	NT2	ra-8 reactor	NT2	blue hills-1 reactor
NT2	cmrr reactor	NT2	rana reactor	NT2	blue hills-2 reactor
NT2	consort-2 reactor	NT2	rinsc reactor	NT2	borssele reactor
NT2	cp-6 reactor	NT2	ritmo reactor	NT2	br-3 reactor
NT2	crocus reactor	NT2	rmb reactor	NT2	braidwood-1 reactor
NT2	democritus reactor	NT2	rp-10 reactor	NT2	braidwood-2 reactor
NT2	dr-2 reactor	NT2	rts-1 reactor	NT2	brokdorf reactor
NT2	etrc reactor	NT2	rv-1 reactor	NT2	bugey-2 reactor
NT2	etrr-2 reactor	NT2	saphir reactor	NT2	bugey-3 reactor
NT2	fmr reactor	NT2	scarabee reactor	NT2	bugey-4 reactor
NT2	fmr reactor	NT2	siloe reactor	NT2	bugey-5 reactor
NT2	fgr-1 reactor	NT2	silhouette reactor	NT2	bw standard reactor
NT2	fgr-2 reactor	NT2	slowpoke type reactors	NT2	byron-1 reactor
NT2	frj-1 reactor	NT3	slowpoke-alberta reactor	NT2	byron-2 reactor
NT2	frm-ii reactor	NT3	slowpoke-dalhousie reactor	NT2	calhoun-1 reactor
NT2	frm reactor	NT3	slowpoke-mona reactor	NT2	calhoun-2 reactor
NT2	frm reactor	NT3	slowpoke-montreal reactor	NT2	callaway-1 reactor
NT2	ga siwabessy reactor	NT3	slowpoke-ottawa reactor	NT2	callaway-2 reactor
NT2	gtr reactor	NT3	slowpoke rmc reactor	NT2	calvert cliffs-1 reactor
NT2	gulf triga-mk-3 reactor	NT3	slowpoke src reactor	NT2	calvert cliffs-2 reactor
NT2	hanaro reactor	NT3	slowpoke-toronto reactor	NT2	carem 25 reactor
NT2	herald reactor	NT3	slowpoke-wmre reactor	NT2	catawba-1 reactor
NT2	hor reactor	NT2	spert-4 reactor	NT2	catawba-2 reactor
NT2	horace reactor	NT2	spr iae reactor	NT2	cattenom-1 reactor
NT2	htr reactor	NT2	sprr-300 reactor	NT2	cattenom-2 reactor
NT2	ian-r1 reactor	NT2	stek reactor	NT2	cattenom-3 reactor
NT2	iear-1 reactor	NT2	stir reactor	NT2	cattenom-4 reactor

NT2	ce standard reactor	NT2	gravelines-5 reactor	NT2	nep-2 reactor
NT2	changjiang-1 reactor	NT2	gravelines-6 reactor	NT2	neupotz-1 reactor
NT2	changjiang-2 reactor	NT2	greene county reactor	NT2	neupotz-2 reactor
NT2	chasnupp-1 reactor	NT2	greenwood-2 reactor	NT2	ningde-1 reactor
NT2	chasnupp-2 reactor	NT2	greenwood-3 reactor	NT2	ningde-2 reactor
NT2	chasnupp-3 reactor	NT2	grohnde reactor	NT2	ningde-3 reactor
NT2	cherokee-1 reactor	NT2	hamm-uentrop reactor	NT2	ningde-4 reactor
NT2	cherokee-2 reactor	NT2	hanbit-1 reactor	NT2	nogent-1 reactor
NT2	cherokee-3 reactor	NT2	hanbit-2 reactor	NT2	nogent-2 reactor
NT2	chinon-b1 reactor	NT2	hanbit-3 reactor	NT2	north anna-1 reactor
NT2	chinon-b2 reactor	NT2	hanbit-4 reactor	NT2	north anna-2 reactor
NT2	chinon-b3 reactor	NT2	hanbit-5 reactor	NT2	north anna-3 reactor
NT2	chinon-b4 reactor	NT2	hanbit-6 reactor	NT2	north anna-4 reactor
NT2	chooz-a reactor	NT2	harris-1 reactor	NT2	north coast-1 reactor
NT2	chooz-b1 reactor	NT2	harris-2 reactor	NT2	obrigheim reactor
NT2	chooz-b2 reactor	NT2	harris-3 reactor	NT2	oconee-1 reactor
NT2	civaux-1 reactor	NT2	harris-4 reactor	NT2	oconee-2 reactor
NT2	civaux-2 reactor	NT2	haven-1 reactor	NT2	oconee-3 reactor
NT2	comanche peak-1 reactor	NT3	koshkonong-1 reactor	NT2	oi-1 reactor
NT2	comanche peak-2 reactor	NT2	haven-2 reactor	NT2	oi-2 reactor
NT2	connecticut yankee reactor	NT3	koshkonong-2 reactor	NT2	oi-3 reactor
NT2	cook-1 reactor	NT2	hongyanhe-1 reactor	NT2	oi-4 reactor
NT2	cook-2 reactor	NT2	hongyanhe-2 reactor	NT2	ok-900a reactors
NT2	cruas-1 reactor	NT2	hongyanhe-3 reactor	NT2	oktemberyan-2 reactor
NT2	cruas-2 reactor	NT2	hongyanhe-4 reactor	NT2	olkiluoto-3 reactor
NT2	cruas-3 reactor	NT2	ikata-2 reactor	NT2	otto hahn reactor
NT2	cruas-4 reactor	NT2	ikata-3 reactor	NT2	palisades-1 reactor
NT2	crystal river-3 reactor	NT2	ikata reactor	NT2	palo verde-1 reactor
NT2	crystal river-4 reactor	NT2	indian point-1 reactor	NT2	palo verde-2 reactor
NT2	dampierre-1 reactor	NT2	indian point-2 reactor	NT2	palo verde-3 reactor
NT2	dampierre-2 reactor	NT2	indian point-3 reactor	NT2	palo verde-4 reactor
NT2	dampierre-3 reactor	NT2	iran-1 reactor	NT2	palo verde-5 reactor
NT2	dampierre-4 reactor	NT2	iran-2 reactor	NT2	paluel-1 reactor
NT2	davis besse-1 reactor	NT2	isar-2 reactor	NT2	paluel-2 reactor
NT2	davis besse-2 reactor	NT2	jamesport-1 reactor	NT2	paluel-3 reactor
NT2	davis besse-3 reactor	NT2	jamesport-2 reactor	NT2	paluel-4 reactor
NT2	daya bay-1 reactor	NT2	kewaunee reactor	NT2	pat reactor
NT2	daya bay-2 reactor	NT2	klt-40 reactors	NT2	pebble springs-1 reactor
NT2	diablo canyon-1 reactor	NT2	klt-40m reactors	NT2	pebble springs-2 reactor
NT2	diablo canyon-2 reactor	NT2	klt-40s reactor	NT2	penly-1 reactor
NT2	doel-1 reactor	NT2	koeberg-1 reactor	NT2	penly-2 reactor
NT2	doel-2 reactor	NT2	koeberg-2 reactor	NT2	penly-3 reactor
NT2	doel-3 reactor	NT2	kori-1 reactor	NT2	perkins-1 reactor
NT2	doel-4 reactor	NT2	kori-2 reactor	NT2	perkins-2 reactor
NT2	efdr-50 reactor	NT2	kori-3 reactor	NT2	perkins-3 reactor
NT2	emsland reactor	NT2	kori-4 reactor	NT2	philippsburg-2 reactor
NT2	erie-1 reactor	NT2	krsko reactor	NT2	pilgrim-2 reactor
NT2	erie-2 reactor	NT2	lemoniz-1 reactor	NT2	pilgrim-3 reactor
NT2	fangchenggang-1 reactor	NT2	lemoniz-2 reactor	NT2	pm-2a reactor
NT2	fangchenggang-2 reactor	NT2	lenin reactor	NT2	pm-3a reactor
NT2	fangjiashan-1 reactor	NT2	leonid brezhnev reactor	NT2	pnpp-1 reactor
NT2	fangjiashan-2 reactor	NT2	lingao-1 reactor	NT2	point beach-1 reactor
NT2	farley-1 reactor	NT2	lingao-2 reactor	NT2	point beach-2 reactor
NT2	farley-2 reactor	NT2	lingao-3 reactor	NT2	prairie island-1 reactor
NT2	fessenheim-1 reactor	NT2	lingao-4 reactor	NT2	prairie island-2 reactor
NT2	fessenheim-2 reactor	NT2	loft reactor	NT2	qinshan-1 reactor
NT2	flamanville-1 reactor	NT2	lucie-1 reactor	NT2	qinshan-2-1 reactor
NT2	flamanville-2 reactor	NT2	lucie-2 reactor	NT2	qinshan-2-2 reactor
NT2	flamanville-3 reactor	NT2	maanshan-1 reactor	NT2	qinshan-2-3 reactor
NT2	forked river-1 reactor	NT2	maanshan-2 reactor	NT2	qinshan-2-4 reactor
NT2	fuqing-1 reactor	NT2	maine yankee reactor	NT2	quanicassee-1 reactor
NT2	fuqing-2 reactor	NT2	malibu-1 reactor	NT2	quanicassee-2 reactor
NT2	fuqing-3 reactor	NT2	marble hill-1 reactor	NT2	rancho seco-1 reactor
NT2	fuqing-4 reactor	NT2	marble hill-2 reactor	NT2	remerschen reactor
NT2	fuqing-5 reactor	NT2	mc guire-1 reactor	NT2	rheinsberg akw1 reactor
NT2	fuqing-6 reactor	NT2	mc guire-2 reactor	NT2	ringhals-2 reactor
NT2	genkai-1 reactor	NT2	mh-1a reactor	NT2	ringhals-3 reactor
NT2	genkai-2 reactor	NT2	midland-1 reactor	NT2	ringhals-4 reactor
NT2	genkai-3 reactor	NT2	midland-2 reactor	NT2	robinson-2 reactor
NT2	genkai-4 reactor	NT2	mihama-1 reactor	NT2	rooppur reactor
NT2	ginna-1 reactor	NT2	mihama-2 reactor	NT2	rowe yankee reactor
NT2	goesgen reactor	NT2	mihama-3 reactor	NT2	s1c prototype reactor
NT2	golfech-1 reactor	NT2	millstone-2 reactor	NT2	saint alban-1 reactor
NT2	golfech-2 reactor	NT2	millstone-3 reactor	NT2	saint alban-2 reactor
NT2	grafenrheinfeld reactor	NT2	muelheim-kaerlich reactor	NT2	saint laurent-b1 reactor
NT2	gravelines-1 reactor	NT2	mutsu reactor	NT2	saint laurent-b2 reactor
NT2	gravelines-2 reactor	NT2	nekar-1 reactor	NT2	salem-1 reactor
NT2	gravelines-3 reactor	NT2	nekar-2 reactor	NT2	salem-2 reactor
NT2	gravelines-4 reactor	NT2	nep-1 reactor	NT2	san onofre-1 reactor

NT2 san onofre-2 reactor
 NT2 san onofre-3 reactor
 NT2 savannah reactor
 NT2 saxton reactor
 NT2 seabrook-1 reactor
 NT2 seabrook-2 reactor
 NT2 selni reactor
 NT2 sendai-1 reactor
 NT2 sendai-2 reactor
 NT2 sequoyah-1 reactor
 NT2 sequoyah-2 reactor
 NT2 shin-kori-1 reactor
 NT2 shin-kori-2 reactor
 NT2 shin-kori-3 reactor
 NT2 shin-wolsong-1 reactor
 NT2 shippingport reactor
 NT2 sizewell-b reactor
 NT2 sm-1 reactor
 NT2 sm-1a reactor
 NT2 south texas project-1 reactor
 NT2 south texas project-2 reactor
 NT2 stade reactor
 NT2 sterling-1 reactor
 NT2 sterling-2 reactor
 NT2 summer-1 reactor
 NT2 sundesert-1 reactor
 NT2 sundesert-2 reactor
 NT2 surry-1 reactor
 NT2 surry-2 reactor
 NT2 surry-3 reactor
 NT2 surry-4 reactor
 NT2 takahama-1 reactor
 NT2 takahama-2 reactor
 NT2 takahama-3 reactor
 NT2 takahama-4 reactor
 NT2 three mile island-1 reactor
 NT2 three mile island-2 reactor
 NT2 tihange-2 reactor
 NT2 tihange-3 reactor
 NT2 tihange reactor
 NT2 tomari-1 reactor
 NT2 tomari-2 reactor
 NT2 tomari-3 reactor
 NT2 tricastin-1 reactor
 NT2 tricastin-2 reactor
 NT2 tricastin-3 reactor
 NT2 tricastin-4 reactor
 NT2 trillo-1 reactor
 NT2 trojan reactor
 NT2 tsuruga-2 reactor
 NT2 turkey point-3 reactor
 NT2 turkey point-4 reactor
 NT2 tva-1 reactor
 NT2 tva-2 reactor
 NT2 tyrone-1 reactor
 NT2 tyrone-2 reactor
 NT2 ulchin-1 reactor
 NT2 ulchin-2 reactor
 NT2 ulchin-3 reactor
 NT2 ulchin-4 reactor
 NT2 ulchin-5 reactor
 NT2 ulchin-6 reactor
 NT2 unterweser reactor
 NT2 vahnum-1 reactor
 NT2 vahnum-2 reactor
 NT2 vandellos-2 reactor
 NT2 vogtle-1 reactor
 NT2 vogtle-2 reactor
 NT2 vogtle-3 reactor
 NT2 vogtle-4 reactor
 NT2 waterford-3 reactor
 NT2 waterford-4 reactor
 NT2 watts bar-1 reactor
 NT2 watts bar-2 reactor
 NT2 westinghouse standard reactor
 NT2 wnp-1 reactor
 NT2 wnp-3 reactor
 NT2 wnp-4 reactor
 NT2 wnp-5 reactor

NT2 wolf creek-1 reactor
 NT2 wup-3 reactor
 NT2 wup-4 reactor
 NT2 wup-5 reactor
 NT2 wup-6 reactor
 NT2 wwer type reactors
 NT3 armenian-1 reactor
 NT3 armenian-2 reactor
 NT3 balakovo-1 reactor
 NT3 balakovo-2 reactor
 NT3 balakovo-3 reactor
 NT3 balakovo-4 reactor
 NT3 blahutovice-1 reactor
 NT3 bohunice v-1 reactor
 NT3 bohunice v-2 reactor
 NT3 dukovany-1 reactor
 NT3 dukovany-2 reactor
 NT3 dukovany-3 reactor
 NT3 dukovany-4 reactor
 NT3 greifswald-1 reactor
 NT3 greifswald-2 reactor
 NT3 greifswald-3 reactor
 NT3 greifswald-4 reactor
 NT3 greifswald-5 reactor
 NT3 greifswald-6 reactor
 NT3 juragua-1 reactor
 NT3 kalinin-1 reactor
 NT3 kalinin-2 reactor
 NT3 kalinin-3 reactor
 NT3 kalinin-4 reactor
 NT3 kecerovce-1 reactor
 NT3 khmel'nitskij-1 reactor
 NT3 khmel'nitskij-2 reactor
 NT3 kola-1 reactor
 NT3 kola-2 reactor
 NT3 kola-3 reactor
 NT3 kola-4 reactor
 NT3 kozloduy-1 reactor
 NT3 kozloduy-2 reactor
 NT3 kozloduy-3 reactor
 NT3 kozloduy-4 reactor
 NT3 kozloduy-5 reactor
 NT3 kozloduy-6 reactor
 NT3 kudankulam-1 reactor
 NT3 kudankulam-2 reactor
 NT3 loviisa-1 reactor
 NT3 loviisa-2 reactor
 NT3 mochovce-1 reactor
 NT3 mochovce-2 reactor
 NT3 novovoronezh-1 reactor
 NT3 novovoronezh-2 reactor
 NT3 novovoronezh-3 reactor
 NT3 novovoronezh-4 reactor
 NT3 novovoronezh-5 reactor
 NT3 paks-1 reactor
 NT3 paks-2 reactor
 NT3 paks-3 reactor
 NT3 paks-4 reactor
 NT3 rostov-1 reactor
 NT3 rostov-2 reactor
 NT3 rostov-3 reactor
 NT3 rovno-1 reactor
 NT3 rovno-2 reactor
 NT3 rovno-3 reactor
 NT3 rovno-4 reactor
 NT3 rovno-5 reactor
 NT3 south ukrainian-1 reactor
 NT3 south ukrainian-2 reactor
 NT3 south ukrainian-3 reactor
 NT3 stendal-1 reactor
 NT3 tatarian reactor
 NT3 temelin-1 reactor
 NT3 temelin-2 reactor
 NT3 tianwan-1 reactor
 NT3 tianwan-2 reactor
 NT3 zaporozhe-1 reactor
 NT3 zaporozhe-2 reactor
 NT3 zaporozhe-3 reactor
 NT3 zaporozhe-4 reactor

NT3 zaporozhe-5 reactor
 NT3 zaporozhe-6 reactor
 NT2 wyhl-1 reactor
 NT2 wyhl-2 reactor
 NT2 yangjiang-1 reactor
 NT2 yangjiang-2 reactor
 NT2 yangjiang-3 reactor
 NT2 yangjiang-4 reactor
 NT2 yellow creek-1 reactor
 NT2 yellow creek-2 reactor
 NT2 zion-1 reactor
 NT2 zion-2 reactor
 NT2 zorita-1 reactor
 NT1 r-2 reactor
 NT1 ra-5 reactor
 NT1 rake-2 reactor
 NT1 rg-1m reactor
 NT1 rp-0 reactor
 NT1 safari-1 reactor
 NT1 sm-1 subcritical assembly
 NT1 sm-2 reactor
 NT1 spert-1 reactor
 NT1 spert-2 reactor
 NT1 spert-3 reactor
 NT1 sr-1 reactor
 NT1 sr-0a reactor
 NT1 tca reactor
 NT1 triga type reactors
 NT2 afri reactor
 NT2 atrp reactor
 NT2 colorado triga-mk-3 reactor
 NT2 cornell triga-mk-2 reactor
 NT2 dow triga-mk-1 reactor
 NT2 fir-1 reactor
 NT2 frf-2 reactor
 NT2 frn reactor
 NT2 gulf triga-mk-3 reactor
 NT2 itu-trr reactor
 NT2 kartini-ppny reactor
 NT2 lopra reactor
 NT2 ma-r1 reactor
 NT2 nscr reactor
 NT2 ostr reactor
 NT2 prpr reactor
 NT2 psbr reactor
 NT2 rtp reactor
 NT2 trico ii reactor
 NT2 trico reactor
 NT2 triga-1-arizona reactor
 NT2 triga-1-california reactor
 NT2 triga-1-hanford reactor
 NT2 triga-1-hanover reactor
 NT2 triga-1-heidelberg reactor
 NT2 triga-1-michigan reactor
 NT2 triga-2-bandung reactor
 NT2 triga-2-bangladesh reactor
 NT2 triga-2-dalat reactor
 NT2 triga-2-illinois reactor
 NT2 triga-2-kansas reactor
 NT2 triga-2-ljubljana reactor
 NT2 triga-2-mainz reactor
 NT2 triga-2-musashi reactor
 NT2 triga-2-pavia reactor
 NT2 triga-2-pitesti reactor
 NT2 triga-2-pitesti-ss-core reactor
 NT2 triga-2 reactor
 NT2 triga-2-rikkio reactor
 NT2 triga-2-rome reactor
 NT2 triga-2-seoul reactor
 NT2 triga-2-vienna reactor
 NT2 triga-3-la jolla reactor
 NT2 triga-3-munich reactor
 NT2 triga-3-salazar reactor
 NT2 triga-3-seoul reactor
 NT2 triga-brazil reactor
 NT2 triga-texas reactor
 NT2 triga-veterans reactor
 NT2 ucbr reactor
 NT2 uwnr reactor

NT2 wsur reactor
 NT1 tsr-2 reactor
 NT1 twmr reactor
 NT1 voronezh ast-500 reactor
 NT1 wntr reactor
 NT1 wtr reactor
 NT1 wwr type reactors
 NT2 budapest training reactor
 NT2 irt-1 libya reactor
 NT2 irt-baghdad reactor
 NT2 lvr-15 reactor
 NT2 wwr-2 reactor
 NT2 wwr-k-almaty reactor
 NT2 wwr-k cf reactor
 NT2 wwr-m-kiev reactor
 NT2 wwr-m-leningrad reactor
 NT2 wwr-s-bucharest reactor
 NT2 wwr-s-budapest reactor
 NT2 wwr-s-cairo reactor
 NT2 wwr-s-moscow reactor
 NT2 wwr-s-prague reactor
 NT2 wwr-s-tashkent reactor
 NT2 wwr-sm rossendorf reactor
 NT2 wwr-z reactor
 NT1 zlfr reactor

water moderator

USE water

WATER POLICY

INIS: 1992-04-08; ETDE: 1981-08-04

*BT1 environmental policy
 RT water resources

WATER POLLUTION

For nonradioactive pollution only; for radioactive pollution use CONTAMINATION.

UF thermal pollution (water)
 BT1 pollution
 RT acid mine drainage
 RT buoys
 RT clean water acts
 RT dissolved gases
 RT environmental effects
 RT environmental exposure
 RT eutrophication
 RT fouling
 RT long-range transport
 RT particulates
 RT plumes
 RT point pollutant sources
 RT stationary pollutant sources
 RT waste water
 RT water pollution abatement
 RT water pollution control
 RT water pollution monitors
 RT water quality
 RT water use

WATER POLLUTION ABATEMENT

INIS: 1992-03-11; ETDE: 1976-07-07

The prevention of formation of pollutants at the source.

SF prevention of significant deterioration
 SF psd
 BT1 pollution abatement
 RT ground cover
 RT water pollution
 RT water reclamation

WATER POLLUTION CONTROL

INIS: 1991-08-16; ETDE: 1977-03-04

The removal or management of pollutants after they are formed by a source.

*BT1 pollution control
 RT natural attenuation
 RT oil pollution containment
 RT rotating disk removal systems
 RT sorbent recovery systems
 RT water pollution

RT water treatment plants
 RT water use
 RT weir oil recovery systems

WATER POLLUTION MONITORS

INIS: 1992-01-15; ETDE: 1978-01-23

UF monitors (water pollution)
 *BT1 monitors
 RT chemical effluents
 RT liquid wastes
 RT monitoring
 RT water pollution

WATER PUMPS

INIS: 1993-06-08; ETDE: 1979-03-28

*BT1 pumps
 NT1 solar water pumps

WATER QUALITY

INIS: 1991-08-16; ETDE: 1975-10-28

BT1 environmental quality
 RT clean water acts
 RT gas bubble disease
 RT water pollution
 RT water reclamation
 RT water treatment

WATER RECLAMATION

INIS: 1992-03-11; ETDE: 1981-05-18

RT aesthetics
 RT public health
 RT water pollution abatement
 RT water quality
 RT water resources

WATER REMOVAL

INIS: 1991-08-14; ETDE: 1975-11-28

(Prior to August 1991, this concept was indexed to DEHYDRATION.)

UF dewatering
 BT1 removal
 RT coal preparation
 RT dehydration
 RT dewatering equipment

WATER REQUIREMENTS

INIS: 1982-12-03; ETDE: 1976-07-07

UF water demand
 BT1 demand
 RT drought resistance
 RT water
 RT water resources
 RT water use

WATER RESERVOIRS

UF reservoirs (water)
 BT1 surface waters
 NT1 cooling ponds
 RT aquicludes
 RT dams
 RT energy storage
 RT energy storage systems
 RT fresh water
 RT lakes
 RT pumped storage power plants
 RT reservoir engineering
 RT storage
 RT water resources
 RT water supply
 RT water use

WATER RESOURCES

1992-08-18

(Until January 1983, this concept was indexed by coordination of WATER and RESERVES; and from then until August 1992 by coordination of WATER and RESOURCES.)

BT1 resources
 RT ground water
 RT surface waters
 RT water
 RT water policy

RT water reclamation
 RT water requirements
 RT water reservoirs
 RT water rights
 RT water supply
 RT water use
 RT water wells

WATER RIGHTS

INIS: 1992-08-18; ETDE: 1976-03-22

Rights to the use of water.

RT legal aspects
 RT property rights
 RT water
 RT water resources

WATER SATURATION

INIS: 1992-07-21; ETDE: 1977-01-28

Degree of filling of reservoir pore structure by reservoir water.

BT1 saturation
 RT gas saturation
 RT oil saturation
 RT reservoir rock

water solutions

USE aqueous solutions

WATER SOURCE HEAT PUMPS

INIS: 2000-04-12; ETDE: 1979-07-24

BT1 heat pumps
 RT air conditioning
 RT space heating

WATER SPRINGS

INIS: 2000-01-26; ETDE: 1980-06-06

Places where ground water flows naturally from a rock or the soil onto the land surface or into a body of surface water.

UF springs (water)
 NT1 mineral springs
 NT1 thermal springs
 NT2 hot springs
 NT3 geysers
 NT2 warm springs
 RT ground water
 RT hydrology

WATER SUPPLY

INIS: 1986-05-26; ETDE: 1979-09-26

To be used in the sense of a public utility or other engineered system, e.g. an irrigation system, rather than a natural system.

UF water distribution
 RT plumbing
 RT public utilities
 RT reactor cooling systems
 RT water reservoirs
 RT water resources
 RT water utilities
 RT water wells

WATER TABLES

INIS: 1987-12-03; ETDE: 1980-03-04

RT aquifers
 RT ground water
 RT hydrology

WATER TREATMENT

INIS: 1982-12-07; ETDE: 1976-07-07

NT1 steam stripping
 RT bioreactors
 RT deaerators
 RT dissolved gases
 RT drinking water
 RT waste water
 RT water quality
 RT water treatment plants

WATER TREATMENT PLANTS

INIS: 1992-05-26; ETDE: 1977-08-09

RT water pollution control

RT water treatment

WATER USE

INIS: 1984-02-22; ETDE: 1983-07-20

RT environment
RT external zones
RT irrigation
RT land use
RT regional analysis
RT water pollution
RT water pollution control
RT water requirements
RT water reservoirs
RT water resources

WATER UTILITIES

INIS: 1993-06-02; ETDE: 1981-01-27

BT1 public utilities
RT water supply

WATER VAPOR

*BT1 vapors
RT fog
RT humidity
RT steam
RT transpiration

WATER WALLS

INIS: 2000-04-12; ETDE: 1980-03-04

*BT1 passive solar heating systems
BT1 walls
RT sensible heat storage

WATER WAVES

INIS: 1992-09-08; ETDE: 1976-08-04

BT1 gravity waves
NT1 tsunamis
RT air-water interactions
RT hurricanes
RT internal waves
RT seas
RT storms
RT tide
RT water currents
RT wave energy converters
RT wave forces
RT wave power

WATER WELLS

INIS: 1994-06-27; ETDE: 1981-01-30
(Until June 1994 this concept was indexed by WELLS.)

BT1 wells
RT water resources
RT water supply

WATER WHEELS

INIS: 2000-04-12; ETDE: 1980-02-11

UF waterwheels
BT1 wheels
RT hydraulic turbines
RT hydroelectric power plants

waterborne particles

INIS: 1991-08-14; ETDE: 1981-09-08
USE particulates

waterborne particulates

INIS: 1991-08-14; ETDE: 2002-05-24
USE particulates

WATERFLOODING

INIS: 1992-07-10; ETDE: 1976-03-11
Method of pressure maintenance and secondary recovery in which water is injected through input (injection) wells to drive oil to the production wells.
SF polymer flooding
BT1 fluid injection
NT1 caustic flooding
RT petroleum
RT well stimulation

WATERFORD-3 REACTOR

Entergy Operations, Inc., Taft, Louisiana, USA.

*BT1 pwr type reactors

WATERFORD-4 REACTOR

Taft, Louisiana, USA. Unit never ordered.
*BT1 pwr type reactors

WATERPROOFING

INIS: 1999-10-08; ETDE: 1977-01-28

RT coatings
RT films
RT protective coatings
RT sealing materials
RT seals
RT surface coating
RT surface properties
RT surface treatments
RT wettability

WATERSHEDS

INIS: 1997-06-19; ETDE: 1976-04-19
The drainage areas or catchment basins of streams.

UF catchment basins
NT1 colorado river basin
NT1 columbia river basin
NT2 pasco basin
NT1 connecticut river basin
NT1 great lakes basin
NT1 mississippi river basin
NT1 missouri river basin
NT1 monongahela river basin
NT1 north platte river basin
NT1 piceance creek basin
NT1 potomac river basin
NT1 powder river basin
NT1 tennessee valley region
NT1 yellow creek basin
RT complex terrain
RT drainage
RT imperial valley
RT land use
RT rivers
RT runoff
RT streams
RT surface waters
RT valleys

waterwall furnaces

INIS: 2000-04-12; ETDE: 1981-06-13
USE waterwall incinerators

WATERWALL INCINERATORS

INIS: 2000-04-12; ETDE: 1981-06-13

UF waterwall furnaces
BT1 incinerators
RT steam generators

waterwheels

INIS: 2000-04-12; ETDE: 1980-02-11
USE water wheels

watson method

USE sommerfeld-watson theory

watt distribution

USE watt fission spectrum

watt fission source

USE watt fission spectrum

WATT FISSION SPECTRUM

UF watt distribution
UF watt fission source
*BT1 neutron spectra
RT fission
RT prompt neutrons
RT thermal fission
RT thermal neutrons

watt-hour meters

INIS: 1992-07-22; ETDE: 1978-01-23
USE power meters

WATT POWER RANGE

INIS: 1988-04-15; ETDE: 1989-08-10
BT1 power range
NT1 power range 01-10 w
NT1 power range 10-100 w
NT1 power range 100-1000 w

wattage

INIS: 1985-01-18; ETDE: 1977-09-19
USE power input

WATTS BAR-1 REACTOR

TVA, Spring City, Tennessee, USA.
*BT1 pwr type reactors

WATTS BAR-2 REACTOR

TVA, Spring City, Tennessee, USA.
Indefinitely deferred; construction stopped in early 1990s.
*BT1 pwr type reactors

WAVE ENERGY CONVERTERS

1992-09-25
Devices for converting energy of water waves.
RT energy conversion
RT seas
RT water waves

WAVE EQUATIONS

INIS: 1982-10-29; ETDE: 1976-09-14
*BT1 partial differential equations
NT1 dirac equation
NT2 dirac spinors
NT1 klein-gordon equation
NT1 majorana equation
NT1 schroedinger equation
RT rarita-schwinger theory

WAVE FORCES

INIS: 2000-04-12; ETDE: 1977-03-08
Forces exerted on mechanical structures by waves.
RT storms
RT water waves
RT wave power

WAVE FORMS

UF waveforms
RT electromagnetic radiation
RT polarization
RT wave propagation

WAVE FUNCTIONS

BT1 functions
RT brillouin theorem
RT eigenfunctions
RT fractional-parentage coefficients
RT hidden variables
RT hybridization
RT muffin-tin potential
RT projection operators
RT quantum entanglement
RT quantum states
RT quantum wells
RT schroedinger equation
RT slater method
RT sudden approximation

WAVE PACKETS

RT wave propagation

WAVE POWER

1982-12-07
BT1 power
*BT1 renewable energy sources
RT water waves
RT wave forces

WAVE PROPAGATION

1996-07-08

(Prior to August 1996 STAPP THEORY was a valid ETDE descriptor.)

- UF propagation (wave)
- SF stapp theory
- SF stapp-ypsantis-metropolis theory
- RT amplitudes
- RT bifurcation
- RT fermat principle
- RT huygens principle
- RT interference
- RT internal waves
- RT mode control
- RT mode conversion
- RT phase velocity
- RT plasma surface waves
- RT polarization
- RT refraction
- RT refractive index
- RT standing waves
- RT travelling waves
- RT wave forms
- RT wave packets
- RT wavelengths
- RT zero sound

waveforms

INIS: 2000-04-12; ETDE: 1983-05-21

- USE wave forms

WAVEGUIDES

- NT1 helical waveguides
- RT cyclic accelerators
- RT electrical equipment
- RT gratings
- RT microwave equipment
- RT standing waves
- RT travelling waves

wavelength dependence

INIS: 1984-04-04; ETDE: 2002-05-24

- USE frequency dependence

WAVELENGTHS

INIS: 1998-02-26; ETDE: 1975-09-12

If the frequency of the wave is known, see the descriptor for the specific frequency range listed under FREQUENCY RANGE.

(Prior to July 1986 FREQUENCY RANGE was used for this concept.)

- NT1 de broglie wavelength
- RT frequency range
- RT infrared radiation
- RT standing waves
- RT wave propagation

waves (shock)

- USE shock waves

waves (standing)

- USE standing waves

waves (travelling)

- USE travelling waves

waw

INIS: 1988-02-02; ETDE: 2002-05-24

- USE wackersdorf reprocessing plant

WAXES

1997-06-17

- UF montan waxes
- UF santowax
- *BT1 other organic compounds
- NT1 carbowax
- NT1 paraffin
- RT dewaxing

way of life

INIS: 2000-04-05; ETDE: 1978-11-14

(From November 1978 till March 1997 LIFE STYLES and QUALITY OF LIFE were valid ETDE descriptors.)

- SEE behavior
- SEE standard of living

way-wigner formula

1996-07-15

(Until June 1996 this was a valid descriptor.)

- SEE beta decay

waz 16

INIS: 2000-04-12; ETDE: 1979-08-09

- USE nickel base alloys

weak boson

2000-03-29

- SEE intermediate vector bosons

WEAK CHARGED CURRENTS

INIS: 1976-08-17; ETDE: 1976-11-01

- *BT1 charged currents
- RT weak neutral currents

WEAK-COUPPLING MODEL

- *BT1 nuclear models
- RT coupling
- RT particle-hole model
- RT shell models
- RT strong-coupling model

WEAK HADRONIC DECAY

INIS: 1978-02-23; ETDE: 1978-05-01

Decay of hadrons due to weak interactions.

- UF non-leptonic decay
- UF nonleptonic decay
- *BT1 weak particle decay
- RT semileptonic decay
- RT weak interactions

WEAK INTERACTIONS

1996-07-18

(Prior to March 1997 FEINBERG-PAIS THEORY was a valid ETDE descriptor.)

- SF feinberg-pais theory
- SF peratization procedure
- *BT1 fundamental interactions
- NT1 fermi interactions
- NT1 leptonic decay
- RT cabibbo angle
- RT charged currents
- RT electron-quark interactions
- RT goldberger-treiman relation
- RT grand unified theory
- RT lepton-hadron interactions
- RT lepton-lepton interactions
- RT neutral currents
- RT neutrino oscillation
- RT photon-lepton interactions
- RT second-class currents
- RT standard model
- RT weak hadronic decay
- RT weak neutral currents
- RT weak particle decay
- RT weinberg angle

WEAK NEUTRAL CURRENTS

1995-08-10

- *BT1 neutral currents
- RT weak charged currents
- RT weak interactions
- RT weyl unified theory

WEAK PARTICLE DECAY

INIS: 1978-02-23; ETDE: 1978-05-01

- *BT1 particle decay
- NT1 leptonic decay
- NT1 semileptonic decay
- NT1 weak hadronic decay

- RT radiative decay
- RT weak interactions

weakly cemented formations

2009-12-21

- USE unconsolidated rock

weakly interacting massive particles

2013-11-07

- USE wimps

WEAKLY IONIZED GASES

Ionization factor under 10(-4).

- *BT1 ionized gases

WEAPONS

INIS: 2000-04-12; ETDE: 1975-12-16

- NT1 biological warfare agents
- NT1 bombs
- NT1 chemical warfare agents
- NT1 directed-energy weapons
- NT2 laser weapons
- NT1 nuclear weapons
- NT2 enhanced radiation weapons
- NT2 little boy
- NT1 radiological dispersal devices
- RT ammunition
- RT arms control
- RT penetrators

WEAR

- RT abrasion
- RT bearings
- RT erosion
- RT friction
- RT gears
- RT grinding
- RT mechanical tests
- RT rolling friction
- RT tribology
- RT wear resistance

WEAR RESISTANCE

- SF durability
- BT1 mechanical properties
- RT gears
- RT wear

WEATHER

- RT atmospheric precipitations
- RT climates
- RT clouds
- RT droughts
- RT forecasting
- RT frost
- RT hail
- RT hurricanes
- RT meteorology
- RT natural disasters
- RT seasons
- RT storms
- RT tornadoes
- RT wind

WEATHERING

INIS: 1999-01-21; ETDE: 1976-02-19

Physical disintegration and chemical decomposition (as of earthy and rocky materials) on exposure to atmospheric agents.

- RT aging
- RT corrosion
- RT decomposition

WEATHERIZATION

INIS: 1997-06-19; ETDE: 1979-07-18

Protection from the effects of weather.

- SF caulking
- RT buildings
- RT storm doors
- RT storm windows
- RT thermal insulation
- RT weatherstripping

WEATHERSTRIPPING

INIS: 2000-04-12; ETDE: 1977-06-21

- BT1 materials
- RT air infiltration
- RT gaskets
- RT thermal insulation
- RT weatherization

web growth method

INIS: 2000-04-12; ETDE: 1980-02-11

- USE dendritic web growth method

WEBSITES

2006-11-29

- BT1 document types

wecs

INIS: 1991-08-16; ETDE: 1981-08-04

Wind energy conversion systems.

- USE wind turbines

WEDDELL SEA

INIS: 1992-06-04; ETDE: 1984-08-06

An arm of the southern Atlantic Ocean in Antarctica.

- *BT1 antarctic ocean
- *BT1 atlantic ocean

WEEDS

- BT1 plants
- RT gramineae
- RT herbicides

weevils

- USE beetles

wega device

INIS: 1977-06-13; ETDE: 2002-05-24

- USE wega stellarator

WEGA STELLARATOR

- UF wega device
- UF wega tokamak
- *BT1 stellarators
- RT tokamak devices

wega tokamak

INIS: 1977-06-13; ETDE: 2002-05-24

- USE wega stellarator

WEIERSTRASS FUNCTIONS

INIS: 2000-04-12; ETDE: 1976-01-23

- BT1 functions
- RT mathematics

weighing

(From February 1978 till March 1997 WEIGHT MEASUREMENT was used for this concept in ETDE.)

- USE weight

WEIGHT

(From February 1978 till March 1997 WEIGHT MEASUREMENT was a valid ETDE descriptor.)

- UF weighing
- UF weight measurement
- RT density
- RT mass
- RT molecular weight
- RT weight indicators

WEIGHT INDICATORS

- BT1 measuring instruments
- NT1 balances
- NT2 microbalances
- RT densimeters
- RT weight

weight measurement

INIS: 2000-04-12; ETDE: 1978-02-14
(Prior to March 1997 this was a valid ETDE descriptor.)

- USE weight

WEIGHTING FUNCTIONS

- BT1 functions
- RT kriging
- RT statistics

WEIGHTLESSNESS

INIS: 1999-07-30; ETDE: 1981-12-21

- UF zero gravity
- RT gravitation
- RT space flight

WEIL EQUATION

- BT1 equations
- RT spin

WEINBERG ANGLE

INIS: 1995-08-10; ETDE: 1985-07-23

A parameter in the standard model of the electroweak interaction that is used to describe neutral-current weak interactions.

- UF electroweak mixing angle
- BT1 mixing angle
- RT charged-current interactions
- RT intermediate vector bosons
- RT mixing ratio
- RT neutral-current interactions
- RT standard model
- RT weak interactions

weinberg lepton model

1995-08-10

(Until July 1995 this was a valid term.)

- USE weinberg-salam gauge model

weinberg model

1995-08-10

(Prior to November 1995 WEINBERG LEPTON MODEL was used for this concept in ETDE.)

- USE weinberg-salam gauge model

WEINBERG-SALAM GAUGE MODEL

INIS: 1995-08-10; ETDE: 1976-10-13

(Until July 1995 this concept was indexed by WEINBERG LEPTON MODEL.)

- UF electroweak interaction model
- UF electroweak model
- UF salam-weinberg gauge model
- UF standard electroweak model
- UF weinberg lepton model
- UF weinberg model
- *BT1 unified field theories
- *BT1 unified gauge models
- RT grand unified theory
- RT quantum flavordynamics
- RT standard model

WEIR OIL RECOVERY SYSTEMS

INIS: 2000-04-12; ETDE: 1978-01-23

- *BT1 pollution control equipment
- RT oil spills
- RT water pollution control

WEISSENBERG METHOD

- RT rotating crystal method

WEISSKOPF MODEL

- *BT1 evaporation model

weizsaecker-fermi formula

- USE weizsaecker formula

WEIZSAECKER FORMULA

- UF bethe-weizsaecker relation
- UF weizsaecker-fermi formula

- RT liquid drop model
- RT mass number

WELDABILITY

- RT welding

WELDED JOINTS

(From January 1975 until March 1996 LAP WELDS was a valid ETDE descriptor.)

- UF butt welds
- UF lap welds
- UF seam welds
- UF spot welds
- UF welds
- BT1 joints
- RT welding

WELDING

All endothermic processes for material joining.

- UF fusion (welding)
- UF seam welding
- UF spot welding
- UF stud welding
- *BT1 joining
- NT1 arc welding
- NT2 gas metal-arc welding
- NT3 gas tungsten-arc welding
- NT2 plasma arc welding
- NT2 shielded metal-arc welding
- NT2 submerged arc welding
- NT1 brazing
- NT1 diffusion welding
- NT1 electron beam welding
- NT1 electroslag welding
- NT1 explosion welding
- NT1 forge welding
- NT1 friction welding
- NT1 gas welding
- NT1 induction welding
- NT1 laser welding
- NT1 magnetic force welding
- NT1 resistance welding
- NT2 flash welding
- NT1 soldering
- NT1 ultrasonic welding
- NT1 vacuum welding
- RT filler metals
- RT heat affected zone
- RT melting
- RT metallurgical flux
- RT self-welding
- RT thermite process
- RT weldability
- RT welded joints
- RT welding machines
- RT welding rods

welding fluxes

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE metallurgical flux

WELDING MACHINES

- RT welding
- RT welding rods

WELDING RODS

- RT welding
- RT welding machines

welds

- USE welded joints

well bore damage

INIS: 2000-04-12; ETDE: 1983-01-21

- USE formation damage

WELL CASINGS

1992-05-26

- UF casings (well)
- BT1 equipment

RT cementing
RT pipes
RT wells

WELL COMPLETION

INIS: 1992-09-03; ETDE: 1976-03-11

Final sealing-off of a drilled well, after drilling apparatus is removed, with valving, safety, and flow-control devices.

RT cementing
RT grouting
RT hydraulic equipment
RT natural gas wells
RT oil wells
RT perforation
RT propping agents
RT sand consolidation
RT well drilling
RT wellheads

WELL DRILLING

1992-02-21

BT1 drilling
RT cuttings removal
RT directional drilling
RT drilling equipment
RT drilling rigs
RT drills
RT exploratory wells
RT geothermal wells
RT hydraulic equipment
RT mwd systems
RT rock drilling
RT rotary drilling
RT rotary drills
RT spark drills
RT well completion
RT wells

WELL INJECTION EQUIPMENT

INIS: 2000-04-12; ETDE: 1984-03-19

*BT1 field production equipment
RT natural gas fields
RT natural gas wells
RT oil fields
RT oil wells

WELL LOGGING

Detailed recording of a physical property of a well or borehole as a function of depth.

UF hydrocarbon logging
NT1 caliper logging
NT1 chemical logging
NT1 dipmeter logging
NT1 electric logging
NT2 induced polarization logging
NT2 induction logging
NT2 resistivity logging
NT2 sp logging
NT1 gravity logging
NT1 nuclear magnetic logging
NT1 production logging
NT1 radioactivity logging
NT2 gamma-gamma logging
NT2 gamma logging
NT2 neutron logging
NT3 neutron-gamma logging
NT3 neutron-neutron logging
NT2 radioactive tracer logging
NT2 x-ray fluorescence logging
NT1 sonic logging
NT1 temperature logging
RT boreholes
RT borescopes
RT drill cores
RT geophysical surveys
RT mwd systems
RT well logging equipment

WELL LOGGING EQUIPMENT

INIS: 1980-04-02; ETDE: 1979-03-27

Limited to equipment based on nuclear techniques or used in exploration of materials of nuclear interest.

BT1 equipment
RT geothermal exploration
RT mwd systems
RT natural gas deposits
RT petroleum deposits
RT probes
RT radiation detectors
RT radiation sources
RT well logging

well maintenance

INIS: 1992-03-05; ETDE: 1981-05-18

USE well servicing

WELL PRESSURE

INIS: 2000-01-24; ETDE: 1978-08-08

UF bottom-hole pressure
BT1 reservoir pressure
RT geothermal wells
RT natural gas wells

well reconditioning

INIS: 1992-03-05; ETDE: 1981-05-18

USE well servicing

WELL RECOVERY EQUIPMENT

INIS: 2000-04-12; ETDE: 1984-03-19

*BT1 field production equipment
RT natural gas fields
RT natural gas wells
RT oil fields
RT oil wells

WELL SERVICING

INIS: 1992-03-05; ETDE: 1981-05-18

UF well maintenance
UF well reconditioning
RT natural gas wells
RT oil wells
RT scrapers
RT well stimulation

well shooting

INIS: 2000-04-12; ETDE: 1977-01-28

USE explosive stimulation

well skin effect

INIS: 2000-04-12; ETDE: 1983-01-21

USE formation damage

WELL SPACING

INIS: 2000-04-12; ETDE: 1976-07-07

Area location and interrelationship between wells, such as producing oil, natural gas, or geothermal wells in a field or wells used for radioactive wastes; may be calculated for the maximum ultimate production from a given reservoir.

RT geothermal fields
RT natural gas fields
RT oil fields

WELL STIMULATION

1999-04-16

One of the techniques to increase oil or gas reservoir production such as acidizing, fracturing, controlled underground explosions, or various cleaning techniques.

BT1 stimulation
NT1 explosive stimulation
RT acidization
RT carbon dioxide injection
RT displacement fluids
RT enhanced recovery
RT fluid injection
RT fracturing fluids

RT gas injection
RT hydraulic fracturing
RT microemulsion flooding
RT microemulsions
RT natural gas wells
RT oil wells
RT steam injection
RT waterflooding
RT well servicing

WELL TEMPERATURE

INIS: 1992-07-21; ETDE: 1978-12-11

BT1 reservoir temperature
RT temperature measurement

WELLHEAD PRICES

INIS: 1992-04-09; ETDE: 1979-06-06

Prices paid at the wellhead for gas or oil produced.

BT1 prices
RT natural gas wells
RT oil wells

WELLHEADS

INIS: 1992-04-09; ETDE: 1977-01-28

UF christmas trees
*BT1 field production equipment
RT geothermal wells
RT natural gas wells
RT oil wells
RT well completion

WELLMAN-GALUSHA PROCESS

2000-04-12

Crushed coal and oxygen-steam mixture are introduced through revolving grate at bottom of gasifier available with or without agitator. Raw gas of 270 btu/scf is produced.

*BT1 coal gasification

WELLMAN-INCANDESCENT PROCESS

INIS: 2000-04-12; ETDE: 1978-04-27

This two-stage gasifier is nearly identical to the IFE two-stage gasifier that was commercially available until the late 1950's from the International Furnace Equipment Co. Ltd.

*BT1 coal gasification
RT gas generators

wellman-lord process

2000-04-12

USE w-l sulfur dioxide recovery process

WELLS

1976-05-07

NT1 abandoned wells
NT1 disposal wells
NT1 dry holes
NT1 exploratory wells
NT1 gas condensate wells
NT1 geothermal wells
NT1 injection wells
NT1 natural gas wells
NT1 oil wells
NT1 water wells
RT blowouts
RT boreholes
RT drilling
RT formation damage
RT perforation
RT well casings
RT well drilling

welton method

USE feynman method

WENDELL-AMEDEE HOT SPRINGS

INIS: 2000-04-12; ETDE: 1985-12-13

BT1 kgra
RT california

RT geothermal fields

WENDELSTEIN-2B STELLARATOR

INIS: 1976-07-06; ETDE: 1976-08-25

SF w stellarators

*BT1 stellarators

WENDELSTEIN-7 STELLARATOR

SF w stellarators

*BT1 stellarators

WENDS

INIS: 1979-12-20; ETDE: 1980-01-24

World ENergy Data System.

UF world energy data system

BT1 information systems

RT energy policy

WENRA

INIS: 1999-04-28; ETDE: 1999-05-03

Western European Nuclear Regulators Association.

BT1 international organizations

wentzel-kramers-brillouin approximation

USE wkb approximation

west coast

INIS: 1992-06-04; ETDE: 1979-12-10

(Prior to December 1991 this was a valid ETDE descriptor.)

USE us west coast

west germany

INIS: 2000-04-12; ETDE: 1979-05-25

USE federal republic of germany

WEST INDIES

BT1 islands

NT1 bahama islands

NT1 greater antilles

NT2 cuba

NT2 hispaniola

NT3 dominican republic

NT3 haiti

NT2 jamaica

NT2 puerto rico

NT1 lesser antilles

NT2 antigua and barbuda

NT2 barbados

NT2 grenada

NT2 martinique

NT2 netherlands antilles

NT2 saint kitts and nevis

NT2 trinidad and tobago

NT2 virgin islands

NT1 saint lucia

NT1 saint vincent and the grenadines

RT caribbean sea

RT latin america

WEST VALLEY PROCESSING PLANT

*BT1 fuel reprocessing plants

WEST VALLEY UF6 FACILITY

INIS: 1985-07-19; ETDE: 1976-08-24

*BT1 feed materials plants

WEST VIRGINIA

*BT1 usa

RT monongahela river basin

RT ohio river

RT potomac river

RT potomac river basin

WESTERN AREA POWER ADMINISTRATION

INIS: 1996-07-16; ETDE: 1980-03-29

UF wapa

*BT1 us doe

RT electric power

WESTERN AUSTRALIA

*BT1 australia

RT yeellirrie deposit

WESTERN EUROPE

INIS: 1995-04-03; ETDE: 1993-08-31

(Prior to July 1991 this was a valid ETDE descriptor. From July 1991 to August 1993 this concept was indexed to EUROPE in ETDE.)

BT1 europe

NT1 austria

NT1 belgium

NT1 federal republic of germany

NT1 france

NT2 reunion island

NT1 greece

NT1 holy see

NT1 iceland

NT1 ireland

NT1 italy

NT2 appennines

NT2 sicily

NT1 luxembourg

NT1 malta

NT1 monaco

NT1 netherlands

NT1 portugal

NT2 azores islands

NT1 san marino

NT1 scandinavia

NT2 denmark

NT2 finland

NT2 norway

NT2 sweden

NT1 spain

NT2 canary islands

NT1 switzerland

NT1 united kingdom

western new york nuclear research reactor

1993-11-10

USE pulstar-buffalo reactor

western region

INIS: 2000-04-12; ETDE: 1978-07-06

(Prior to June 1982 this was a valid ETDE descriptor.)

USE usa

WESTERN US OVERTHRUST BELT

INIS: 2000-04-12; ETDE: 1982-07-27

UF overthrust belt

UF rocky mountain overthrust belt

RT idaho

RT montana

RT natural gas deposits

RT petroleum deposits

RT utah

RT wyoming

WESTINGHOUSE GASIFICATION PROCESS

INIS: 2000-04-12; ETDE: 1979-02-23

The process involves two stages: fluidized-bed gasifier and recirculating-bed devolatilizer.

*BT1 coal gasification

RT krw gasification process

westinghouse nuclear training reactor

INIS: 1993-11-10; ETDE: 1980-03-04

USE wntr reactor

WESTINGHOUSE RECYCLE FUELS PLANT

*BT1 fuel fabrication plants

*BT1 fuel reprocessing plants

RT fuel cycle

WESTINGHOUSE STANDARD REACTOR

1975-10-29

USA.

(Prior to 1975, PWR/41 TYPE REACTORS was used.)

UF pwr/41 type reactors

*BT1 pwr type reactors

RT bopssar standard plant

RT gibbssar standard plant

westinghouse testing reactor

USE wtr reactor

westvaco process

2000-04-12

Process uses dry activated carbon to remove sulfur dioxide from waste gases.

(Prior to March 1994, this was a valid ETDE descriptor.)

USE desulfurization

WET ASHING

UF ashing (wet)

RT combustion

RT sample preparation

RT waste processing

wet deposition

INIS: 2000-04-12; ETDE: 1980-01-15

USE washout

WET OXIDATION PROCESSES

INIS: 1994-07-01; ETDE: 1984-10-10

*BT1 waste processing

RT liquid wastes

RT oxidation

WET SCRUBBERS

2013-11-27

*BT1 scrubbers

NT1 venturi scrubbers

RT desulfurization

RT flue gas

WET STORAGE

INIS: 1996-04-16; ETDE: 1997-05-29

BT1 storage

RT dry storage

RT radioactive waste storage

RT spent fuel storage

wet-type cooling towers

2000-04-12

USE cooling towers

USE open-cycle cooling systems

WETLANDS

INIS: 1992-05-08; ETDE: 1981-04-17

UF peatlands

*BT1 aquatic ecosystems

NT1 marshes

NT1 swamps

RT river deltas

RT surface waters

WETTABILITY

RT surface properties

RT waterproofing

RT wetting agents

WETTING AGENTS

BT1 surfactants

NT1 detergents

NT2 pluronics

RT wettability

WETTING HEAT

INIS: 2000-04-12; ETDE: 1984-11-08

Heat change that occurs when a powder is wet by a liquid.

UF heat of wetting
RT absorption heat
RT reaction heat

WEYBURN FIELD

2008-06-10

Petroleum deposit now being studied as a possible site for carbon sequestration.

*BT1 oil fields
RT carbon sequestration
RT saskatchewan

weyl field

USE weyl unified theory

WEYL SPINORS

2016-05-10

BT1 spinors

WEYL UNIFIED THEORY

UF weyl field
*BT1 unified field theories
RT electromagnetic fields
RT gravitational fields
RT weak neutral currents

whales

INIS: 1991-09-30; ETDE: 1981-06-15

USE cetaceans

WHEAT

UF triticum
*BT1 cereals

WHEELS

INIS: 2000-01-24; ETDE: 1978-12-28

NT1 water wheels
RT gears
RT tires
RT vehicles

WHETSTONE OPERATION

INIS: 2000-04-12; ETDE: 1979-11-23

*BT1 nuclear explosions
*BT1 underground explosions
RT contained explosions

WHEY

INIS: 1993-07-19; ETDE: 1978-08-08

Watery part of milk separated from the curd in the process of making cheese.

*BT1 milk products
RT cheese
RT food industry
RT milk

WHISKERS

*BT1 monocrystals

WHISTLER INSTABILITY

INIS: 1988-11-16; ETDE: 1985-10-25

UF whistler mode
*BT1 plasma macroinstabilities
RT beam-plasma systems
RT plasma waves

whistler mode

INIS: 1988-11-16; ETDE: 2002-05-24

USE whistler instability

WHISTLERS

*BT1 radio noise
RT atmospheric
RT auroral hiss
RT lightning

white copper

1996-06-28

(Prior to July 1996 GERMAN SILVER was a valid ETDE descriptor.)

USE copper base alloys
USE nickel alloys
USE zinc alloys

WHITE DWARF STARS

*BT1 dwarf stars

WHITE HOLES

INIS: 1977-10-17; ETDE: 1976-06-07

A time-reversed black hole, an expanding source with growing intensity and photon energy.

RT black holes
RT cosmology
RT origin
RT stars

WHITE RIVER

2000-04-12

Not related to White River Basin, a geographically separate area in Arkansas and Missouri.

*BT1 rivers
RT colorado
RT utah

WHITE RIVER BASIN

INIS: 2000-04-12; ETDE: 1977-11-28

Not related to White River, a river flowing in Colorado and Utah.

RT arkansas
RT missouri

WHITE RIVER SHALE PROJECT

INIS: 2000-04-12; ETDE: 1976-03-11

RT oil shales
RT utah

WHITE SANDS SOLAR FACILITY

INIS: 2000-04-12; ETDE: 1981-10-24

The US Army Solar Test Facility in White Sands, New Mexico.

BT1 test facilities
RT solar furnaces

whiteshell-1 reactor

USE wr-1 reactor

whiteshell nuclear research establishment

USE wnre

WHO

UF world health organization
BT1 international organizations
RT medicine
RT united nations

WHOLE-BODY COUNTERS

*BT1 radiation detectors
RT gamma spectrometers
RT whole-body counting

WHOLE-BODY COUNTING

BT1 counting techniques
RT body
RT personnel monitoring
RT radiation protection
RT radioactivity
RT radionuclide kinetics
RT retention
RT whole-body counters

WHOLE-BODY IRRADIATION

*BT1 external irradiation
RT body

wholesale buyers

INIS: 1992-04-03; ETDE: 1979-09-28

USE resellers

wholesale price index

INIS: 2000-04-12; ETDE: 1979-09-27

(Prior to March 1996 this was a valid ETDE descriptor.)

USE wholesale prices

WHOLESALE PRICES

INIS: 1992-02-23; ETDE: 1979-06-06

(From September 1979 until March 1996 WHOLESAL PRICE INDEX was a valid ETDE descriptor.)

UF producer price index
UF wholesale price index
BT1 prices
RT retail prices

wholesale sellers

INIS: 1992-04-03; ETDE: 1979-09-28

USE resellers

wholesalers

INIS: 1992-04-03; ETDE: 1979-09-28

USE resellers

WHOLESMENESS

RT food
RT preservation

WICK-CHANDRASEKHAR METHOD

1996-07-15

BT1 calculation methods
RT transport theory

WICK METHOD

1996-07-15

RT neutron slowing-down theory
RT slowing-down

WICK THEOREM

RT many-body problem
RT quantum field theory

WIDE GAP SPARK CHAMBERS

*BT1 spark chambers

WIDMANSTAETTEN STRUCTURE

BT1 microstructure
RT phase transformations

WIDOWS CREEK STEAM PLANT

INIS: 2000-06-27; ETDE: 1976-08-04

*BT1 fossil-fuel power plants
RT tennessee valley authority

WIDTH

For dimensions only: see also LEVEL WIDTHS, LINE WIDTHS, and PARTICLE WIDTHS.

BT1 dimensions
RT size

WIEDEMANN-FRANZ LAW

RT electric conductivity
RT thermal conductivity

wiederaufarbeitungsanlage karlsruhe

INIS: 1993-11-10; ETDE: 2002-05-24

USE wak

wiederaufarbeitungsanlage wackersdorf

INIS: 1993-11-10; ETDE: 2002-05-24

USE wackersdorf reprocessing plant

WIGGLER MAGNETS

INIS: 1999-07-02; ETDE: 1977-06-21

UF undulators
*BT1 magnets

RT synchrotron radiation

WIGHTMAN FIELD THEORY

*BT1 axiomatic field theory

WIGNER COEFFICIENTS

UF 9j-symbols
RT angular momentum
RT clebsch-gordan coefficients
RT group theory
RT quantum mechanics
RT racah coefficients

WIGNER DISTRIBUTION

RT thermodynamics

WIGNER EFFECT

RT graphite
RT radiation effects

WIGNER-EISENBUD THEORY

RT nuclear potential

WIGNER FORCE

BT1 nuclear forces

wigner method

USE peierls method

WIGNER SCATTERING

*BT1 elastic scattering

WIGNER-SEITZ METHOD

BT1 calculation methods
RT band theory

WIGNER THEORY

RT quantum mechanics

WIGNER-WILKINS MODEL

RT slowing-down

WILD ANIMALS

UF wildlife
BT1 animals
RT coyotes
RT foxes
RT grazing
RT home range
RT rangelands
RT wolves

wilderness areas

INIS: 1992-03-30; ETDE: 1978-08-08
USE nature reserves

WILDERNESS PROTECTION ACTS

INIS: 1992-03-30; ETDE: 1983-03-23
BT1 laws
RT environment
RT land use
RT nature reserves

wildlife

2013-11-13
For wild vegetation SEE PLANTS
USE wild animals

WILKINS EQUATION

1996-07-15
BT1 equations
RT slowing-down

wilkinson theory

1996-07-15
(Until June 1996 this was a valid descriptor.)
SEE shell models

william h. zimmer-1 reactor

USE zimmer-1 reactor

william h. zimmer-2 reactor

INIS: 1980-02-26; ETDE: 1980-03-29
USE zimmer-2 reactor

williams-weizsacker approximation

USE equivalent-photon approximation

WILLISTON BASIN

INIS: 1992-06-18; ETDE: 1986-02-21
*BT1 sedimentary basins
RT manitoba
RT montana
RT north dakota
RT petroleum deposits
RT saskatchewan
RT south dakota

WILLOWS

INIS: 1992-01-13; ETDE: 1984-05-08
*BT1 magnoliopsida
*BT1 trees

wilputte process

INIS: 2000-04-12; ETDE: 1978-04-27
This gasifier is used for the gasification of various types of coal by partial combustion with air or oxygen at atmospheric pressure. The gasifier shell is brick-lined and is equipped with a Chapman drum feeder and agitator assembly. Supported under the shell, riding on three sets of rollers and guided by rollers, is the Koller-type revolving grate and ash pan.
(Prior to March 1994, this was a valid ETDE descriptor.)
USE coal gasification

WILSON LOOP

1983-03-16
RT feynman path integral
RT lattice field theory
RT order parameters
RT quantum chromodynamics
RT yang-mills theory

WILZBACH METHOD

BT1 labelling
RT labelled compounds

WIMPS

2013-11-07
UF weakly interacting massive particles
*BT1 postulated particles
RT neutrinos
RT nonluminous matter

WINCHES

1999-07-07
*BT1 materials handling equipment
RT hoists
RT materials handling

WIND

RT advection
RT air
RT atmospheric circulation
RT climates
RT fallout
RT gyres
RT hurricanes
RT jet stream
RT meteorology
RT natural disasters
RT particle resuspension
RT radioactive clouds
RT sails
RT tornadoes
RT turbulence
RT weather
RT wind loads

wind energy conversion systems

INIS: 1991-08-16; ETDE: 1981-07-18
USE wind turbines

wind farms

INIS: 1992-04-08; ETDE: 1985-08-22
USE wind turbine arrays

wind generators

INIS: 2000-04-12; ETDE: 1976-03-22
USE electric generators
USE wind turbines

WIND LOADS

INIS: 1992-07-22; ETDE: 1980-03-29
BT1 dynamic loads
RT high-rise buildings
RT storms
RT stresses
RT wind

WIND POWER

1982-12-07
BT1 power
*BT1 renewable energy sources
RT wind power industry
RT wind turbines

WIND POWER INDUSTRY

INIS: 1992-02-04; ETDE: 1981-07-18
BT1 industry
RT wind power

WIND POWER PLANTS

INIS: 1992-04-08; ETDE: 1976-03-22
Wind turbines supplying electric power to a grid.
BT1 power plants
NT1 efd wind generators
RT wind turbine arrays

WIND-POWERED PUMPS

INIS: 1992-04-08; ETDE: 1978-09-11
Wind-mechanical pumps only, for wind-electric pumps use WIND TURBINES and PUMPS.
*BT1 pumps
RT wind turbines

WIND TUNNELS

BT1 equipment
RT aerodynamics
RT ducts
RT supersonic flow
RT tunnels

WIND TURBINE ARRAYS

INIS: 1992-04-08; ETDE: 1985-08-22
UF wind farms
RT wind power plants

WIND TURBINES

1991-08-16
UF wecs
UF wind energy conversion systems
UF wind generators
*BT1 turbines
NT1 diffuser augmented turbines
NT1 horizontal axis turbines
NT1 vertical axis turbines
NT2 giromill turbines
NT2 tornado turbines
NT1 vortex augmented turbines
RT solar chimneys
RT tilt mechanisms
RT tipvane rotors
RT troposkien shape
RT water brakes
RT wind power
RT wind-powered pumps

WINDFALL PROFITS TAX

INIS: 2000-04-12; ETDE: 1979-12-10
BT1 taxes
RT petroleum industry
RT profits

RT us economic recovery tax act

WINDING MACHINES

INIS: 1999-07-07; ETDE: 1979-05-02
Equipment for winding coils.

*BT1 machinery
RT electric coils
RT magnet coils

WINDOW FRAMES

INIS: 2004-11-03; ETDE: 2004-10-29
RT buildings
RT windows

WINDOWS

BT1 openings
NT1 storm windows
RT bead walls
RT buildings
RT curtains
RT daylighting
RT double glazing
RT glazing materials
RT heat mirrors
RT shutters
RT skylights
RT solar control films
RT triple glazing
RT window frames

windscale advanced gas-cooled reactor

1993-11-10
USE wagr reactor

WINDSCALE PRODUCTION REACTORS

*BT1 air cooled reactors
*BT1 graphite moderated reactors
*BT1 natural uranium reactors
*BT1 plutonium production reactors
*BT1 thermal reactors

windscale reprocessing plant

INIS: 1984-06-21; ETDE: 1984-07-10
USE sellafield reprocessing plant

wine

USE beverages

WINKLER PROCESS

2000-04-12
Davy-Powergas Inc. process for producing intermediate- or high-btu gas that utilizes a fluidized bed gasifier operating at 1500-1850 degrees F and using oxygen and steam. Substitution of air for oxygen will produce low-btu gas.
RT sng processes

WINOS

2013-08-26
*BT1 sparticles
RT w minus bosons
RT w plus bosons

winston collectors

INIS: 2000-04-12; ETDE: 1976-11-17
USE compound parabolic concentrators

WIPP

INIS: 1985-04-22; ETDE: 1984-10-10
UF waste isolation pilot plant
*BT1 pilot plants
*BT1 radioactive waste facilities
BT1 underground facilities
*BT1 us doe
RT alpha-bearing wastes
RT high-level radioactive wastes
RT new mexico
RT salt deposits

WIRE SPARK CHAMBERS

*BT1 filmless spark chambers
RT multiwire proportional chambers

WIRES

NT1 exploding wires
NT1 superconducting wires
RT chains
RT filaments
RT rods
RT ropes

wires (fuel)

USE fuel wires

WISCONSIN

1997-06-17
*BT1 usa
RT menominee river
RT mississippi river

wisconsin point beach-1 reactor

INIS: 1993-11-10; ETDE: 2002-05-24
USE point beach-1 reactor

wisconsin point beach-2 reactor

INIS: 1993-11-10; ETDE: 2002-05-24
USE point beach-2 reactor

wisconsin public service power reactor

1993-11-10
USE kewaunee reactor

wisconsin university nuclear reactor

INIS: 1993-11-10; ETDE: 2002-05-24
USE uwnr reactor

wisconsin university tokamak

ETDE: 2002-05-24
USE uwmak devices

wisconsin utilities project-3 reactor

INIS: 1993-11-10; ETDE: 2002-05-24
USE wup-3 reactor

wisconsin utilities project-4 reactor

INIS: 1993-11-10; ETDE: 2002-05-24
USE wup-4 reactor

wisconsin utilities project-5 reactor

INIS: 1993-11-10; ETDE: 2002-05-24
USE wup-5 reactor

wisconsin utilities project-6 reactor

INIS: 1993-11-10; ETDE: 2002-05-24
USE wup-6 reactor

WITWATERSRAND

BT1 mountains
RT transvaal

WKB APPROXIMATION

UF wentzel-kramers-brillouin approximation
*BT1 approximations
RT scattering

WMO

2001-07-17
UF world meteorological organization
BT1 international organizations
RT climates
RT meteorology
RT united nations

WNP-1 REACTOR

Washington Public Power Supply System, Richland, Washington, USA. Canceled in 1995 after construction began (1978).
UF washington public power supply system-1 reactor
UF wppss nuclear project no. 1

*BT1 pwr type reactors
RT n-reactor

WNP-2 REACTOR

Energy Northwest, Richland, Washington, USA.
(Prior to August 2005 the old name HANFORD-2 REACTOR was also a valid descriptor.)
UF columbia generating station
UF hanford-2 reactor
UF washington public power supply system-2 reactor
UF wppss nuclear project no. 2
*BT1 bwr type reactors

WNP-3 REACTOR

Washington Public Power Supply System, Satsop, Washington, USA. Canceled in 1995 after construction began (1978).
UF washington public power supply system-3 reactor
UF wppss nuclear project no. 3
*BT1 pwr type reactors

WNP-4 REACTOR

1975-08-20
Washington Public Power Supply System, Richland, Washington, USA. Canceled in 1982 after construction began (1975).
UF washington public power supply system-4 reactor
UF wppss nuclear project no. 4
*BT1 pwr type reactors

WNP-5 REACTOR

Washington Public Power Supply System, Satsop, Washington, USA. Canceled in 1982 after construction began (1977).
UF washington public power supply system-5 reactor
UF wppss nuclear project no. 5
*BT1 pwr type reactors

WNRE

UF whiteshell nuclear research establishment
*BT1 atomic energy of canada ltd

WNTR REACTOR

INIS: 1985-04-22; ETDE: 1980-03-04
Westinghouse Electric Corp. Zion, Illinois, USA. Shut down in 1987.
UF westinghouse nuclear training reactor
*BT1 enriched uranium reactors
*BT1 fast reactors
*BT1 tank type reactors
*BT1 training reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

WOLF CREEK-1 REACTOR

1975-10-29
Wolf Creek Nuclear Operating Corp., Burlington, Kansas, USA.
*BT1 pwr type reactors

WOLF-RAYET STARS

*BT1 main sequence stars

WOLFENSTEIN PARAMETERS

BT1 dimensionless numbers
RT interactions
RT nucleons

wolfram

USE tungsten

WOLFRAMITE

*BT1 oxide minerals
RT iron oxides
RT tungsten oxides

wolframophosphoric acid

USE tungstophosphoric acid

wolsong-1 reactor

2017-10-30

USE wolsung-1 reactor

wolsong-2 reactor

2017-10-30

USE wolsung-2 reactor

wolsong-3 reactor

2017-10-30

USE wolsung-3 reactor

wolsong-4 reactor

2017-10-30

USE wolsung-4 reactor

WOLSUNG-1 REACTOR

INIS: 1978-02-23; ETDE: 1978-03-03

UF wolsong-1 reactor

*BT1 candu type reactors

*BT1 natural uranium reactors

*BT1 phwr type reactors

WOLSUNG-2 REACTOR

INIS: 1991-12-11; ETDE: 1992-01-24

UF wolsong-2 reactor

*BT1 candu type reactors

*BT1 natural uranium reactors

*BT1 phwr type reactors

WOLSUNG-3 REACTOR

1994-01-24

UF wolsong-3 reactor

*BT1 candu type reactors

*BT1 natural uranium reactors

*BT1 phwr type reactors

WOLSUNG-4 REACTOR

1994-01-24

UF wolsong-4 reactor

*BT1 candu type reactors

*BT1 natural uranium reactors

*BT1 phwr type reactors

WOLVES

INIS: 1993-07-20; ETDE: 1979-07-18

*BT1 mammals

RT coyotes

RT dogs

RT foxes

RT wild animals

WOMEN

BT1 females

*BT1 man

RT adults

RT gynecology

RT us affirmative action program

WOOD

UF lightwood

RT biomass

RT cork

RT creosote

RT delignification

RT fuels

RT harvesting

RT hemicellulose

RT lignin

RT paper industry

RT solid fuels

RT trees

RT wood-fuel power plants

RT wood fuels

RT wood-plastic composites

RT wood products industry

RT xylans

RT xylose

wood alcohol

USE methanol

WOOD BURNING APPLIANCES

INIS: 1993-01-22; ETDE: 1979-08-07

UF stoves (wood burning)

UF wood stoves

*BT1 appliances

NT1 wood burning furnaces

RT ovens

RT stoves

WOOD BURNING FURNACES

INIS: 2000-04-12; ETDE: 1977-06-21

BT1 furnaces

*BT1 wood burning appliances

RT space heating

WOOD-FUEL POWER PLANTS

INIS: 1993-01-22; ETDE: 1980-02-11

*BT1 thermal power plants

RT wood

RT wood fuels

WOOD FUELS

INIS: 1992-04-09; ETDE: 1981-01-27

UF firewood

UF fuelwood

UF wood pellets

*BT1 biofuels

*BT1 solid fuels

RT biomass

RT charcoal

RT trees

RT wood

RT wood-fuel power plants

WOOD METAL

1993-10-03

*BT1 alloy-bi50pb25cd12sn12

WOOD OILS

INIS: 2000-04-12; ETDE: 1984-09-21

*BT1 oils

RT synthetic fuels

wood pellets

2004-09-14

USE pellets

USE wood fuels

WOOD-PLASTIC COMPOSITES

*BT1 composite materials

RT organic polymers

RT wood

WOOD PRODUCTS INDUSTRY

INIS: 1992-03-10; ETDE: 1978-10-30

Industry producing products made from wood, including lumber.

UF lumber industry

BT1 industry

NT1 paper industry

RT forestry

RT furniture industry

RT harvesting equipment

RT printing and publishing industry

RT wood

wood stoves

INIS: 2000-04-12; ETDE: 1993-01-20

USE stoves

USE wood burning appliances

WOOD WASTES

INIS: 1992-03-16; ETDE: 1975-10-01

UF hog fuel

*BT1 organic wastes

*BT1 solid wastes

RT bark

WOODALL-DUCKHAM PROCESS

INIS: 2000-04-12; ETDE: 1977-08-24

A two-stage fixed bed process with volatile matter removed at low temperature in the first stage and semicoke or char gasified at higher temperatures in the second stage to produce a low btu gas.

*BT1 coal gasification

RT low btu gas

WOODS-SAXON POTENTIAL

UF saxon-woods potential

*BT1 nuclear potential

RT optical models

WOOL

RT fibers

RT textiles

wool fat

1996-10-23

(Prior to March 1997 LANOLIN was used for this concept in ETDE.)

USE esters

USE lipids

USE sterols

worcester polytechnic institute pool reactor

1993-11-10

USE wpir reactor

WORK

(From August 1977 to March 1997 LABOR was a valid ETDE descriptor.)

SF labor

RT automation

RT employment

RT ilo

RT occupational diseases

RT occupations

RT personnel

RT remote handling

RT wages

RT working conditions

RT working days

WORK FUNCTIONS

BT1 functions

RT binding energy

RT electron emission

RT electron tubes

RT energy

RT metals

RT surface potential

work hardening

USE strain hardening

work softening

1977-07-05

USE strain softening

workers

USE personnel

working (materials)

USE materials working

WORKING CONDITIONS

RT air conditioning

RT alara

RT human factors engineering

RT icrp critical group

RT industrial medicine

RT labor relations

RT occupational diseases

RT occupational safety

RT radiation protection

RT safety

RT us occupational safety and health act

RT work
RT working days

WORKING DAYS

INIS: 2000-04-12; ETDE: 1993-08-31
(Prior to December 1991 this was a valid ETDE descriptor. From December 1991 to August 1993 this concept was indexed by ALTERNATIVE WORK SCHEDULES or WORKING CONDITIONS in ETDE.)

RT alternative work schedules
RT employment
RT personnel
RT work
RT working conditions

WORKING FACES

INIS: 1999-09-01; ETDE: 1980-05-23
RT geologic deposits
RT mining

WORKING FLUIDS

1982-06-09
BT1 fluids
NT1 hydraulic fluids
NT1 refrigerants
RT antifreeze
RT energy conversion
RT freeze protection
RT heat exchangers
RT heat pumps
RT heat transfer
RT heat transfer fluids
RT hydrodynamics
RT turbines

WORKMENS COMPENSATION

UF compensation (workmens)
RT accident management
RT accidents
RT civil liability
RT financial security
RT hazards
RT indemnification agreements
RT legal aspects
RT victims compensation

world

INIS: 2000-04-12; ETDE: 1980-08-25
SEE earth planet
SEE global aspects

world association of nuclear operators

INIS: 1993-11-10; ETDE: 2002-05-24
USE wano

WORLD BANK

2013-08-05
BT1 international organizations
BT1 lending institutions
RT economic development
RT financing

WORLD ENERGY COUNCIL

2000-08-21
BT1 international organizations
RT energy policy

world energy data system

INIS: 1979-12-20; ETDE: 1980-01-24
USE wends

world health organization

USE who

world meteorological organization

2001-07-17
USE wmo

world-wide fallout

USE global fallout

worms (flat)

USE platyhelminths

worms (round)

USE nematodes

worms (segmented)

USE annelids

WOUNDS

*BT1 injuries
RT healing
RT necrosis
RT skin

WPIR REACTOR

Worcester Polytechnic Institute, Worcester, Massachusetts, USA.

UF worcester polytechnic institute pool reactor
*BT1 enriched uranium reactors
*BT1 pool type reactors
*BT1 thermal reactors
*BT1 training reactors

wppss nuclear project no. 1

USE wnp-1 reactor

wppss nuclear project no. 2

INIS: 1984-06-21; ETDE: 1997-03-28
USE wnp-2 reactor

wppss nuclear project no. 3

INIS: 1984-06-21; ETDE: 1997-03-28
USE wnp-3 reactor

wppss nuclear project no. 4

INIS: 1984-06-21; ETDE: 1997-03-28
USE wnp-4 reactor

wppss nuclear project no. 5

INIS: 1984-06-21; ETDE: 1997-03-28
USE wnp-5 reactor

WR-1 REACTOR

AECL, Pinawa, Manitoba, Canada.
Permanent shutdown since 1985.

UF whiteshell-1 reactor
*BT1 enriched uranium reactors
*BT1 heavy water moderated reactors
*BT1 materials testing reactors
*BT1 organic cooled reactors
*BT1 tank type reactors
*BT1 test reactors
*BT1 thermal reactors

WRRR REACTOR

Walter Reed Army Medical Center, Washington, D.C., USA. Shut down in 1970.

UF walter reed research reactor l-54
*BT1 aqueous homogeneous reactors
*BT1 enriched uranium reactors
*BT1 research reactors
*BT1 thermal reactors

WSUR REACTOR

Washington State Univ., Pullman, Washington, USA.

UF pullman washington state university reactor
UF rscw reactor
UF rwsu reactor
UF washington state university reactor
*BT1 pool type reactors
*BT1 pulsed reactors
*BT1 research reactors
*BT1 thermal reactors
*BT1 triga type reactors

WT-3 TOKAMAK

INIS: 1989-12-07; ETDE: 1990-01-03
Kyoto University, Kyoto, Japan.
*BT1 tokamak devices

WTR REACTOR

Westinghouse Electric Corporation, Madison, Pennsylvania, USA. Shut down in 1963.

UF westinghouse testing reactor
*BT1 enriched uranium reactors
*BT1 isotope production reactors
*BT1 research reactors
*BT1 tank type reactors
*BT1 test reactors
*BT1 thermal reactors
*BT1 water cooled reactors
*BT1 water moderated reactors

wuerenlingen proteus reactor

USE proteus reactor

WUERGASSEN REACTOR

Wuergassen, Niedersachsen, Federal Republic of Germany. Permanent shutdown since August 1994.

UF kernkraftwerk wuergassen
*BT1 bwr type reactors

wulfenite

1996-07-23
(Until July 1996 this was a valid descriptor.)
USE oxide minerals

wup-1 reactor

USE haven-1 reactor

wup-2 reactor

USE haven-2 reactor

WUP-3 REACTOR

Standardized plant of the Wisconsin Utilities Project, Wisconsin, USA.

UF wisconsin utilities project-3 reactor
*BT1 pwr type reactors

WUP-4 REACTOR

Standardized plant of the Wisconsin Utilities Project, Wisconsin, USA.

UF wisconsin utilities project-4 reactor
*BT1 pwr type reactors

WUP-5 REACTOR

Standardized plant of the Wisconsin Utilities Project, Wisconsin, USA.

UF wisconsin utilities project-5 reactor
*BT1 pwr type reactors

WUP-6 REACTOR

Standardized plant of the Wisconsin Utilities Project, Wisconsin, USA.

UF wisconsin utilities project-6 reactor
*BT1 pwr type reactors

wwer-1 reactor

2003-06-26
USE novovoronezh-1 reactor

wwer-2 reactor

2003-06-26
USE novovoronezh-2 reactor

wwer-3 reactor

2003-06-26
USE novovoronezh-3 reactor

wwer-4 reactor

2003-06-26
USE novovoronezh-4 reactor

wwer-5 reactor

2003-06-26
USE novovoronezh-5 reactor

WWER TYPE REACTORS

1997-08-20

*BT1 pwr type reactors
NT1 armenian-1 reactor
NT1 armenian-2 reactor
NT1 balakovo-1 reactor
NT1 balakovo-2 reactor
NT1 balakovo-3 reactor
NT1 balakovo-4 reactor
NT1 blahutovice-1 reactor
NT1 bohunice v-1 reactor
NT1 bohunice v-2 reactor
NT1 dukovany-1 reactor
NT1 dukovany-2 reactor
NT1 dukovany-3 reactor
NT1 dukovany-4 reactor
NT1 greifswald-1 reactor
NT1 greifswald-2 reactor
NT1 greifswald-3 reactor
NT1 greifswald-4 reactor
NT1 greifswald-5 reactor
NT1 greifswald-6 reactor
NT1 juragua-1 reactor
NT1 kalinin-1 reactor
NT1 kalinin-2 reactor
NT1 kalinin-3 reactor
NT1 kalinin-4 reactor
NT1 kecerovce-1 reactor
NT1 khmel'nitskij-1 reactor
NT1 khmel'nitskij-2 reactor
NT1 kola-1 reactor
NT1 kola-2 reactor
NT1 kola-3 reactor
NT1 kola-4 reactor
NT1 kozloduy-1 reactor
NT1 kozloduy-2 reactor
NT1 kozloduy-3 reactor
NT1 kozloduy-4 reactor
NT1 kozloduy-5 reactor
NT1 kozloduy-6 reactor
NT1 kudankulam-1 reactor
NT1 kudankulam-2 reactor
NT1 loviisa-1 reactor
NT1 loviisa-2 reactor
NT1 mochovce-1 reactor
NT1 mochovce-2 reactor
NT1 novovoronezh-1 reactor
NT1 novovoronezh-2 reactor
NT1 novovoronezh-3 reactor
NT1 novovoronezh-4 reactor
NT1 novovoronezh-5 reactor
NT1 paks-1 reactor
NT1 paks-2 reactor
NT1 paks-3 reactor
NT1 paks-4 reactor
NT1 rostov-1 reactor
NT1 rostov-2 reactor
NT1 rostov-3 reactor
NT1 rovno-1 reactor
NT1 rovno-2 reactor
NT1 rovno-3 reactor
NT1 rovno-4 reactor
NT1 rovno-5 reactor
NT1 south ukrainian-1 reactor
NT1 south ukrainian-2 reactor
NT1 south ukrainian-3 reactor
NT1 stendal-1 reactor
NT1 tatarian reactor
NT1 temelin-1 reactor
NT1 temelin-2 reactor
NT1 tianwan-1 reactor
NT1 tianwan-2 reactor
NT1 zaporozhe-1 reactor
NT1 zaporozhe-2 reactor
NT1 zaporozhe-3 reactor
NT1 zaporozhe-4 reactor
NT1 zaporozhe-5 reactor
NT1 zaporozhe-6 reactor

WWER-2 REACTOR

Moscow, Russian Federation.

*BT1 isotope production reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 wwr type reactors

wwr-c-baghdad reactor

INIS: 1976-06-23; ETDE: 1994-08-10

USE irt-baghdad reactor

wwr-c-bucharest reactor

INIS: 1976-06-23; ETDE: 2002-05-24

USE wwr-s-bucharest reactor

wwr-c-budapest reactor

INIS: 1976-06-23; ETDE: 2002-05-24

USE wwr-s-budapest reactor

wwr-c-cairo reactor

INIS: 1976-06-23; ETDE: 2002-05-24

USE wwr-s-cairo reactor

wwr-c-moscow reactor

INIS: 1976-06-23; ETDE: 2002-05-24

USE wwr-s-moscow reactor

wwr-c-prague reactor

INIS: 1998-09-23; ETDE: 2002-03-27

USE lvr-15 reactor

wwr-c-tashkent reactor

INIS: 1976-06-23; ETDE: 2002-05-24

USE wwr-s-tashkent reactor

wwr-k-alma-ata reactor

1997-07-30

(Until July 1997 this was a valid descriptor.)

USE wwr-k-almaty reactor

WWER-K-ALMATY REACTOR

INIS: 1997-07-30; ETDE: 1997-08-30

Almaty, Kazakhstan. Converted to LEU fuel in March 2016. All HEU fuel removed in September 2017.

(Prior to August 1997 this descriptor was spelled WWER-K ALMA-ATA REACTOR.)

UF alma-ata wwr-k reactor

UF almaty wwr-k reactor

UF wwr-k-alma-ata reactor

*BT1 research reactors

*BT1 thermal reactors

*BT1 wwr type reactors

WWER-K CF REACTOR

2019-01-28

Kazakhstan Atomic Energy Committee.
 Kazakhstan Almaty.

*BT1 research reactors

*BT1 wwr type reactors

*BT1 zero power reactors

wwr-libyan reactor

2005-01-24

USE irt-1 libya reactor

WWER-M-KIEV REACTOR

Kiev, Ukraine.

UF kiev wwr-m reactor

*BT1 isotope production reactors

*BT1 materials testing reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 wwr type reactors

WWER-M-LENINGRAD REACTOR

St. Petersburg, Russian Federation.

UF leningrad wwr-m reactor

*BT1 isotope production reactors

*BT1 materials testing reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 wwr type reactors

wwr-s-baghdad reactor

INIS: 1985-06-10; ETDE: 1994-08-10

(Name changed to IRT-BAGHDAD REACTOR; prior to June 1985 this was a valid descriptor.)

USE irt-baghdad reactor

WWER-S-BUCHAREST REACTOR

1976-06-23

Magurele, Romania. Under decommissioning since 2010.

UF bucharest wwr-s reactor

UF romanian wwr-c reactor

UF wwr-c-bucharest reactor

*BT1 research reactors

*BT1 thermal reactors

*BT1 wwr type reactors

WWER-S-BUDAPEST REACTOR

1976-06-23

KFKI Atomic Energy Research Institute, Hungarian Academy of Sciences, Budapest, Hungary.

UF budapest wwr-s reactor

UF hungarian wwr-c reactor

UF kfk reactor

UF wwr-c-budapest reactor

*BT1 isotope production reactors

*BT1 thermal reactors

*BT1 training reactors

*BT1 wwr type reactors

WWER-S-CAIRO REACTOR

1976-06-23

UF are-rr-1 reactor

UF cairo wwr-s reactor

UF united arab republic wwr-c reactor

UF wwr-c-cairo reactor

*BT1 research reactors

*BT1 thermal reactors

*BT1 wwr type reactors

WWER-S-MOSCOW REACTOR

1976-06-23

Moscow, Russian Federation.

UF moscow wwr-s reactor

UF wwr-c-moscow reactor

*BT1 isotope production reactors

*BT1 research reactors

*BT1 thermal reactors

*BT1 wwr type reactors

WWER-S-PRAGUE REACTOR

1998-09-23

UF czech wwr-c reactor

*BT1 research reactors

*BT1 thermal reactors

*BT1 wwr type reactors

wwr-s-rez reactor

INIS: 1998-09-23; ETDE: 2002-03-27

USE lvr-15 reactor

WWER-S-TASHKENT REACTOR

1976-06-23

Tashkent, Uzbekistan.

UF tashkent wwr-s reactor

UF uzbek wwr-c reactor

UF uzbek wwr-s reactor

UF wwr-c-tashkent reactor

*BT1 research reactors

*BT1 thermal reactors

*BT1 wwr type reactors

wwr-s-zittau reactor

INIS: 1984-04-04; ETDE: 2002-05-24

USE zlfr reactor

WWR-SM ROSSENDORF REACTOR

*Zentralinstitut fuer Kernforschung,
Rossendorf bei Dresden, Federal Republic of
Germany.*

UF *rossendorf wwr-sm reactor*
 *BT1 isotope production reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 wwr type reactors

WWR TYPE REACTORS

UF *zarnowiec reactor*
 *BT1 enriched uranium reactors
 *BT1 tank type reactors
 *BT1 water cooled reactors
 *BT1 water moderated reactors
 NT1 budapest training reactor
 NT1 irt-1 libya reactor
 NT1 irt-baghdad reactor
 NT1 lvr-15 reactor
 NT1 wwr-2 reactor
 NT1 wwr-k-almaty reactor
 NT1 wwr-k cf reactor
 NT1 wwr-m-kiev reactor
 NT1 wwr-m-leningrad reactor
 NT1 wwr-s-bucharest reactor
 NT1 wwr-s-budapest reactor
 NT1 wwr-s-cairo reactor
 NT1 wwr-s-moscow reactor
 NT1 wwr-s-prague reactor
 NT1 wwr-s-tashkent reactor
 NT1 wwr-sm rossendorf reactor
 NT1 wwr-z reactor

WWR-Z REACTOR

2000-04-12
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 wwr type reactors

WYHL-1 REACTOR

INIS: 1975-10-31; ETDE: 1975-12-16
Reactor was never constructed.
 UF *kws-1 wyhl reactor*
 *BT1 pwr type reactors

WYHL-2 REACTOR

INIS: 1975-10-31; ETDE: 1975-12-16
Reactor was never constructed.
 UF *kws-2 wyhl reactor*
 *BT1 pwr type reactors

wylfa nuclear power station

USE *wylfa reactor*

WYLFA REACTOR

*Anglesey, Wales, UK. WYLFA-1 and 2 are
permanently shut down since 2015 and 2012.*
 UF *wylfa nuclear power station*
 *BT1 carbon dioxide cooled reactors
 *BT1 magnox type reactors
 *BT1 thermal reactors

WYOMING

1997-06-19
 *BT1 usa
 NT1 powder river basin
 NT1 rock springs sites
 NT1 washakie basin
 RT green river formation
 RT north platte river basin
 RT snake river plain
 RT us naval petroleum reserves
 RT wasatch formation
 RT western us overthrust belt
 RT yellowstone national park

X-10 REACTOR

ORNL, Oak Ridge, Tennessee, USA. Shut
down in November 1963.
 UF *ornl x-10 area graphite reactor*

*BT1 air cooled reactors
 *BT1 graphite moderated reactors
 *BT1 isotope production reactors
 *BT1 natural uranium reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 training reactors

X-1700 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01
 *BT1 mesons

X-1935 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01
 (Prior to December 1987 this concept was
indexed by S-1930 RESONANCES.)
 UF *s-1930 resonances*
 *BT1 mesons

X-2220 MESONS

INIS: 1987-12-21; ETDE: 1988-02-01
 (Prior to December 1987 this concept was
indexed by X-2220RESONANCES.)
 UF *x-2220 resonances*
 *BT1 mesons

x-2220 resonances

INIS: 1988-03-08; ETDE: 1987-06-09
 (Prior to December 1987 this was a valid
descriptor.)
 USE *x-2220 mesons*

x-2830 resonances

INIS: 1988-03-08; ETDE: 1977-11-28
 (Prior to December 1987 this was a valid
descriptor.)
 USE *mesons*

X-3075 MESONS

INIS: 1988-05-13; ETDE: 1988-06-24
 *BT1 mesons

x 40 (alloy)

INIS: 2000-04-12; ETDE: 1979-12-17
 USE *alloy-hs-31*

X CENTERS

2000-04-12
 *BT1 color centers

X CHROMOSOME

INIS: 1980-02-26; ETDE: 1980-03-31
*From then till April 1980 the form X-
CHROMOSOMES was used.*
 (Prior to July 1978
HETEROCHROMOSOMES was used for this
concept.)
 *BT1 heterochromosomes
 NT1 human x chromosome

X CODES

BT1 computer codes

X RADIATION

*BT1 electromagnetic radiation
 *BT1 ionizing radiations
 NT1 hard x radiation
 NT1 soft x radiation
 RT biomedical radiography
 RT cosmic x-ray bursts
 RT cosmic x-ray sources
 RT fluoroscopy
 RT gamma radiation
 RT photons
 RT solar x-ray bursts
 RT television
 RT x-ray fluorescence analysis
 RT x-ray photoelectron spectroscopy
 RT x-ray spectroscopy

x-rasers

INIS: 1978-07-03; ETDE: 1978-03-08
 USE *x-ray lasers*

X-RAY DETECTION

UF *photon detection (x-ray)*
 *BT1 radiation detection
 RT x-ray dosimetry
 RT x-ray spectrometers

X-RAY DIFFRACTION

UF *diffraction (x-ray)*
 UF *xrd*
 *BT1 diffraction
 RT bragg reflection
 RT crystallography
 RT debye-scherrer method
 RT diffuse scattering
 RT laue method
 RT structural chemical analysis
 RT x-ray diffractometers

X-RAY DIFFRACTOMETERS

*BT1 diffractometers
 RT crystallography
 RT diffraction methods
 RT gamma diffractometers
 RT structural chemical analysis
 RT x-ray diffraction

X-RAY DOSIMETRY

BT1 dosimetry
 RT x-ray detection

X-RAY EMISSION ANALYSIS

UF *particle-induced x-ray emission
analysis*
 *BT1 nondestructive analysis
 NT1 pixe analysis
 NT1 x-ray fluorescence analysis
 RT electron probes
 RT quantitative chemical analysis
 RT x-ray spectroscopy

X-RAY EMISSION SPECTROSCOPY

2016-05-03
 *BT1 emission spectroscopy

X-RAY EQUIPMENT

BT1 equipment
 NT1 x-ray tubes
 RT biomedical radiography
 RT diagnostic techniques
 RT diffraction gratings
 RT electronic equipment
 RT x-ray sources

X-RAY FLUORESCENCE ANALYSIS

UF *xeqf spectroscopy*
 *BT1 x-ray emission analysis
 RT fluorescence
 RT fluorescence spectroscopy
 RT quantitative chemical analysis
 RT x radiation
 RT x-ray fluorescence analyzers
 RT x-ray fluorescence logging

X-RAY FLUORESCENCE ANALYZERS

RT x-ray fluorescence analysis

X-RAY FLUORESCENCE LOGGING

INIS: 1978-11-24; ETDE: 1977-03-04
 *BT1 radioactivity logging
 RT x-ray fluorescence analysis

X-RAY GALAXIES

INIS: 1975-09-09; ETDE: 1976-08-24
*Galaxies that emit most of their radiative
power in the form of x-rays.*
 *BT1 cosmic x-ray sources
 BT1 galaxies

RT cosmic photons
RT cosmic radiation

X-RAY LASERS

INIS: 1978-07-03; ETDE: 1978-03-08

UF x-rasers
BT1 lasers

x-ray photoelectron spectrometry

2002-11-25

USE emission spectroscopy
USE x-ray photoelectron spectroscopy

X-RAY PHOTOELECTRON SPECTROSCOPY

2002-11-25

UF esca
UF x-ray photoelectron spectrometry
UF xps
*BT1 photoelectron spectroscopy
RT electron spectra
RT x radiation

X-RAY RADIOGRAPHY

*BT1 industrial radiography
RT biomedical radiography

x-ray radiography (biomedical)

ETDE: 2002-05-24

USE biomedical radiography

X-RAY SOURCES

For cosmic sources of x radiation use
COSMIC X-RAY SOURCES.

BT1 radiation sources
RT advanced light source
RT advanced photon source
RT nsls
RT sesame synchrotron laboratory
RT swiss light source
RT synchrotron radiation sources
RT x-ray equipment

X-RAY SPECTRA

BT1 spectra
RT x-ray spectroscopy

X-RAY SPECTROMETERS

*BT1 spectrometers
RT x-ray detection

x-ray spectrometry

INIS: 1975-10-23; ETDE: 2002-05-24

USE x-ray spectroscopy

X-RAY SPECTROSCOPY

UF x-ray spectrometry
BT1 spectroscopy
RT x radiation
RT x-ray emission analysis
RT x-ray spectra

x-ray transmission scanning

USE photon transmission scanning

X-RAY TUBES

BT1 electron tubes
*BT1 x-ray equipment

x-zero resonances

USE eta prime-958 mesons

XANTHAN GUM

INIS: 2000-09-06; ETDE: 2000-02-25

UF xanthum gum
*BT1 polysaccharides

XANTHATES

*BT1 organic sulfur compounds
NT1 viscose

XANTHINES

*BT1 organic oxygen compounds
*BT1 purines

NT1 caffeine
NT1 theobromine
NT1 theophylline
NT1 uric acid
RT hypoxanthine

xanthum gum

INIS: 2000-04-12; ETDE: 1983-05-21

USE xanthan gum

XAPR REACTOR

2003-08-18

Xi'an, China.

*BT1 pool type reactors
*BT1 pulsed reactors
*BT1 research reactors

xc-224

INIS: 2000-04-12; ETDE: 1979-01-30

USE mar-m509 alloys

xc-224fe

INIS: 2000-04-12; ETDE: 1979-01-30

USE mar-m509 alloys

xds computers

INIS: 1996-07-15; ETDE: 1979-01-30

(Until June 1996 this was a valid descriptor.)

USE computers

XE-2 REACTOR

2000-04-12

USA.

UF ground experimental engine
experiment-2
*BT1 experimental reactors
*BT1 space propulsion reactors
RT hydrogen cooled reactors
RT nerva reactor

XE-PRIME REACTOR

2000-04-12

Nevada Test Site, Mercury, Nevada, USA.

UF ground experimental engine
experiment
*BT1 experimental reactors
*BT1 hydrogen cooled reactors
*BT1 propulsion reactors

XENOBIOTICS

INIS: 1981-02-27; ETDE: 1981-03-16

RT additives
RT detergents
RT drugs
RT nutrients
RT organic polymers

XENON

*BT1 rare gases

XENON 109

2007-04-19

*BT1 alpha decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 xenon isotopes

XENON 110

INIS: 1986-04-28; ETDE: 1981-09-08

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 xenon isotopes

XENON 111

INIS: 1980-04-02; ETDE: 1980-05-06

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 xenon isotopes

XENON 112

INIS: 1979-04-27; ETDE: 1979-05-25

*BT1 alpha decay radioisotopes
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 xenon isotopes

XENON 113

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 xenon isotopes

XENON 114

INIS: 1978-02-23; ETDE: 1978-05-01

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 xenon isotopes

XENON 115

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 xenon isotopes

XENON 116

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 xenon isotopes

XENON 117

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 xenon isotopes

XENON 118

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 xenon isotopes

XENON 119

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 xenon isotopes

XENON 120

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 xenon isotopes

XENON 121

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 xenon isotopes

XENON 122

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 xenon isotopes

XENON 123

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 xenon isotopes

XENON 123 TARGET

INIS: 1975-12-17; ETDE: 1976-07-12
BT1 targets

XENON 124

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 xenon isotopes

XENON 124 TARGET

INIS: 1976-02-11; ETDE: 1976-07-12
BT1 targets

XENON 125

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 seconds living radioisotopes
- *BT1 xenon isotopes

XENON 125 TARGET

INIS: 1978-07-31; ETDE: 1978-09-11
BT1 targets

XENON 126

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 xenon isotopes

XENON 126 TARGET

INIS: 1976-02-11; ETDE: 1976-07-12
BT1 targets

XENON 127

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 xenon isotopes

XENON 127 TARGET

INIS: 1979-02-21; ETDE: 1979-03-28
BT1 targets

XENON 128

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 xenon isotopes

XENON 128 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09
BT1 targets

XENON 129

- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 stable isotopes
- *BT1 xenon isotopes

XENON 129 BEAMS

INIS: 1976-07-30; ETDE: 1976-11-01
*BT1 ion beams

XENON 129 REACTIONS

INIS: 1976-07-30; ETDE: 1976-11-01
*BT1 heavy ion reactions

XENON 129 TARGET

INIS: 1984-05-24; ETDE: 1984-06-29
BT1 targets

XENON 130

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 xenon isotopes

XENON 130 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09
BT1 targets

XENON 131

- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 stable isotopes
- *BT1 xenon isotopes

XENON 131 BEAMS

INIS: 1977-02-08; ETDE: 1977-04-13
*BT1 ion beams

XENON 131 TARGET

INIS: 1979-04-27; ETDE: 1977-06-02
BT1 targets

XENON 132

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 xenon isotopes

XENON 132 BEAMS

INIS: 1979-01-18; ETDE: 1979-02-23
*BT1 ion beams

XENON 132 REACTIONS

INIS: 1977-02-08; ETDE: 1977-04-13
*BT1 heavy ion reactions

XENON 132 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09
BT1 targets

XENON 133

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 xenon isotopes

XENON 134

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 xenon isotopes

XENON 134 REACTIONS

1983-09-01
*BT1 heavy ion reactions

XENON 134 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09
BT1 targets

XENON 135

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 xenon isotopes

XENON 136

- *BT1 even-even nuclei
 - *BT1 intermediate mass nuclei
 - *BT1 stable isotopes
 - *BT1 xenon isotopes
- RT xenon 136 beams*

XENON 136 BEAMS

*BT1 ion beams
RT xenon 136

XENON 136 REACTIONS

*BT1 heavy ion reactions

XENON 136 TARGET

INIS: 1975-10-23; ETDE: 1976-07-09
BT1 targets

XENON 137

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 xenon isotopes

XENON 138

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 xenon isotopes

XENON 139

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 xenon isotopes

XENON 140

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 xenon isotopes

XENON 141

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 xenon isotopes

XENON 142

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 xenon isotopes

XENON 143

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 xenon isotopes

XENON 144

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 xenon isotopes

XENON 145

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 xenon isotopes

XENON 146

INIS: 1992-09-23; ETDE: 1976-03-25

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 xenon isotopes

XENON 147

2007-04-19

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 xenon isotopes

XENON BROMIDES

- *BT1 bromides
- *BT1 xenon halides

XENON CHLORIDES

- *BT1 chlorides
- *BT1 xenon halides

XENON COMPLEXES

- BT1 complexes

XENON COMPOUNDS

1996-07-08

- BT1 rare gas compounds
- NT1 xenon halides
- NT2 xenon bromides
- NT2 xenon chlorides
- NT2 xenon fluorides
- NT2 xenon iodides
- NT1 xenon hydrides
- NT1 xenon oxides

xenon effect

- USE poisoning

XENON FLUORIDES

- *BT1 fluorides
- *BT1 xenon halides

XENON HALIDES

2012-07-25

- *BT1 halides
- *BT1 xenon compounds
- NT1 xenon bromides
- NT1 xenon chlorides
- NT1 xenon fluorides
- NT1 xenon iodides

XENON HYDRIDES

1996-07-15

(From June 1996 to November 2007 XENON COMPOUNDS + HYDRIDES was used for this concept.)

- *BT1 hydrides
- *BT1 xenon compounds

XENON IODIDES

INIS: 1980-11-07; ETDE: 1978-10-23

- *BT1 iodides
- *BT1 xenon halides

XENON IONS

- *BT1 ions

XENON ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 xenon 109
- NT1 xenon 110
- NT1 xenon 111
- NT1 xenon 112
- NT1 xenon 113
- NT1 xenon 114
- NT1 xenon 115
- NT1 xenon 116
- NT1 xenon 117
- NT1 xenon 118
- NT1 xenon 119
- NT1 xenon 120
- NT1 xenon 121
- NT1 xenon 122
- NT1 xenon 123
- NT1 xenon 124
- NT1 xenon 125
- NT1 xenon 126
- NT1 xenon 127
- NT1 xenon 128
- NT1 xenon 129
- NT1 xenon 130
- NT1 xenon 131
- NT1 xenon 132
- NT1 xenon 133
- NT1 xenon 134
- NT1 xenon 135
- NT1 xenon 136
- NT1 xenon 137
- NT1 xenon 138
- NT1 xenon 139
- NT1 xenon 140
- NT1 xenon 141
- NT1 xenon 142
- NT1 xenon 143
- NT1 xenon 144
- NT1 xenon 145
- NT1 xenon 146
- NT1 xenon 147

XENON OSCILLATIONS

1986-05-26

Effects of fission product xenon levels on reactor operation.

- BT1 poisoning
- RT nuclear poisons
- RT oscillations
- RT reactor poison removal

XENON OXIDES

- *BT1 oxides
- *BT1 xenon compounds

XENOTIME

- *BT1 phosphate minerals
- RT granites
- RT pegmatites
- RT yttrium phosphates

xeqf spectroscopy

INIS: 1984-04-04; ETDE: 2002-05-24

- USE x-ray fluorescence analysis

xeroderma pigmentosum

INIS: 2000-04-12; ETDE: 1978-01-23

See also XP CELLS.

(Prior to March 1997 this was a valid ETDE descriptor.)

- USE congenital diseases
- USE hereditary diseases
- USE skin diseases

xeroderma pigmentosum cells

INIS: 1976-07-16; ETDE: 2002-05-24

- USE xp cells

XEROGRAPHY

- UF xeroradiography

- RT electrostatics

- RT photography

xeroradiography

INIS: 1975-12-09; ETDE: 2002-05-24

Coordinate, as appropriate, with BIOMEDICAL RADIOGRAPHY or INDUSTRIAL RADIOGRAPHY.

- USE xerography

xerox data systems computers

INIS: 1996-07-08; ETDE: 2002-05-24

- USE computers

XI-1530 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-07

(Prior to December 1987 this concept was indexed by XI-1530 RESONANCES.)

- UF xi-1530 resonances

- *BT1 xi baryons

xi-1530 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

- USE xi-1530 baryons

XI-1690 BARYONS

1995-07-17

- *BT1 xi baryons

XI-1820 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-07

(Prior to December 1987 this concept was indexed by XI-1820 RESONANCES.)

- UF xi-1820 resonances

- *BT1 xi baryons

xi-1820 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

- USE xi-1820 baryons

xi-1930 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

- USE xi-1950 baryons

xi-1940 baryons

INIS: 1995-08-07; ETDE: 1988-03-07

(From December 1987 until July 1995 this was a valid term.)

- USE xi-1950 baryons

XI-1950 BARYONS

1995-08-07

(Until December 1987 this concept was indexed by XI-1930 RESONANCES; from then until July 1995 it was indexed by XI-1940 BARYONS.)

- UF xi-1930 resonances

- UF xi-1940 baryons

- *BT1 xi baryons

XI-2030 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-07

(Prior to December 1987 this concept was indexed by XI-2030 RESONANCES.)

- UF xi-2030 resonances

- *BT1 xi baryons

xi-2030 resonances

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

- USE xi-2030 baryons

XI-2250 BARYONS

INIS: 1987-12-21; ETDE: 1988-03-07

- *BT1 xi baryons

XI-2500 BARYONS*INIS: 1987-12-21; ETDE: 1988-03-07*

*BT1 xi baryons

XI BARYONS*INIS: 1995-07-17; ETDE: 1988-03-07*

*BT1 hyperons

NT1 xi-1530 baryons**NT1** xi-1690 baryons**NT1** xi-1820 baryons**NT1** xi-1950 baryons**NT1** xi-2030 baryons**NT1** xi-2250 baryons**NT1** xi-2500 baryons**NT1** xi particles**NT2** antixi particles**NT2** xi minus particles**NT2** xi neutral particles**XI C NEUTRAL BARYONS***INIS: 1995-04-03; ETDE: 1995-03-27*

*BT1 charmed baryons

XI C PLUS BARYONS*INIS: 1987-12-21; ETDE: 1988-03-07*

*BT1 charmed baryons

xi minus

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE xi minus particles

XI MINUS PARTICLES*INIS: 1987-12-21; ETDE: 1988-07-27*

(Prior to August 1985 this concept was indexed by XI-MINUS and from August 1985 to December 1987 by XI MINUS.)

UF xi minus

*BT1 xi particles

xi neutral

1987-12-21

(Prior to December 1987 this was a valid descriptor.)

USE xi neutral particles

XI NEUTRAL PARTICLES*INIS: 1987-12-21; ETDE: 1988-07-27*

(Prior to August 1985 this concept was indexed by XI-NEUTRAL and from August 1985 to December 1987 by XI NEUTRAL.)

UF xi neutral

*BT1 xi particles

xi particle beams

1996-07-15

(Until June 1996 this was a valid descriptor.)

USE hyperon beams

XI PARTICLES

*BT1 xi baryons

NT1 antixi particles**NT1** xi minus particles**NT1** xi neutral particles**XMA-1 REACTOR**

2000-04-12

USA.

*BT1 air cooled reactors

*BT1 aircraft propulsion reactors

*BT1 enriched uranium reactors

*BT1 experimental reactors

*BT1 hydride moderated reactors

XP CELLS*INIS: 1976-07-16; ETDE: 1976-09-15**Xeroderma pigmentosum cells.*

(From January 1978 till March 1997

XERODERMA PIGMENTOSUM was a valid ETDE descriptor.)

UF xeroderma pigmentosum cells

BT1 animal cells

xps

2002-11-25

USE x-ray photoelectron spectroscopy

xrd

2002-11-25

USE x-ray diffraction

xuv

USE extreme ultraviolet radiation

XYLANASE*INIS: 2000-04-12; ETDE: 1981-01-12*

UF xylanases

*BT1 o-glycosyl hydrolases

xylanases*INIS: 2000-04-12; ETDE: 1979-03-28*

(Prior to January 1981 this was a valid ETDE descriptor.)

USE xylanase

XYLANS*INIS: 2000-04-12; ETDE: 1979-04-12**Major hemicellulose of hard woods.*

*BT1 hemicellulose

RT biomass

RT lignin

RT trees

RT wood

XYLENE-PARA

*BT1 xylenes

XYLENES

UF dimethylbenzenes

*BT1 alkylated aromatics

NT1 xylene-para**XYLENOL ORANGE**

BT1 dyes

BT1 indicators

XYLENOLS

2000-04-12

UF dimethylphenols

UF hydroxyxylenes

*BT1 phenols

XYLOSE

*BT1 aldehydes

*BT1 pentoses

RT wood

Y-12 PLANT

*BT1 us aec

*BT1 us doe

*BT1 us erda

RT oak ridge

RT oak ridge reservation

RT tennessee

Y CHROMOSOME*INIS: 1980-02-26; ETDE: 1980-03-29*

(Prior to April 1980 this concept was indexed to HETEROCHROMOSOMES in ETDE.)

*BT1 heterochromosomes

NT1 human y chromosome**Y CODES**

BT1 computer codes

y*resonances

1988-03-08

(Prior to December 1987 this was a valid descriptor.)

USE baryons

YALINA FACILITY

2016-07-11

Located at the Joint Institute for Power and Nuclear Research 'Sosny', Minsk, Belarus.

*BT1 accelerator-driven subcritical systems

yamaguchi nonlocal potential

USE yamaguchi potential

YAMAGUCHI POTENTIAL

UF yamaguchi nonlocal potential

*BT1 nucleon-nucleon potential

RT nucleons

YAMS*Tuberous root of plants of the genus Dioscorea.*

*BT1 magnoliopsida

*BT1 vegetables

YANG-FELDMAN FORMALISM

RT quantum field theory

RT s matrix

yang-lee distribution

USE lee-yang theory

YANG-MILLS THEORY

RT instantons

RT isospin

RT quantum chromodynamics

RT quantum field theory

RT wilson loop

YANG THEOREM

RT angular distribution

RT nuclear reactions

YANGJIANG-1 REACTOR

2017-10-25

Yangjiang, China

*BT1 pwr type reactors

YANGJIANG-2 REACTOR

2017-10-25

Yangjiang, China

*BT1 pwr type reactors

YANGJIANG-3 REACTOR

2017-10-25

Yangjiang, China

*BT1 pwr type reactors

YANGJIANG-4 REACTOR

2017-10-25

Yangjiang, China

*BT1 pwr type reactors

YANGTZE RIVER*INIS: 1992-06-04; ETDE: 1980-08-12*

*BT1 rivers

RT china

yankee connecticut reactor

USE connecticut yankee reactor

yankee event*INIS: 1994-10-14; ETDE: 1984-05-23**A test made during PROJECT CASTLE.*

(Prior to September 1994, this was a valid ETDE descriptor.)

USE atmospheric explosions

USE nuclear explosions

yankee maine reactor

USE maine yankee reactor

yankee rowe reactor

USE rowe yankee reactor

yankee vermont reactor

USE vermont yankee reactor

YAYOI REACTOR

*Univ. of Tokyo, Tokai, Ibaraki, Japan.
Permanent shutdown since 2011. Start of
decommissioning in 2012.*

*BT1 fast reactors

*BT1 research and test reactors

YEARS LIVING RADIOISOTOPES

*BT1 radioisotopes

NT1 actinium 227

NT1 aluminium 26

NT1 americium 241

NT1 americium 242

NT1 americium 243

NT1 antimony 125

NT1 argon 39

NT1 argon 42

NT1 barium 133

NT1 berkelium 247

NT1 beryllium 10

NT1 bismuth 207

NT1 bismuth 208

NT1 bismuth 210

NT1 cadmium 109

NT1 cadmium 113

NT1 calcium 41

NT1 californium 249

NT1 californium 250

NT1 californium 251

NT1 californium 252

NT1 carbon 14

NT1 cesium 134

NT1 cesium 135

NT1 cesium 137

NT1 chlorine 36

NT1 cobalt 60

NT1 curium 243

NT1 curium 244

NT1 curium 245

NT1 curium 246

NT1 curium 247

NT1 curium 248

NT1 curium 250

NT1 dysprosium 154

NT1 einsteinium 252

NT1 europium 150

NT1 europium 152

NT1 europium 154

NT1 europium 155

NT1 gadolinium 148

NT1 gadolinium 150

NT1 gadolinium 152

NT1 hafnium 172

NT1 hafnium 174

NT1 hafnium 178

NT1 hafnium 182

NT1 holmium 163

NT1 holmium 166

NT1 indium 115

NT1 iodine 129

NT1 iridium 192

NT1 iron 55

NT1 iron 60

NT1 krypton 81

NT1 krypton 85

NT1 lanthanum 137

NT1 lanthanum 138

NT1 lead 202

NT1 lead 205

NT1 lead 210

NT1 lutetium 173

NT1 lutetium 174

NT1 lutetium 176

NT1 manganese 53

NT1 mercury 194

NT1 molybdenum 93

NT1 neodymium 144

NT1 neptunium 235

NT1 neptunium 236

NT1 neptunium 237

NT1 nickel 59

NT1 nickel 63

NT1 niobium 91

NT1 niobium 92

NT1 niobium 93

NT1 niobium 94

NT1 osmium 186

NT1 osmium 194

NT1 palladium 107

NT1 platinum 190

NT1 platinum 193

NT1 plutonium 236

NT1 plutonium 238

NT1 plutonium 239

NT1 plutonium 240

NT1 plutonium 241

NT1 plutonium 242

NT1 plutonium 244

NT1 polonium 208

NT1 polonium 209

NT1 potassium 40

NT1 promethium 144

NT1 promethium 145

NT1 promethium 146

NT1 promethium 147

NT1 protactinium 231

NT1 radium 226

NT1 radium 228

NT1 rhenium 186

NT1 rhenium 187

NT1 rhodium 101

NT1 rubidium 87

NT1 ruthenium 106

NT1 samarium 146

NT1 samarium 147

NT1 samarium 148

NT1 samarium 151

NT1 selenium 79

NT1 silicon 32

NT1 silver 108

NT1 sodium 22

NT1 strontium 90

NT1 tantalum 179

NT1 technetium 97

NT1 technetium 98

NT1 technetium 99

NT1 tellurium 123

NT1 terbium 157

NT1 terbium 158

NT1 thallium 204

NT1 thorium 228

NT1 thorium 229

NT1 thorium 230

NT1 thorium 232

NT1 thulium 171

NT1 tin 121

NT1 tin 126

NT1 titanium 44

NT1 tritium

NT1 uranium 232

NT1 uranium 233

NT1 uranium 234

NT1 uranium 235

NT1 uranium 236

NT1 uranium 238

NT1 vanadium 50

NT1 zirconium 93

RT half-life

RT lifetime

YEASTS

*BT1 eumycota

BT1 microorganisms

NT1 candida

NT1 saccharomyces

NT2 saccharomyces cerevisiae

NT1 torula

RT pheromone

RT zymosan

YEELIRRIE DEPOSIT

INIS: 1980-12-01; ETDE: 1981-01-09

*BT1 uranium deposits

RT uranium ores

RT western australia

yellow cake

INIS: 1977-01-25; ETDE: 1977-04-13

USE uranium oxides u3o8

YELLOW CREEK

1997-06-19

*BT1 rivers

RT colorado

RT yellow creek basin

YELLOW CREEK-1 REACTOR

INIS: 1977-11-21; ETDE: 1976-08-24

TVA, Iuka, Mississippi, USA. Canceled in

1984 after construction began (1978).

*BT1 pwr type reactors

YELLOW CREEK-2 REACTOR

INIS: 1977-11-21; ETDE: 1976-08-24

TVA, Iuka, Mississippi, USA. Canceled in

1984 after construction began (1978).

*BT1 pwr type reactors

YELLOW CREEK BASIN

2000-04-12

BT1 watersheds

RT colorado

RT yellow creek

YELLOW RIVER

1996-11-27

*BT1 rivers

RT china

YELLOWSTONE NATIONAL PARK

1992-06-04

SF parks

BT1 public lands

RT idaho

RT montana

RT snake river plain

RT wyoming

YEMEN

1991-11-06

UF north yemen

UF peoples democratic republic of yemen

UF south yemen

UF southern yemen

UF yemen, southern

UF yemen arab republic

BT1 arab countries

BT1 asia

BT1 developing countries

BT1 middle east

yemen, southern

INIS: 2000-04-12; ETDE: 1980-08-12

USE yemen

yemen arab republic

INIS: 2000-04-12; ETDE: 1980-04-14

(Prior to November 1991 this was a valid

ETDE descriptor.)

USE yemen

yerevan synchrotron

USE erevan synchrotron

yield (biological)

USE productivity

yield (chemical reaction)

2000-04-12

USE chemical reaction yield

yield (fission)

2000-04-12

USE fission yield

yield (fusion)

INIS: 2000-04-12; ETDE: 1976-05-19

USE fusion yield

yield (nuclear reaction)

2000-04-12

USE nuclear reaction yield

YIELD STRENGTH

UF strength (yield)

BT1 mechanical properties

RT tensile properties

YIELDS

1993-03-11

Use of a more specific descriptor is recommended.

NT1 chemical reaction yield

NT1 gas yields

NT1 nuclear reaction yield

NT2 fission yield

NT2 fusion yield

NT1 oil yields

RT productivity

yolk

USE eggs

yonggwang-1 reactor

2000-11-21

Yonggwang, Republic of Korea.

(Until June 2017 this was a valid descriptor)

USE hanbit-1 reactor

yonggwang-2 reactor

2000-11-21

Yonggwang, Republic of Korea.

(Until June 2017 this was a valid descriptor)

USE hanbit-2 reactor

yonggwang-3 reactor

INIS: 1997-10-03; ETDE: 1998-02-24

Yonggwang, Republic of Korea.

(Until June 2017 this was a valid descriptor)

USE hanbit-3 reactor

yonggwang-4 reactor

INIS: 1997-10-03; ETDE: 1998-02-24

Yonggwang, Republic of Korea.

(Until June 2017 this was a valid descriptor)

USE hanbit-4 reactor

yoshida sarcoma

USE experimental neoplasms

YOUNG DIAGRAM

*BT1 diagrams

RT group theory

YOUNG MODEL

RT transport theory

YOUNG MODULUS

BT1 mechanical properties

RT elasticity

RT hooke law

YRAST STATES*The lowest energy states for given angular momenta.*

BT1 energy levels

RT angular momentum

RT backbending

RT moment of inertia

RT nuclear structure

YTTERBIUM

*BT1 rare earths

YTTERBIUM 148

2008-01-28

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 milliseconds living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 149

2008-01-28

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 milliseconds living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 150

INIS: 1985-04-22; ETDE: 1985-05-07

*BT1 even-even nuclei

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 151

INIS: 1985-10-22; ETDE: 1984-11-29

*BT1 even-odd nuclei

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 152

INIS: 1980-12-01; ETDE: 1980-09-05

*BT1 even-even nuclei

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 153

INIS: 1977-06-14; ETDE: 1977-10-20

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 isomeric transition isotopes

*BT1 microseconds living radioisotopes

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

*BT1 ytterbium isotopes

YTTERBIUM 154

INIS: 1976-10-07; ETDE: 1976-07-07

*BT1 alpha decay radioisotopes

*BT1 even-even nuclei

*BT1 milliseconds living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 155

INIS: 1976-01-28; ETDE: 1975-09-12

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

*BT1 ytterbium isotopes

YTTERBIUM 156

INIS: 1976-11-08; ETDE: 1976-09-15

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

*BT1 ytterbium isotopes

YTTERBIUM 157

1976-07-06

*BT1 alpha decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 rare earth nuclei

*BT1 seconds living radioisotopes

*BT1 ytterbium isotopes

YTTERBIUM 158

*BT1 alpha decay radioisotopes

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 minutes living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 159

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 minutes living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 160

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 minutes living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 161

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 minutes living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 162

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 minutes living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 163

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 minutes living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 164

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 hours living radioisotopes

*BT1 internal conversion radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 165

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 internal conversion radioisotopes

*BT1 minutes living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 166

*BT1 days living radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-even nuclei

*BT1 internal conversion radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 167

*BT1 beta-plus decay radioisotopes

*BT1 electron capture radioisotopes

*BT1 even-odd nuclei

*BT1 minutes living radioisotopes

*BT1 rare earth nuclei

*BT1 ytterbium isotopes

YTTERBIUM 168

*BT1 even-even nuclei

*BT1 rare earth nuclei

- *BT1 stable isotopes
- *BT1 ytterbium isotopes

YTTERBIUM 168 TARGET*ETDE: 1976-07-09*

- BT1 targets

YTTERBIUM 169

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 isomeric transition isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 ytterbium isotopes

YTTERBIUM 169 TARGET*INIS: 1992-09-23; ETDE: 1982-03-29*

- BT1 targets

YTTERBIUM 170

- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes
- *BT1 ytterbium isotopes

YTTERBIUM 170 TARGET*ETDE: 1976-07-09*

- BT1 targets

YTTERBIUM 171

- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes
- *BT1 ytterbium isotopes

YTTERBIUM 171 TARGET*ETDE: 1976-07-09*

- BT1 targets

YTTERBIUM 172

- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes
- *BT1 ytterbium isotopes

YTTERBIUM 172 TARGET*ETDE: 1976-07-09*

- BT1 targets

YTTERBIUM 173

- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes
- *BT1 ytterbium isotopes

YTTERBIUM 173 TARGET*ETDE: 1976-07-09*

- BT1 targets

YTTERBIUM 174

- *BT1 even-even nuclei
- *BT1 rare earth nuclei
- *BT1 stable isotopes
- *BT1 ytterbium isotopes

YTTERBIUM 174 TARGET*ETDE: 1976-07-09*

- BT1 targets

YTTERBIUM 175

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 rare earth nuclei
- *BT1 ytterbium isotopes

YTTERBIUM 176

- *BT1 even-even nuclei
- *BT1 isomeric transition isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes

- *BT1 stable isotopes
- *BT1 ytterbium isotopes

YTTERBIUM 176 TARGET*ETDE: 1976-07-09*

- BT1 targets

YTTERBIUM 177

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 rare earth nuclei
- *BT1 seconds living radioisotopes
- *BT1 ytterbium isotopes

YTTERBIUM 178

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 rare earth nuclei
- *BT1 ytterbium isotopes

YTTERBIUM 179*1982-06-09*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei
- *BT1 ytterbium isotopes

YTTERBIUM 180*INIS: 1987-09-22; ETDE: 1987-10-02*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 minutes living radioisotopes
- *BT1 rare earth nuclei
- *BT1 ytterbium isotopes

YTTERBIUM 181*2008-01-28*

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 rare earth nuclei
- *BT1 ytterbium isotopes

YTTERBIUM ADDITIONS*Alloys containing not more than 1% Yb are listed here.*

- *BT1 rare earth additions
- RT ytterbium alloys

YTTERBIUM ALLOYS*Alloys containing more than 1% Yb.*

- *BT1 rare earth alloys
- NT1 ytterbium base alloys
- RT ytterbium additions

YTTERBIUM BASE ALLOYS

- *BT1 ytterbium alloys

YTTERBIUM BORIDES

- *BT1 borides
- *BT1 ytterbium compounds

YTTERBIUM BROMIDES

- *BT1 bromides
- *BT1 ytterbium halides

YTTERBIUM CARBIDES

- *BT1 carbides
- *BT1 ytterbium compounds

YTTERBIUM CARBONATES

- *BT1 carbonates
- *BT1 ytterbium compounds

YTTERBIUM CHLORIDES

- *BT1 chlorides
- *BT1 ytterbium halides

YTTERBIUM COMPLEXES

- *BT1 rare earth complexes

YTTERBIUM COMPOUNDS*1997-06-19*

- BT1 rare earth compounds
- NT1 ytterbium borides
- NT1 ytterbium carbides
- NT1 ytterbium carbonates
- NT1 ytterbium halides
- NT2 ytterbium bromides
- NT2 ytterbium chlorides
- NT2 ytterbium fluorides
- NT2 ytterbium iodides
- NT1 ytterbium hydrides
- NT1 ytterbium hydroxides
- NT1 ytterbium nitrates
- NT1 ytterbium nitrides
- NT1 ytterbium oxides
- NT1 ytterbium perchlorates
- NT1 ytterbium phosphates
- NT1 ytterbium phosphides
- NT1 ytterbium selenides
- NT1 ytterbium silicates
- NT1 ytterbium silicides
- NT1 ytterbium sulfates
- NT1 ytterbium sulfides
- NT1 ytterbium tellurides
- NT1 ytterbium tungstates

YTTERBIUM FLUORIDES

- *BT1 fluorides
- *BT1 ytterbium halides

YTTERBIUM HALIDES*2012-07-25*

- *BT1 halides
- *BT1 ytterbium compounds
- NT1 ytterbium bromides
- NT1 ytterbium chlorides
- NT1 ytterbium fluorides
- NT1 ytterbium iodides

YTTERBIUM HYDRIDES

- *BT1 hydrides
- *BT1 ytterbium compounds

YTTERBIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 ytterbium compounds

YTTERBIUM IODIDES

- *BT1 iodides
- *BT1 ytterbium halides

YTTERBIUM IONS

- *BT1 ions

YTTERBIUM ISOTOPES

- BT1 isotopes
- NT1 ytterbium 148
- NT1 ytterbium 149
- NT1 ytterbium 150
- NT1 ytterbium 151
- NT1 ytterbium 152
- NT1 ytterbium 153
- NT1 ytterbium 154
- NT1 ytterbium 155
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- NT1 ytterbium 165
- NT1 ytterbium 166
- NT1 ytterbium 167
- NT1 ytterbium 168
- NT1 ytterbium 169
- NT1 ytterbium 170
- NT1 ytterbium 171

NT1 ytterbium 172
NT1 ytterbium 173
NT1 ytterbium 174
NT1 ytterbium 175
NT1 ytterbium 176
NT1 ytterbium 177
NT1 ytterbium 178
NT1 ytterbium 179
NT1 ytterbium 180
NT1 ytterbium 181

YTTERBIUM NITRATES

*BT1 nitrates
*BT1 ytterbium compounds

YTTERBIUM NITRIDES

*BT1 nitrides
*BT1 ytterbium compounds

YTTERBIUM OXIDES

*BT1 oxides
*BT1 ytterbium compounds

YTTERBIUM PERCHLORATES

INIS: 2000-04-12; ETDE: 1975-10-28
*BT1 perchlorates
*BT1 ytterbium compounds

YTTERBIUM PHOSPHATES

INIS: 1975-10-23; ETDE: 1975-12-16
*BT1 phosphates
*BT1 ytterbium compounds

YTTERBIUM PHOSPHIDES

INIS: 1993-01-13; ETDE: 1992-09-14
*BT1 phosphides
*BT1 ytterbium compounds

YTTERBIUM SELENIDES

INIS: 1977-01-25; ETDE: 1977-04-13
*BT1 selenides
*BT1 ytterbium compounds

YTTERBIUM SILICATES

*BT1 silicates
*BT1 ytterbium compounds

YTTERBIUM SILICIDES

INIS: 1978-07-31; ETDE: 1978-09-11
*BT1 silicides
*BT1 ytterbium compounds

YTTERBIUM SULFATES

*BT1 sulfates
*BT1 ytterbium compounds

YTTERBIUM SULFIDES

*BT1 sulfides
*BT1 ytterbium compounds

YTTERBIUM TELLURIDES

INIS: 1987-09-22; ETDE: 1976-01-07
*BT1 tellurides
*BT1 ytterbium compounds

YTTERBIUM TUNGSTATES

INIS: 1979-02-21; ETDE: 1979-03-28
*BT1 tungstates
*BT1 ytterbium compounds

yttrialite

1996-07-15
(Until June 1996 this was a valid descriptor.)
USE silicate minerals
USE thorium minerals

YTTRIUM

*BT1 transition elements

YTTRIUM 100

INIS: 1977-06-13; ETDE: 1977-10-20
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes

*BT1 odd-odd nuclei
*BT1 yttrium isotopes

YTTRIUM 101

INIS: 1984-06-21; ETDE: 1981-01-27
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 yttrium isotopes

YTTRIUM 102

INIS: 1977-01-26; ETDE: 1976-11-17
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 yttrium isotopes

YTTRIUM 103

INIS: 1996-06-17; ETDE: 1996-05-31
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 yttrium isotopes

YTTRIUM 104

2007-05-14
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 yttrium isotopes

YTTRIUM 105

2007-05-14
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 yttrium isotopes

YTTRIUM 106

2007-05-14
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 yttrium isotopes

YTTRIUM 107

2007-05-14
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-even nuclei
*BT1 yttrium isotopes

YTTRIUM 108

2007-05-14
*BT1 beta-minus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei
*BT1 yttrium isotopes

YTTRIUM 76

2007-05-14
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 yttrium isotopes

YTTRIUM 77

INIS: 1990-12-05; ETDE: 1991-01-14
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 yttrium isotopes

YTTRIUM 78

2007-05-14
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 odd-odd nuclei

*BT1 seconds living radioisotopes
*BT1 yttrium isotopes

YTTRIUM 79

INIS: 1992-03-26; ETDE: 1992-09-30
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 seconds living radioisotopes
*BT1 yttrium isotopes

YTTRIUM 80

INIS: 1980-05-14; ETDE: 1979-12-10
*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes
*BT1 yttrium isotopes

YTTRIUM 81

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 yttrium isotopes

YTTRIUM 82

*BT1 beta-plus decay radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes
*BT1 yttrium isotopes

YTTRIUM 83

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-even nuclei
*BT1 yttrium isotopes

YTTRIUM 84

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 seconds living radioisotopes
*BT1 yttrium isotopes

YTTRIUM 85

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 odd-even nuclei
*BT1 yttrium isotopes

YTTRIUM 86

*BT1 beta-plus decay radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 internal conversion radioisotopes
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 odd-odd nuclei
*BT1 yttrium isotopes

YTTRIUM 87

*BT1 beta-plus decay radioisotopes
*BT1 days living radioisotopes
*BT1 electron capture radioisotopes
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 isomeric transition isotopes
*BT1 odd-even nuclei
*BT1 yttrium isotopes
RT radioisotope generators

YTTRIUM 87 TARGET*INIS: 1977-01-25; ETDE: 1977-04-13*

BT1 targets

YTTRIUM 88

*BT1 beta-plus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 yttrium isotopes

YTTRIUM 88 TARGET*INIS: 1977-01-25; ETDE: 1977-04-13*

BT1 targets

YTTRIUM 89

*BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes
 *BT1 stable isotopes
 *BT1 yttrium isotopes

YTTRIUM 89 TARGET*ETDE: 1976-07-09*

BT1 targets

YTTRIUM 90

*BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 odd-odd nuclei
 *BT1 yttrium isotopes

YTTRIUM 91

*BT1 beta-minus decay radioisotopes
 *BT1 days living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 yttrium isotopes

YTTRIUM 92

*BT1 beta-minus decay radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 yttrium isotopes

YTTRIUM 93

*BT1 beta-minus decay radioisotopes
 *BT1 hours living radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 yttrium isotopes

YTTRIUM 94

*BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 yttrium isotopes

YTTRIUM 95

*BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 yttrium isotopes

YTTRIUM 96

*BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

*BT1 seconds living radioisotopes

*BT1 yttrium isotopes

YTTRIUM 97

*BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 milliseconds living radioisotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes
 *BT1 yttrium isotopes

YTTRIUM 98

*BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 milliseconds living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes
 *BT1 yttrium isotopes

YTTRIUM 99

*BT1 beta-minus decay radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes
 *BT1 yttrium isotopes

YTTRIUM ADDITIONS*1996-01-25**Alloys containing not more than 1% Y are listed here.*

RT yttrium alloys

YTTRIUM ALLOYS*1995-02-27**Alloys containing more than 1% Y.*

*BT1 transition element alloys

NT1 alloy-c-103

NT1 ge 2541

NT1 yttrium base alloys

RT yttrium additions

yttrium aluminium garnets

USE aluminium oxides

USE ferrite garnets

USE yttrium compounds

YTTRIUM ARSENIDES*INIS: 1996-07-15; ETDE: 1976-09-14*

(From June 1996 to February 2008 YTTRIUM COMPOUNDS + ARSENIDES was used for this concept.)

*BT1 arsenides

*BT1 yttrium compounds

YTTRIUM BASE ALLOYS

*BT1 yttrium alloys

YTTRIUM BORIDES

*BT1 borides

*BT1 yttrium compounds

YTTRIUM BROMIDES

*BT1 bromides

*BT1 yttrium halides

YTTRIUM CARBIDES

*BT1 carbides

*BT1 yttrium compounds

YTTRIUM CARBONATES

*BT1 carbonates

*BT1 yttrium compounds

YTTRIUM CHLORIDES

*BT1 chlorides

*BT1 yttrium halides

YTTRIUM COMPLEXES

*BT1 transition element complexes

YTTRIUM COMPOUNDS*1997-06-19*

UF yttrium aluminium garnets

BT1 transition element compounds

NT1 yttrium arsenides

NT1 yttrium borides

NT1 yttrium carbides

NT1 yttrium carbonates

NT1 yttrium halides

NT2 yttrium bromides

NT2 yttrium chlorides

NT2 yttrium fluorides

NT2 yttrium iodides

NT1 yttrium hydrides

NT1 yttrium hydroxides

NT1 yttrium nitrates

NT1 yttrium nitrides

NT1 yttrium oxides

NT2 alloy-in-853

NT1 yttrium perchlorates

NT1 yttrium phosphates

NT1 yttrium phosphides

NT1 yttrium selenides

NT1 yttrium silicates

NT1 yttrium silicides

NT1 yttrium sulfates

NT1 yttrium sulfides

NT1 yttrium tellurides

NT1 yttrium tungstates

YTTRIUM FLUORIDES

*BT1 fluorides

*BT1 yttrium halides

YTTRIUM HALIDES*2012-07-25*

*BT1 halides

*BT1 yttrium compounds

NT1 yttrium bromides

NT1 yttrium chlorides

NT1 yttrium fluorides

NT1 yttrium iodides

YTTRIUM HYDRIDES

*BT1 hydrides

*BT1 yttrium compounds

YTTRIUM HYDROXIDES

*BT1 hydroxides

*BT1 yttrium compounds

YTTRIUM IODIDES

*BT1 iodides

*BT1 yttrium halides

YTTRIUM IONS

*BT1 ions

YTTRIUM ISOTOPES*1999-07-16*

BT1 isotopes

NT1 yttrium 100

NT1 yttrium 101

NT1 yttrium 102

NT1 yttrium 103

NT1 yttrium 104

NT1 yttrium 105

NT1 yttrium 106

NT1 yttrium 107

NT1 yttrium 108

NT1 yttrium 76

NT1 yttrium 77

NT1 yttrium 78

NT1 yttrium 79

NT1 yttrium 80

NT1 yttrium 81

NT1 yttrium 82

NT1 yttrium 83

NT1 yttrium 84

NT1 yttrium 85

NT1 yttrium 86

NT1 yttrium 87

NT1 yttrium 88

NT1 yttrium 89

NT1 yttrium 90
 NT1 yttrium 91
 NT1 yttrium 92
 NT1 yttrium 93
 NT1 yttrium 94
 NT1 yttrium 95
 NT1 yttrium 96
 NT1 yttrium 97
 NT1 yttrium 98
 NT1 yttrium 99

YTTRIUM NITRATES

*BT1 nitrates
 *BT1 yttrium compounds

YTTRIUM NITRIDES

*BT1 nitrides
 *BT1 yttrium compounds

YTTRIUM ORES

BT1 ores

YTTRIUM OXIDES

*BT1 oxides
 *BT1 yttrium compounds
 NT1 alloy-in-853

YTTRIUM PERCHLORATES

1991-09-16
 *BT1 perchlorates
 *BT1 yttrium compounds

YTTRIUM PHOSPHATES

*BT1 phosphates
 *BT1 yttrium compounds
 RT phosphate minerals
 RT xenotime

YTTRIUM PHOSPHIDES

INIS: 1977-01-25; ETDE: 1976-08-04
 *BT1 phosphides
 *BT1 yttrium compounds

YTTRIUM SELENIDES

INIS: 2000-04-12; ETDE: 1975-11-28
 *BT1 selenides
 *BT1 yttrium compounds

YTTRIUM SILICATES

1996-07-08
 *BT1 silicates
 *BT1 yttrium compounds
 RT kainosite
 RT silicate minerals

YTTRIUM SILICIDES

INIS: 1977-07-05; ETDE: 1976-05-13
 *BT1 silicides
 *BT1 yttrium compounds

YTTRIUM SULFATES

*BT1 sulfates
 *BT1 yttrium compounds

YTTRIUM SULFIDES

*BT1 sulfides
 *BT1 yttrium compounds

YTTRIUM TELLURIDES

INIS: 1978-11-24; ETDE: 1975-11-28
 *BT1 tellurides
 *BT1 yttrium compounds

YTTRIUM TUNGSTATES

INIS: 1980-02-26; ETDE: 1980-03-29
 *BT1 tungstates
 *BT1 yttrium compounds

YUCCA MOUNTAIN

INIS: 1985-01-17; ETDE: 1984-06-29
 BT1 mountains
 RT nevada
 RT nevada test site
 RT radioactive waste disposal

yugoslav triga-mk-2 reactor

INIS: 1984-06-22; ETDE: 2002-05-24
 USE triga-2-ljubljana reactor

yugoslav triga-mk-ii reactor

2000-04-12
 USE triga-2-ljubljana reactor

yugoslavia

(Prior to March 2004 this was a valid descriptor.)
 SEE bosnia and herzegovina
 SEE croatia
 SEE montenegro
 SEE serbia
 SEE slovenia
 SEE the former yugoslav republic of macedonia

yugoslavia (macedonia)

INIS: 1997-06-05; ETDE: 1998-04-10
 USE the former yugoslav republic of macedonia

yugoslavia r-a reactor vinca

USE r-a reactor

yugoslavia r-b reactor vinca

USE r-b reactor

YUKAWA NONLOCAL THEORY

UF non-local quantum field theory
 UF nonlocal quantum field theory
 *BT1 quantum field theory

YUKAWA POTENTIAL

*BT1 nuclear potential
 RT nucleon-nucleon potential
 RT nucleons

YUKON RIVER

INIS: 1992-06-04; ETDE: 1978-10-25
 *BT1 rivers
 RT alaska

YUKON TERRITORY

INIS: 1979-01-18; ETDE: 1979-02-23
 *BT1 canada

YVON METHOD

BT1 calculation methods
 RT neutron transport theory
 RT spherical harmonics
 RT transport theory

Z CENTERS

*BT1 color centers

Z CODES

BT1 computer codes

Z NEUTRAL BOSONS

INIS: 1986-03-04; ETDE: 1985-10-11
 (Prior to October 1985 this concept was indexed to INTERMEDIATE VECTOR BOSONS in ETDE.)
 *BT1 intermediate vector bosons
 RT zinos

z pinch devices (linear)

USE linear z pinch devices

Z*BARYONS

INIS: 1995-07-17; ETDE: 1988-03-11
 (Prior to December 1987 this concept was indexed by Z*RESONANCES.)
 UF z*resonances
 *BT1 hyperons

z*resonances

1987-12-21
 (Prior to December 1987 this was a valid descriptor.)
 USE z*baryons

ZACHARIASEN MODEL

RT quantum field theory

zaire republic

1997-08-20
 (Until August 1997 this was a valid descriptor.)
 USE democratic republic of the congo

ZAMAK

2000-04-12
 *BT1 aluminium alloys
 *BT1 cadmium additions
 *BT1 copper alloys
 *BT1 iron additions
 *BT1 magnesium additions
 *BT1 tin additions
 *BT1 zinc base alloys

ZAMBIA

UF northern rhodesia
 UF rhodesia (northern)
 BT1 africa
 BT1 developing countries

ZAPOROZHE-1 REACTOR

INIS: 1984-08-23; ETDE: 1984-09-20
 Ukraine.
 *BT1 wwer type reactors

ZAPOROZHE-2 REACTOR

INIS: 1986-12-09; ETDE: 1987-02-24
 Ukraine.
 *BT1 wwer type reactors

ZAPOROZHE-3 REACTOR

INIS: 1990-01-29; ETDE: 1990-02-13
 Ukraine.
 *BT1 wwer type reactors

ZAPOROZHE-4 REACTOR

INIS: 1990-01-29; ETDE: 1990-02-13
 Ukraine.
 *BT1 wwer type reactors

ZAPOROZHE-5 REACTOR

2001-02-21
 Ukraine.
 *BT1 wwer type reactors

ZAPOROZHE-6 REACTOR

2001-02-21
 Ukraine.
 *BT1 wwer type reactors

zarnowiec reactor

INIS: 2000-04-12; ETDE: 1977-03-04
 (Prior to May 2001, this was a valid ETDE descriptor with BT1 PWR TYPE REACTORS.)
 USE wwr type reactors

zea mays

USE maize

ZEBRA REACTOR

UKAEA, Winfrith, United Kingdom.
 Decommissioned since 2006.
 UF zero energy breeder reactor assembly
 *BT1 fbr type reactors
 *BT1 research reactors
 *BT1 zero power reactors
 RT enriched uranium reactors
 RT plutonium reactors

ZED-2 REACTOR

UF chalk river zed-2 reactor

- UF organic cooled and heavy water moderated chalk river reactor
 UF organic cooled heavy water moderated chalk river reactor
 *BT1 air cooled reactors
 *BT1 heavy water cooled reactors
 *BT1 heavy water moderated reactors
 *BT1 natural uranium reactors
 *BT1 organic cooled reactors
 *BT1 tank type reactors
 *BT1 thermal reactors

ZEEMAN EFFECT

- UF zeeman resonance
 UF zeeman spectrum
 UF zeeman transition
 RT double resonance methods
 RT magnetic fields
 RT magneto-optical effects
 RT paschen-back effect
 RT spectral shift

zeeman resonance

- USE zeeman effect

zeeman spectrum

- USE zeeman effect

zeeman transition

- USE zeeman effect

ZEEP REACTOR

Chalk River, Ontario, Canada.

Decommissioned since 1973.

- UF zero energy experimental pile
 *BT1 heavy water moderated reactors
 *BT1 natural uranium reactors
 *BT1 plutonium reactors
 *BT1 research reactors
 *BT1 tank type reactors
 *BT1 zero power reactors

ZEIN

INIS: 2000-04-12; ETDE: 1986-01-24

A protein powder derived from maize that contributes the major portion of the protein nutrient value of corn.

- *BT1 proteins
 RT maize

zemach-glauber formalism

1996-07-15

(Until June 1996 this was a valid descriptor.)

- SEE scattering
 SEE thermal neutrons

zener diodes

- USE junction diodes

ZENITH REACTOR

Decommissioned since 1975.

- UF zero energy nitrogen heated thermal reactor
 *BT1 graphite moderated reactors
 *BT1 nitrogen cooled reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 zero power reactors
 RT enriched uranium reactors
 RT plutonium reactors
 RT thorium reactors

zentralinstitut fuer isotopen- und strahlenforschung leipzig

INIS: 1993-11-10; ETDE: 2002-05-24

- USE zfi leipzig

zentralinstitut fuer kernforschung

INIS: 1993-11-10; ETDE: 1991-05-17

- USE zfk rossendorf

ZEOLITES

A class of hydrated silicates of aluminium and either sodium or calcium or both.

(From April 1975 until March 1996

ANALCIME was a valid ETDE descriptor.)

- UF analcime
 *BT1 inorganic ion exchangers
 *BT1 silicate minerals
 NT1 clinoptilolite
 NT1 faujasite
 NT1 heulandite
 NT1 laumontite
 NT1 mordenite
 NT1 wairakite
 RT desiccants

ZEPHYR REACTOR

Decommissioned

- UF zero energy fast reactor-zephyr
 *BT1 fast reactors
 *BT1 materials testing reactors
 *BT1 natural uranium reactors
 *BT1 plutonium reactors
 *BT1 zero power reactors

zeran linac

INIS: 1996-07-23; ETDE: 1979-05-25

(Until July 1996 this was a valid descriptor.)

- USE linear accelerators

ZERLINA REACTOR

Bhabha Atomic Research Centre, Trombay, Maharashtra, India. Decommissioned since 1983.

- UF zero energy reactor for lattice invest. and new assemblies
 *BT1 heavy water moderated reactors
 *BT1 organic moderated reactors
 *BT1 research reactors
 *BT1 thermal reactors
 *BT1 zero power reactors

zero-emission vehicles

2005-07-05

- USE low-emission vehicles

zero energy balance

ETDE: 1976-05-19

- USE breakeven

zero energy breeder reactor assembly

1993-11-10

- USE zebra reactor

zero energy experimental pile

- USE zEEP reactor

zero energy fast reactor-zephyr

1993-11-10

- USE zephyr reactor

zero energy nitrogen heated thermal reactor

1993-11-10

- USE zenith reactor

zero energy reactor for lattice invest. and new assemblies

1993-11-10

- USE zerlina reactor

zero gradient synchrotron

- USE zgs

zero gravity

INIS: 2000-04-12; ETDE: 1981-12-21

- USE weightlessness

zero net carbon emission

2016-03-22

- USE carbon neutrality

zero power critical experiment minerve

2000-04-12

- USE minerve reactor

zero power reactor (cornell university)

INIS: 1993-11-10; ETDE: 2002-05-24

- USE zpr reactor

ZERO POWER REACTORS

1995-12-08

- UF cepfr-1 reactor
 UF critical assemblies
 UF hitrex-2 reactor
 UF in-core thermionic reactor
 UF itr reactor
 UF sr-Of reactor
 UF thermionic reactor critical experiments
 UF trce(thermionic reactor critical experiments)
 SF berkeley nuclear laboratory reactor
 SF bnl reactor
 SF fcel reactor
 *BT1 experimental reactors
 NT1 agata reactor
 NT1 agn-201k reactor
 NT1 akr-1 reactor
 NT1 anex reactor
 NT1 anna reactor
 NT1 apfa-3 reactor
 NT1 aquilon reactor
 NT1 bfs reactor
 NT1 big ten reactor
 NT1 cfrmf reactor
 NT1 cml reactor
 NT1 coral-1 reactor
 NT1 crocus reactor
 NT1 dca reactor
 NT1 dimple reactor
 NT1 ecel reactor
 NT1 entc lwsr reactor
 NT1 ermine reactor
 NT1 etrc reactor
 NT1 fca reactor
 NT1 flattop reactor
 NT1 fr-0 reactor
 NT1 giacint reactor
 NT1 godiva reactor
 NT1 hero reactor
 NT1 hitrex-1 reactor
 NT1 horace reactor
 NT1 hzwpr reactor
 NT1 iea-zpr reactor
 NT1 ifr reactor
 NT1 ipen-mb-1 reactor
 NT1 jezebel reactor
 NT1 junco reactor
 NT1 kahter reactor
 NT1 kbr-1 reactor
 NT1 kritz reactor
 NT1 kuca reactor
 NT1 lptf reactor
 NT1 lr-0 reactor
 NT1 lvr-15 reactor
 NT1 marius reactor
 NT1 maryla reactor
 NT1 masurca reactor
 NT1 minerve reactor
 NT1 neptune reactor
 NT1 nsf-rfp reactor
 NT1 or-cef reactor
 NT1 ornl-pca reactor
 NT1 parka reactor
 NT1 pdp reactor
 NT1 peggy reactor
 NT1 pelinduna reactor
 NT1 plasma core assembly

NT1 prcf reactor
NT1 ptf-unc reactor
NT1 purnima-2 reactor
NT1 purnima reactor
NT1 r-b reactor
NT1 ra-0 reactor
NT1 ra-2 reactor
NT1 ra-8 reactor
NT1 rake-2 reactor
NT1 rb-1 reactor
NT1 rb-3 reactor
NT1 renselaer critical facility
NT1 ritmo reactor
NT1 rospo reactor
NT1 rp-0 reactor
NT1 saref reactor
NT1 shca reactor
NT1 silene reactor
NT1 silhouette reactor
NT1 sm-1 subcritical assembly
NT1 sneak reactor
NT1 split table reactor
NT1 sr-oa reactor
NT1 stacy reactor
NT1 tca reactor
NT1 tnrc reactor
NT1 tr-0 reactor
NT1 tracy reactor
NT1 vera reactor
NT1 wwr-k cf reactor
NT1 zebra reactor
NT1 zeep reactor
NT1 zenith reactor
NT1 zephyr reactor
NT1 zerlina reactor
NT1 zlfr reactor
NT1 zppr reactor
NT1 zpr-3 reactor
NT1 zpr-6 reactor
NT1 zpr-9 reactor
NT1 zpr reactor
NT1 zr-6 reactor
RT reactor lattices

zero power research reactor-3 (anl)

INIS: 1993-11-10; ETDE: 2002-05-24
USE zpr-3 reactor

zero power research reactor-6 (anl)

INIS: 1993-11-10; ETDE: 2002-05-24
USE zpr-6 reactor

zero power research reactor-9 (anl)

INIS: 1993-11-10; ETDE: 2002-05-24
USE zpr-9 reactor

ZERO-RANGE APPROXIMATION

***BT1** approximations
RT elastic scattering
RT finite-range interactions
RT nuclear reaction kinetics

ZERO SOUND

RT sound waves
RT superfluidity
RT wave propagation

zet pinch

USE longitudinal pinch

ZETA DEVICES

***BT1** tlp devices

zeunerite

1996-07-15
 (Until June 1996 this was a valid descriptor.)
USE oxide minerals
USE uranium minerals

ZFI LEIPZIG

INIS: 1986-05-23; ETDE: 1986-11-18
Zentralinstitut fuer Isotopen- und Strahlenforschung, Leipzig.
UF institut fuer isotopen- und strahlenforschung leipzig
UF leipzig zfi
UF zentralinstitut fuer isotopen- und strahlenforschung leipzig
***BT1** german fr organizations

ZFK ROSSENDORF

INIS: 1977-02-08; ETDE: 1977-04-13
Zentralinstitut fuer Kernforschung, Rossendorf, Germany.
UF rossendorf zfk
UF zentralinstitut fuer kernforschung
***BT1** german fr organizations

ZGS

UF argonne zgs
UF zero gradient synchrotron
***BT1** synchrotrons

zhuravlev process

2000-04-12
 (Prior to July 1993, this was a valid ETDE descriptor.)
USE coal gasification

ZIEGLER CATALYST

BT1 catalysts
RT catalysis

ZIKA VIRUS

2018-07-17
***BT1** viruses
RT mosquitoes
RT viral diseases

ZIMBABWE

INIS: 1980-09-12; ETDE: 1980-10-07
 (Prior to October 1980 this concept was indexed to SOUTHERN RHODESIA in ETDE.)
BT1 africa
BT1 developing countries
NT1 southern rhodesia

ZIMMER-1 REACTOR

Cincinnati Gas and Electric Co., Moscow, Ohio, USA. Canceled in 1984 before construction began.
UF william h. zimmer-1 reactor
***BT1** bwr type reactors

ZIMMER-2 REACTOR

1980-02-26
Cincinnati Gas and Electric Co., Moscow, Ohio, USA. Canceled in 1978 before construction began.
UF william h. zimmer-2 reactor
***BT1** bwr type reactors

ZINC

***BT1** metals

ZINC 54

2008-01-28
***BT1** even-even nuclei
***BT1** intermediate mass nuclei
***BT1** proton decay radioisotopes
***BT1** zinc isotopes

ZINC 55

2008-01-28
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** intermediate mass nuclei
***BT1** proton decay radioisotopes
***BT1** zinc isotopes

ZINC 56

2008-01-28
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** intermediate mass nuclei
***BT1** proton decay radioisotopes
***BT1** zinc isotopes

ZINC 57

INIS: 1976-05-05; ETDE: 1976-06-07
***BT1** beta-plus decay radioisotopes
***BT1** even-odd nuclei
***BT1** intermediate mass nuclei
***BT1** milliseconds living radioisotopes
***BT1** zinc isotopes

ZINC 58

INIS: 1986-09-26; ETDE: 1984-05-08
***BT1** even-even nuclei
***BT1** intermediate mass nuclei
***BT1** zinc isotopes

ZINC 59

INIS: 1982-06-09; ETDE: 1982-03-10
***BT1** beta-plus decay radioisotopes
***BT1** even-odd nuclei
***BT1** intermediate mass nuclei
***BT1** milliseconds living radioisotopes
***BT1** zinc isotopes

ZINC 60

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** intermediate mass nuclei
***BT1** minutes living radioisotopes
***BT1** zinc isotopes

ZINC 61

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** intermediate mass nuclei
***BT1** minutes living radioisotopes
***BT1** zinc isotopes

ZINC 62

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-even nuclei
***BT1** hours living radioisotopes
***BT1** intermediate mass nuclei
***BT1** zinc isotopes

ZINC 63

***BT1** beta-plus decay radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** intermediate mass nuclei
***BT1** minutes living radioisotopes
***BT1** zinc isotopes

ZINC 64

***BT1** even-even nuclei
***BT1** intermediate mass nuclei
***BT1** stable isotopes
***BT1** zinc isotopes

ZINC 64 REACTIONS

INIS: 1983-10-14; ETDE: 1983-11-09
***BT1** heavy ion reactions

ZINC 64 TARGET

ETDE: 1976-07-09
BT1 targets

ZINC 65

***BT1** beta-plus decay radioisotopes
***BT1** days living radioisotopes
***BT1** electron capture radioisotopes
***BT1** even-odd nuclei
***BT1** intermediate mass nuclei

*BT1 zinc isotopes

ZINC 65 TARGET

INIS: 1984-05-24; ETDE: 1984-02-10

BT1 targets

ZINC 66

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 zinc isotopes

ZINC 66 TARGET

ETDE: 1976-07-09

BT1 targets

ZINC 67

*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 zinc isotopes

ZINC 67 TARGET

ETDE: 1976-07-09

BT1 targets

ZINC 68

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 zinc isotopes

ZINC 68 REACTIONS

INIS: 1976-03-02; ETDE: 1976-04-19

*BT1 heavy ion reactions

ZINC 68 TARGET

ETDE: 1976-07-09

BT1 targets

ZINC 69

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 isomeric transition isotopes
*BT1 minutes living radioisotopes
*BT1 zinc isotopes

ZINC 70

*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 stable isotopes
*BT1 zinc isotopes

ZINC 70 REACTIONS

INIS: 1978-02-23; ETDE: 1978-05-01

*BT1 heavy ion reactions

ZINC 70 TARGET

ETDE: 1976-07-09

BT1 targets

ZINC 71

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 hours living radioisotopes
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 zinc isotopes

ZINC 72

*BT1 beta-minus decay radioisotopes
*BT1 days living radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 zinc isotopes

ZINC 73

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 zinc isotopes

ZINC 74

1976-11-08

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 minutes living radioisotopes
*BT1 zinc isotopes

ZINC 75

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 zinc isotopes

ZINC 76

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 zinc isotopes

ZINC 77

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 zinc isotopes

ZINC 78

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 zinc isotopes

ZINC 79

INIS: 1977-06-13; ETDE: 1976-07-07

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 seconds living radioisotopes
*BT1 zinc isotopes

ZINC 80

INIS: 1985-06-07; ETDE: 1985-07-18

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 zinc isotopes

ZINC 81

1992-03-18

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 milliseconds living radioisotopes
*BT1 zinc isotopes

ZINC 82

2008-01-28

*BT1 beta-minus decay radioisotopes
*BT1 even-even nuclei
*BT1 intermediate mass nuclei
*BT1 zinc isotopes

ZINC 83

2008-01-28

*BT1 beta-minus decay radioisotopes
*BT1 even-odd nuclei
*BT1 intermediate mass nuclei
*BT1 zinc isotopes

ZINC ADDITIONS

Alloys containing not more than 1% Zn are listed here.

*BT1 zinc alloys
NT1 nickeline alloy

ZINC-AIR BATTERIES

2000-04-12

*BT1 metal-gas batteries

ZINC ALLOYS

1996-06-28

Alloys containing more than 1% Zn.

UF german silver
UF nickel silver
UF white copper
BT1 alloys
NT1 brass
NT2 brass-alpha
NT2 brass-beta
NT1 lynite
NT1 magnesium alloy-az31b
NT1 magnesium alloy-ez
NT1 magnesium alloy-zr
NT1 muntz metal
NT1 ounce metal
NT1 zinc additions
NT2 nickeline alloy
NT1 zinc base alloys
NT2 zamak

ZINC ARSENIDES

1978-07-03

*BT1 arsenides
BT1 zinc compounds

ZINC BASE ALLOYS

*BT1 zinc alloys
NT1 zamak

ZINC BORIDES

*BT1 borides
BT1 zinc compounds

ZINC BROMIDES

*BT1 bromides
*BT1 zinc halides

ZINC-BROMINE BATTERIES

INIS: 1992-09-30; ETDE: 1979-02-23

*BT1 metal-nonmetal batteries

ZINC CARBIDES

*BT1 carbides
BT1 zinc compounds

ZINC CARBONATES

*BT1 carbonates
BT1 zinc compounds

ZINC CHLORIDES

*BT1 chlorides
*BT1 zinc halides

ZINC-CHLORINE BATTERIES

2000-04-12

*BT1 metal-gas batteries

ZINC COMPLEXES

BT1 complexes

ZINC COMPOUNDS

1997-06-19

NT1 zinc arsenides
NT1 zinc borides
NT1 zinc carbides
NT1 zinc carbonates
NT1 zinc halides
NT2 zinc bromides
NT2 zinc chlorides
NT2 zinc fluorides
NT2 zinc iodides
NT1 zinc hydrides
NT1 zinc hydroxides
NT1 zinc nitrates
NT1 zinc nitrides
NT1 zinc oxides
NT1 zinc perchlorates
NT1 zinc phosphates

NT1 zinc phosphides
NT1 zinc selenides
NT1 zinc silicates
NT1 zinc silicides
NT1 zinc sulfates
NT1 zinc sulfides
NT1 zinc tellurides
NT1 zinc tungstates
NT1 zincates

zinc distillation process

INIS: 1980-07-24; ETDE: 1979-12-10

USE pyrochemical reprocessing

ZINC FLUORIDES

*BT1 fluorides
*BT1 zinc halides

zinc halide process

INIS: 2000-04-12; ETDE: 1976-07-07

Conoco Coal Development Company process
using zinc halide catalyst for the
hydrogenation and hydrocracking of coal
extract and of subbituminous coal.

(Prior to March 1994, this was a valid ETDE
descriptor.)

USE coal liquefaction

ZINC HALIDES

1991-09-16

*BT1 halides
BT1 zinc compounds
NT1 zinc bromides
NT1 zinc chlorides
NT1 zinc fluorides
NT1 zinc iodides

ZINC HYDRIDES

1976-11-08

*BT1 hydrides
BT1 zinc compounds

ZINC HYDROXIDES

*BT1 hydroxides
BT1 zinc compounds

ZINC IODIDES

*BT1 iodides
*BT1 zinc halides

ZINC IONS

*BT1 ions

ZINC ISOTOPES

1999-07-16

BT1 isotopes
NT1 zinc 54
NT1 zinc 55
NT1 zinc 56
NT1 zinc 57
NT1 zinc 58
NT1 zinc 59
NT1 zinc 60
NT1 zinc 61
NT1 zinc 62
NT1 zinc 63
NT1 zinc 64
NT1 zinc 65
NT1 zinc 66
NT1 zinc 67
NT1 zinc 68
NT1 zinc 69
NT1 zinc 70
NT1 zinc 71
NT1 zinc 72
NT1 zinc 73
NT1 zinc 74
NT1 zinc 75
NT1 zinc 76
NT1 zinc 77
NT1 zinc 78
NT1 zinc 79

NT1 zinc 80
NT1 zinc 81
NT1 zinc 82
NT1 zinc 83

ZINC-MANGANESE BATTERIES

2000-04-12

*BT1 metal-metal oxide batteries

ZINC NITRATES

*BT1 nitrates
BT1 zinc compounds

ZINC NITRIDES

2000-04-12

*BT1 nitrides
BT1 zinc compounds

ZINC ORES

BT1 ores

ZINC OXIDES

*BT1 oxides
BT1 zinc compounds

ZINC PERCHLORATES

2000-04-12

*BT1 perchlorates
BT1 zinc compounds

ZINC PHOSPHATES

*BT1 phosphates
BT1 zinc compounds

ZINC PHOSPHIDE SOLAR CELLS

INIS: 2000-04-12; ETDE: 1981-01-30

*BT1 solar cells

ZINC PHOSPHIDES

INIS: 1978-04-21; ETDE: 1975-12-16

*BT1 phosphides
BT1 zinc compounds

ZINC SELENIDES

*BT1 selenides
BT1 zinc compounds

ZINC SILICATES

*BT1 silicates
BT1 zinc compounds

ZINC SILICIDES

2000-04-12

*BT1 silicides
BT1 zinc compounds

ZINC SULFATES

*BT1 sulfates
BT1 zinc compounds

ZINC SULFIDE SOLAR CELLS

INIS: 2000-04-12; ETDE: 1981-07-18

*BT1 solar cells

ZINC SULFIDES

*BT1 inorganic phosphors
*BT1 sulfides
BT1 zinc compounds

ZINC TELLURIDES

1976-02-11

*BT1 tellurides
BT1 zinc compounds

ZINC TUNGSTATES

INIS: 1981-11-25; ETDE: 1982-01-07

*BT1 tungstates
BT1 zinc compounds

ZINCATES

INIS: 2000-04-12; ETDE: 1976-03-11

BT1 zinc compounds

ZINOS

2013-08-26

*BT1 sparticles
RT neutralinos
RT z neutral bosons

ZION-1 REACTOR

Commonwealth Edison Co., Zion, Illinois,
USA. Shut down in 1997.

UF zion station unit-1

*BT1 pwr type reactors

ZION-2 REACTOR

Commonwealth Edison Co., Zion, Illinois,
USA. Shut down in 1996.

UF zion station unit-2

*BT1 pwr type reactors

zion station unit-1

USE zion-1 reactor

zion station unit-2

USE zion-2 reactor

zippeite

1997-01-28

(Until October 1996 this was a valid
descriptor.)

USE sulfate minerals

USE uranium minerals

ZIRCALOY

For unspecified Zircaloy alloys.

*BT1 zirconium base alloys

NT1 alloy-zr98sn-2

NT2 zircaloy 2

NT1 alloy-zr98sn-4

NT2 zircaloy 4

ZIRCALOY 2

1993-10-03

*BT1 alloy-zr98sn-2

ZIRCALOY 4

1993-10-03

*BT1 alloy-zr98sn-4

ZIRCON

*BT1 silicate minerals

RT caldasite

RT zirconium silicates

ZIRCONATES

Specific compounds should be indexed by
coordination of a descriptor of the form
(CATION) COMPOUNDS and the above
anion descriptor, except for the NTs listed
below.

BT1 oxygen compounds

*BT1 zirconium compounds

NT1 plzt

NT1 pzt

RT zirconium oxides

ZIRCONIUM

*BT1 transition elements

NT1 zirconium-alpha

NT1 zirconium-beta

NT1 zirconium-omega

ZIRCONIUM 100

*BT1 beta-minus decay radioisotopes

*BT1 even-even nuclei

*BT1 intermediate mass nuclei

*BT1 seconds living radioisotopes

*BT1 zirconium isotopes

ZIRCONIUM 101

*BT1 beta-minus decay radioisotopes

*BT1 even-odd nuclei

*BT1 intermediate mass nuclei

*BT1 seconds living radioisotopes

*BT1 zirconium isotopes

ZIRCONIUM 102

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 103

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 104

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 105

2006-09-04

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 106

2007-05-14

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 zirconium isotopes

ZIRCONIUM 107

2007-05-14

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 zirconium isotopes

ZIRCONIUM 108

2007-05-14

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 zirconium isotopes

ZIRCONIUM 109

2006-09-04

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 nanoseconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 110

2007-05-14

- *BT1 beta-minus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 zirconium isotopes

ZIRCONIUM 78

2007-05-14

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 zirconium isotopes

ZIRCONIUM 79

2007-05-14

- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 milliseconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 80

- *BT1 even-even nuclei

- *BT1 intermediate mass nuclei

- *BT1 zirconium isotopes

ZIRCONIUM 81

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 82

- *BT1 beta-plus decay radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 83

- *BT1 beta-plus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 84

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 85

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 seconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 86

- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 zirconium isotopes

ZIRCONIUM 87

- *BT1 beta-plus decay radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 seconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 88

- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 zirconium isotopes

ZIRCONIUM 89

- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 90

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 stable isotopes

- *BT1 zirconium isotopes

ZIRCONIUM 90 REACTIONS

INIS: 1984-06-21; ETDE: 1984-07-10

- *BT1 heavy ion reactions

ZIRCONIUM 90 TARGET

ETDE: 1976-07-09

- BT1 targets

ZIRCONIUM 91

- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 zirconium isotopes

ZIRCONIUM 91 TARGET

ETDE: 1976-07-09

- BT1 targets

ZIRCONIUM 92

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 zirconium isotopes

ZIRCONIUM 92 REACTIONS

INIS: 1985-01-17; ETDE: 1985-02-22

- *BT1 heavy ion reactions

ZIRCONIUM 92 TARGET

ETDE: 1976-07-09

- BT1 targets

ZIRCONIUM 93

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 years living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 93 TARGET

INIS: 1986-01-21; ETDE: 1981-08-21

- BT1 targets

ZIRCONIUM 94

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 zirconium isotopes

ZIRCONIUM 94 TARGET

ETDE: 1976-07-09

- BT1 targets

ZIRCONIUM 95

- *BT1 beta-minus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 zirconium isotopes

ZIRCONIUM 96

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 stable isotopes
- *BT1 zirconium isotopes

ZIRCONIUM 96 REACTIONS

INIS: 1985-01-17; ETDE: 1985-02-22

- *BT1 heavy ion reactions

ZIRCONIUM 96 TARGET

ETDE: 1976-07-09

- BT1 targets

ZIRCONIUM 97

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 zirconium isotopes

ZIRCONIUM 98

- *BT1 beta-minus decay radioisotopes

- *BT1 even-even nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM 99

- *BT1 beta-minus decay radioisotopes
- *BT1 even-odd nuclei
- *BT1 intermediate mass nuclei
- *BT1 seconds living radioisotopes
- *BT1 zirconium isotopes

ZIRCONIUM ADDITIONS

1996-07-17

Alloys containing not more than 1% Zr are listed here.

- *BT1 zirconium alloys
- NT1 alloy-in-102
- NT1 alloy-mo99
- NT2 alloy-tzm
- NT2 alloy-zm-2a
- NT1 alloy-mo99b
- NT1 alloy-n-10m
- NT1 alloy-n-9m
- NT1 alloy-ni43fe33cr16mo3
- NT2 nimonic pe16
- NT1 alloy-ni46cr23co19ti5al4
- NT2 alloy-in-939
- NT1 alloy-ni55co17cr15mo5al4ti4
- NT2 astroloy
- NT1 alloy-ni58cr20co14mo4ti3
- NT2 waspaloy
- NT1 alloy-ni59cr20co17ti2
- NT1 alloy-ni60co15cr10al6ti5mo3
- NT2 alloy-in-100
- NT1 alloy-ni61cr16co9al3ti3w3
- NT2 alloy-in-738
- NT1 alloy-ni74cr13al6mo4
- NT2 inconel 713c
- NT1 alloy-ni75cr12al6mo5
- NT2 inconel 713lc
- NT1 alloy-ni76cr20ti2
- NT2 nimonic 80a
- NT1 magnesium alloy-ek
- NT1 magnesium alloy-ez
- NT1 magnesium alloy-hk31a
- NT1 rene 80
- NT1 rene 95

ZIRCONIUM ALLOYS

1995-02-27

Alloys containing more than 1% Zr.

- UF transage 129
- UF transage 134
- *BT1 transition element alloys
- NT1 alloy-c-103
- NT1 alloy-ti89al6mo3
- NT1 alloy-ti90al6
- NT1 alloy-u90nb7zr3
- NT1 alloy-v87cr9fe3
- NT1 zirconium additions
- NT2 alloy-in-102
- NT2 alloy-mo99
- NT3 alloy-tzm
- NT3 alloy-zm-2a
- NT2 alloy-mo99b
- NT2 alloy-n-10m
- NT2 alloy-n-9m
- NT2 alloy-ni43fe33cr16mo3
- NT3 nimonic pe16
- NT2 alloy-ni46cr23co19ti5al4
- NT3 alloy-in-939
- NT2 alloy-ni55co17cr15mo5al4ti4
- NT3 astroloy
- NT2 alloy-ni58cr20co14mo4ti3
- NT3 waspaloy
- NT2 alloy-ni59cr20co17ti2
- NT2 alloy-ni60co15cr10al6ti5mo3
- NT3 alloy-in-100
- NT2 alloy-ni61cr16co9al3ti3w3

- NT3 alloy-in-738
- NT2 alloy-ni74cr13al6mo4
- NT3 inconel 713c
- NT2 alloy-ni75cr12al6mo5
- NT3 inconel 713lc
- NT2 alloy-ni76cr20ti2
- NT3 nimonic 80a
- NT2 magnesium alloy-ek
- NT2 magnesium alloy-ez
- NT2 magnesium alloy-hk31a
- NT2 rene 80
- NT2 rene 95
- NT1 zirconium base alloys
- NT2 alloy-zr97nb3
- NT2 zircaloy
- NT3 alloy-zr98sn-2
- NT4 zircaloy 2
- NT3 alloy-zr98sn-4
- NT4 zircaloy 4

ZIRCONIUM-ALPHA

- *BT1 zirconium

ZIRCONIUM ARSENIDES

INIS: 1996-07-15; ETDE: 1976-12-16

(From June 1996 to February 2008

ZIRCONIUM COMPOUNDS + ARSENIDES was used for this concept.)

- *BT1 arsenides
- *BT1 zirconium compounds

ZIRCONIUM BASE ALLOYS

- *BT1 zirconium alloys
- NT1 alloy-zr97nb3
- NT1 zircaloy
- NT2 alloy-zr98sn-2
- NT3 zircaloy 2
- NT2 alloy-zr98sn-4
- NT3 zircaloy 4

ZIRCONIUM-BETA

- *BT1 zirconium

ZIRCONIUM BORIDES

- *BT1 borides
- *BT1 zirconium compounds

ZIRCONIUM BROMIDES

- *BT1 bromides
- *BT1 zirconium halides

ZIRCONIUM CARBIDES

- *BT1 carbides
- *BT1 zirconium compounds

ZIRCONIUM CARBONATES

- *BT1 carbonates
- *BT1 zirconium compounds

ZIRCONIUM CHLORIDES

- *BT1 chlorides
- *BT1 zirconium halides

ZIRCONIUM COMPLEXES

- *BT1 transition element complexes

ZIRCONIUM COMPOUNDS

1996-07-08

- BT1 transition element compounds
- NT1 zirconates
- NT2 plzt
- NT2 pzt
- NT1 zirconium arsenides
- NT1 zirconium borides
- NT1 zirconium carbides
- NT1 zirconium carbonates
- NT1 zirconium halides
- NT2 zirconium bromides
- NT2 zirconium chlorides
- NT2 zirconium fluorides
- NT2 zirconium iodides
- NT1 zirconium hydrides
- NT1 zirconium hydroxides

- NT1 zirconium nitrates
- NT1 zirconium nitrides
- NT1 zirconium oxides
- NT1 zirconium perchlorates
- NT1 zirconium phosphates
- NT1 zirconium phosphides
- NT1 zirconium selenides
- NT1 zirconium silicates
- NT1 zirconium silicides
- NT1 zirconium sulfates
- NT1 zirconium sulfides
- NT1 zirconium tellurides
- NT1 zirconium tungstates

ZIRCONIUM FLUORIDES

- *BT1 fluorides
- *BT1 zirconium halides

ZIRCONIUM HALIDES

2012-07-25

- *BT1 halides
- *BT1 zirconium compounds
- NT1 zirconium bromides
- NT1 zirconium chlorides
- NT1 zirconium fluorides
- NT1 zirconium iodides

ZIRCONIUM HYDRIDES

- *BT1 hydrides
- *BT1 zirconium compounds
- RT hydride moderators

ZIRCONIUM HYDROXIDES

- *BT1 hydroxides
- *BT1 zirconium compounds

ZIRCONIUM IODIDES

- *BT1 iodides
- *BT1 zirconium halides

ZIRCONIUM IONS

- *BT1 ions

ZIRCONIUM ISOTOPES

1999-07-16

- BT1 isotopes
- NT1 zirconium 100
- NT1 zirconium 101
- NT1 zirconium 102
- NT1 zirconium 103
- NT1 zirconium 104
- NT1 zirconium 105
- NT1 zirconium 106
- NT1 zirconium 107
- NT1 zirconium 108
- NT1 zirconium 109
- NT1 zirconium 110
- NT1 zirconium 78
- NT1 zirconium 79
- NT1 zirconium 80
- NT1 zirconium 81
- NT1 zirconium 82
- NT1 zirconium 83
- NT1 zirconium 84
- NT1 zirconium 85
- NT1 zirconium 86
- NT1 zirconium 87
- NT1 zirconium 88
- NT1 zirconium 89
- NT1 zirconium 90
- NT1 zirconium 91
- NT1 zirconium 92
- NT1 zirconium 93
- NT1 zirconium 94
- NT1 zirconium 95
- NT1 zirconium 96
- NT1 zirconium 97
- NT1 zirconium 98
- NT1 zirconium 99

ZIRCONIUM NITRATES

- *BT1 nitrates

*BT1 zirconium compounds

ZIRCONIUM NITRIDES

*BT1 nitrides

*BT1 zirconium compounds

ZIRCONIUM-OMEGA

*BT1 zirconium

ZIRCONIUM ORES

1986-03-04

BT1 ores

ZIRCONIUM OXIDES

*BT1 oxides

*BT1 zirconium compounds

RT baddeleyite

RT marignacite

RT naegite

RT nogizawalite

RT oxide minerals

RT zirconates

RT zirconolite

ZIRCONIUM PERCHLORATES

INIS: 1981-02-27; ETDE: 1978-03-03

*BT1 perchlorates

*BT1 zirconium compounds

ZIRCONIUM PHOSPHATES

*BT1 phosphates

*BT1 zirconium compounds

ZIRCONIUM PHOSPHIDES

*BT1 phosphides

*BT1 zirconium compounds

ZIRCONIUM SELENIDES

*BT1 selenides

*BT1 zirconium compounds

ZIRCONIUM SILICATES

1996-11-13

*BT1 silicates

*BT1 zirconium compounds

RT alvite

RT lavenite

RT lovozerite

RT mesodialyte

RT silicate minerals

RT zircon

ZIRCONIUM SILICIDES

1976-11-08

*BT1 silicides

*BT1 zirconium compounds

ZIRCONIUM SULFATES

*BT1 sulfates

*BT1 zirconium compounds

ZIRCONIUM SULFIDES

*BT1 sulfides

*BT1 zirconium compounds

ZIRCONIUM TELLURIDES

INIS: 1976-11-08; ETDE: 1976-12-16

*BT1 tellurides

*BT1 zirconium compounds

ZIRCONIUM TUNGSTATES

1978-09-28

*BT1 tungstates

*BT1 zirconium compounds

ZIRCONOLITE

INIS: 1981-09-17; ETDE: 1981-06-13

*BT1 oxide minerals

RT calcium oxides

RT synroc process

RT titanium oxides

RT zirconium oxides

ZIRFLEX PROCESS

*BT1 reprocessing

RT solvent extraction

zittauer lehr- und forschungsreaktor

1980-11-07

USE zlfr reactor

ZITTERBEWEGUNG

RT quantum mechanics

ZLFR REACTOR

1980-11-07

Ingenieurhochschule, Zittau, Federal Republic of Germany. Decommissioned since 2006.

UF wwr-s-zittau reactor

UF zittauer lehr- und forschungsreaktor

*BT1 enriched uranium reactors

*BT1 research reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 training reactors

*BT1 water cooled reactors

*BT1 water moderated reactors

*BT1 zero power reactors

ZODIACAL LIGHT

UF gegenschein

UF light (zodiacal)

*BT1 electromagnetic radiation

RT interplanetary space

RT solar radiation

zoe reactor

USE el-1 reactor

ZONE MELTING

UF floating zone techniques

BT1 crystal growth methods

*BT1 melting

RT crystal growth

RT ribbon-to-ribbon method

ZONE REFINING

*BT1 refining

BT1 separation processes

RT crystallization

RT metallurgy

RT reprocessing

ZONES

NT1 brillouin zones

NT1 guinier-preston zones

NT1 heat affected zone

zones (auroral)

USE auroral zones

zones (rift)

INIS: 2000-04-12; ETDE: 1980-11-08

USE rift zones

zones (temperate)

INIS: 2000-04-12; ETDE: 1980-11-08

USE temperate zones

zoning

INIS: 2000-04-12; ETDE: 1980-05-06

USE land use

ZOOLOGY

BT1 biology

ZOOPLANKTON

INIS: 1993-07-20; ETDE: 1977-01-10

(Until July 1993, this concept was indexed by PLANKTON.)

*BT1 plankton

RT copepods

RT crustaceans

RT daphnia

RT protozoa

ZORITA-1 REACTOR

Permanent shutdown since 2006.

UF central nuclear de zorita-1

UF jose cabrera reactor

*BT1 pwr type reactors

ZPPR REACTOR

ANL/INEEL, Idaho Falls, Idaho, USA. Zero power reactor. Shut down in 1992; in standby mode.

*BT1 fast reactors

*BT1 research reactors

*BT1 zero power reactors

ZPR-3 REACTOR

ANL/INEEL, Idaho Falls, Idaho, USA.

Variously fueled, unmoderated, uncooled.

Shut down in 1970.

UF anl zero power research reactor-3

UF zero power research reactor-3 (anl)

*BT1 fast reactors

*BT1 zero power reactors

ZPR-6 REACTOR

ANL, Argonne, Illinois, USA. Variously fueled, unmoderated, uncooled. Shut down in 1981.

UF anl zero power research reactor-6

UF zero power research reactor-6 (anl)

*BT1 fast reactors

*BT1 zero power reactors

ZPR-9 REACTOR

ANL, Argonne, Illinois, USA. Uncooled. Shut down in 1982.

UF anl zero power research reactor-9

UF zero power research reactor-9 (anl)

*BT1 fast reactors

*BT1 zero power reactors

RT breeder reactors

RT propulsion reactors

ZPR REACTOR

Cornell Univ., Ward Laboratory of Nuclear Engineering, Ithaca, New York, USA.

UF cornell university zero power reactor

UF zero power reactor (cornell university)

*BT1 enriched uranium reactors

*BT1 tank type reactors

*BT1 thermal reactors

*BT1 training reactors

*BT1 zero power reactors

ZR-6 REACTOR

INIS: 1981-10-15; ETDE: 1975-07-29

Central Research Institute for Physics, Budapest, Hungary. Decommissioned since 1990. Permanent shutdown since 2006.

*BT1 water cooled reactors

*BT1 zero power reactors

ZRR REACTOR

Czechoslovakia.

*BT1 experimental reactors

*BT1 fast reactors

*BT1 sodium cooled reactors

ZT-40 DEVICES

INIS: 1978-04-21; ETDE: 1978-01-23

Los Alamos Experiment on reverse-field pinch.

*BT1 reversed-field pinch devices

RT reverse-field pinch

ZT-P DEVICES

INIS: 1986-09-26; ETDE: 1986-04-11

*BT1 reversed-field pinch devices

RT reverse-field pinch

zuni event

INIS: 1994-10-14; ETDE: 1984-05-23

A test made during PROJECT REDWING.

(Prior to September 1994, this was a valid ETDE descriptor.)

USE nuclear explosions

USE surface explosions

zwentendorf reactor

INIS: 1982-09-21; ETDE: 1982-10-20

USE tullnerfeld reactor

ZWITTERIONIC COMPOUNDS

2007-03-05

Neutral compounds having formal unit electrical charges of opposite sign on different atoms.

UF zwitterions

BT1 polar compounds

zwitterions

2007-03-05

USE zwitterionic compounds

ZYGOTES

INIS: 1993-07-20; ETDE: 1976-02-20

BT1 embryos

RT fertilization

RT gametes

RT ontogenesis

RT reproduction

ZYMOMONAS MOBILIS

INIS: 1993-07-20; ETDE: 1982-05-12

*BT1 bacteria

RT anaerobic conditions

ZYMOSAN

1996-07-23

A protein-carbohydrate complex isolated from yeast used to activate the immune system in response to microbial infection. The action of zymosan derives from its ability to stimulate properidin.

RT complement

RT polysaccharides

RT yeasts