

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 February 2019. It contains a total of 31 325 descriptors, of which 22 458 are valid descriptors and 8867 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

AGN-201K REACTOR

2019-01-28

Khung Hee University. Yongin, Republic of Korea.

*BT1 aérojet-general nucleonics reactors

*BT1 zero power reactors

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

NUCLEAR CHICAGO REACTOR

2019-01-28

Instituto Politecnico Nacional. Mexico City, Mexico.

UF nuclear chicago mod 2000

*BT1 subcritical assemblies

*BT1 training reactors

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-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 brahmha 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 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 crnl 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 triumf 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
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 erewan 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 lusy
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 5u 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 hhirf 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
NT2 fmit linac
NT2 frascati linac
NT2 hilacs
NT3 atlas superconducting linac
NT3 superhilac
NT2 j-parc lina
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-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 amy 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 236

NT1 americium 231
 NT1 americium 232
 NT1 americium 233
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 NT1 americium 238
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 NT1 americium 240
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 NT1 americium 242
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 NT1 americium 244
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 NT1 americium 248
 NT1 americium 249
 NT1 berkelium 235
 NT1 berkelium 236
 NT1 berkelium 237
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 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 255
 NT1 californium 256
 NT1 curium 232
 NT1 curium 233
 NT1 curium 234
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 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
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 NT1 einsteinium 256
 NT1 einsteinium 257
 NT1 einsteinium 258
 NT1 fermium 241
 NT1 fermium 242
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 NT1 fermium 254
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 NT1 fermium 256
 NT1 fermium 257
 NT1 fermium 258
 NT1 fermium 259
 NT1 fermium 260
 NT1 fermium 264
 NT1 lawrencium 251
 NT1 lawrencium 252
 NT1 lawrencium 253
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 NT1 lawrencium 256
 NT1 lawrencium 257
 NT1 lawrencium 258
 NT1 lawrencium 259
 NT1 lawrencium 260
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 NT1 lawrencium 262
 NT1 lawrencium 263
 NT1 lawrencium 264
 NT1 lawrencium 265
 NT1 lawrencium 266
 NT1 mendelevium 245
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 NT1 neptunium 225
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 NT1 neptunium 244
 NT1 nobelium 248
 NT1 nobelium 250
 NT1 nobelium 251
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 NT1 nobelium 257
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 NT1 nobelium 262
 NT1 nobelium 263
 NT1 nobelium 264
 NT1 plutonium 228
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 NT1 protactinium 212
 NT1 protactinium 213
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 NT1 protactinium 215
 NT1 protactinium 216
 NT1 protactinium 217
 NT1 protactinium 218
 NT1 protactinium 219
 NT1 protactinium 220
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 NT1 thorium 208
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 NT1 thorium 213
 NT1 thorium 214
 NT1 thorium 215
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 NT1 thorium 217
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 NT1 thorium 238
 NT1 uranium 217
 NT1 uranium 218
 NT1 uranium 219
 NT1 uranium 220
 NT1 uranium 221
 NT1 uranium 222
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 NT1 uranium 226
 NT1 uranium 227
 NT1 uranium 228
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 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
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 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

adrenergics

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

USE sympathomimetics

adrenergics-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

adsr

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 grosswelzheim 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

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

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-201k reactor
NT1 agn 201 costanza

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 isothiourrea

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 lohrr
 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 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 bcoclmcmn
- 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 vcocln
- 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 disinfection
- 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

Atoms International Div., Rockwell International, Canoga Park, California, USA.
UF atoms 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 bgr reactor
 NT1 br-1 reactor
 NT1 g-1 reactor
 NT1 gleep reactor
 NT1 harmonie reactor
 NT1 hprr 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 aitken 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 balloons

NT1 helicopters

NT1 kites

NT1 space shuttles

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

AIOX 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

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

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 dosimeters
- 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 cem
 RT cem 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
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 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
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 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: 1992-05-20; 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 alcoholates
 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

ALLENEUF *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-ni26cr15ti2movalb

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: 1993-10-03; 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 alume

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-ni26cr15ti2movallb

NT4 alloy-a-286

NT3 steel-ni36cr12ti3al-l

NT2 aluminium base alloys

NT3 alloy-al95cu4

NT4 duralumin

NT3 aludur

NT3 bondur

NT3 duranadium

NT3 heddur

NT3 lynite

NT3 magnalium

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 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-ni26cr15ti2movallb
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-crmo
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	NT2	gallium additions	NT2	alloy-ni76cr20ti2
NT2	steel-cr13	NT2	gallium base alloys	NT3	nimonc 80a
NT3	stainless steel-410	NT1	germanium alloys	NT2	alloy-ni77cr20ti2
NT2	steel-cr13al	NT2	germanium additions	NT2	alloy-nt25a5
NT3	stainless steel-405	NT2	germanium base alloys	NT2	alloy-ra-333
NT2	steel-cr15ni15motib	NT1	heat resisting alloys	NT2	alloy-s-590
NT2	steel-cr16	NT2	alloy-co36cr22ni22w15fe3	NT2	alloy-s-816
NT3	stainless steel-430	NT3	haynes 188 alloy	NT2	alloy-v-36
NT2	steel-cr16ni	NT2	alloy-co54cr20w15ni10	NT2	alloy-zr97nb3
NT2	steel-cr16ni13monbv	NT3	alloy-hs-25	NT2	alloy-zr98sn-2
NT2	steel-cr16ni15mo3nb	NT3	haynes 25 alloy	NT3	zircaloy 2
NT2	steel-cr16ni16monb	NT2	alloy-co60cr30w4	NT2	alloy-zr98sn-4
NT2	steel-cr16ni8mo2	NT3	stellite 6	NT3	zircaloy 4
NT3	stainless steel-16-8-2	NT2	alloy-d-979	NT2	enduro
NT2	steel-cr17cu4ni4nb-l	NT2	alloy-fe44ni33cr21	NT2	incoloy 901
NT3	stainless steel-17-4ph	NT3	incoloy 800h	NT2	rene 80
NT2	steel-cr17mo	NT2	alloy-fe46ni33cr21	NT2	rene 95
NT3	stainless steel-440	NT3	incoloy 800	NT2	steel-cr12
NT2	steel-cr17ni12mo3	NT3	incoloy 802	NT3	stainless steel-403
NT3	stainless steel-316	NT2	alloy-mo99	NT2	steel-cr12moniv
NT2	steel-cr17ni12mo3-l	NT3	alloy-tzm	NT2	steel-cr12mov
NT3	stainless steel-316l	NT3	alloy-zm-2a	NT3	alloy-ht-9
NT3	stainless steel-zcnd17-13	NT2	alloy-n-10m	NT2	steel-cr13
NT2	steel-cr17ni12monb	NT2	alloy-n-9m	NT3	stainless steel-410
NT2	steel-cr17ni13	NT2	alloy-ni41fe40cr16nb3	NT2	steel-cr13al
NT2	steel-cr17ni13mo2ti	NT3	inconel 706	NT3	stainless steel-405
NT2	steel-cr17ni13mo3ti	NT2	alloy-ni43fe30cr22mo3	NT2	steel-cr15ni15motib
NT2	steel-cr17ni4mo3	NT3	incoloy 825	NT2	steel-cr16
NT2	steel-cr17ni7	NT2	alloy-ni43fe33cr16mo3	NT3	stainless steel-430
NT3	stainless steel-301	NT3	nimonc pe16	NT2	steel-cr16ni
NT2	steel-cr18	NT2	alloy-ni46cr23co19ti5al4	NT2	steel-cr16ni13monbv
NT2	steel-cr18ni10	NT3	alloy-in-939	NT2	steel-cr16ni15mo3nb
NT3	stainless steel-18-10	NT2	alloy-ni49cr22fe18mo9	NT2	steel-cr16ni16monb
NT2	steel-cr18ni10-l	NT3	hastelloy x	NT2	steel-cr16ni8mo2
NT2	steel-cr18ni10ti	NT2	alloy-ni50co20cr15al5mo5	NT3	stainless steel-16-8-2
NT3	stainless steel-321	NT3	nimonc 105	NT2	steel-cr17cu4ni4nb-l
NT2	steel-cr18ni11	NT2	alloy-ni50cr22fe18mo9	NT3	stainless steel-17-4ph
NT3	steel-x6crni1811	NT3	hastelloy xr	NT2	steel-cr17mo
NT2	steel-cr18ni11nb	NT2	alloy-ni50mo32cr15si3	NT3	stainless steel-440
NT3	stainless steel-347	NT2	alloy-ni51cr48	NT2	steel-cr17ni12mo3
NT2	steel-cr18ni11nbco	NT3	inconel 671	NT3	stainless steel-316
NT3	stainless steel-348	NT2	alloy-ni53cr19fe19nb5mo3	NT2	steel-cr17ni12mo3-l
NT2	steel-cr18ni12	NT3	inconel 718	NT3	stainless steel-316l
NT3	stainless steel-305	NT2	alloy-ni54cr22co13mo9	NT3	stainless steel-zcnd17-13
NT2	steel-cr18ni12ti	NT3	inconel 617	NT2	steel-cr17ni12monb
NT2	steel-cr18ni8	NT2	alloy-ni54mo17cr16fe6w4	NT2	steel-cr17ni13
NT3	stainless steel-18-8	NT3	hastelloy c	NT2	steel-cr17ni13mo2ti
NT2	steel-cr18ni9	NT2	alloy-ni55cr19co11mo10ti3	NT2	steel-cr17ni13mo3ti
NT3	stainless steel-302	NT3	rene 41	NT2	steel-cr17ni4mo3
NT2	steel-cr18ni9ti	NT2	alloy-ni58cr20co14mo4ti3	NT2	steel-cr17ni7
NT2	steel-cr19ni10	NT3	waspaloy	NT3	stainless steel-301
NT3	stainless steel-304	NT2	alloy-ni59cr20co17ti2	NT2	steel-cr18ni10
NT2	steel-cr19ni10-l	NT2	alloy-ni59cr30fe9	NT3	stainless steel-18-10
NT3	stainless steel-304l	NT3	inconel 690	NT2	steel-cr18ni10-l
NT2	steel-cr20ni11	NT2	alloy-ni60co15cr10al6ti5mo3	NT2	steel-cr18ni10ti
NT3	stainless steel-308	NT3	alloy-in-100	NT3	stainless steel-321
NT2	steel-cr20ni11-l	NT2	alloy-ni60fe24cr16	NT2	steel-cr18ni11
NT3	stainless steel-308l	NT3	nichrome	NT3	steel-x6crni1811
NT2	steel-cr21mn9ni6	NT2	alloy-ni61cr16co9al3ti3w3	NT2	steel-cr18ni11nb
NT3	stainless steel-21-6-9	NT3	alloy-in-738	NT3	stainless steel-347
NT2	steel-cr23ni14	NT2	alloy-ni61cr22mo9nb4fe3	NT2	steel-cr18ni11nbco
NT3	stainless steel-309	NT3	inconel 625	NT3	stainless steel-348
NT3	stainless steel-309s	NT2	alloy-ni62cr16mo15fe3	NT2	steel-cr18ni12
NT2	steel-cr23ni18	NT3	hastelloy s	NT3	stainless steel-305
NT2	steel-cr25	NT2	alloy-ni65cr25mo10	NT2	steel-cr18ni12ti
NT3	stainless steel-446	NT3	nimonc 86	NT2	steel-cr18ni8
NT2	steel-cr25ni20	NT2	alloy-ni70mo17cr7fe5	NT3	stainless steel-18-8
NT3	alloy-hk-40	NT3	hastelloy n	NT2	steel-cr18ni9
NT3	stainless steel-310	NT3	inor-8	NT3	stainless steel-302
NT2	steel-ni25cr20	NT2	alloy-ni73cr15fe7ti3	NT2	steel-cr18ni9ti
NT3	stainless steel-20-25	NT3	inconel x750	NT2	steel-cr19ni10
NT2	steel-ni26cr15ti2movalb	NT2	alloy-ni73cr20mn3nb3	NT3	stainless steel-304
NT3	alloy-a-286	NT3	inconel 82	NT2	steel-cr19ni10-l
NT2	steel-ni36cr12ti3al-l	NT2	alloy-ni74cr13al6mo4	NT3	stainless steel-304l
NT2	tribaloy 800	NT3	inconel 713c	NT2	steel-cr20ni11
NT1	dilute alloys	NT2	alloy-ni75cr12al6mo5	NT3	stainless steel-308
NT1	francium alloys	NT3	inconel 713lc	NT2	steel-cr20ni11-l
NT2	francium additions	NT2	alloy-ni76cr15fe8	NT3	stainless steel-308l
NT1	gallium alloys	NT3	inconel 600	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-cr2moninb
 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
 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 duranalium
 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
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 NT3 holmium additions
 NT3 lanthanum additions
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 NT5 haynes 188 alloy
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 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 aludel
 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-crho
NT4 steel-crni
NT4 steel-mncumo
NT5 steel-astm-a537

NT4 steel-ni3cr
NT4 steel-nicr
NT4 steel-nicrho
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
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 colmonoy
NT3 discaloy
NT3 ge 2541
NT3 hoskins 875
NT3 illium
NT3 incoloy 901
NT3 kanthal
NT3 konel
NT3 magnesium alloy-zr
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-cralnimo
NT3 steel-crmov
NT3 steel-ni3crmo
NT4 steel-astm-a543
NT3 steel-ni3crmoy

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
 NT3 alloy-ni58cr20co14mo4ti3
 NT4 waspaloy
 NT3 alloy-ni59cr20co17ti2
 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 hiparco
 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-mnccumo
 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
 NT4 inconel x750
 NT3 alloy-ni76cr15fe8
 NT4 inconel 600
 NT3 alloy-ni77cr20ti2
 NT3 alloy-ni78cr21
 NT3 alloy-ni79fe16mo4
 NT3 alloy-ra-333
 NT3 alloy-s-816
 NT3 alloy-v-36
 NT3 alloy-v87cr9fe3
 NT3 alloy-yundk 25ba
 NT3 austenite
 NT3 colmonoy
 NT3 ferrite
 NT3 incoloy 901
 NT3 iron additions
 NT4 alloy-al95cu4
 NT5 duralumin
 NT4 alloy-ni46cr23co19ti5al4
 NT5 alloy-in-939
 NT4 alloy-ni60co15cr10al6ti5mo3
 NT5 alloy-in-100
 NT4 alloy-ni73cr20mn3nb3
 NT5 inconel 82
 NT4 alloy-ni80cr20
 NT4 alloy-ti88mo8al3
 NT4 alloy-ti90al6mo3
 NT4 alloy-ti90al6v4

NT9 stainless steel-18-10
NT8 steel-cr18ni10-l
NT8 steel-cr18ni10ti
NT9 stainless steel-321
NT8 steel-cr18ni11
NT9 steel-x6crni1811
NT8 steel-cr18ni11nb
NT9 stainless steel-347
NT8 steel-cr18ni11nbco
NT9 stainless steel-348
NT8 steel-cr18ni12
NT9 stainless steel-305
NT8 steel-cr18ni12ti
NT8 steel-cr18ni8
NT9 stainless steel-18-8
NT8 steel-cr18ni9
NT9 stainless steel-302
NT8 steel-cr18ni9ti
NT8 steel-cr19ni10
NT9 stainless steel-304
NT8 steel-cr19ni10-l
NT9 stainless steel-304l
NT8 steel-cr20ni11
NT9 stainless steel-308
NT8 steel-cr20ni11-l
NT9 stainless steel-308l
NT8 steel-cr23ni14
NT9 stainless steel-309
NT9 stainless steel-309s
NT8 steel-cr23ni18
NT8 steel-cr25ni20
NT9 alloy-hk-40
NT9 stainless steel-310
NT8 steel-ni25cr20
NT9 stainless steel-20-25
NT8 steel-ni36cr12ti3al-l
NT8 timken alloys
NT7 chromium steels
NT8 chromium-molybdenum steels
NT9 chromium-nickel-molybdenum steels
NT10 alloy-m-813
NT10 steel-cr11ni10mo2ti-l
NT10 steel-cr15ni15motib
NT10 steel-cr16ni13monbv
NT10 steel-cr16ni15mo3nb
NT10 steel-cr16ni16monb
***NT10** steel-cr16ni8mo2
NT10 steel-cr16ni9mo2
***NT10** steel-cr17ni12mo3
***NT10** steel-cr17ni12mo3-l
NT10 steel-cr17ni12monb
NT10 steel-cr17ni13mo2ti
NT10 steel-cr17ni13mo3ti
***NT10** steel-ni26cr15ti2mova1b
NT8 magnet steel-ks
NT8 miduale
NT8 stainless steel-406
NT8 steel-cr10mo2
NT8 steel-cr12
NT9 stainless steel-403
NT8 steel-cr12moniv
NT8 steel-cr12mov
NT9 alloy-ht-9
NT8 steel-cr13
NT9 stainless steel-410
NT8 steel-cr13al
NT9 stainless steel-405
NT8 steel-cr16
NT9 stainless steel-430
NT8 steel-cr16ni
NT8 steel-cr17cu4ni4nb-l
NT9 stainless steel-17-4ph
NT8 steel-cr17mo

NT9 stainless steel-440
NT8 steel-cr17ni4mo3
NT8 steel-cr18
NT8 steel-cr25
NT9 stainless steel-446
NT8 steel-cr9mo
NT8 steel-cr9monbv
NT7 low carbon-high alloy steels
NT8 steel-cr11ni10mo2ti-l
NT8 steel-cr17cu4ni4nb-l
NT9 stainless steel-17-4ph
NT8 steel-cr17ni12mo3-l
NT9 stainless steel-316l
NT9 stainless steel-zcnd17-13
NT8 steel-cr18ni10-l
NT8 steel-cr19ni10-l
NT9 stainless steel-304l
NT8 steel-cr20ni11-l
NT9 stainless steel-308l
NT8 steel-ni36cr12ti3al-l
NT7 stainless steel-317
NT7 stainless steel-318
NT7 stainless steel-422
NT7 stainless steel-fv-548
NT7 stainless steel-jbk-75
NT7 stainless steel m-50
NT7 steel-cr21mn9ni6
NT8 stainless steel-21-6-9
NT7 sweetalloy
NT5 low alloy steels
NT6 steel-astm-a350
NT6 steel-astm-a387
NT6 steel-astm-a508
NT6 steel-astm-a533
NT6 steel-cr2mo
NT7 steel-astm-a542
NT6 steel-cr2moninb
NT6 steel-cr2mov
NT6 steel-cr2nimov
NT6 steel-cr5mo
NT6 steel-cralnimo
NT6 steel-crmo
NT6 steel-crmov
NT6 steel-crni
NT6 steel-mncumo
NT7 steel-astm-a537
NT6 steel-mnmo
NT7 steel-astm-a302
NT6 steel-mnnimo
NT7 steel-astm-a533-b
NT6 steel-mnnimov
NT6 steel-ni3cr
NT6 steel-ni3crmo
NT7 steel-astm-a543
NT6 steel-ni3crmov
NT6 steel-ni4crw
NT6 steel-nicr
NT6 steel-nicrmo
NT6 steel-nimocr
NT5 manganese steels
NT5 martensitic steels
NT6 maraging steels
NT6 steel-cr10mo2
NT6 steel-cr12
NT7 stainless steel-403
NT6 steel-cr12mov
NT7 alloy-ht-9
NT6 steel-cr13
NT7 stainless steel-410
NT6 steel-cr16ni
NT6 steel-cr17cu4ni4nb-l
NT7 stainless steel-17-4ph
NT6 steel-cr17mo
NT7 stainless steel-440
NT6 steel-cr18
NT5 nickel steels
NT6 sweetalloy
NT5 steel-astm-a572

NT3 konel
NT3 lynite
NT3 martensite
NT3 misco metal
NT3 ni-hard
NT3 orthonol
NT3 permalloy
NT3 rene 41
NT3 supertherm
NT3 tribaloy 400
NT3 tribaloy 800
NT2 manganese alloys
NT3 alloy-co43cr20fe18ni13w3
NT4 havar
NT3 alloy-mo-re-1
NT3 alloy-ni73cr20mn3nb3
NT4 inconel 82
NT3 alloy-ni94mn3al2
NT4 alumei
NT3 alloy-s-816
NT3 hesuler alloys
NT3 manganese additions
NT4 alloy-al95cu4
NT5 duralumin
NT4 alloy-fe40ni35cr22
NT4 alloy-fe53ni29co18
NT5 kovar
NT4 alloy-hs-31
NT4 alloy-n28t3
NT4 alloy-ni66cu32
NT5 monel 400
NT4 alloy-ni78cr21
NT4 alloy-v-36
NT4 ascology
NT4 bondur
NT4 discaloy
NT4 duranickel
NT4 duriron
NT4 magnesium alloy-az31b
NT4 miduale
NT4 ni-hard
NT4 steel-cr16ni9mo2
NT3 manganese base alloys
NT3 manganese steels
NT3 manganin
NT3 stainless steel-zcnd17-13
NT3 steel-cr21mn9ni6
NT4 stainless steel-21-6-9
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
NT2 molybdenum alloys
NT3 alloy-b-1900
NT3 alloy-co43cr20fe18ni13w3
NT4 havar
NT3 alloy-d-979
NT3 alloy-in-102
NT3 alloy-khn50mbvyu
NT3 alloy-mar-m246
NT3 alloy-mn-21
NT3 alloy-mp35n
NT3 alloy-n-10m
NT3 alloy-n-9m
NT3 alloy-ni43fe30cr22mo3
NT4 incoloy 825
NT3 alloy-ni43fe33cr16mo3
NT4 nimonic pe16
NT3 alloy-ni49cr22fe18mo9
NT4 hastelloy x
NT3 alloy-ni50co20cr15al5mo5
NT4 nimonic 105
NT3 alloy-ni50cr22fe18mo9
NT4 hastelloy xr
NT3 alloy-ni50mo32cr15si3
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-ni60co15cr10al6ti5mo3
NT4 alloy-in-100
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-ni74cr13al6mo4
NT4 inconel 713c
NT3 alloy-ni75cr12al6mo5
NT4 inconel 713lc
NT3 alloy-ni79fe16mo4
NT3 alloy-nx-188
NT3 alloy-ra-333
NT3 alloy-s-590
NT3 alloy-s-816
NT3 alloy-ti78cr11mo7al3
NT3 alloy-ti88mo8al3
NT3 alloy-ti89al6mo3
NT3 alloy-ti90al6mo3
NT3 alloy-ti90mo7al2
NT3 alloy-ti91al4mo3
NT3 alloy-ti91al5cr2
NT3 alloy-v-36
NT3 chlorimet
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-ni26cr15ti2mvalb
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-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-crmov
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 alamel
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 713lc
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 carboloy
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
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 NT1 americium 231
 NT1 americium 232
 NT1 americium 237
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 NT1 americium 243
 NT1 astatine 191
 NT1 astatine 192
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 NT1 berkelium 235
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 NT1 berkelium 249
 NT1 beryllium 8

NT1 bismuth 184
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 NT1 boron 9
 NT1 californium 237
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 NT1 copernicium 285
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 NT1 darmstadtium 267
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 NT1 dubnium 255
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 NT1 europium 147
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 NT1 fermium 243
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 NT1 flerovium 285
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 NT1 gadolinium 148
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 NT1 gold 171
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NT1 gold 174
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 NT1 hafnium 156
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 NT1 hassium 263
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 NT1 hassium 271
 NT1 hassium 275
 NT1 helium 5
 NT1 holmium 151
 NT1 holmium 152
 NT1 holmium 153
 NT1 holmium 154
 NT1 holmium 155
 NT1 iodine 108
 NT1 iodine 111
 NT1 iridium 164
 NT1 iridium 165
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 NT1 lawrencium 251
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 NT1 lead 178
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 NT1 lithium 5
 NT1 livermorium 290

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 NT1 lutetium 155
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 NT1 meitnerium 266
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 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 aluminium
*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 duranadium
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 duranadium
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 cerebrosides
- 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 isothiurea
- 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 dipyridamole
- 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 aminosalicic 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 glycylglycine
 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 isothiurea

aminoethylthiopseudourea

USE beta-aminoethyl isothiurea

aminoglutaric acid-alpha

USE glutamic acid

aminoglycides

USE amines
 USE saccharides

aminohypoxanthine

USE guanine

aminoisocaproic acid-alpha

USE leucine

aminoisovaleric acid-alpha

USE valine

AMINOLEVULINIC 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

aminosalicylic 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

am스코

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-torrex 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 nembital
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 biederharn-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 biederharn-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-biedenham 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 plagioclase
- *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 deuteron reactions

RT antideuterons

ANTIDEUTERONS

*BT1 antinuclei

*BT1 deuterons

RT antideuteron 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 micromagnetism

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

ANTIHISTAMINICS

UF antihistamines

UF promethazine

BT1 drugs

RT allergy

RT histamine

ANTIHYPERONS

**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 controle 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 guanidylaminovaleic 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 srrc-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.*

- 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 REACTOREntergy 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 REACTOREntergy 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 REACTORINEEL, 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 ctbct

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 tlattelolco 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 methylnaphthalenes

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 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 ferrom

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 hydroxypropioiphenone

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 xylenols
 NT1 phenylalanine
 NT1 polycyclic aromatic hydrocarbons
 NT2 3-methylcholanthrene
 NT2 acenaphthene
 NT2 anthracene
 NT2 azulene
 NT2 benzanthracene
 NT2 benzopyrene
 NT2 calixarenes
 NT2 cholanthrene
 NT2 chrysene
 NT2 dimethylbenzanthracene
 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 hiroshima
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
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- 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 chromosome

- 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 aiten 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 parasympatholytics

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 arpansa

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 ctbto

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 arbeitgemeinschaft 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 lsx 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 baeklund transformation

BACKSCATTERING

BT1 scattering

RT albedo-neutron doseimeters

RT angular distribution

RT reflection

RT rutherford backscattering

RT spectroscopy

BACKWARD WAVE TUBES

*BT1 microwave tubes

bacon

USE meat

BACTERIA

1997-06-17

UF *cells (bacterial)*

BT1 microorganisms

NT1 actinomycetes

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 rhodopseudomonas

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 thermoactinomycetes

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

baile 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 wwr type reactors

BALAKOVO-2 REACTOR

INIS: 1986-12-09; ETDE: 1987-02-24
 *BT1 wwr type reactors

BALAKOVO-3 REACTOR

1998-10-21
 *BT1 wwr type reactors

BALAKOVO-4 REACTOR

2002-08-13
 *BT1 wwr 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

bamp

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

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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-antineutron 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 antisiigma 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-n-2130 dibaryons

NT2 nn-2170 dibaryons

NT2 nn-2250 dibaryons

NT1 hyperons

NT2 antihyperons

NT3 antilambda particles

NT3 antiomega particles

NT3 antisiigma 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 antisiigma 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 antineutrons
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 polynutrons
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 pnp-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

batyl 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 preasphaltenes 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 bisethylenedithiolotetrathiafulvalene

*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

BEEES

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

BENZOTHAZOLES

*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

benzoylglycocol

USE hippuric acid

benzoylphenylhydroxylamine

USE bph

BENZYL ALCOHOL

1982-02-10

UF phenylcarbinol
*BT1 alcohols
*BT1 aromatics

BENZYL RADICALS

*BT1 aryl radicals

BEPO REACTOR

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 ucbrt reactor

berkeley superhilac

USE superhilac

BERKELEY SYNCHROCYCLOTRON

*BT1 synchrocyclotrons

berkeley triga reactor

USE ucbrt 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 selenides

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
 NT2 cesium 141
 NT2 cesium 142
 NT2 cesium 143
 NT2 cesium 144
 NT2 cesium 145
 NT2 cesium 146
 NT2 cesium 147
 NT2 cesium 148
 NT2 cesium 149
 NT2 cesium 150
 NT2 cesium 151
 NT2 chlorine 36
 NT2 chlorine 38
 NT2 chlorine 39
 NT2 chlorine 40
 NT2 chlorine 41
 NT2 chlorine 50
 NT2 chromium 55
 NT2 chromium 56
 NT2 chromium 57
 NT2 chromium 58
 NT2 chromium 59
 NT2 chromium 60
 NT2 chromium 62
 NT2 chromium 63
 NT2 chromium 64
 NT2 chromium 65
 NT2 chromium 66
 NT2 chromium 67
 NT2 chromium 68
 NT2 cobalt 60
 NT2 cobalt 61
 NT2 cobalt 62
 NT2 cobalt 63
 NT2 cobalt 64
 NT2 cobalt 65
 NT2 cobalt 66
 NT2 cobalt 67

NT2 cobalt 71
 NT2 cobalt 72
 NT2 cobalt 73
 NT2 cobalt 74
 NT2 cobalt 75
 NT2 copper 64
 NT2 copper 66
 NT2 copper 67
 NT2 copper 68
 NT2 copper 69
 NT2 copper 70
 NT2 copper 71
 NT2 copper 72
 NT2 copper 73
 NT2 copper 74
 NT2 copper 75
 NT2 copper 76
 NT2 copper 77
 NT2 copper 78
 NT2 copper 79
 NT2 copper 80
 NT2 curium 249
 NT2 curium 250
 NT2 curium 251
 NT2 dysprosium 165
 NT2 dysprosium 166
 NT2 dysprosium 167
 NT2 dysprosium 168
 NT2 dysprosium 169
 NT2 dysprosium 170
 NT2 dysprosium 171
 NT2 dysprosium 172
 NT2 dysprosium 173
 NT2 einsteinium 254
 NT2 einsteinium 255
 NT2 einsteinium 256
 NT2 einsteinium 257
 NT2 erbium 169
 NT2 erbium 171
 NT2 erbium 172
 NT2 erbium 173
 NT2 erbium 174
 NT2 erbium 175
 NT2 erbium 176
 NT2 erbium 177
 NT2 europium 150
 NT2 europium 152
 NT2 europium 154
 NT2 europium 155
 NT2 europium 156
 NT2 europium 157
 NT2 europium 158
 NT2 europium 159
 NT2 europium 160
 NT2 europium 161
 NT2 europium 162
 NT2 europium 163
 NT2 europium 164
 NT2 europium 165
 NT2 europium 166
 NT2 europium 167
 NT2 fluorine 20
 NT2 fluorine 21
 NT2 fluorine 22
 NT2 fluorine 23
 NT2 fluorine 24
 NT2 fluorine 25
 NT2 fluorine 26
 NT2 fluorine 27
 NT2 francium 220
 NT2 francium 222
 NT2 francium 223
 NT2 francium 224
 NT2 francium 225
 NT2 francium 226
 NT2 francium 227
 NT2 francium 228
 NT2 francium 229
 NT2 francium 230

NT2 francium 231
 NT2 gadolinium 159
 NT2 gadolinium 161
 NT2 gadolinium 162
 NT2 gadolinium 163
 NT2 gadolinium 164
 NT2 gadolinium 165
 NT2 gadolinium 166
 NT2 gadolinium 168
 NT2 gallium 70
 NT2 gallium 72
 NT2 gallium 73
 NT2 gallium 74
 NT2 gallium 75
 NT2 gallium 76
 NT2 gallium 77
 NT2 gallium 78
 NT2 gallium 79
 NT2 gallium 80
 NT2 gallium 81
 NT2 gallium 82
 NT2 gallium 83
 NT2 gallium 84
 NT2 gallium 85
 NT2 gallium 86
 NT2 germanium 75
 NT2 germanium 77
 NT2 germanium 78
 NT2 germanium 79
 NT2 germanium 80
 NT2 germanium 81
 NT2 germanium 82
 NT2 germanium 83
 NT2 germanium 84
 NT2 germanium 85
 NT2 germanium 86
 NT2 germanium 87
 NT2 germanium 88
 NT2 germanium 89
 NT2 gold 196
 NT2 gold 198
 NT2 gold 199
 NT2 gold 200
 NT2 gold 201
 NT2 gold 202
 NT2 gold 203
 NT2 gold 204
 NT2 gold 205
 NT2 hafnium 181
 NT2 hafnium 182
 NT2 hafnium 183
 NT2 hafnium 184
 NT2 hafnium 187
 NT2 hafnium 188
 NT2 helium 6
 NT2 helium 7
 NT2 helium 8
 NT2 holmium 164
 NT2 holmium 166
 NT2 holmium 167
 NT2 holmium 168
 NT2 holmium 169
 NT2 holmium 170
 NT2 holmium 171
 NT2 holmium 172
 NT2 holmium 173
 NT2 holmium 174
 NT2 holmium 175
 NT2 indium 112
 NT2 indium 114
 NT2 indium 115
 NT2 indium 116
 NT2 indium 117
 NT2 indium 118
 NT2 indium 119
 NT2 indium 120
 NT2 indium 121
 NT2 indium 122
 NT2 indium 123

NT2 indium 124
 NT2 indium 125
 NT2 indium 126
 NT2 indium 127
 NT2 indium 128
 NT2 indium 129
 NT2 indium 130
 NT2 indium 131
 NT2 indium 132
 NT2 indium 133
 NT2 indium 134
 NT2 indium 135
 NT2 iodine 126
 NT2 iodine 128
 NT2 iodine 129
 NT2 iodine 130
 NT2 iodine 131
 NT2 iodine 132
 NT2 iodine 133
 NT2 iodine 134
 NT2 iodine 135
 NT2 iodine 136
 NT2 iodine 137
 NT2 iodine 138
 NT2 iodine 139
 NT2 iodine 140
 NT2 iodine 141
 NT2 iodine 142
 NT2 iodine 143
 NT2 iodine 144
 NT2 iridium 192
 NT2 iridium 194
 NT2 iridium 195
 NT2 iridium 196
 NT2 iridium 197
 NT2 iridium 198
 NT2 iridium 199
 NT2 iridium 202
 NT2 iron 59
 NT2 iron 60
 NT2 iron 61
 NT2 iron 62
 NT2 iron 63
 NT2 iron 64
 NT2 iron 69
 NT2 iron 70
 NT2 iron 71
 NT2 iron 72
 NT2 krypton 100
 NT2 krypton 85
 NT2 krypton 87
 NT2 krypton 88
 NT2 krypton 89
 NT2 krypton 90
 NT2 krypton 91
 NT2 krypton 92
 NT2 krypton 93
 NT2 krypton 94
 NT2 krypton 95
 NT2 krypton 97
 NT2 krypton 99
 NT2 lanthanum 138
 NT2 lanthanum 140
 NT2 lanthanum 141
 NT2 lanthanum 142
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 NT2 zirconium 78
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 NT2 zirconium 85
 NT2 zirconium 86
 NT2 zirconium 87
 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 2XIIIB.

*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

NT1 actinium 233

NT1 actinium 234

NT1 actinium 235

NT1 actinium 236

NT1 aluminium 28

NT1 aluminium 29

NT1 aluminium 30

NT1 aluminium 31

NT1 aluminium 32

NT1 aluminium 34

NT1 aluminium 36

NT1 aluminium 37

NT1 aluminium 40

NT1 aluminium 41

NT1 aluminium 42

NT1 americium 242

NT1 americium 244

NT1 americium 245

NT1 americium 246

NT1 americium 247

NT1 americium 248

NT1 americium 249

NT1 antimony 122

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

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NT1 antimony 134

NT1 antimony 135

NT1 antimony 136

NT1 antimony 137

NT1 antimony 138

NT1 antimony 139

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 NT1 technetium 101
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 NT1 technetium 103
 NT1 technetium 104
 NT1 technetium 105
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 NT1 technetium 109
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 NT1 technetium 114
 NT1 technetium 115
 NT1 technetium 116
 NT1 technetium 117
 NT1 technetium 118
 NT1 technetium 98
 NT1 technetium 99
 NT1 tellurium 127
 NT1 tellurium 129
 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
 NT1 terbium 156
 NT1 terbium 158
 NT1 terbium 160
 NT1 terbium 161
 NT1 terbium 162
 NT1 terbium 163
 NT1 terbium 164
 NT1 terbium 165
 NT1 terbium 166
 NT1 terbium 167
 NT1 terbium 168
 NT1 terbium 169
 NT1 terbium 170
 NT1 terbium 171
 NT1 thallium 204
 NT1 thallium 206
 NT1 thallium 207
 NT1 thallium 208
 NT1 thallium 209
 NT1 thallium 210
 NT1 thallium 211
 NT1 thallium 212
 NT1 thorium 231
 NT1 thorium 233
 NT1 thorium 234
 NT1 thorium 235
 NT1 thorium 236
 NT1 thorium 237
 NT1 thulium 168
 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
 NT1 tin 121
 NT1 tin 123
 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 titanium 51
 NT1 titanium 52
 NT1 titanium 53
 NT1 titanium 54
 NT1 titanium 55
 NT1 titanium 56
 NT1 titanium 58
 NT1 titanium 59
 NT1 titanium 60
 NT1 titanium 61
 NT1 titanium 62
 NT1 titanium 63
 NT1 tritium
 NT1 tungsten 185
 NT1 tungsten 187
 NT1 tungsten 188
 NT1 tungsten 189
 NT1 tungsten 191
 NT1 uranium 237
 NT1 uranium 239
 NT1 uranium 240
 NT1 uranium 241
 NT1 uranium 242
 NT1 vanadium 50
 NT1 vanadium 52
 NT1 vanadium 53
 NT1 vanadium 54
 NT1 vanadium 55
 NT1 vanadium 56
 NT1 vanadium 57
 NT1 vanadium 58
 NT1 vanadium 61
 NT1 vanadium 62
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 NT1 vanadium 64
 NT1 vanadium 65
 NT1 vanadium 66
 NT1 xenon 133
 NT1 xenon 135
 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 147
 NT1 ytterbium 175
 NT1 ytterbium 177
 NT1 ytterbium 178
 NT1 ytterbium 179
 NT1 ytterbium 180
 NT1 ytterbium 181
 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 90
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 NT1 yttrium 92
 NT1 yttrium 93
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NT1 yttrium 95
 NT1 yttrium 96
 NT1 yttrium 97
 NT1 yttrium 98
 NT1 yttrium 99
 NT1 zinc 69
 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
 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 93
 NT1 zirconium 95
 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
 NT1 aluminium 22
 NT1 aluminium 23
 NT1 aluminium 24
 NT1 aluminium 25
 NT1 aluminium 26
 NT1 americium 235
 NT1 americium 236
 NT1 antimony 104
 NT1 antimony 105
 NT1 antimony 108
 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 120
 NT1 antimony 122
 NT1 argon 31

NT1 argon 32
 NT1 argon 33
 NT1 argon 34
 NT1 argon 35
 NT1 arsenic 66
 NT1 arsenic 67
 NT1 arsenic 68
 NT1 arsenic 69
 NT1 arsenic 70
 NT1 arsenic 71
 NT1 arsenic 72
 NT1 arsenic 74
 NT1 astatine 205
 NT1 astatine 206
 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 129
 NT1 berkelium 236
 NT1 berkelium 238
 NT1 bismuth 194
 NT1 bismuth 197
 NT1 bismuth 200
 NT1 bismuth 202
 NT1 bismuth 203
 NT1 bismuth 205
 NT1 bismuth 206
 NT1 bismuth 207
 NT1 boron 8
 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 80
 NT1 cadmium 100
 NT1 cadmium 101
 NT1 cadmium 102
 NT1 cadmium 103
 NT1 cadmium 104
 NT1 cadmium 105
 NT1 cadmium 107
 NT1 cadmium 97
 NT1 cadmium 98
 NT1 cadmium 99
 NT1 calcium 36
 NT1 calcium 37
 NT1 calcium 38
 NT1 calcium 39
 NT1 carbon 10
 NT1 carbon 11
 NT1 carbon 9
 NT1 cerium 121
 NT1 cerium 125
 NT1 cerium 127
 NT1 cerium 128
 NT1 cerium 129
 NT1 cerium 130
 NT1 cerium 131
 NT1 cerium 132
 NT1 cerium 133
 NT1 cerium 135
 NT1 cerium 137

NT1 cesium 114
 NT1 cesium 115
 NT1 cesium 116
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 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 132
 NT1 chlorine 31
 NT1 chlorine 32
 NT1 chlorine 33
 NT1 chlorine 34
 NT1 chlorine 36
 NT1 chromium 42
 NT1 chromium 45
 NT1 chromium 46
 NT1 chromium 47
 NT1 chromium 49
 NT1 cobalt 52
 NT1 cobalt 53
 NT1 cobalt 54
 NT1 cobalt 55
 NT1 cobalt 56
 NT1 cobalt 58
 NT1 copper 56
 NT1 copper 57
 NT1 copper 58
 NT1 copper 59
 NT1 copper 60
 NT1 copper 61
 NT1 copper 62
 NT1 copper 64
 NT1 curium 232
 NT1 dysprosium 140
 NT1 dysprosium 145
 NT1 dysprosium 146
 NT1 dysprosium 147
 NT1 dysprosium 148
 NT1 dysprosium 149
 NT1 dysprosium 150
 NT1 dysprosium 151
 NT1 dysprosium 152
 NT1 dysprosium 153
 NT1 dysprosium 155
 NT1 dysprosium 157
 NT1 erbium 145
 NT1 erbium 146
 NT1 erbium 147
 NT1 erbium 148
 NT1 erbium 149
 NT1 erbium 150
 NT1 erbium 151
 NT1 erbium 152
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 NT1 europium 132
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NT1 europium 141
 NT1 europium 142
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 NT1 europium 147
 NT1 europium 148
 NT1 europium 150
 NT1 europium 152
 NT1 fluorine 17
 NT1 fluorine 18
 NT1 gadolinium 135
 NT1 gadolinium 137
 NT1 gadolinium 139
 NT1 gadolinium 142
 NT1 gadolinium 143
 NT1 gadolinium 144
 NT1 gadolinium 145
 NT1 gadolinium 146
 NT1 gadolinium 147
 NT1 gallium 60
 NT1 gallium 62
 NT1 gallium 63
 NT1 gallium 64
 NT1 gallium 65
 NT1 gallium 66
 NT1 gallium 68
 NT1 germanium 61
 NT1 germanium 63
 NT1 germanium 64
 NT1 germanium 65
 NT1 germanium 66
 NT1 germanium 67
 NT1 germanium 69
 NT1 gold 182
 NT1 gold 184
 NT1 gold 185
 NT1 gold 186
 NT1 gold 187
 NT1 gold 188
 NT1 gold 189
 NT1 gold 190
 NT1 gold 192
 NT1 gold 194
 NT1 gold 196
 NT1 hafnium 154
 NT1 hafnium 155
 NT1 hafnium 162
 NT1 hafnium 163
 NT1 hafnium 166
 NT1 hafnium 167
 NT1 hafnium 168
 NT1 hafnium 169
 NT1 holmium 145
 NT1 holmium 146
 NT1 holmium 147
 NT1 holmium 148
 NT1 holmium 149
 NT1 holmium 150
 NT1 holmium 151
 NT1 holmium 152
 NT1 holmium 153
 NT1 holmium 154
 NT1 holmium 155
 NT1 holmium 156
 NT1 holmium 157
 NT1 holmium 158
 NT1 holmium 160
 NT1 holmium 162
 NT1 indium 100
 NT1 indium 103
 NT1 indium 104
 NT1 indium 105
 NT1 indium 106
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 NT1 indium 108
 NT1 indium 109
 NT1 indium 110

NT1 indium 112
 NT1 indium 114
 NT1 iodine 110
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 NT1 iodine 124
 NT1 iodine 126
 NT1 iodine 128
 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 188
 NT1 iridium 190
 NT1 iron 45
 NT1 iron 46
 NT1 iron 49
 NT1 iron 51
 NT1 iron 52
 NT1 iron 53
 NT1 krypton 69
 NT1 krypton 71
 NT1 krypton 72
 NT1 krypton 73
 NT1 krypton 74
 NT1 krypton 75
 NT1 krypton 77
 NT1 krypton 79
 NT1 lanthanum 121
 NT1 lanthanum 125
 NT1 lanthanum 126
 NT1 lanthanum 127
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 NT1 lanthanum 130
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 NT1 lanthanum 135
 NT1 lanthanum 136
 NT1 lead 187
 NT1 lead 188
 NT1 lead 189
 NT1 lead 190
 NT1 lead 191
 NT1 lead 192
 NT1 lead 193
 NT1 lead 194
 NT1 lead 195
 NT1 lead 199
 NT1 lead 201
 NT1 lutetium 153
 NT1 lutetium 161
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NT1 lutetium 174
 NT1 magnesium 20
 NT1 magnesium 21
 NT1 magnesium 22
 NT1 magnesium 23
 NT1 manganese 48
 NT1 manganese 49
 NT1 manganese 50
 NT1 manganese 51
 NT1 manganese 52
 NT1 mercury 179
 NT1 mercury 181
 NT1 mercury 182
 NT1 mercury 183
 NT1 mercury 184
 NT1 mercury 185
 NT1 mercury 186
 NT1 mercury 187
 NT1 mercury 188
 NT1 mercury 191
 NT1 mercury 193
 NT1 molybdenum 86
 NT1 molybdenum 87
 NT1 molybdenum 88
 NT1 molybdenum 89
 NT1 molybdenum 90
 NT1 molybdenum 91
 NT1 neodymium 127
 NT1 neodymium 128
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 NT1 neodymium 137
 NT1 neodymium 138
 NT1 neodymium 139
 NT1 neodymium 141
 NT1 neon 17
 NT1 neon 18
 NT1 neon 19
 NT1 neptunium 234
 NT1 nickel 49
 NT1 nickel 50
 NT1 nickel 52
 NT1 nickel 53
 NT1 nickel 55
 NT1 nickel 56
 NT1 nickel 57
 NT1 niobium 83
 NT1 niobium 84
 NT1 niobium 85
 NT1 niobium 87
 NT1 niobium 88
 NT1 niobium 89
 NT1 niobium 90
 NT1 niobium 92
 NT1 nitrogen 12
 NT1 nitrogen 13
 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 181
 NT1 osmium 183
 NT1 oxygen 13
 NT1 oxygen 14
 NT1 oxygen 15
 NT1 palladium 101
 NT1 palladium 93
 NT1 palladium 94
 NT1 palladium 95

NT1 palladium 97
 NT1 palladium 98
 NT1 palladium 99
 NT1 phosphorus 26
 NT1 phosphorus 28
 NT1 phosphorus 29
 NT1 phosphorus 30
 NT1 platinum 174
 NT1 platinum 182
 NT1 platinum 183
 NT1 platinum 184
 NT1 platinum 185
 NT1 platinum 187
 NT1 platinum 189
 NT1 polonium 198
 NT1 polonium 199
 NT1 polonium 200
 NT1 polonium 201
 NT1 polonium 202
 NT1 polonium 203
 NT1 polonium 205
 NT1 polonium 207
 NT1 potassium 35
 NT1 potassium 36
 NT1 potassium 37
 NT1 potassium 38
 NT1 potassium 40
 NT1 praseodymium 126
 NT1 praseodymium 127
 NT1 praseodymium 129
 NT1 praseodymium 130
 NT1 praseodymium 131
 NT1 praseodymium 132
 NT1 praseodymium 133
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 NT1 praseodymium 136
 NT1 praseodymium 137
 NT1 praseodymium 138
 NT1 praseodymium 139
 NT1 praseodymium 140
 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 protactinium 230
 NT1 radon 207
 NT1 radon 209
 NT1 rhenium 165
 NT1 rhenium 170
 NT1 rhenium 171
 NT1 rhenium 172
 NT1 rhenium 174
 NT1 rhenium 175
 NT1 rhenium 176
 NT1 rhenium 177
 NT1 rhenium 178
 NT1 rhenium 179
 NT1 rhenium 180
 NT1 rhenium 182
 NT1 rhodium 100
 NT1 rhodium 102
 NT1 rhodium 91
 NT1 rhodium 92
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 NT1 rhodium 99
 NT1 rubidium 73

NT1 rubidium 74
 NT1 rubidium 75
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 NT1 rubidium 81
 NT1 rubidium 82
 NT1 rubidium 84
 NT1 ruthenium 88
 NT1 ruthenium 89
 NT1 ruthenium 92
 NT1 ruthenium 93
 NT1 ruthenium 95
 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
 NT1 samarium 142
 NT1 samarium 143
 NT1 scandium 40
 NT1 scandium 41
 NT1 scandium 42
 NT1 scandium 43
 NT1 scandium 44
 NT1 selenium 65
 NT1 selenium 67
 NT1 selenium 68
 NT1 selenium 69
 NT1 selenium 70
 NT1 selenium 71
 NT1 selenium 73
 NT1 silicon 24
 NT1 silicon 25
 NT1 silicon 26
 NT1 silicon 27
 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 94
 NT1 silver 96
 NT1 silver 98
 NT1 silver 99
 NT1 sodium 20
 NT1 sodium 21
 NT1 sodium 22
 NT1 strontium 75
 NT1 strontium 76
 NT1 strontium 77
 NT1 strontium 78
 NT1 strontium 79
 NT1 strontium 80
 NT1 strontium 81
 NT1 strontium 83
 NT1 sulfur 28
 NT1 sulfur 29
 NT1 sulfur 30
 NT1 sulfur 31
 NT1 tantalum 165
 NT1 tantalum 166
 NT1 tantalum 167
 NT1 tantalum 168
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 NT1 tantalum 170
 NT1 tantalum 171
 NT1 tantalum 172
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NT1 tantalum 174
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 NT1 tantalum 177
 NT1 tantalum 178
 NT1 technetium 88
 NT1 technetium 89
 NT1 technetium 90
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 NT1 technetium 92
 NT1 technetium 93
 NT1 technetium 94
 NT1 technetium 95
 NT1 technetium 96
 NT1 tellurium 107
 NT1 tellurium 108
 NT1 tellurium 109
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 NT1 tellurium 112
 NT1 tellurium 113
 NT1 tellurium 114
 NT1 tellurium 115
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 NT1 tellurium 117
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 NT1 tellurium 119
 NT1 tellurium 121
 NT1 terbium 139
 NT1 terbium 141
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 NT1 terbium 149
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 NT1 terbium 156
 NT1 thallium 182
 NT1 thallium 184
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 NT1 thallium 198
 NT1 thallium 200
 NT1 thulium 148
 NT1 thulium 156
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 NT1 thulium 161
 NT1 thulium 162
 NT1 thulium 163
 NT1 thulium 164
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 NT1 thulium 166
 NT1 tin 100
 NT1 tin 102
 NT1 tin 103
 NT1 tin 105
 NT1 tin 106
 NT1 tin 107
 NT1 tin 108
 NT1 tin 109
 NT1 tin 111

NT1 titanium 39
 NT1 titanium 40
 NT1 titanium 41
 NT1 titanium 42
 NT1 titanium 43
 NT1 titanium 45
 NT1 tungsten 157
 NT1 tungsten 168
 NT1 tungsten 169
 NT1 tungsten 170
 NT1 tungsten 171
 NT1 tungsten 172
 NT1 tungsten 173
 NT1 tungsten 175
 NT1 tungsten 177
 NT1 tungsten 190
 NT1 vanadium 42
 NT1 vanadium 43
 NT1 vanadium 44
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 NT1 vanadium 47
 NT1 vanadium 48
 NT1 xenon 110
 NT1 xenon 111
 NT1 xenon 112
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 NT1 xenon 116
 NT1 xenon 117
 NT1 xenon 118
 NT1 xenon 119
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 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 lohrrs
 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

biedenborn-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

bi-metallic 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 biotermgas 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 doseimeters
 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 xylans

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 dowtherm
- *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
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- 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 wwer 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 lmfr type reactors
*BT1 power reactors
*BT1 sodium cooled reactors

BN-1600 REACTOR

INIS: 1979-09-18; ETDE: 1979-10-23
Russian Federation.
*BT1 lmfr type reactors
*BT1 power reactors
*BT1 sodium cooled reactors

BN-350 REACTOR

Mangyshlak, Shevchenko, Kazakhstan.
UF fort shevchenko reactor
*BT1 desalination reactors
*BT1 lmfr 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 bhw 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

boltheadite

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-ni26cr15ti2moyalb
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-ni26cr15ti2moyalb
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 rhenium 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 leptons
 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*-2460 mesons
 NT3 d*-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*-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 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 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 upsilon 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 upsilon-10023 mesons
NT1 upsilon-10355 mesons
NT1 upsilon-10580 mesons
NT1 upsilon-10860 mesons
NT1 upsilon-11020 mesons
NT1 upsilon-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 controle 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

brestr-300 reactor

2018-11-07

USE brestr-od-300 reactor

BREST-OD-300 REACTOR

2018-11-07

Scope Note: Seversk, Russian Federation.

Under construction.

UF brestr-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: 1976-08-24
 *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 bgrr 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 bumup
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 bumup 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 bumup

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 wurgassen 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 nisus 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

camgium

- 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 strophanthin
 NT2 uridine diphosphoglucose
 NT1 saccharides
 NT2 glycolipids
 NT3 cerebrosides
 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 astrolloy

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-x6cmi1811

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-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-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-cr2monib
NT3 steel-cr2mov
NT3 steel-cr2nimov
NT3 steel-cr5mo
NT3 steel-cralnimo
NT3 steel-crmo
NT3 steel-crmov
NT3 steel-cmi
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-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
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 vandellos 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 schroëckingerite
 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 isothioureia
 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 bromosulphophthalein

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 alkanoic acids

UF alkenoic acids

UF aromatic acids

UF fatty acids

UF tricarballic 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 hematomorphyrins

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 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

CARTILAGE

UF 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

CASKS

UF 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

CASSAVA

UF 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 electroslag 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 MOLDS

UF 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 PROJECT

UF project castle
*BT1 nuclear explosions
RT atmospheric explosions
RT bikini
RT nuclear weapons
RT surface explosions
RT thermonuclear explosions

CASTOR

UF 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-iff 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

CDZNTE SEMICONDUCTOR DETECTORS

2017-02-02

UF cdznte
UF cz
*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 lummus 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

CELLULASE

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 cermet

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 nembital
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 nembital
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 nembital
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 nembital
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 disinfestation
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 alic 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 isolve

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

CESIUM 118

*BT1 beta-plus decay radioisotopes
 *BT1 cesium isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

CESIUM 119

*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 120

*BT1 beta-plus decay radioisotopes
 *BT1 cesium isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

CESIUM 121

*BT1 beta-plus decay radioisotopes
 *BT1 cesium isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

CESIUM 122

*BT1 beta-plus decay radioisotopes
 *BT1 cesium isotopes
 *BT1 electron capture radioisotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

CESIUM 123

*BT1 beta-plus decay radioisotopes
 *BT1 cesium isotopes
 *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

CESIUM 124

- *BT1 beta-plus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

CESIUM 125

- *BT1 beta-plus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

CESIUM 126

- *BT1 beta-plus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

CESIUM 127

- *BT1 beta-plus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

CESIUM 128

- *BT1 beta-plus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

CESIUM 129

- *BT1 beta-plus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

CESIUM 130

- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

CESIUM 131

- *BT1 cesium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei

CESIUM 131 TARGET*1988-02-02*

- BT1 targets

CESIUM 132

- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei

CESIUM 132 TARGET*INIS: 1979-02-21; ETDE: 1979-03-28*

- BT1 targets

CESIUM 133

- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 stable isotopes

CESIUM 133 TARGET*ETDE: 1976-07-09*

- BT1 targets

CESIUM 134

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 electron capture radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 years living radioisotopes

CESIUM 134 TARGET*1988-02-02*

- BT1 targets

CESIUM 135

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 years living radioisotopes

CESIUM 135 TARGET*INIS: 1988-02-02; ETDE: 1981-08-21*

- BT1 targets

CESIUM 136

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 days living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

CESIUM 137

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 years living radioisotopes
- RT* radioisotope generators

CESIUM 137 TARGET*INIS: 1988-08-02; ETDE: 1981-08-21*

- BT1 targets

CESIUM 138

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

CESIUM 139

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

CESIUM 140

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei

- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

CESIUM 141

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

CESIUM 142

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

CESIUM 143

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

CESIUM 144

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

CESIUM 145

- *BT1 beta-minus decay radioisotopes
- *BT1 cesium isotopes
- *BT1 intermediate mass nuclei
- *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 lummus, 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 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 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
 NT2 lanthanum sulfides
 NT2 lead sulfides
 NT2 lithium sulfides
 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 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
 RT high-*tc* superconductors

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)

1998-11-29

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*-2460 mesons

NT2 d*-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*-2460 mesons

NT1 d*-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 cyclopentanediarninetetraacetic acid

UF hexamethylenediaminetetraacetic acid

UF hmdta

UF tna

UF trinonylamine

SF chemicals

NT1 acetylacetone

NT1 cdta

NT1 dcta

NT1 dedtc

NT1 deferroxamine

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 dosimeters
- *BT1 dosimeters
- NT1 polymer gel dosimeters
- 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 tetaryl
- 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/endothermic 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 benzoylation
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 dehydridation
NT1 dehydrocyclization
NT1 dehydrogenation
NT1 denitration
NT1 denitrification
NT2 combined soxnox processes
NT3 noxso process
NT2 selective catalytic reduction
NT1 dephenolization
NT1 derivatization
NT1 desulfurization
NT2 adip process
NT2 alkalized alumina process
NT2 ammonia-ammonium bisulfate process
NT2 battelle hydrothermal coal process
NT2 beavon process
NT2 benfield process
NT2 bergbauforschung process
NT2 cabf 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 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 reactors
 - 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 antimetabolic 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
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 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
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 NT2 tetrazolium

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 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

CHLOROFORMUF *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

CHOLECALCIFEROLUF *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-crm0
- NT1 steel-crm1
- 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-crm0
- NT2 steel-crm1
- 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-42kh2gsmn

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-ni26cr15ti2movaib
 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 plages
 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-ii 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 ssp 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 tfr 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 hbt devices
 NT3 mst device
 NT3 rfx device
 NT3 tpe-1m15 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 truex 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 anesthetics

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 cdif
NT1 mhd generator cfff
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 bublag-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 kloekner-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 toso-dyne process
 NT1 tosoal 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 cffc 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 shearer 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-cr18ni11nbc
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 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-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 hiparco
 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
 NT2 alloy-hs-31
 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

Cofrentes, 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 hydrogenerating 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 antimetabolic 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 hydrophyllic 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 cdfr 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

COMMUNITION

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

COMPREIGNACITE

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
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.
 *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-crni
 - 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.

*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 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-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-ni26cr15ti2mova1b
NT2 alloy-a-286
NT1 steel-ni36cr12ti3al-l
NT1 tribaloy 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 ceq

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
Cyclopentanediaminetetraacetic 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

CROSTIE 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 / Meysse, 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 / Meysse, 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 / Meysse, Ardeche, France

UF cruas meysse-3 reactor

*BT1 pwr type reactors

CRUAS-4 REACTOR

1992-09-07

Electricite de France, Cruas / Meysse, 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

cryogenics

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 *ctbto*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

NT1 curium 238

NT1 curium 239

NT1 curium 240

NT1 curium 241

NT1 curium 242

NT1 curium 243

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 voltametry

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

cusps

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 crnl 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
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 erevan 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 serpuukhov synchrotron
NT2 serpuukhov 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 cdda

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 cml 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

cyrlic cyclotron

INIS: 1983-06-30; ETDE: 1983-03-24
At Cyclotron 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 (mercaptoethylamine)
 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 antimetabolic drugs

cytotoxins

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

- USE antimetabolic 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 uvjv

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

CZOCHEKSKI 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
Diantipyrilmethane.
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

dechannelling

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 triga-mk-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 hydroxyandrosteneone

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

DELOORO 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 aquaclaus 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 staufer aquaclaus process

UF sulfox process

UF thylox process

UF topsoe-snpa process

UF tyco process

UF unickracking/hds process

UF westvaco process

SF syracuse chemical comminution process

SF townsend process

BT1 chemical reactions

NT1 adip process

NT1 alkaliized 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 deuteron-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 hirosshima
 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.

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-diethylcarbamylyl

methylenephosphonate.

UF dihexyl-n,n-diethylcarbamylyl-

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

diantiprylmethane

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

DICHROISM

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.

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 procra 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 ANALYSIS

UF 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 MODELS

UF 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

DIFFUSION

UF 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 diffuse; 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 digoxin

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-diethylcarbamyl-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

dihi-d

1998-08-28

- USE doublet-3 device

DIIODOTHYRONINE

1983-09-06

- *BT1 thyroid hormones
- RT thyronine
- RT triiodothyronine

DIIODOTYROSINE

- *BT1 amino acids
- *BT1 hydroxy acids
- *BT1 organic iodine compounds
- RT tyrosine

diisoamyl methylphosphonate

- USE damp

diisopentyl methylphosphonate

- USE damp

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.

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** polyneutrons

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.

***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 dioxethylene 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 benzilic acid

diphenylmethanol

USE benzhydrol

diphenylphosphine oxide

USE organic phosphorus compounds

diphenylpicrylhydrazyl

USE dpph

diphenylthiocarbazone

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 pneumoconiosis
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 fracer-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 hydrophylic 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 diphenylthiocarbazon
 *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

dmbs

INIS: 1980-05-14; ETDE: 1979-07-18

USE dimethylbenzanthracene

DME

UF 1,2-dimethoxyethane
 *BT1 ethers
 RT organic solvents

dmf

2018-01-24

USE dimethylformamide

DMSO

UF dimethyl sulfoxide
 *BT1 sulfoxides

DMTR REACTOR

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

dneptr river

INIS: 1992-05-13; ETDE: 2002-06-13

USE dnier river

DNIEPER RIVER

INIS: 1992-05-13; ETDE: 1992-06-22

UF dneptr 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

dopplersons

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 unsear

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 dosimeters

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 dosimeters
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 dmtr 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

*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., 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

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 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 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: 1975-12-29; 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 165
 NT1 dysprosium 166
 NT1 dysprosium 167
 NT1 dysprosium 168
 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

EARTHMOVING 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-ethylenedis(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 bugey-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 bonneville 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 atmospherics
 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 gages
- 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
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- 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
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- NT1 barium 117
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- NT1 berkelium 235
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- NT1 beryllium 7
- NT1 bismuth 190
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 NT1 bromine 67
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 NT1 bromine 77
 NT1 bromine 78
 NT1 bromine 80
 NT1 cadmium 100
 NT1 cadmium 101
 NT1 cadmium 102
 NT1 cadmium 103
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 NT1 cadmium 107
 NT1 cadmium 109
 NT1 cadmium 96
 NT1 cadmium 97
 NT1 calcium 41
 NT1 californium 241
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 NT1 cerium 119
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 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
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 NT1 cobalt 58
 NT1 copper 55
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 NT1 curium 232
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 NT1 dubnium 258
 NT1 dysprosium 138
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 NT1 gallium 62
 NT1 gallium 63
 NT1 gallium 64
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 NT1 gallium 66
 NT1 gallium 67
 NT1 gallium 68
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 NT1 germanium 63
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 NT1 iron 45
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 NT1 palladium 100
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 NT1 palladium 98
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 NT1 platinum 173
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 NT1 polonium 196
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 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
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 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
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 NT1 rubidium 76
 NT1 rubidium 77
 NT1 rubidium 78
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NT1 rubidium 82
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 NT1 rubidium 86
 NT1 ruthenium 87
 NT1 ruthenium 90
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 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 137
 NT1 samarium 138
 NT1 samarium 139
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 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
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 NT1 strontium 81
 NT1 strontium 82
 NT1 strontium 83
 NT1 strontium 85
 NT1 strontium 87
 NT1 tantalum 156
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NT1 tellurium 107
NT1 tellurium 108
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NT1 terbium 136
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NT1 thorium 225
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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
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NT1 uranium 228
NT1 uranium 229
NT1 uranium 231
NT1 vanadium 42
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NT1 xenon 110
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NT1 xenon 125
NT1 xenon 127
NT1 ytterbium 148
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NT1 yttrium 78
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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 pinces-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 thyatron
- 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 electroslag welding

ELECTROSLAG WELDING

*BT1 welding

RT arc welding

RT electroslag 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 cml mp tandem accelerator

NT2 jaeri tandem accelerator

NT2 orsay tandem accelerator

NT2 vivitron tandem accelerator

NT1 van de graaff accelerators

NT2 cml 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*-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	NT4 d mesons	NT4 f2-1270 mesons
NT2 mesons	NT5 d minus mesons	NT4 f2-1430 mesons
NT3 antimesons	NT5 d neutral mesons	NT4 f2-1720 mesons
NT4 pseudoscalar antimesons	NT6 anti-d neutral mesons	NT4 f2-1810 mesons
NT5 anti-b neutral mesons	NT5 d plus mesons	NT4 f2-2010 mesons
NT5 anti-d neutral mesons	NT4 d s mesons	NT4 f2-2300 mesons
NT3 axial vector mesons	NT4 eta-1295 mesons	NT4 f2-2340 mesons
NT4 a1-1260 mesons	NT4 eta-1440 mesons	NT4 f2 prime-1525 mesons
NT4 b1-1235 mesons	NT4 eta c-2980 mesons	NT4 f4-2050 mesons
NT4 chi b1-9890 mesons	NT4 eta mesons	NT4 f4-2300 mesons
NT4 chi1-3510 mesons	NT4 eta prime-958 mesons	NT4 f6-2510 mesons
NT4 d s-2536 mesons	NT4 k-1460 mesons	NT4 k*2-1430 mesons
NT4 d1-2420 mesons	NT4 k-1830 mesons	NT4 k*3-1780 mesons
NT4 f1-1285 mesons	NT4 kaons	NT4 k*4-2045 mesons
NT4 f1-1420 mesons	NT5 antikaons	NT4 k2-1770 mesons
NT4 f1-1510 mesons	NT6 antikaons neutral	NT4 k2-1820 mesons
NT4 h1-1170 mesons	NT5 cosmic kaons	NT4 omega3-1670 mesons
NT4 k1-1270 mesons	NT5 kaons minus	NT4 phi3-1850 mesons
NT4 k1-1400 mesons	NT5 kaons neutral	NT4 pi2-1670 mesons
NT3 baryonium	NT6 antikaons neutral	NT4 pi2-2100 mesons
NT3 beauty mesons	NT6 kaons neutral long-lived	NT4 rho3-1690 mesons
NT4 b c mesons	NT6 kaons neutral short-lived	NT4 rho3-2250 mesons
NT4 b mesons	NT5 kaons plus	NT4 rho5-2350 mesons
NT5 b minus mesons	NT4 pi-1300 mesons	NT3 toponium
NT5 b neutral mesons	NT4 pi-1770 mesons	NT3 vector mesons
NT6 anti-b neutral mesons	NT4 pions	NT4 b*-5325 mesons
NT5 b plus mesons	NT5 cosmic pions	NT4 d*-2010 mesons
NT4 b s mesons	NT5 pions minus	NT4 j psi-3097 mesons
NT4 b*-5325 mesons	NT5 pions neutral	NT4 k*-1410 mesons
NT3 bottomonium	NT5 pions plus	NT4 k*-1680 mesons
NT4 chi b0-10235 mesons	NT4 pseudoscalar antimesons	NT4 k*-892 mesons
NT4 chi b0-9860 mesons	NT5 anti-b neutral mesons	NT4 omega-1420 mesons
NT4 chi b1-10255 mesons	NT5 anti-d neutral mesons	NT4 omega-1600 mesons
NT4 chi b1-9890 mesons	NT3 scalar mesons	NT4 omega-782 mesons
NT4 chi b2-10270 mesons	NT4 a0-980 mesons	NT4 phi-1020 mesons
NT4 chi b2-9915 mesons	NT4 chi0-3415 mesons	NT4 phi-1680 mesons
NT4 upsilon-10023 mesons	NT4 f0-1240 mesons	NT4 psi-3685 mesons
NT4 upsilon-10355 mesons	NT4 f0-1300 mesons	NT4 psi-3770 mesons
NT4 upsilon-10580 mesons	NT4 f0-1590 mesons	NT4 psi-4040 mesons
NT4 upsilon-10860 mesons	NT4 f0-1730 mesons	NT4 psi-4160 mesons
NT4 upsilon-11020 mesons	NT4 f0-980 mesons	NT4 psi-4415 mesons
NT4 upsilon-9460 mesons	NT4 k*0-1430 mesons	NT4 rho-1450 mesons
NT3 charmed mesons	NT3 strange mesons	NT4 rho-1700 mesons
NT4 b c mesons	NT4 b s mesons	NT4 rho-2150 mesons
NT4 d mesons	NT4 d s-2536 mesons	NT4 rho-770 mesons
NT5 d minus mesons	NT4 d s mesons	NT4 upsilon-10023 mesons
NT5 d neutral mesons	NT4 d*s-2110 mesons	NT4 upsilon-10355 mesons
NT6 anti-d neutral mesons	NT4 k-1460 mesons	NT4 upsilon-10580 mesons
NT5 d plus mesons	NT4 k-1830 mesons	NT4 upsilon-10860 mesons
NT4 d s-2536 mesons	NT4 k*-1410 mesons	NT4 upsilon-11020 mesons
NT4 d s mesons	NT4 k*-1680 mesons	NT4 upsilon-9460 mesons
NT4 d*-2010 mesons	NT4 k*-892 mesons	NT3 x-1700 mesons
NT4 d*2-2460 mesons	NT4 k*0-1430 mesons	NT3 x-1935 mesons
NT4 d*s-2110 mesons	NT4 k*2-1430 mesons	NT3 x-2220 mesons
NT4 d1-2420 mesons	NT4 k*3-1780 mesons	NT3 x-3075 mesons
NT3 charmonium	NT4 k*4-2045 mesons	NT2 resonance particles
NT4 chi0-3415 mesons	NT4 k1-1270 mesons	NT3 exotic resonances
NT4 chi1-3510 mesons	NT4 k1-1400 mesons	NT1 higgs bosons
NT4 chi2-3555 mesons	NT4 k2-1770 mesons	NT1 intermediate bosons
NT4 eta c-2980 mesons	NT4 k2-1820 mesons	NT2 intermediate vector bosons
NT4 eta c-3590 mesons	NT4 kaons	NT3 w minus bosons
NT4 j psi-3097 mesons	NT5 antikaons	NT3 w plus bosons
NT4 psi-3685 mesons	NT6 antikaons neutral	NT3 z neutral bosons
NT4 psi-3770 mesons	NT5 cosmic kaons	NT1 leading particles
NT4 psi-4040 mesons	NT5 kaons minus	NT1 leptons
NT4 psi-4160 mesons	NT5 kaons neutral	NT2 antileptons
NT4 psi-4415 mesons	NT6 antikaons neutral	NT3 antineutrinos
NT3 phi mesons	NT6 kaons neutral long-lived	NT4 electron antineutrinos
NT4 phi-1020 mesons	NT6 kaons neutral short-lived	NT4 muon antineutrinos
NT4 phi-1680 mesons	NT5 kaons plus	NT3 muons plus
NT4 phi3-1850 mesons	NT3 strangeonium	NT3 positrons
NT3 pseudoscalar mesons	NT4 f2 prime-1525 mesons	NT4 cosmic positrons
NT4 b c mesons	NT3 tensor mesons	NT2 electrons
NT4 b mesons	NT4 a2-1320 mesons	NT3 cosmic electrons
NT5 b minus mesons	NT4 a4-2040 mesons	NT3 exoelectrons
NT5 b neutral mesons	NT4 a6-2450 mesons	NT3 prompt electrons
NT6 anti-b neutral mesons	NT4 chi b2-9915 mesons	NT3 runaway electrons
NT5 b plus mesons	NT4 chi2-3555 mesons	NT3 solar electrons
NT4 b s mesons	NT4 d*2-2460 mesons	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 massless particles
 NT2 gravitons
 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
 NT2 photons
 NT3 cosmic photons
 NT1 postulated particles
 NT2 dilatons
 NT2 dyons
 NT2 goldstone bosons
 NT3 axions
 NT3 majorons
 NT2 gravitons
 NT2 heavy neutral muons
 NT2 inflatons
 NT2 leptoquarks
 NT2 magnetic monopoles
 NT2 plektons
 NT2 preons
 NT2 sparticles
 NT3 dilatons
 NT3 gluinos
 NT3 gravitinos
 NT3 higgsinos
 NT3 neutralinos
 NT3 photinos
 NT3 winos
 NT3 zinos
 NT2 spurions
 NT2 sterile neutrinos
 NT2 tachyons
 NT2 top particles
 NT3 t quarks
 NT4 t antiquarks
 NT2 wimps
 NT1 strange particles
 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 s quarks
 NT3 s antiquarks
 NT2 spurions
 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
 NT1 virtual particles
 RT charged-particle transport theory
 RT fundamental constants
 RT schwinger source theory

ELEMENTS

For chemical elements only.

UF trace elements

NT1 metals

NT2 actinides
 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*
 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 *amniion 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

enanthalic 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 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 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 ill high flux reactor

NT1 acpr reactor

NT1 aerojet-general nucleonics reactors

NT2 agn-201k reactor

NT2 agn 201 costanza

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 srrc-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 brunbuettel 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	NT1	gtrr reactor	NT1	mnsr type reactors
NT2	shika-2 reactor	NT1	hanaro reactor	NT2	entc mnsr reactor
NT2	shimane-1 reactor	NT1	harmonie reactor	NT2	gharr-1 reactor
NT2	shimane-2 reactor	NT1	hbwr reactor	NT2	mnsr-ciae reactor
NT2	shimane-3 reactor	NT1	hector reactor	NT2	mnsr-sd reactor
NT2	shoreham reactor	NT1	herald reactor	NT2	mnsr-sh reactor
NT2	skagit-1 reactor	NT1	hero reactor	NT2	mnsr-sz reactor
NT2	skagit-2 reactor	NT1	hfbr reactor	NT2	nirr-1 reactor
NT2	sl-1 reactor	NT1	hfetr reactor	NT2	parr-2 reactor
NT2	susquehanna-1 reactor	NT1	hfir reactor	NT2	srr-1 reactor
NT2	susquehanna-2 reactor	NT1	hfr reactor	NT1	mrr reactor
NT2	tarapur-1 reactor	NT1	hifar reactor	NT1	msre reactor
NT2	tarapur-2 reactor	NT1	hnpf reactor	NT1	mtr reactor
NT2	tokai-2 reactor	NT1	hor reactor	NT1	murr reactor
NT2	tsuruga reactor	NT1	horace reactor	NT1	n-reactor
NT2	tullnerfeld reactor	NT1	hprr reactor	NT1	ncscr-1 reactor
NT2	vak reactor	NT1	hre-2 reactor	NT1	nevada university reactor
NT2	vbwr reactor	NT1	htltr reactor	NT1	nhr-5 reactor
NT2	vermont yankee reactor	NT1	htr-10 reactor	NT1	niederaichbach reactor
NT2	verplanck-1 reactor	NT1	htr reactor	NT1	nsrr reactor
NT2	verplanck-2 reactor	NT1	httr reactor	NT1	ntr reactor
NT2	vk-50 reactor	NT1	hwctr reactor	NT1	nuclear furnace reactor
NT2	wnp-2 reactor	NT1	ian-r1 reactor	NT1	nur reactor
NT2	wuergassen reactor	NT1	iear-1 reactor	NT1	oldbury-b reactor
NT2	zimmer-1 reactor	NT1	ignalina-1 reactor	NT1	omre reactor
NT2	zimmer-2 reactor	NT1	ignalina-2 reactor	NT1	opal reactor
NT1	byu l-77 reactor	NT1	igr reactor	NT1	orr reactor
NT1	cabri reactor	NT1	irl reactor	NT1	osiris reactor
NT1	cesnef reactor	NT1	irr-1 reactor	NT1	owr reactor
NT1	chernobylsk-1 reactor	NT1	irt-2000 djakarta reactor	NT1	parr-1 reactor
NT1	chernobylsk-2 reactor	NT1	irt-2000 moscow reactor	NT1	pbr reactor
NT1	chernobylsk-3 reactor	NT1	irt-c reactor	NT1	pctr reactor
NT1	chernobylsk-4 reactor	NT1	irt-f reactor	NT1	peach bottom-1 reactor
NT1	consort-2 reactor	NT1	irt reactor	NT1	pegase reactor
NT1	coral-1 reactor	NT1	irt-sofia reactor	NT1	peggy reactor
NT1	cp-3m reactor	NT1	isis reactor	NT1	pelinduna reactor
NT1	cp-5 reactor	NT1	isprr-1 reactor	NT1	perryman-1 reactor
NT1	cvtr reactor	NT1	ivv-2m reactor	NT1	perryman-2 reactor
NT1	delphi reactor	NT1	janus reactor	NT1	phebus reactor
NT1	democritus reactor	NT1	jeep-2 reactor	NT1	phenix reactor
NT1	dfr reactor	NT1	jen-1 reactor	NT1	pik physical model reactor
NT1	dido reactor	NT1	jen reactor	NT1	pik reactor
NT1	dmtr reactor	NT1	jmtr reactor	NT1	pluto reactor
NT1	dr-1 reactor	NT1	jordan subcritical assembly	NT1	pnpf reactor
NT1	dr-2 reactor	NT1	jrr-1 reactor	NT1	prnc-l-77 reactor
NT1	dr-3 reactor	NT1	jrr-2 reactor	NT1	proteus reactor
NT1	dragon reactor	NT1	jrr-3m reactor	NT1	pr-1 reactor
NT1	ebor reactor	NT1	jrr-4 reactor	NT1	pr-2 reactor
NT1	egcr reactor	NT1	jules horowitz reactor	NT1	ptr reactor
NT1	el-3 reactor	NT1	knk-2 reactor	NT1	pulstar-buffalo reactor
NT1	el-4 reactor	NT1	knk reactor	NT1	pur-1 reactor
NT1	enrico fermi-1 reactor	NT1	kuca reactor	NT1	pwr type reactors
NT1	entc lwsr reactor	NT1	kuhfr reactor	NT2	aguirre reactor
NT1	eocr reactor	NT1	kur reactor	NT2	almaraz-1 reactor
NT1	es-salam reactor	NT1	kursk-1 reactor	NT2	almaraz-2 reactor
NT1	esada-vesr reactor	NT1	kursk-2 reactor	NT2	angra-1 reactor
NT1	essor reactor	NT1	kursk-3 reactor	NT2	angra-2 reactor
NT1	etr reactor	NT1	kursk-4 reactor	NT2	angra-3 reactor
NT1	etr-2 reactor	NT1	leningrad-1 reactor	NT2	arkansas-1 reactor
NT1	evsr reactor	NT1	leningrad-2 reactor	NT2	arkansas-2 reactor
NT1	ewg-1 reactor	NT1	leningrad-3 reactor	NT2	asco-1 reactor
NT1	fmr-1 reactor	NT1	leningrad-4 reactor	NT2	asco-2 reactor
NT1	fmr-2 reactor	NT1	lido reactor	NT2	atlantic-1 reactor
NT1	fmr-3 reactor	NT1	littr reactor	NT2	atlantic-2 reactor
NT1	fr-0 reactor	NT1	lpr reactor	NT2	basf-1 reactor
NT1	frf reactor	NT1	lptr reactor	NT2	basf-2 reactor
NT1	frg-1 reactor	NT1	lucens reactor	NT2	beaver valley-1 reactor
NT1	frg-2 reactor	NT1	maple reactor	NT2	beaver valley-2 reactor
NT1	frj-1 reactor	NT1	maple type reactors	NT2	bellefonte-1 reactor
NT1	frj-2 reactor	NT1	maria reactor	NT2	bellefonte-2 reactor
NT1	frm-ii reactor	NT1	marviken reactor	NT2	belleville-1 reactor
NT1	frm reactor	NT1	maryla reactor	NT2	belleville-2 reactor
NT1	fulton-1 reactor	NT1	masurca reactor	NT2	beznau-1 reactor
NT1	fulton-2 reactor	NT1	melusine-1 reactor	NT2	beznau-2 reactor
NT1	ga siwabessy reactor	NT1	merlin reactor	NT2	biblis-1 reactor
NT1	ga standard reactor	NT1	minerve reactor	NT2	biblis-2 reactor
NT1	getr reactor	NT1	mitr reactor	NT2	biblis-3 reactor
NT1	giacint reactor	NT1	ml-1 reactor	NT2	biblis-4 reactor
NT1	gidra reactor	NT1	mnr reactor	NT2	blayais-1 reactor

NT2 blayais-2 reactor
 NT2 blayais-3 reactor
 NT2 blayais-4 reactor
 NT2 blue hills-1 reactor
 NT2 blue hills-2 reactor
 NT2 borssele reactor
 NT2 br-3 reactor
 NT2 braidwood-1 reactor
 NT2 braidwood-2 reactor
 NT2 brokdorf reactor
 NT2 bugey-2 reactor
 NT2 bugey-3 reactor
 NT2 bugey-4 reactor
 NT2 bugey-5 reactor
 NT2 bw standard reactor
 NT2 byron-1 reactor
 NT2 byron-2 reactor
 NT2 calhoun-1 reactor
 NT2 calhoun-2 reactor
 NT2 callaway-1 reactor
 NT2 callaway-2 reactor
 NT2 calvert cliffs-1 reactor
 NT2 calvert cliffs-2 reactor
 NT2 carem 25 reactor
 NT2 catawba-1 reactor
 NT2 catawba-2 reactor
 NT2 cattenom-1 reactor
 NT2 cattenom-2 reactor
 NT2 cattenom-3 reactor
 NT2 cattenom-4 reactor
 NT2 ce standard reactor
 NT2 changjiang-1 reactor
 NT2 changjiang-2 reactor
 NT2 chasnupp-1 reactor
 NT2 chasnupp-2 reactor
 NT2 chasnupp-3 reactor
 NT2 cherokee-1 reactor
 NT2 cherokee-2 reactor
 NT2 cherokee-3 reactor
 NT2 chinon-b1 reactor
 NT2 chinon-b2 reactor
 NT2 chinon-b3 reactor
 NT2 chinon-b4 reactor
 NT2 chooz-a reactor
 NT2 chooz-b1 reactor
 NT2 chooz-b2 reactor
 NT2 civaux-1 reactor
 NT2 civaux-2 reactor
 NT2 comanche peak-1 reactor
 NT2 comanche peak-2 reactor
 NT2 connecticut yankee reactor
 NT2 cook-1 reactor
 NT2 cook-2 reactor
 NT2 cruas-1 reactor
 NT2 cruas-2 reactor
 NT2 cruas-3 reactor
 NT2 cruas-4 reactor
 NT2 crystal river-3 reactor
 NT2 crystal river-4 reactor
 NT2 dampierre-1 reactor
 NT2 dampierre-2 reactor
 NT2 dampierre-3 reactor
 NT2 dampierre-4 reactor
 NT2 davis besse-1 reactor
 NT2 davis besse-2 reactor
 NT2 davis besse-3 reactor
 NT2 daya bay-1 reactor
 NT2 daya bay-2 reactor
 NT2 diablo canyon-1 reactor
 NT2 diablo canyon-2 reactor
 NT2 doel-1 reactor
 NT2 doel-2 reactor
 NT2 doel-3 reactor
 NT2 doel-4 reactor
 NT2 efd-50 reactor
 NT2 emsland reactor
 NT2 erie-1 reactor
 NT2 erie-2 reactor
 NT2 fangchenggang-1 reactor

NT2 fangchenggang-2 reactor
 NT2 fangjiashan-1 reactor
 NT2 fangjiashan-2 reactor
 NT2 farley-1 reactor
 NT2 farley-2 reactor
 NT2 fessenheim-1 reactor
 NT2 fessenheim-2 reactor
 NT2 flamanville-1 reactor
 NT2 flamanville-2 reactor
 NT2 flamanville-3 reactor
 NT2 forked river-1 reactor
 NT2 fuqing-1 reactor
 NT2 fuqing-2 reactor
 NT2 fuqing-3 reactor
 NT2 fuqing-4 reactor
 NT2 fuqing-5 reactor
 NT2 fuqing-6 reactor
 NT2 genkai-1 reactor
 NT2 genkai-2 reactor
 NT2 genkai-3 reactor
 NT2 genkai-4 reactor
 NT2 ginna-1 reactor
 NT2 goesgen reactor
 NT2 golfech-1 reactor
 NT2 golfech-2 reactor
 NT2 grafenrheinfeld reactor
 NT2 gravelines-1 reactor
 NT2 gravelines-2 reactor
 NT2 gravelines-3 reactor
 NT2 gravelines-4 reactor
 NT2 gravelines-5 reactor
 NT2 gravelines-6 reactor
 NT2 greene county reactor
 NT2 greenwood-2 reactor
 NT2 greenwood-3 reactor
 NT2 grohnde reactor
 NT2 hamm-uentrop reactor
 NT2 hanbit-1 reactor
 NT2 hanbit-2 reactor
 NT2 hanbit-3 reactor
 NT2 hanbit-4 reactor
 NT2 hanbit-5 reactor
 NT2 hanbit-6 reactor
 NT2 harris-1 reactor
 NT2 harris-2 reactor
 NT2 harris-3 reactor
 NT2 harris-4 reactor
 NT2 haven-1 reactor
 NT3 koshkonong-1 reactor
 NT2 haven-2 reactor
 NT3 koshkonong-2 reactor
 NT2 hongyanhe-1 reactor
 NT2 hongyanhe-2 reactor
 NT2 hongyanhe-3 reactor
 NT2 hongyanhe-4 reactor
 NT2 ikata-2 reactor
 NT2 ikata-3 reactor
 NT2 ikata reactor
 NT2 indian point-1 reactor
 NT2 indian point-2 reactor
 NT2 indian point-3 reactor
 NT2 iran-1 reactor
 NT2 iran-2 reactor
 NT2 isar-2 reactor
 NT2 jamesport-1 reactor
 NT2 jamesport-2 reactor
 NT2 kewaunee reactor
 NT2 koeberg-1 reactor
 NT2 koeberg-2 reactor
 NT2 kori-1 reactor
 NT2 kori-2 reactor
 NT2 kori-3 reactor
 NT2 kori-4 reactor
 NT2 krsko reactor
 NT2 lemoniz-1 reactor
 NT2 lemoniz-2 reactor
 NT2 lenin reactor
 NT2 leonid brezhnev reactor
 NT2 lingao-1 reactor

NT2 lingao-2 reactor
 NT2 lingao-3 reactor
 NT2 lingao-4 reactor
 NT2 loft 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 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 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 wwcr 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 mochowce-1 reactor
 NT3 mochowce-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 r-a reactor
 NT1 r2-0 reactor
 NT1 ra-5 reactor
 NT1 ra-6 reactor
 NT1 ra-8 reactor
 NT1 rana reactor
 NT1 rapsodie reactor
 NT1 rb-1 reactor
 NT1 rg-1m reactor
 NT1 ritmo reactor
 NT1 rmb reactor
 NT1 rospo reactor
 NT1 rpt reactor
 NT1 rts-1 reactor
 NT1 rv-1 reactor
 NT1 safari-1 reactor
 NT1 saphir reactor
 NT1 sbr-1 reactor
 NT1 schmehausen-2 reactor
 NT1 ser reactor
 NT1 sghwr reactor
 NT1 shca reactor
 NT1 silene reactor
 NT1 siloe reactor
 NT1 silhouette 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 smolensk-1 reactor
 NT1 smolensk-2 reactor
 NT1 smolensk-3 reactor
 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
 NT1 snap-tsf reactor
 NT1 snaptran reactors
 NT1 spert-1 reactor
 NT1 spert-2 reactor
 NT1 spert-3 reactor
 NT1 spert-4 reactor
 NT1 sr-1 reactor
 NT1 sr-oa reactor
 NT1 sre reactor
 NT1 stacy reactor
 NT1 stek reactor
 NT1 stir reactor
 NT1 summit-1 reactor
 NT1 summit-2 reactor
 NT1 superphenix reactor
 NT1 supo reactor
 NT1 sur-100 series reactor
 NT1 tca reactor
 NT1 thetis reactor
 NT1 thor reactor
 NT1 thtr-300 reactor
 NT1 tibr reactor
 NT1 toshiba reactor
 NT1 tr-1 reactor
 NT1 tr-2 reactor
 NT1 tracy reactor
 NT1 treat 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 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 triton reactor
 NT1 trr-1 reactor
 NT1 tsr-1 reactor
 NT1 tz1 reactor
 NT1 tz2 reactor
 NT1 uhtrex reactor
 NT1 uknr reactor
 NT1 umne-1 reactor
 NT1 umrr reactor
 NT1 utrr reactor
 NT1 uvar reactor
 NT1 uwtr reactor
 NT1 venus reactor
 NT1 vg-400 reactor
 NT1 vgr-50 reactor
 NT1 vht reactor
 NT1 vidal-1 reactor
 NT1 vidal-2 reactor
 NT1 viper reactor
 NT1 vr-1 reactor
 NT1 vrain reactor
 NT1 wntr reactor
 NT1 wpir reactor
 NT1 wr-1 reactor
 NT1 wrr 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 xma-1 reactor
 NT1 zlfr reactor
 NT1 zpr reactor
 RT beloyarsk-3 reactor
 RT bn-350 reactor
 RT cesar reactor
 RT clinch river breeder reactor
 RT ebr-2 reactor
 RT enriched uranium
 RT eole reactor
 RT iea-zpr reactor
 RT lwgr type reactors
 RT nora reactor
 RT pdp reactor
 RT pfr reactor
 RT sneak reactor
 RT vera reactor
 RT zebra reactor
 RT zenith 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 REACTOR

Detroit 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 REACTOR

Detroit 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 thermoactinomyces

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 ma-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-monoxygenase
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

EPEMEROPTERA

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 ecol 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 zpr 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 procra 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 pcw 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 pyrliometers

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 acetal
 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

etioporphyris

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 nrrts-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 nemst effect
 RT righi-leduc effect

ettingshausen-nernst effect

2016-04-07

USE nemst 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

eurelios 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
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- NT1 europium 149
- NT1 europium 150
- NT1 europium 151
- NT1 europium 152
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- 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 164
 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
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 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
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 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
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 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
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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
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 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
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 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
 NT1 mercury 204
 NT1 mercury 206
 NT1 mercury 208
 NT1 mercury 210
 NT1 mercury 212
 NT1 molybdenum 100
 NT1 molybdenum 102
 NT1 molybdenum 104
 NT1 molybdenum 106
 NT1 molybdenum 108
 NT1 molybdenum 110
 NT1 molybdenum 112
 NT1 molybdenum 114
 NT1 molybdenum 84
 NT1 molybdenum 86
 NT1 molybdenum 88
 NT1 molybdenum 90
 NT1 molybdenum 92
 NT1 molybdenum 94
 NT1 molybdenum 96
 NT1 molybdenum 98
 NT1 neodymium 124
 NT1 neodymium 126
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 NT1 neodymium 130
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 NT1 zinc 54
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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 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 GERJOOY-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

EXO ELECTRON DOSE METERS

*BT1 dosimeters

EXO ELECTRONS

*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 nuclear chicago reactor
 NT2 accelerator-driven subcritical systems
 NT3 accelerator-driven transmutation facilities
 NT3 brahmma facility
 NT3 myrrha facility
 NT3 venus reactor
 NT3 yalina facility
 NT2 delphi reactor
 NT2 entc lwsr reactor
 NT2 jordan subcritical assembly
 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 vhtr reactor
 NT1 xe-2 reactor
 NT1 xe-prime reactor
 NT1 xma-1 reactor
 NT1 zero power reactors
 NT2 agn-201k reactor
 NT2 agata 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 cfrmf 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 juno 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 ornl-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 renselaer critical facility
 NT2 ritmo reactor
 NT2 rospo reactor
 NT2 rp-0 reactor
 NT2 saref reactor
 NT2 shca reactor
 NT2 silene reactor
 NT2 silhouette reactor
 NT2 sm-1 subcritical assembly
 NT2 sneak reactor
 NT2 split table reactor
 NT2 sr-oa reactor
 NT2 stacy reactor
 NT2 tca reactor
 NT2 thrc 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 vhtr 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

EXTRACORPOREAL 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 plagues

FADDEEV EQUATIONS

BT1 equations
 RT lippmann-schwinger equation
 RT multiple scattering
 RT three-body problem

FAEROE ISLANDS

UF faroe islands
 BT1 islands
 RT atlantic ocean
 RT denmark

FAILED ELEMENT DETECTION

UF 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 MONITORS

UF 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 ANALYSIS

UF 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

FAILURES

SF 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
 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 lmfr 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 ftf reactor

fast flux test facility reactor

2000-04-12

USE ftf 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 nirus 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 pfbr 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 ftf 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 results even 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 September 1994, 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 polynucleons

NT5 dineutrons

NT5 tetra-neutrons

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 ftf 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

FIBRINOLYSIN

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 fibrinolysin

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

firedamp

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

firestreak 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

fisher-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

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 *flavonoids*
 *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 uftr 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

FLOWSHEETS

- 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 ncsr-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

FLUORESCCEIN

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 fluoroform
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 doseimeters

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

FLUOROTHYMIDINE

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 conceptin 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 forbush depression
UF forbush event
RT cosmic radiation
RT magnetic storms
RT solar flares
RT solar wind

forbush depression

USE forbush decrease

forbush event

USE forbush 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 briquets 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 fmrb 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 frm 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 soultz-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
- NT1 francium 206
- NT1 francium 207
- NT1 francium 208
- NT1 francium 209
- NT1 francium 210
- NT1 francium 211

NT1 francium 212
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NT1 francium 220
NT1 francium 221
NT1 francium 222
NT1 francium 223
NT1 francium 224
NT1 francium 225
NT1 francium 226
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

franckenstein

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

FRCTF 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

FRETTEING 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 dosimeters

USE chemical dosimeters

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
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

ftf reactor (richland)

2000-04-12
USE ftf 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 bumup
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 attapulgit

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

FUMAROLLES

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 bessell 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 (endoenergetic)

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 ganges 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 accellerateur 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 gcfr reactor

gas cooled fast breeder reactors

1993-11-08

USE gcfr 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 kalpakkam 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 bugy-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 vandellos reactor

NT2 wagr reactor

NT2 wylfa reactor

NT1 ewg-1 reactor

NT1 gcfr type reactors

NT2 gcfr 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 bugy-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 ebora reactor

NT2 egcr reactor

NT2 fulton-1 reactor

NT2 fulton-2 reactor

NT2 gcfr reactor

NT2 gcre reactor

NT2 htr-10 reactor

NT2 htr 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 vhr reactor

NT2 vidal-1 reactor

NT2 vidal-2 reactor

NT2 vrain reactor

NT1 higr 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 htr 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 vhr 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 gasers

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 biotherm gas 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 hydropyrolysis 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 klochner-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 seacoal process
NT2 shell-koppers gasification process
NT2 synthane process
NT2 texaco gasification process
NT2 toso-dyne process
NT2 tosoal process
NT2 u-gas process
NT2 wellman-galuscha 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 vandellos 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

geestacht-1 research reactor

USE frg-1 reactor

geestacht-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 promoters

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 promoters
 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 gentilly reactor
*BT1 candu type reactors
*BT1 hwlwr type reactors
*BT1 natural uranium reactors

GENTILLY-2 REACTOR

Nicolet, Quebec, Canada. Permanent shutdown since 2012.

UF gentilly reactor
*BT1 candu type reactors
*BT1 natural uranium reactors
*BT1 phwr type reactors

gentilly reactor

ETDE: 2002-06-13
Prior 2018 used for GENTILLY-1 REACTOR.

USE gentilly-1 reactor
USE gentilly-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 yeelirrie 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

GEOTHERMAL AIR CONDITIONING

INIS: 2000-04-12; ETDE: 1979-01-30
BT1 air conditioning
RT geothermal refrigeration

geothermal areas

1990-12-15
USE geothermal fields

GEOTHERMAL DISTRICT HEATING

INIS: 1993-01-26; ETDE: 1977-08-24
*BT1 district heating
*BT1 geothermal heating
RT geothermal space heating

GEOTHERMAL 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

GEOTHERMAL ENERGY CONVERSION

1992-08-19
*BT1 energy conversion
RT binary-fluid systems
RT flashed steam systems
RT total flow systems

GEOTHERMAL 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

GEOTHERMAL 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 pazhetsk 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

GEOTHERMAL 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

GEOTHERMAL GRADIENTS

1993-06-07

The rate of increase of temperature in the earth with depth.

- BT1 temperature gradients

GEOTHERMAL 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

GEOTHERMAL HEATING SYSTEMS

INIS: 2000-04-12; ETDE: 1976-04-19

- *BT1 heating systems
 RT district heating
 RT geothermal heating

GEOTHERMAL 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 pazhetsk geothermal field
 RT wairakei geothermal field

GEOTHERMAL INDUSTRY

INIS: 1992-05-12; ETDE: 1977-12-22

- BT1 industry
 RT geothermal energy

GEOTHERMAL POWER PLANTS

- *BT1 thermal power plants
 RT binary-fluid systems
 RT flashed steam systems
 RT geothermal energy
 RT total flow systems

GEOTHERMAL PROCESS HEAT

INIS: 2000-04-12; ETDE: 1978-02-15

- *BT1 process heat
 RT geothermal heating

GEOTHERMAL REFRIGERATION

INIS: 2000-04-12; ETDE: 1975-11-26

- *BT1 refrigeration
 RT geothermal air conditioning

geothermal regions

1990-12-15

- USE geothermal fields

GEOTHERMAL RESOURCES

1992-03-30

(Until March 1992, this was indexed by GEOTHERMAL ENERGY and RESOURCES.)

- BT1 resources
 RT geothermal systems

GEOTHERMAL 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

GEOTHERMAL 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 geopressed systems
 RT geothermal fields
 RT geothermal resources

GEOTHERMAL 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

GEOTHERMAL WELLS

1992-09-03

- BT1 wells
 RT directional drilling
 RT exploratory wells
 RT injection wells
 RT well drilling
 RT well pressure
 RT wellheads

GEOTHERMOMETERS

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

GEOTHERMOMETRY

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 *gnothobionts*
 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

GHANAIA 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

GIBBSAR 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 srcc-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.

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 glycogenic 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 glycocoll
***BT1** amino acids
RT glycylglycine
RT hippuric acid
RT sarcosine

GLYCINE HISPIDA

UF soybean plant
***BT1** leguminosae
RT forage
RT soybeans

glycocoll

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 ORGANIDS.)

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 disinfestation

RT agriculture

RT cereals

RT fumigants

RT insects

RT pesticides

RT preservation

RT radiodisinfestation

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 bugy-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 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 htlr 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 unitor
- 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 unitor

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 wwer 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 wwer 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 wwer 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 wwer 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 wwer 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 wwer 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 COMMINUTION.

- 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 anhydases

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

GUANINE

UF 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 gcfr 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 ACACIA

UF 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 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-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

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 polynucleons

NT5 dineutrons

NT5 tetra-neutrons

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 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 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
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- 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 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 schroekingierite

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 bismuth fluorides

NT2 bismuth iodides

NT1 boron halides

NT2 boron bromides

NT2 boron chlorides

NT2 boron fluorides

NT2 boron iodides

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	gallium chlorides	NT2	cobalt bromides
NT2	tantalum bromides	NT2	germanium chlorides	NT2	cobalt chlorides
NT2	technetium bromides	NT2	gold chlorides	NT2	cobalt fluorides
NT2	tellurium bromides	NT2	hafnium chlorides	NT2	cobalt iodides
NT2	terbium bromides	NT2	helium chlorides	NT1	copper halides
NT2	thallium bromides	NT2	holmium chlorides	NT2	copper bromides
NT2	thorium bromides	NT2	hydrogen chlorides	NT2	copper chlorides
NT2	thulium bromides	NT2	indium chlorides	NT2	copper fluorides
NT2	tin bromides	NT2	iodine chlorides	NT2	copper iodides
NT2	titanium bromides	NT2	iridium chlorides	NT1	curium halides
NT2	tungsten bromides	NT2	iron chlorides	NT2	curium bromides
NT2	uranium bromides	NT2	krypton chlorides	NT2	curium chlorides
NT2	vanadium bromides	NT2	lanthanum chlorides	NT2	curium fluorides
NT2	xenon bromides	NT2	lead chlorides	NT2	curium iodides
NT2	ytterbium bromides	NT2	lithium chlorides	NT1	dysprosium halides
NT2	yttrium bromides	NT2	lutetium chlorides	NT2	dysprosium bromides
NT2	zinc bromides	NT2	magnesium chlorides	NT2	dysprosium chlorides
NT2	zirconium bromides	NT2	manganese chlorides	NT2	dysprosium fluorides
NT1	bromine halides	NT2	mercury chlorides	NT2	dysprosium iodides
NT2	bromine chlorides	NT2	methylene blue	NT1	einsteinium halides
NT2	bromine fluorides	NT2	molybdenum chlorides	NT2	einsteinium bromides
NT1	cadmium halides	NT2	neodymium chlorides	NT2	einsteinium chlorides
NT2	cadmium bromides	NT2	neon chlorides	NT2	einsteinium fluorides
NT2	cadmium chlorides	NT2	neptunium chlorides	NT2	einsteinium iodides
NT2	cadmium fluorides	NT2	nickel chlorides	NT1	erbium halides
NT2	cadmium iodides	NT2	niobium chlorides	NT2	erbium bromides
NT1	calcium halides	NT2	nitrogen chlorides	NT2	erbium chlorides
NT2	calcium bromides	NT2	osmium chlorides	NT2	erbium fluorides
NT2	calcium chlorides	NT2	palladium chlorides	NT2	erbium iodides
NT2	calcium fluorides	NT2	phosphorus chlorides	NT1	europium halides
NT2	calcium iodides	NT2	platinum chlorides	NT2	europium bromides
NT1	californium halides	NT2	plutonium chlorides	NT2	europium chlorides
NT2	californium bromides	NT2	polonium chlorides	NT2	europium fluorides
NT2	californium chlorides	NT2	potassium chlorides	NT2	europium iodides
NT2	californium fluorides	NT2	praseodymium chlorides	NT1	fermium halides
NT2	californium iodides	NT2	promethium chlorides	NT2	fermium bromides
NT1	carbon halides	NT2	protactinium chlorides	NT2	fermium chlorides
NT2	carbon fluorides	NT2	radium chlorides	NT2	fermium iodides
NT1	cerium halides	NT2	rhodium chlorides	NT1	fluorides
NT2	cerium bromides	NT2	rhodium chlorides	NT2	actinium fluorides
NT2	cerium chlorides	NT2	rubidium chlorides	NT2	aluminium fluorides
NT2	cerium fluorides	NT2	ruthenium chlorides	NT2	americium fluorides
NT2	cerium iodides	NT2	rutherfordium chlorides	NT2	ammonium fluorides
NT1	cesium halides	NT2	samarium chlorides	NT2	antimony fluorides
NT2	cesium bromides	NT2	scandium chlorides	NT2	argon fluorides
NT2	cesium chlorides	NT2	selenium chlorides	NT2	arsenic fluorides
NT2	cesium fluorides	NT2	silicon chlorides	NT2	barium fluorides
NT2	cesium iodides	NT2	silver chlorides	NT2	berkelium fluorides
NT1	chlorides	NT2	sodium chlorides	NT2	beryllium fluorides
NT2	actinium chlorides	NT2	strontium chlorides	NT2	bismuth fluorides
NT2	aluminium chlorides	NT2	sulfur chlorides	NT2	boron fluorides
NT2	americium chlorides	NT2	tantalum chlorides	NT2	bromine fluorides
NT2	ammonium chlorides	NT2	technetium chlorides	NT2	cadmium fluorides
NT2	antimony chlorides	NT2	tellurium chlorides	NT2	calcium fluorides
NT2	argon chlorides	NT2	terbium chlorides	NT2	californium fluorides
NT2	arsenic chlorides	NT2	tetrazolium	NT2	carbon fluorides
NT2	astatine chlorides	NT2	thallium chlorides	NT2	cerium fluorides
NT2	barium chlorides	NT2	thionyl chlorides	NT2	cesium fluorides
NT2	berkelium chlorides	NT2	thorium chlorides	NT2	chlorine fluorides
NT2	beryllium chlorides	NT2	thulium chlorides	NT2	chromium fluorides
NT2	bismuth chlorides	NT2	tin chlorides	NT2	cobalt fluorides
NT2	boron chlorides	NT2	titanium chlorides	NT2	copper fluorides
NT2	bromine chlorides	NT2	tungsten chlorides	NT2	curium fluorides
NT2	cadmium chlorides	NT2	uranium chlorides	NT2	dysprosium fluorides
NT2	calcium chlorides	NT2	uranyl chlorides	NT2	einsteinium fluorides
NT2	californium chlorides	NT2	vanadium chlorides	NT2	erbium fluorides
NT2	cerium chlorides	NT2	xenon chlorides	NT2	europium fluorides
NT2	cesium chlorides	NT2	ytterbium chlorides	NT2	gadolinium fluorides
NT2	chromium chlorides	NT2	yttrium chlorides	NT2	gallium fluorides
NT2	cobalt chlorides	NT2	zinc chlorides	NT2	germanium fluorides
NT2	copper chlorides	NT2	zirconium chlorides	NT2	gold fluorides
NT2	curium chlorides	NT1	chlorine halides	NT2	hafnium fluorides
NT2	dysprosium chlorides	NT2	chlorine fluorides	NT2	holmium fluorides
NT2	einsteinium chlorides	NT1	chromium halides	NT2	hydrogen fluorides
NT2	erbium chlorides	NT2	chromium bromides	NT2	indium fluorides
NT2	europium chlorides	NT2	chromium chlorides	NT2	iodine fluorides
NT2	fermium chlorides	NT2	chromium fluorides	NT2	iridium fluorides
NT2	francium chlorides	NT2	chromium iodides	NT2	iron fluorides
NT2	gadolinium chlorides	NT1	cobalt halides	NT2	krypton fluorides

NT2	lanthanum fluorides	NT2	gold fluorides	NT2	plutonium iodides
NT2	lead fluorides	NT2	gold iodides	NT2	polonium iodides
NT2	lithium fluorides	NT1	hafnium halides	NT2	potassium iodides
NT2	lutetium fluorides	NT2	hafnium bromides	NT2	praseodymium iodides
NT2	magnesium fluorides	NT2	hafnium chlorides	NT2	promethium iodides
NT2	manganese fluorides	NT2	hafnium fluorides	NT2	protactinium iodides
NT2	mercury fluorides	NT2	hafnium iodides	NT2	rhenium iodides
NT2	molybdenum fluorides	NT1	helium halides	NT2	rubidium iodides
NT2	neodymium fluorides	NT2	helium chlorides	NT2	samarium iodides
NT2	neon fluorides	NT1	holmium halides	NT2	scandium iodides
NT2	neptunium fluorides	NT2	holmium bromides	NT2	selenium iodides
NT2	nickel fluorides	NT2	holmium chlorides	NT2	silicon iodides
NT2	niobium fluorides	NT2	holmium fluorides	NT2	silver iodides
NT2	nitrogen fluorides	NT2	holmium iodides	NT2	sodium iodides
NT2	osmium fluorides	NT1	hydrogen halides	NT2	strontium iodides
NT2	palladium fluorides	NT2	hydrogen bromides	NT2	tantalum iodides
NT2	phosphorus fluorides	NT2	hydrogen chlorides	NT2	technetium iodides
NT2	platinum fluorides	NT2	hydrogen fluorides	NT2	tellurium iodides
NT2	plutonium fluorides	NT2	hydrogen iodides	NT2	terbium iodides
NT2	polonium fluorides	NT1	indium halides	NT2	thallium iodides
NT2	potassium fluorides	NT2	indium bromides	NT2	thorium iodides
NT2	praseodymium fluorides	NT2	indium chlorides	NT2	thulium iodides
NT2	promethium fluorides	NT2	indium fluorides	NT2	tin iodides
NT2	protactinium fluorides	NT2	indium iodides	NT2	titanium iodides
NT2	radium fluorides	NT1	iodides	NT2	tungsten iodides
NT2	radon fluorides	NT2	aluminium iodides	NT2	uranium iodides
NT2	rhenium fluorides	NT2	americium iodides	NT2	vanadium iodides
NT2	rhodium fluorides	NT2	antimony iodides	NT2	xenon iodides
NT2	rubidium fluorides	NT2	argon iodides	NT2	ytterbium iodides
NT2	ruthenium fluorides	NT2	arsenic iodides	NT2	yttrium iodides
NT2	samarium fluorides	NT2	astatine iodides	NT2	zinc iodides
NT2	scandium fluorides	NT2	barium iodides	NT2	zirconium iodides
NT2	selenium fluorides	NT2	beryllium iodides	NT1	iodine halides
NT2	silicon fluorides	NT2	bismuth iodides	NT2	iodine bromides
NT2	silver fluorides	NT2	boron iodides	NT2	iodine chlorides
NT2	sodium fluorides	NT2	cadmium iodides	NT2	iodine fluorides
NT2	strontium fluorides	NT2	calcium iodides	NT1	iridium halides
NT2	sulfur fluorides	NT2	californium iodides	NT2	iridium chlorides
NT2	tantalum fluorides	NT2	cerium iodides	NT2	iridium fluorides
NT2	technetium fluorides	NT2	cesium iodides	NT1	iron halides
NT2	tellurium fluorides	NT2	chromium iodides	NT2	iron bromides
NT2	terbium fluorides	NT2	cobalt iodides	NT2	iron chlorides
NT2	thallium fluorides	NT2	copper iodides	NT2	iron fluorides
NT2	thorium fluorides	NT2	curium iodides	NT1	krypton halides
NT2	thulium fluorides	NT2	dysprosium iodides	NT2	krypton bromides
NT2	tin fluorides	NT2	einsteinium iodides	NT2	krypton chlorides
NT2	titanium fluorides	NT2	erbium iodides	NT2	krypton fluorides
NT2	tungsten fluorides	NT2	europium iodides	NT1	lanthanum halides
NT2	uranium fluorides	NT2	fermium iodides	NT2	lanthanum bromides
NT3	uranium hexafluoride	NT2	gadolinium iodides	NT2	lanthanum chlorides
NT3	uranium pentafluoride	NT2	gallium iodides	NT2	lanthanum fluorides
NT3	uranium tetrafluoride	NT2	germanium iodides	NT2	lanthanum iodides
NT2	uranyl fluorides	NT2	gold iodides	NT1	lead halides
NT2	vanadium fluorides	NT2	hafnium iodides	NT2	lead bromides
NT2	xenon fluorides	NT2	holmium iodides	NT2	lead chlorides
NT2	ytterbium fluorides	NT2	hydrogen iodides	NT2	lead fluorides
NT2	yttrium fluorides	NT2	indium iodides	NT2	lead iodides
NT2	zinc fluorides	NT2	iron iodides	NT1	lithium halides
NT2	zirconium fluorides	NT3	iron halides	NT2	lithium bromides
NT1	francium halides	NT4	iron bromides	NT2	lithium chlorides
NT2	francium chlorides	NT4	iron chlorides	NT2	lithium fluorides
NT1	gadolinium halides	NT4	iron fluorides	NT2	lithium iodides
NT2	gadolinium bromides	NT2	lanthanum iodides	NT1	lutetium halides
NT2	gadolinium chlorides	NT2	lead iodides	NT2	lutetium bromides
NT2	gadolinium fluorides	NT2	lithium iodides	NT2	lutetium chlorides
NT2	gadolinium iodides	NT2	lutetium iodides	NT2	lutetium fluorides
NT1	gallium halides	NT2	magnesium iodides	NT2	lutetium iodides
NT2	gallium bromides	NT2	manganese iodides	NT1	magnesium halides
NT2	gallium chlorides	NT2	mercury iodides	NT2	magnesium bromides
NT2	gallium fluorides	NT2	molybdenum iodides	NT2	magnesium chlorides
NT2	gallium iodides	NT2	neodymium iodides	NT2	magnesium fluorides
NT1	germanium halides	NT2	neon iodides	NT2	magnesium iodides
NT2	germanium bromides	NT2	neptunium iodides	NT1	manganese halides
NT2	germanium chlorides	NT2	nickel iodides	NT2	manganese bromides
NT2	germanium fluorides	NT2	niobium iodides	NT2	manganese chlorides
NT2	germanium iodides	NT2	nitrogen iodides	NT2	manganese fluorides
NT1	gold halides	NT2	palladium iodides	NT2	manganese iodides
NT2	gold bromides	NT2	phosphorus iodides	NT1	mercury halides
NT2	gold chlorides	NT2	platinum iodides	NT2	mercury bromides

NT2	mercury chlorides	NT2	promethium fluorides	NT2	technetium fluorides
NT2	mercury fluorides	NT2	promethium iodides	NT2	technetium iodides
NT2	mercury iodides	NT1	protactinium halides	NT1	tellurium halides
NT1	molybdenum halides	NT2	protactinium bromides	NT2	tellurium bromides
NT2	molybdenum bromides	NT2	protactinium chlorides	NT2	tellurium chlorides
NT2	molybdenum chlorides	NT2	protactinium fluorides	NT2	tellurium fluorides
NT2	molybdenum fluorides	NT2	protactinium iodides	NT2	tellurium iodides
NT2	molybdenum iodides	NT1	radium halides	NT1	terbium halides
NT1	neodymium halides	NT2	radium bromides	NT2	terbium bromides
NT2	neodymium bromides	NT2	radium chlorides	NT2	terbium chlorides
NT2	neodymium chlorides	NT2	radium fluorides	NT2	terbium fluorides
NT2	neodymium fluorides	NT1	radon halides	NT2	terbium iodides
NT2	neodymium iodides	NT2	radon fluorides	NT1	thallium halides
NT1	neon halides	NT1	rhodium halides	NT2	thallium bromides
NT2	neon bromides	NT2	rhodium bromides	NT2	thallium chlorides
NT2	neon chlorides	NT2	rhodium chlorides	NT2	thallium fluorides
NT2	neon fluorides	NT2	rhodium fluorides	NT2	thallium iodides
NT2	neon iodides	NT1	rhodium iodides	NT1	thionyl halides
NT1	neptunium halides	NT1	rhodium halides	NT2	thionyl chlorides
NT2	neptunium bromides	NT2	rhodium bromides	NT1	thorium halides
NT2	neptunium chlorides	NT2	rhodium chlorides	NT2	thorium bromides
NT2	neptunium fluorides	NT2	rhodium fluorides	NT2	thorium chlorides
NT2	neptunium iodides	NT1	rhodium iodides	NT2	thorium fluorides
NT1	nickel halides	NT2	rhodium bromides	NT2	thorium iodides
NT2	nickel bromides	NT2	rhodium chlorides	NT1	thulium halides
NT2	nickel chlorides	NT2	rhodium fluorides	NT2	thulium bromides
NT2	nickel fluorides	NT2	rhodium iodides	NT2	thulium chlorides
NT2	nickel iodides	NT1	rhodium iodides	NT2	thulium fluorides
NT1	niobium halides	NT1	rhodium halides	NT2	thulium iodides
NT2	niobium bromides	NT2	rhodium bromides	NT1	tin halides
NT2	niobium chlorides	NT2	rhodium chlorides	NT2	tin bromides
NT2	niobium fluorides	NT2	rhodium fluorides	NT2	tin chlorides
NT2	niobium iodides	NT1	rhodium iodides	NT2	tin fluorides
NT1	nitrogen halides	NT2	rhodium bromides	NT2	tin iodides
NT2	nitrogen bromides	NT2	rhodium chlorides	NT1	titanium halides
NT2	nitrogen chlorides	NT2	rhodium fluorides	NT2	titanium bromides
NT2	nitrogen fluorides	NT1	rhodium iodides	NT2	titanium chlorides
NT2	nitrogen iodides	NT2	rhodium bromides	NT2	titanium fluorides
NT1	osmium halides	NT2	rhodium chlorides	NT2	titanium iodides
NT2	osmium bromides	NT2	rhodium fluorides	NT1	tungsten halides
NT2	osmium chlorides	NT1	rhodium iodides	NT2	tungsten bromides
NT2	osmium fluorides	NT2	rhodium bromides	NT2	tungsten chlorides
NT1	palladium halides	NT2	rhodium chlorides	NT2	tungsten fluorides
NT2	palladium bromides	NT2	rhodium fluorides	NT2	tungsten iodides
NT2	palladium chlorides	NT1	rhodium iodides	NT1	uranium halides
NT2	palladium fluorides	NT2	rhodium bromides	NT2	uranium bromides
NT2	palladium iodides	NT2	rhodium chlorides	NT2	uranium chlorides
NT1	phosphorus halides	NT2	rhodium fluorides	NT2	uranium fluorides
NT2	phosphorus bromides	NT2	rhodium iodides	NT3	uranium hexafluoride
NT2	phosphorus chlorides	NT1	rhodium bromides	NT3	uranium pentafluoride
NT2	phosphorus fluorides	NT2	rhodium chlorides	NT3	uranium tetrafluoride
NT2	phosphorus iodides	NT2	rhodium fluorides	NT2	uranium iodides
NT1	platinum halides	NT2	rhodium iodides	NT1	uranyl halides
NT2	platinum bromides	NT1	rhodium bromides	NT2	uranyl chlorides
NT2	platinum chlorides	NT2	rhodium chlorides	NT2	uranyl fluorides
NT2	platinum fluorides	NT2	rhodium fluorides	NT1	vanadium halides
NT2	platinum iodides	NT2	rhodium iodides	NT2	vanadium bromides
NT1	plutonium halides	NT1	rhodium bromides	NT2	vanadium chlorides
NT2	plutonium bromides	NT2	rhodium chlorides	NT2	vanadium fluorides
NT2	plutonium chlorides	NT2	rhodium fluorides	NT2	vanadium iodides
NT2	plutonium fluorides	NT1	rhodium iodides	NT1	xenon halides
NT2	plutonium iodides	NT2	rhodium bromides	NT2	xenon bromides
NT1	polonium halides	NT2	rhodium chlorides	NT2	xenon chlorides
NT2	polonium bromides	NT2	rhodium fluorides	NT2	xenon fluorides
NT2	polonium chlorides	NT2	rhodium iodides	NT2	xenon iodides
NT2	polonium fluorides	NT1	rhodium bromides	NT1	ytterbium halides
NT2	polonium iodides	NT2	rhodium chlorides	NT2	ytterbium bromides
NT1	potassium halides	NT2	rhodium fluorides	NT2	ytterbium chlorides
NT2	potassium bromides	NT2	rhodium iodides	NT2	ytterbium fluorides
NT2	potassium chlorides	NT1	rhodium bromides	NT2	ytterbium iodides
NT2	potassium fluorides	NT2	rhodium chlorides	NT1	yttrium halides
NT2	potassium iodides	NT2	rhodium fluorides	NT2	yttrium bromides
NT1	praseodymium halides	NT2	rhodium iodides	NT2	yttrium chlorides
NT2	praseodymium bromides	NT1	rhodium bromides	NT2	yttrium fluorides
NT2	praseodymium chlorides	NT2	rhodium chlorides	NT2	yttrium iodides
NT2	praseodymium fluorides	NT2	rhodium fluorides	NT1	zinc halides
NT2	praseodymium iodides	NT2	rhodium iodides	NT2	zinc bromides
NT1	promethium halides	NT1	rhodium bromides	NT2	zinc chlorides
NT2	promethium bromides	NT2	rhodium chlorides	NT2	zinc fluorides
NT2	promethium chlorides	NT2	rhodium 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 nernst effect
 RT righi-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
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 NT3 lanthanum perchlorates
 NT3 lead perchlorates
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 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
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 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
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 NT2 fluorides
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 NT2 fluoroboric acid
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 NT2 hypofluorous acid
 NT2 oxyfluorides
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 NT3 zirconium chlorides
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 NT3 chlorine fluorides

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 NT3 manganese iodides
 NT3 mercury iodides
 NT3 molybdenum iodides
 NT3 neodymium iodides
 NT3 neon iodides
 NT3 neptunium iodides

NT3	nickel iodides	NT3	manganese bromides	NT3	praseodymium chlorides
NT3	niobium iodides	NT3	manganese chlorides	NT3	praseodymium fluorides
NT3	nitrogen iodides	NT3	manganese fluorides	NT3	praseodymium iodides
NT3	palladium iodides	NT3	manganese iodides	NT2	promethium halides
NT3	phosphorus iodides	NT2	mercury halides	NT3	promethium bromides
NT3	platinum iodides	NT3	mercury bromides	NT3	promethium chlorides
NT3	plutonium iodides	NT3	mercury chlorides	NT3	promethium fluorides
NT3	polonium iodides	NT3	mercury fluorides	NT3	promethium iodides
NT3	potassium iodides	NT3	mercury iodides	NT2	protactinium halides
NT3	praseodymium iodides	NT2	molybdenum halides	NT3	protactinium bromides
NT3	promethium iodides	NT3	molybdenum bromides	NT3	protactinium chlorides
NT3	protactinium iodides	NT3	molybdenum chlorides	NT3	protactinium fluorides
NT3	rhenium iodides	NT3	molybdenum fluorides	NT3	protactinium iodides
NT3	rubidium iodides	NT3	molybdenum iodides	NT2	radium halides
NT3	samarium iodides	NT2	neodymium halides	NT3	radium bromides
NT3	scandium iodides	NT3	neodymium bromides	NT3	radium chlorides
NT3	selenium iodides	NT3	neodymium chlorides	NT3	radium fluorides
NT3	silicon iodides	NT3	neodymium fluorides	NT2	radon halides
NT3	silver iodides	NT3	neodymium iodides	NT3	radon fluorides
NT3	sodium iodides	NT2	neon halides	NT2	rhenium halides
NT3	strontium iodides	NT3	neon bromides	NT3	rhenium bromides
NT3	tantalum iodides	NT3	neon chlorides	NT3	rhenium chlorides
NT3	technetium iodides	NT3	neon fluorides	NT3	rhenium fluorides
NT3	tellurium iodides	NT3	neon iodides	NT3	rhenium iodides
NT3	terbium iodides	NT2	neptunium halides	NT2	rhodium halides
NT3	thallium iodides	NT3	neptunium bromides	NT3	rhodium bromides
NT3	thorium iodides	NT3	neptunium chlorides	NT3	rhodium chlorides
NT3	thulium iodides	NT3	neptunium fluorides	NT3	rhodium fluorides
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NT3	titanium iodides	NT2	nickel halides	NT3	rubidium bromides
NT3	tungsten iodides	NT3	nickel bromides	NT3	rubidium chlorides
NT3	uranium iodides	NT3	nickel chlorides	NT3	rubidium fluorides
NT3	vanadium iodides	NT3	nickel fluorides	NT3	rubidium iodides
NT3	xenon iodides	NT3	nickel iodides	NT2	ruthenium halides
NT3	ytterbium iodides	NT2	niobium halides	NT3	ruthenium bromides
NT3	yttrium iodides	NT3	niobium bromides	NT3	ruthenium chlorides
NT3	zinc iodides	NT3	niobium chlorides	NT3	ruthenium fluorides
NT3	zirconium iodides	NT3	niobium fluorides	NT2	rutherfordium halides
NT2	iodine halides	NT3	niobium iodides	NT3	rutherfordium chlorides
NT3	iodine bromides	NT2	nitrogen halides	NT2	samarium halides
NT3	iodine chlorides	NT3	nitrogen bromides	NT3	samarium bromides
NT3	iodine fluorides	NT3	nitrogen chlorides	NT3	samarium chlorides
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NT3	iridium chlorides	NT3	nitrogen iodides	NT3	samarium iodides
NT3	iridium fluorides	NT2	osmium halides	NT2	scandium halides
NT2	iron halides	NT3	osmium chlorides	NT3	scandium bromides
NT3	iron bromides	NT3	osmium fluorides	NT3	scandium chlorides
NT3	iron chlorides	NT2	palladium halides	NT3	scandium fluorides
NT3	iron fluorides	NT3	palladium bromides	NT3	scandium iodides
NT2	krypton halides	NT3	palladium chlorides	NT2	selenium halides
NT3	krypton bromides	NT3	palladium fluorides	NT3	selenium bromides
NT3	krypton chlorides	NT3	palladium iodides	NT3	selenium chlorides
NT3	krypton fluorides	NT2	phosphorus halides	NT3	selenium fluorides
NT2	lanthanum halides	NT3	phosphorus bromides	NT3	selenium iodides
NT3	lanthanum bromides	NT3	phosphorus chlorides	NT2	silicon halides
NT3	lanthanum chlorides	NT3	phosphorus fluorides	NT3	silicon bromides
NT3	lanthanum fluorides	NT3	phosphorus iodides	NT3	silicon chlorides
NT3	lanthanum iodides	NT2	platinum halides	NT3	silicon fluorides
NT2	lead halides	NT3	platinum bromides	NT3	silicon iodides
NT3	lead bromides	NT3	platinum chlorides	NT2	silver halides
NT3	lead chlorides	NT3	platinum fluorides	NT3	silver bromides
NT3	lead fluorides	NT3	platinum iodides	NT3	silver chlorides
NT3	lead iodides	NT3	plutonium halides	NT3	silver fluorides
NT2	lithium halides	NT2	plutonium bromides	NT3	silver iodides
NT3	lithium bromides	NT3	plutonium chlorides	NT2	sodium halides
NT3	lithium chlorides	NT3	plutonium fluorides	NT3	sodium bromides
NT3	lithium fluorides	NT3	plutonium iodides	NT3	sodium chlorides
NT3	lithium iodides	NT2	polonium halides	NT3	sodium fluorides
NT2	lutetium halides	NT3	polonium bromides	NT3	sodium iodides
NT3	lutetium bromides	NT3	polonium chlorides	NT2	strontium halides
NT3	lutetium chlorides	NT3	polonium fluorides	NT3	strontium bromides
NT3	lutetium fluorides	NT3	polonium iodides	NT3	strontium chlorides
NT3	lutetium iodides	NT2	potassium halides	NT3	strontium fluorides
NT2	magnesium halides	NT3	potassium bromides	NT3	strontium iodides
NT3	magnesium bromides	NT3	potassium chlorides	NT2	sulfur halides
NT3	magnesium chlorides	NT3	potassium fluorides	NT3	sulfur bromides
NT3	magnesium fluorides	NT3	potassium iodides	NT3	sulfur chlorides
NT3	magnesium iodides	NT2	praseodymium halides	NT2	tantalum halides
NT2	manganese halides	NT3	praseodymium bromides	NT3	tantalum bromides

NT3 tantalum chlorides
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 NT3 vanadium iodides
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 NT3 xenon bromides
 NT3 xenon chlorides
 NT3 xenon fluorides
 NT3 xenon iodides
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 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-hanover 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 *unnulloctium*

*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

Grosswelzheim, Federal Republic of Germany. Permanent shutdown since April 1971.

UF grosswelzheim 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-cr2moninb
 NT2 steel-cr2mov
 NT2 steel-ni25cr20
 NT3 stainless steel-20-25
 NT2 steel-ni26cr15ti2movalb
 NT3 alloy-a-286
 NT2 steel-nimocr
 NT2 tophet
 NT2 tribalay 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 713c
 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
 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-cr2moninb
 NT1 steel-cr2mov
 NT1 steel-ni25cr20
 NT2 stainless steel-20-25
 NT1 steel-ni26cr15ti2movalb
 NT2 alloy-a-286
 NT1 steel-nimocr
 NT1 tophet
 NT1 tribalay 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 rigghi-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 hhfrf 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 hhif 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 americium 234
NT2 americium 235
NT2 americium 236
NT2 americium 237
NT2 americium 238
NT2 americium 239
NT2 americium 240
NT2 americium 241
NT2 americium 242
NT2 americium 243
NT2 americium 244
NT2 americium 245
NT2 americium 246
NT2 americium 247
NT2 americium 248
NT2 americium 249
NT2 berkelium 235
NT2 berkelium 236
NT2 berkelium 237
NT2 berkelium 238
NT2 berkelium 239
NT2 berkelium 240
NT2 berkelium 241
NT2 berkelium 242
NT2 berkelium 243
NT2 berkelium 244
NT2 berkelium 245
NT2 berkelium 246
NT2 berkelium 247
NT2 berkelium 248
NT2 berkelium 249
NT2 berkelium 250
NT2 berkelium 251
NT2 berkelium 252
NT2 berkelium 253
NT2 berkelium 254
NT2 californium 236
NT2 californium 237
NT2 californium 238
NT2 californium 239
NT2 californium 240
NT2 californium 241
NT2 californium 242
NT2 californium 243
NT2 californium 244
NT2 californium 245
NT2 californium 246
NT2 californium 247
NT2 californium 248
NT2 californium 249
NT2 californium 250
NT2 californium 251
NT2 californium 252
NT2 californium 253
NT2 californium 254
NT2 californium 255
NT2 californium 256
NT2 curium 232
NT2 curium 233
NT2 curium 234
NT2 curium 235
NT2 curium 236
NT2 curium 237
NT2 curium 238
NT2 curium 239
NT2 curium 240
NT2 curium 241
NT2 curium 242
NT2 curium 243
NT2 curium 244
NT2 curium 245
NT2 curium 246
NT2 curium 247
NT2 curium 248
NT2 curium 249
NT2 curium 250
NT2 curium 251
NT2 curium 252

NT2	einsteinium 240	NT2	neptunium 230	NT2	protactinium 238
NT2	einsteinium 241	NT2	neptunium 231	NT2	protactinium 239
NT2	einsteinium 242	NT2	neptunium 232	NT2	protactinium 240
NT2	einsteinium 243	NT2	neptunium 233	NT2	thorium 208
NT2	einsteinium 244	NT2	neptunium 234	NT2	thorium 209
NT2	einsteinium 245	NT2	neptunium 235	NT2	thorium 210
NT2	einsteinium 246	NT2	neptunium 236	NT2	thorium 211
NT2	einsteinium 247	NT2	neptunium 237	NT2	thorium 212
NT2	einsteinium 248	NT2	neptunium 238	NT2	thorium 213
NT2	einsteinium 249	NT2	neptunium 239	NT2	thorium 214
NT2	einsteinium 250	NT2	neptunium 240	NT2	thorium 215
NT2	einsteinium 251	NT2	neptunium 241	NT2	thorium 216
NT2	einsteinium 252	NT2	neptunium 242	NT2	thorium 217
NT2	einsteinium 253	NT2	neptunium 243	NT2	thorium 218
NT2	einsteinium 254	NT2	neptunium 244	NT2	thorium 219
NT2	einsteinium 255	NT2	nobelium 248	NT2	thorium 220
NT2	einsteinium 256	NT2	nobelium 250	NT2	thorium 221
NT2	einsteinium 257	NT2	nobelium 251	NT2	thorium 222
NT2	einsteinium 258	NT2	nobelium 252	NT2	thorium 223
NT2	fermium 241	NT2	nobelium 253	NT2	thorium 224
NT2	fermium 242	NT2	nobelium 254	NT2	thorium 225
NT2	fermium 243	NT2	nobelium 255	NT2	thorium 226
NT2	fermium 244	NT2	nobelium 256	NT2	thorium 227
NT2	fermium 245	NT2	nobelium 257	NT2	thorium 228
NT2	fermium 246	NT2	nobelium 258	NT2	thorium 229
NT2	fermium 247	NT2	nobelium 259	NT2	thorium 230
NT2	fermium 248	NT2	nobelium 260	NT2	thorium 231
NT2	fermium 249	NT2	nobelium 261	NT2	thorium 232
NT2	fermium 250	NT2	nobelium 262	NT2	thorium 233
NT2	fermium 251	NT2	nobelium 263	NT2	thorium 234
NT2	fermium 252	NT2	nobelium 264	NT2	thorium 235
NT2	fermium 253	NT2	plutonium 228	NT2	thorium 236
NT2	fermium 254	NT2	plutonium 229	NT2	thorium 237
NT2	fermium 255	NT2	plutonium 230	NT2	thorium 238
NT2	fermium 256	NT2	plutonium 231	NT2	uranium 217
NT2	fermium 257	NT2	plutonium 232	NT2	uranium 218
NT2	fermium 258	NT2	plutonium 233	NT2	uranium 219
NT2	fermium 259	NT2	plutonium 234	NT2	uranium 220
NT2	fermium 260	NT2	plutonium 235	NT2	uranium 221
NT2	fermium 264	NT2	plutonium 236	NT2	uranium 222
NT2	lawrencium 251	NT2	plutonium 237	NT2	uranium 223
NT2	lawrencium 252	NT2	plutonium 238	NT2	uranium 224
NT2	lawrencium 253	NT2	plutonium 239	NT2	uranium 225
NT2	lawrencium 254	NT2	plutonium 240	NT2	uranium 226
NT2	lawrencium 255	NT2	plutonium 241	NT2	uranium 227
NT2	lawrencium 256	NT2	plutonium 242	NT2	uranium 228
NT2	lawrencium 257	NT2	plutonium 243	NT2	uranium 229
NT2	lawrencium 258	NT2	plutonium 244	NT2	uranium 230
NT2	lawrencium 259	NT2	plutonium 245	NT2	uranium 231
NT2	lawrencium 260	NT2	plutonium 246	NT2	uranium 232
NT2	lawrencium 261	NT2	plutonium 247	NT2	uranium 233
NT2	lawrencium 262	NT2	plutonium 248	NT2	uranium 234
NT2	lawrencium 263	NT2	plutonium 250	NT2	uranium 235
NT2	lawrencium 264	NT2	protactinium 212	NT2	uranium 236
NT2	lawrencium 265	NT2	protactinium 213	NT2	uranium 237
NT2	lawrencium 266	NT2	protactinium 214	NT2	uranium 238
NT2	mendelevium 245	NT2	protactinium 215	NT2	uranium 239
NT2	mendelevium 246	NT2	protactinium 216	NT2	uranium 240
NT2	mendelevium 247	NT2	protactinium 217	NT2	uranium 241
NT2	mendelevium 248	NT2	protactinium 218	NT2	uranium 242
NT2	mendelevium 249	NT2	protactinium 219	NT1	astatine 191
NT2	mendelevium 250	NT2	protactinium 220	NT1	astatine 192
NT2	mendelevium 251	NT2	protactinium 221	NT1	astatine 193
NT2	mendelevium 252	NT2	protactinium 222	NT1	astatine 194
NT2	mendelevium 253	NT2	protactinium 223	NT1	astatine 195
NT2	mendelevium 254	NT2	protactinium 224	NT1	astatine 196
NT2	mendelevium 255	NT2	protactinium 225	NT1	astatine 197
NT2	mendelevium 256	NT2	protactinium 226	NT1	astatine 198
NT2	mendelevium 257	NT2	protactinium 227	NT1	astatine 199
NT2	mendelevium 258	NT2	protactinium 228	NT1	astatine 200
NT2	mendelevium 259	NT2	protactinium 229	NT1	astatine 201
NT2	mendelevium 260	NT2	protactinium 230	NT1	astatine 202
NT2	mendelevium 261	NT2	protactinium 231	NT1	astatine 203
NT2	mendelevium 262	NT2	protactinium 232	NT1	astatine 204
NT2	neptunium 225	NT2	protactinium 233	NT1	astatine 205
NT2	neptunium 226	NT2	protactinium 234	NT1	astatine 206
NT2	neptunium 227	NT2	protactinium 235	NT1	astatine 207
NT2	neptunium 228	NT2	protactinium 236	NT1	astatine 208
NT2	neptunium 229	NT2	protactinium 237	NT1	astatine 209

NT1	astatine 210	NT1	dubnium 258	NT1	hafnium 182
NT1	astatine 211	NT1	dubnium 259	NT1	hafnium 183
NT1	astatine 212	NT1	dubnium 260	NT1	hafnium 184
NT1	astatine 213	NT1	dubnium 261	NT1	hafnium 185
NT1	astatine 214	NT1	dubnium 262	NT1	hafnium 186
NT1	astatine 215	NT1	dubnium 263	NT1	hafnium 187
NT1	astatine 216	NT1	dubnium 264	NT1	hafnium 188
NT1	astatine 217	NT1	dubnium 265	NT1	hassium 263
NT1	astatine 218	NT1	dubnium 266	NT1	hassium 264
NT1	astatine 219	NT1	dubnium 267	NT1	hassium 265
NT1	astatine 220	NT1	dubnium 268	NT1	hassium 266
NT1	astatine 221	NT1	dubnium 269	NT1	hassium 267
NT1	astatine 222	NT1	element 124 312	NT1	hassium 269
NT1	astatine 223	NT1	flerovium 285	NT1	hassium 270
NT1	bismuth 184	NT1	flerovium 286	NT1	hassium 271
NT1	bismuth 185	NT1	flerovium 287	NT1	hassium 272
NT1	bismuth 186	NT1	flerovium 288	NT1	hassium 274
NT1	bismuth 187	NT1	flerovium 289	NT1	hassium 275
NT1	bismuth 188	NT1	flerovium 292	NT1	hassium 276
NT1	bismuth 189	NT1	francium 199	NT1	iridium 181
NT1	bismuth 190	NT1	francium 200	NT1	iridium 182
NT1	bismuth 191	NT1	francium 201	NT1	iridium 183
NT1	bismuth 192	NT1	francium 202	NT1	iridium 184
NT1	bismuth 193	NT1	francium 203	NT1	iridium 185
NT1	bismuth 194	NT1	francium 204	NT1	iridium 186
NT1	bismuth 195	NT1	francium 205	NT1	iridium 187
NT1	bismuth 196	NT1	francium 206	NT1	iridium 188
NT1	bismuth 197	NT1	francium 207	NT1	iridium 189
NT1	bismuth 198	NT1	francium 208	NT1	iridium 190
NT1	bismuth 199	NT1	francium 209	NT1	iridium 191
NT1	bismuth 200	NT1	francium 210	NT1	iridium 192
NT1	bismuth 201	NT1	francium 211	NT1	iridium 193
NT1	bismuth 202	NT1	francium 212	NT1	iridium 194
NT1	bismuth 203	NT1	francium 213	NT1	iridium 195
NT1	bismuth 204	NT1	francium 214	NT1	iridium 196
NT1	bismuth 205	NT1	francium 215	NT1	iridium 197
NT1	bismuth 206	NT1	francium 216	NT1	iridium 198
NT1	bismuth 207	NT1	francium 217	NT1	iridium 199
NT1	bismuth 208	NT1	francium 218	NT1	iridium 202
NT1	bismuth 209	NT1	francium 219	NT1	lead 181
NT1	bismuth 210	NT1	francium 220	NT1	lead 182
NT1	bismuth 211	NT1	francium 221	NT1	lead 183
NT1	bismuth 212	NT1	francium 222	NT1	lead 184
NT1	bismuth 213	NT1	francium 223	NT1	lead 185
NT1	bismuth 214	NT1	francium 224	NT1	lead 186
NT1	bismuth 215	NT1	francium 225	NT1	lead 187
NT1	bismuth 216	NT1	francium 226	NT1	lead 188
NT1	bismuth 217	NT1	francium 227	NT1	lead 189
NT1	bismuth 218	NT1	francium 228	NT1	lead 190
NT1	bohrium 260	NT1	francium 229	NT1	lead 191
NT1	bohrium 261	NT1	francium 230	NT1	lead 192
NT1	bohrium 262	NT1	francium 231	NT1	lead 193
NT1	bohrium 263	NT1	francium 232	NT1	lead 194
NT1	bohrium 264	NT1	gold 181	NT1	lead 195
NT1	bohrium 265	NT1	gold 182	NT1	lead 196
NT1	bohrium 266	NT1	gold 183	NT1	lead 197
NT1	bohrium 267	NT1	gold 184	NT1	lead 198
NT1	bohrium 271	NT1	gold 185	NT1	lead 199
NT1	bohrium 272	NT1	gold 186	NT1	lead 200
NT1	bohrium 273	NT1	gold 187	NT1	lead 201
NT1	bohrium 274	NT1	gold 188	NT1	lead 202
NT1	bohrium 275	NT1	gold 189	NT1	lead 203
NT1	copernicium 277	NT1	gold 190	NT1	lead 204
NT1	copernicium 278	NT1	gold 191	NT1	lead 205
NT1	copernicium 282	NT1	gold 192	NT1	lead 206
NT1	copernicium 283	NT1	gold 193	NT1	lead 207
NT1	copernicium 284	NT1	gold 194	NT1	lead 208
NT1	copernicium 285	NT1	gold 195	NT1	lead 209
NT1	darmstadtium 267	NT1	gold 196	NT1	lead 210
NT1	darmstadtium 269	NT1	gold 197	NT1	lead 211
NT1	darmstadtium 270	NT1	gold 198	NT1	lead 212
NT1	darmstadtium 271	NT1	gold 199	NT1	lead 213
NT1	darmstadtium 272	NT1	gold 200	NT1	lead 214
NT1	darmstadtium 273	NT1	gold 201	NT1	lead 215
NT1	darmstadtium 279	NT1	gold 202	NT1	lead 216
NT1	darmstadtium 281	NT1	gold 203	NT1	livermorium 290
NT1	dubnium 255	NT1	gold 204	NT1	livermorium 291
NT1	dubnium 256	NT1	gold 205	NT1	livermorium 292
NT1	dubnium 257	NT1	hafnium 181	NT1	livermorium 293

NT1	lutetium 181	NT1	platinum 186	NT1	radium 222
NT1	lutetium 182	NT1	platinum 187	NT1	radium 223
NT1	lutetium 183	NT1	platinum 188	NT1	radium 224
NT1	lutetium 184	NT1	platinum 189	NT1	radium 225
NT1	lutetium 187	NT1	platinum 190	NT1	radium 226
NT1	meitnerium 265	NT1	platinum 191	NT1	radium 227
NT1	meitnerium 266	NT1	platinum 192	NT1	radium 228
NT1	meitnerium 267	NT1	platinum 193	NT1	radium 229
NT1	meitnerium 268	NT1	platinum 194	NT1	radium 230
NT1	meitnerium 270	NT1	platinum 195	NT1	radium 231
NT1	meitnerium 271	NT1	platinum 196	NT1	radium 232
NT1	meitnerium 272	NT1	platinum 197	NT1	radium 233
NT1	meitnerium 273	NT1	platinum 198	NT1	radium 234
NT1	meitnerium 274	NT1	platinum 199	NT1	radon 193
NT1	meitnerium 275	NT1	platinum 200	NT1	radon 194
NT1	meitnerium 276	NT1	platinum 201	NT1	radon 195
NT1	meitnerium 279	NT1	platinum 202	NT1	radon 196
NT1	mercury 181	NT1	platinum 203	NT1	radon 197
NT1	mercury 182	NT1	platinum 204	NT1	radon 198
NT1	mercury 183	NT1	platinum 205	NT1	radon 199
NT1	mercury 184	NT1	platinum 206	NT1	radon 200
NT1	mercury 185	NT1	platinum 207	NT1	radon 201
NT1	mercury 186	NT1	platinum 208	NT1	radon 202
NT1	mercury 187	NT1	polonium 186	NT1	radon 203
NT1	mercury 188	NT1	polonium 187	NT1	radon 204
NT1	mercury 189	NT1	polonium 188	NT1	radon 205
NT1	mercury 190	NT1	polonium 189	NT1	radon 206
NT1	mercury 191	NT1	polonium 190	NT1	radon 207
NT1	mercury 192	NT1	polonium 191	NT1	radon 208
NT1	mercury 193	NT1	polonium 192	NT1	radon 209
NT1	mercury 194	NT1	polonium 193	NT1	radon 210
NT1	mercury 195	NT1	polonium 194	NT1	radon 211
NT1	mercury 196	NT1	polonium 195	NT1	radon 212
NT1	mercury 197	NT1	polonium 196	NT1	radon 213
NT1	mercury 198	NT1	polonium 197	NT1	radon 214
NT1	mercury 199	NT1	polonium 198	NT1	radon 215
NT1	mercury 200	NT1	polonium 199	NT1	radon 216
NT1	mercury 201	NT1	polonium 200	NT1	radon 217
NT1	mercury 202	NT1	polonium 201	NT1	radon 218
NT1	mercury 203	NT1	polonium 202	NT1	radon 219
NT1	mercury 204	NT1	polonium 203	NT1	radon 220
NT1	mercury 205	NT1	polonium 204	NT1	radon 221
NT1	mercury 206	NT1	polonium 205	NT1	radon 222
NT1	mercury 207	NT1	polonium 206	NT1	radon 223
NT1	mercury 208	NT1	polonium 207	NT1	radon 224
NT1	mercury 209	NT1	polonium 208	NT1	radon 225
NT1	mercury 210	NT1	polonium 209	NT1	radon 226
NT1	mercury 211	NT1	polonium 210	NT1	radon 227
NT1	mercury 212	NT1	polonium 211	NT1	radon 228
NT1	moscovium 287	NT1	polonium 212	NT1	radon 229
NT1	moscovium 288	NT1	polonium 213	NT1	rhenium 181
NT1	nihonium 278	NT1	polonium 214	NT1	rhenium 182
NT1	nihonium 283	NT1	polonium 215	NT1	rhenium 183
NT1	nihonium 284	NT1	polonium 216	NT1	rhenium 184
NT1	oganesson 294	NT1	polonium 217	NT1	rhenium 185
NT1	osmium 181	NT1	polonium 218	NT1	rhenium 186
NT1	osmium 182	NT1	polonium 219	NT1	rhenium 187
NT1	osmium 183	NT1	polonium 220	NT1	rhenium 188
NT1	osmium 184	NT1	radium 201	NT1	rhenium 189
NT1	osmium 185	NT1	radium 202	NT1	rhenium 190
NT1	osmium 186	NT1	radium 203	NT1	rhenium 191
NT1	osmium 187	NT1	radium 204	NT1	rhenium 192
NT1	osmium 188	NT1	radium 205	NT1	rhenium 193
NT1	osmium 189	NT1	radium 206	NT1	rhenium 194
NT1	osmium 190	NT1	radium 207	NT1	rhenium 195
NT1	osmium 191	NT1	radium 208	NT1	rhenium 196
NT1	osmium 192	NT1	radium 209	NT1	roentgenium 272
NT1	osmium 193	NT1	radium 210	NT1	roentgenium 273
NT1	osmium 194	NT1	radium 211	NT1	roentgenium 274
NT1	osmium 195	NT1	radium 212	NT1	roentgenium 279
NT1	osmium 196	NT1	radium 213	NT1	roentgenium 280
NT1	osmium 197	NT1	radium 214	NT1	rutherfordium 253
NT1	osmium 199	NT1	radium 215	NT1	rutherfordium 254
NT1	osmium 200	NT1	radium 216	NT1	rutherfordium 255
NT1	platinum 181	NT1	radium 217	NT1	rutherfordium 256
NT1	platinum 182	NT1	radium 218	NT1	rutherfordium 257
NT1	platinum 183	NT1	radium 219	NT1	rutherfordium 258
NT1	platinum 184	NT1	radium 220	NT1	rutherfordium 259
NT1	platinum 185	NT1	radium 221	NT1	rutherfordium 260

NT1 rutherfordium 261
 NT1 rutherfordium 262
 NT1 rutherfordium 263
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 NT1 seaborgium 258
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 NT1 thallium 211
 NT1 thallium 212
 NT1 tungsten 181
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 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 ill high flux reactor
 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 gtrr reactor
 NT1 hfb reactor
 NT1 hifar reactor
 NT1 hwctr reactor
 NT1 hwrr 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 ill high flux reactor

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 eoale 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 hfb 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 jat reactor

NT1 hwrr reactor

NT1 hwzpr 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 juno 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

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 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 hwzpr reactor

HEBER GEOTHERMAL FIELD

INIS: 2000-04-12; ETDE: 1975-10-01

BT1 geothermal fields

RT california

HECTOR REACTOR

UKAEA, Winfrith, United Kingdom.

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 ebora 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.

- *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

- 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 tmtsf
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 cycasin
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 holifield 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 endure

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

1992-02-21

*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 orthoiodohippurate

UF sodium iodohippurate

UF sodium n-o-iodobenzoylaminoacetate

UF sodium orthoiodohippurate

BT1 contrast media

RT hippuric acid

HIPPURIC ACID

UF benzoylaminoacetic acid

UF benzoylglycine

UF benzoylglycocol

*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 hhiirf 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

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 161

NT1 holmium 162

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 ncsr-1 reactor
NT3 nevada university reactor
NT3 prnc-l-77 reactor
NT3 supo reactor
NT3 wrrr reactor

NT1 solid homogeneous reactors

NT2 acpr reactor
NT2 aerogel-general nucleonics reactors
NT3 agn-201k reactor
NT3 agn 201 costanza
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 afrrr 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 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

*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 *hydroxyandrostenone*
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*

hornfelses

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 mendelevium 256
 NT1 mendelevium 257
 NT1 mendelevium 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 httr 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

hughenoltz-pines theory

USE van hove-hughenoltz 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 humidists

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 niederaichbach 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 jatir 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 dehydration
 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 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 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 ucbrt 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

HYDRIDIC 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 bromosulfophthalein

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	hydrogen iodides	NT1	inorganic acids
NT2	boron hydrides	NT1	hydrogen nitrates	NT2	boric acid
NT2	calcium hydrides	NT1	hydrogen peroxide	NT2	broensted acids
NT2	cerium hydrides	NT1	hydrogen phosphates	NT2	bromic acid
NT2	cesium hydrides	NT1	hydrogen silicates	NT2	carbonic acid
NT2	chromium hydrides	NT1	hydrogen sulfates	NT2	chloric acid
NT2	cobalt hydrides	NT1	hydrogen sulfides	NT2	chlorous acid
NT2	copper hydrides	NT1	hydroxides	NT2	chromic acid
NT2	curium hydrides	NT2	actinium hydroxides	NT2	fluoroboric acid
NT2	dysprosium hydrides	NT2	aluminium hydroxides	NT2	hydrazoic acid
NT2	erbium hydrides	NT2	americium hydroxides	NT2	hydriodic acid
NT2	europium hydrides	NT2	ammonium hydroxides	NT2	hydrobromic acid
NT2	gadolinium hydrides	NT2	antimony hydroxides	NT2	hydrochloric acid
NT2	germanium hydrides	NT2	barium hydroxides	NT2	hydrocyanic acid
NT2	gold hydrides	NT2	beryllium hydroxides	NT2	hydrofluoric acid
NT2	hafnium hydrides	NT2	bismuth hydroxides	NT2	hypochlorous acid
NT2	helium hydrides	NT2	boron hydroxides	NT2	hypofluorous acid
NT2	holmium hydrides	NT2	cadmium hydroxides	NT2	hypoiodous acid
NT2	indium hydrides	NT2	calcium hydroxides	NT2	hypophosphorous acid
NT2	iridium hydrides	NT2	cerium hydroxides	NT2	iodic acid
NT2	iron hydrides	NT2	cesium hydroxides	NT2	lewis acids
NT2	krypton hydrides	NT2	chromium hydroxides	NT2	molybdic acid
NT2	lanthanum hydrides	NT2	cobalt hydroxides	NT2	molybdophosphoric acid
NT2	lead hydrides	NT2	copper hydroxides	NT2	nitric acid
NT2	lithium hydrides	NT2	curium hydroxides	NT2	nitrous acid
NT3	lithium deuterides	NT2	dysprosium hydroxides	NT2	perchloric acid
NT3	lithium tritides	NT2	erbium hydroxides	NT2	periodic acid
NT2	lutetium hydrides	NT2	europium hydroxides	NT2	phosphoric acid
NT2	magnesium hydrides	NT2	gadolinium hydroxides	NT2	phosphorous acid
NT2	manganese hydrides	NT2	gallium hydroxides	NT2	silicic acid
NT2	mercury hydrides	NT2	germanium hydroxides	NT2	sulfamic acid
NT2	molybdenum hydrides	NT2	hafnium hydroxides	NT2	sulfuric acid
NT2	neodymium hydrides	NT2	helium hydroxides	NT2	sulfurous acid
NT2	neon hydrides	NT2	holmium hydroxides	NT2	telluric acid
NT2	neptunium hydrides	NT2	indium hydroxides	NT2	tungstophosphoric acid
NT2	nickel hydrides	NT2	iron hydroxides	NT1	tritium compounds
NT2	niobium hydrides	NT2	lanthanum hydroxides	NT2	tritides
NT2	nitrogen hydrides	NT2	lead hydroxides	NT3	deuterium tritide
NT3	ammonia	NT2	lithium hydroxides	NT3	helium tritides
NT2	palladium hydrides	NT2	lutetium hydroxides	NT3	hydrogen tritide
NT2	phosphorus hydrides	NT2	magnesium hydroxides	NT3	lithium tritides
NT2	platinum hydrides	NT2	manganese hydroxides	NT2	tritium oxides
NT2	plutonium hydrides	NT2	molybdenum hydroxides	NT1	water
NT2	potassium hydrides	NT2	neodymium hydroxides	NT2	drinking water
NT2	praseodymium hydrides	NT2	neptunium hydroxides	NT2	feedwater
NT2	protactinium hydrides	NT2	nickel hydroxides	NT2	fresh water
NT2	rhodium hydrides	NT2	niobium hydroxides	NT2	ground water
NT2	rubidium hydrides	NT2	palladium hydroxides	NT3	interstitial water
NT2	ruthenium hydrides	NT2	platinum hydroxides	NT3	magmatic water
NT2	samarium hydrides	NT2	plutonium hydroxides	NT2	heavy water
NT2	scandium hydrides	NT2	potassium hydroxides	NT2	hot water
NT2	selenium hydrides	NT2	praseodymium hydroxides	NT2	rain water
NT2	silanes	NT2	promethium hydroxides	NT3	throughfall
NT2	silver hydrides	NT2	protactinium hydroxides	NT2	seawater
NT2	sodium hydrides	NT2	rhodium hydroxides	NT2	tritium oxides
NT2	strontium hydrides	NT2	rubidium hydroxides	NT2	waste water
NT2	tantalum hydrides	NT2	ruthenium hydroxides	NT3	shale tar water
NT2	technetium hydrides	NT2	samarium hydroxides	HYDROGEN COOLED REACTORS	
NT2	tellurium hydrides	NT2	scandium hydroxides	*BT1	gas cooled reactors
NT2	terbium hydrides	NT2	silicon hydroxides	NT1	kiwi reactors
NT2	thallium hydrides	NT2	silver hydroxides	NT2	kiwi-tnt reactor
NT2	thorium hydrides	NT2	sodium hydroxides	NT1	nerva reactor
NT2	thulium hydrides	NT2	strontium hydroxides	NT1	nrx-a2 reactor
NT2	tin hydrides	NT2	tantalum hydroxides	NT1	nrx-a3 reactor
NT2	titanium hydrides	NT2	tellurium hydroxides	NT1	nrx-a4-est reactor
NT2	tungsten hydrides	NT2	terbium hydroxides	NT1	nrx-a5 reactor
NT2	uranium hydrides	NT2	thallium hydroxides	NT1	nrx-a6 reactor
NT2	vanadium hydrides	NT2	thorium hydroxides	NT1	pewee-1 reactor
NT2	xenon hydrides	NT2	thulium hydroxides	NT1	pewee-2 reactor
NT2	ytterbium hydrides	NT2	tin hydroxides	NT1	pewee-3 reactor
NT2	yttrium hydrides	NT2	titanium hydroxides	NT1	pewee-4 reactor
NT2	zinc hydrides	NT2	tungsten hydroxides	NT1	phoebus-1a reactor
NT2	zirconium hydrides	NT2	uranium hydroxides	NT1	phoebus-1b reactor
NT1	hydrogen cyanides	NT2	vanadium hydroxides	NT1	phoebus-2a reactor
NT1	hydrogen halides	NT2	ytterbium hydroxides	NT1	rover reactors
NT2	hydrogen bromides	NT2	yttrium hydroxides	NT1	xe-prime reactor
NT2	hydrogen chlorides	NT2	zinc hydroxides	RT	nrx-a7 reactor
NT2	hydrogen fluorides	NT2	zirconium hydroxides	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 anhydases

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 magneto-hydrodynamic 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 hydroxyandrosthenone

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 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 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 xylenols
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

HYDROXYANDROSTENONE

UF dehydroepiandrosterone

*BT1 androgens

*BT1 hydroxy compounds

*BT1 ketones

hydroxybenzene

USE phenol

hydroxybenzoic acid-ortho

USE salicylic acid

hydroxydiphenylacetic acid

USE benzoic acid

hydroxyethylethylenediaminetriacetic 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

HYDROXYPREGNENONE

UF 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 STRUCTUREUF *hfs*

RT spectra

hyperfragments

USE hypernuclei

HYPERGEOMETRIC FUNCTIONS

BT1 functions

HYPERGLYCEMIA

RT saccharides

HYPERNUCLEIUF *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

HYPERONSUF *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-1770 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

HYPERTHYROIDISMUF *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 SEDATIVESUF *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 ACIDUF *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 kerogen 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

iae marine environment laboratory, monaco

INIS: 2004-06-11; ETDE: 2004-07-08

USE monaco marine environment laboratory

IAEA SAFEGUARDS

BT1 safeguards
 RT iaea

iae 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

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 indiania
 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 ecat 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 reaktor
INIS: 1976-08-13; ETDE: 2000-02-10
 USE loviisa-1 reaktor

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, reusable 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 rna

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-713lc
- 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 toluylene 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 xylenol 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

INDIUM 102

INIS: 1981-02-27; ETDE: 1981-03-13

*BT1 electron capture radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

INDIUM 103

INIS: 1978-11-24; ETDE: 1978-12-20

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

INDIUM 104

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei
 *BT1 seconds living radioisotopes

INDIUM 105

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

INDIUM 106

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

INDIUM 107

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei
 *BT1 seconds living radioisotopes

INDIUM 108

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 minutes living radioisotopes
 *BT1 odd-odd nuclei

INDIUM 109

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

INDIUM 110

*BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 hours living radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 odd-odd nuclei

INDIUM 110 TARGET

ETDE: 1976-07-09

BT1 targets

INDIUM 111

*BT1 days living radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei
 *BT1 isomeric transition isotopes
 *BT1 minutes living radioisotopes
 *BT1 odd-even nuclei

INDIUM 112

*BT1 beta-minus decay radioisotopes
 *BT1 beta-plus decay radioisotopes
 *BT1 electron capture radioisotopes
 *BT1 indium isotopes
 *BT1 intermediate mass nuclei

- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

INDIUM 113

- *BT1 hours living radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 stable isotopes

INDIUM 113 TARGET*ETDE: 1976-07-09*

- BT1 targets

INDIUM 114

- *BT1 beta-minus decay radioisotopes
- *BT1 beta-plus decay radioisotopes
- *BT1 days living radioisotopes
- *BT1 electron capture radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 milliseconds living radioisotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei

INDIUM 115

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 odd-even nuclei
- *BT1 years living radioisotopes

INDIUM 115 TARGET*ETDE: 1976-07-09*

- BT1 targets

INDIUM 116

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

INDIUM 117

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

INDIUM 118

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

INDIUM 119

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei

INDIUM 120

- *BT1 beta-minus decay radioisotopes

- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

INDIUM 121

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 internal conversion radioisotopes
- *BT1 isomeric transition isotopes
- *BT1 minutes living radioisotopes
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

INDIUM 122

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

INDIUM 123

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

INDIUM 124

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

INDIUM 125

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

INDIUM 126

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-odd nuclei
- *BT1 seconds living radioisotopes

INDIUM 127

- *BT1 beta-minus decay radioisotopes
- *BT1 indium isotopes
- *BT1 intermediate mass nuclei
- *BT1 odd-even nuclei
- *BT1 seconds living radioisotopes

INDIUM 127 TARGET*INIS: 1979-09-18; ETDE: 1979-10-23*

- BT1 targets

INDIUM 128

- *BT1 beta-minus decay 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

NT1 indium 116

NT1 indium 117

NT1 indium 118

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 lnl 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 sues 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 energij

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 isopen- 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 ihep

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 engenharia 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 mochove 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
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 NT1 cadmium 95
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 NT1 cadmium 98
 NT1 cadmium 99
 NT1 calcium 41
 NT1 calcium 42
 NT1 calcium 43
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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
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 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 pctopl
 NT2 rio declaration
 NT2 solas convention
 NT2 unfccc
 NT2 vcocldnd
 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 dumand 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 plasmopause
- 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 *ific*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 *oapc*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 crowdfions

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 hypoiodous 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 iodox 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 triplasmatrons
 NT2 rf ion sources
 NT1 surface ion sources
 RT atomic beam sources
 RT ion probes
 RT ions
 RT neutral beam sources
 RT particulate 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
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- 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 vikalloj 1
- UF vikalloj 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 hiparco
- NT2 hoskins 875
- NT2 invar
- NT2 kanthal
- NT2 sicromo 9m
- NT2 steel-cd-4mcu
- NT2 steels
- NT3 austenitic steels
- NT4 steel-ni15ni15motib
- 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-ni26cr15ti2movallb
- 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-cr2monib
NT4 steel-cr2mov
NT4 steel-cr2nimov
NT4 steel-cr5mo
NT4 steel-cralnimo
NT4 steel-crmov
NT4 steel-crmov
NT4 steel-crcni
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 hipercor

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-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-cr2monib
NT3 steel-cr2mov
NT3 steel-cr2nimov
NT3 steel-cr5mo
NT3 steel-cralnimo
NT3 steel-crmo
NT3 steel-crmov
NT3 steel-crimi
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-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 marcassite

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 REACTORSoreq 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 REACTORSFor isotope production and irradiation
purposes; for producing fissile materials see
PRODUCTION REACTORS.

BT1 reactors

NT1 chemonuclear reactors

NT1 isotope production reactors

NT2 ill high flux reactor

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 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-rcmc reactor
 NT3 slowpoke-src reactor
 NT3 slowpoke-toronto reactor
 NT3 slowpoke-wnre 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-rikyo 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 dmt 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 jmt 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

ISOCHRONOUS 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 alice 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 ornl 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 triumph 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 radioimmunoscintigraphy
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 ill high flux reactor
NT1 afrr reactor
NT1 ai-l-77 reactor
NT1 alrr reactor
NT1 apsara reactor
NT1 astra reactor
NT1 atrp 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 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 lptr 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-wmre 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 isolde
***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	magnesium 39	NT2	aluminium 28
NT3	barium 137	NT3	magnesium 40	NT2	aluminium 29
NT3	barium 138	NT2	radium isotopes	NT2	aluminium 30
NT3	barium 139	NT3	radium 201	NT2	aluminium 31
NT3	barium 140	NT3	radium 202	NT2	aluminium 32
NT3	barium 141	NT3	radium 203	NT2	aluminium 33
NT3	barium 142	NT3	radium 204	NT2	aluminium 34
NT3	barium 143	NT3	radium 205	NT2	aluminium 35
NT3	barium 144	NT3	radium 206	NT2	aluminium 36
NT3	barium 145	NT3	radium 207	NT2	aluminium 37
NT3	barium 146	NT3	radium 208	NT2	aluminium 38
NT3	barium 147	NT3	radium 209	NT2	aluminium 39
NT3	barium 148	NT3	radium 210	NT2	aluminium 40
NT3	barium 149	NT3	radium 211	NT2	aluminium 41
NT3	barium 150	NT3	radium 212	NT2	aluminium 42
NT3	barium 151	NT3	radium 213	NT1	americium isotopes
NT3	barium 152	NT3	radium 214	NT2	americium 231
NT3	barium 153	NT3	radium 215	NT2	americium 232
NT2	beryllium isotopes	NT3	radium 216	NT2	americium 233
NT3	beryllium 10	NT3	radium 217	NT2	americium 234
NT3	beryllium 11	NT3	radium 218	NT2	americium 235
NT3	beryllium 12	NT3	radium 219	NT2	americium 236
NT3	beryllium 13	NT3	radium 220	NT2	americium 237
NT3	beryllium 14	NT3	radium 221	NT2	americium 238
NT3	beryllium 15	NT3	radium 222	NT2	americium 239
NT3	beryllium 16	NT3	radium 223	NT2	americium 240
NT3	beryllium 5	NT3	radium 224	NT2	americium 241
NT3	beryllium 6	NT3	radium 225	NT2	americium 242
NT3	beryllium 7	NT3	radium 226	NT2	americium 243
NT3	beryllium 8	NT3	radium 227	NT2	americium 244
NT3	beryllium 9	NT3	radium 228	NT2	americium 245
NT2	calcium isotopes	NT3	radium 229	NT2	americium 246
NT3	calcium 34	NT3	radium 230	NT2	americium 247
NT3	calcium 35	NT3	radium 231	NT2	americium 248
NT3	calcium 36	NT3	radium 232	NT2	americium 249
NT3	calcium 37	NT3	radium 233	NT1	antimony isotopes
NT3	calcium 38	NT3	radium 234	NT2	antimony 103
NT3	calcium 39	NT2	strontium isotopes	NT2	antimony 104
NT3	calcium 40	NT3	strontium 100	NT2	antimony 105
NT3	calcium 41	NT3	strontium 101	NT2	antimony 106
NT3	calcium 42	NT3	strontium 102	NT2	antimony 107
NT3	calcium 43	NT3	strontium 103	NT2	antimony 108
NT3	calcium 44	NT3	strontium 104	NT2	antimony 109
NT3	calcium 45	NT3	strontium 105	NT2	antimony 110
NT3	calcium 46	NT3	strontium 73	NT2	antimony 111
NT3	calcium 47	NT3	strontium 74	NT2	antimony 112
NT3	calcium 48	NT3	strontium 75	NT2	antimony 113
NT3	calcium 49	NT3	strontium 76	NT2	antimony 114
NT3	calcium 50	NT3	strontium 77	NT2	antimony 115
NT3	calcium 51	NT3	strontium 78	NT2	antimony 116
NT3	calcium 52	NT3	strontium 79	NT2	antimony 117
NT3	calcium 53	NT3	strontium 80	NT2	antimony 118
NT3	calcium 54	NT3	strontium 81	NT2	antimony 119
NT3	calcium 55	NT3	strontium 82	NT2	antimony 120
NT3	calcium 56	NT3	strontium 83	NT2	antimony 121
NT3	calcium 57	NT3	strontium 84	NT2	antimony 122
NT3	calcium 58	NT3	strontium 85	NT2	antimony 123
NT3	calcium 60	NT3	strontium 86	NT2	antimony 124
NT2	magnesium isotopes	NT3	strontium 87	NT2	antimony 125
NT3	magnesium 19	NT3	strontium 88	NT2	antimony 126
NT3	magnesium 20	NT3	strontium 89	NT2	antimony 127
NT3	magnesium 21	NT3	strontium 90	NT2	antimony 128
NT3	magnesium 22	NT3	strontium 91	NT2	antimony 129
NT3	magnesium 23	NT3	strontium 92	NT2	antimony 130
NT3	magnesium 24	NT3	strontium 93	NT2	antimony 131
NT3	magnesium 25	NT3	strontium 94	NT2	antimony 132
NT3	magnesium 26	NT3	strontium 95	NT2	antimony 133
NT3	magnesium 27	NT3	strontium 96	NT2	antimony 134
NT3	magnesium 28	NT3	strontium 97	NT2	antimony 135
NT3	magnesium 29	NT3	strontium 98	NT2	antimony 136
NT3	magnesium 30	NT3	strontium 99	NT2	antimony 137
NT3	magnesium 31	NT1	aluminium isotopes	NT2	antimony 138
NT3	magnesium 32	NT2	aluminium 21	NT2	antimony 139
NT3	magnesium 33	NT2	aluminium 22	NT1	argon isotopes
NT3	magnesium 34	NT2	aluminium 23	NT2	argon 30
NT3	magnesium 35	NT2	aluminium 24	NT2	argon 31
NT3	magnesium 36	NT2	aluminium 25	NT2	argon 32
NT3	magnesium 37	NT2	aluminium 26	NT2	argon 33
NT3	magnesium 38	NT2	aluminium 27	NT2	argon 34

NT2 argon 35
 NT2 argon 36
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 NT1 arsenic isotopes
 NT2 arsenic 60
 NT2 arsenic 61
 NT2 arsenic 62
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 NT1 astatine isotopes
 NT2 astatine 191
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 NT1 berkelium isotopes
 NT2 berkelium 235
 NT2 berkelium 236
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 NT1 bismuth isotopes
 NT2 bismuth 184
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 NT1 bohrium isotopes
 NT2 bohrium 260
 NT2 bohrium 261
 NT2 bohrium 262
 NT2 bohrium 263
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 NT2 bohrium 267
 NT2 bohrium 271
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 NT2 bohrium 275

NT1 boron isotopes
 NT2 boron 10
 NT2 boron 11
 NT2 boron 12
 NT2 boron 13
 NT2 boron 14
 NT2 boron 15
 NT2 boron 16
 NT2 boron 17
 NT2 boron 18
 NT2 boron 19
 NT2 boron 6
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 NT2 boron 8
 NT2 boron 9
 NT1 bromine isotopes
 NT2 bromine 67
 NT2 bromine 68
 NT2 bromine 69
 NT2 bromine 70
 NT2 bromine 71
 NT2 bromine 72
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 NT1 cadmium isotopes
 NT2 cadmium 100
 NT2 cadmium 101
 NT2 cadmium 102
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 NT2 cadmium 129
 NT2 cadmium 130

NT2	cadmium 131	NT2	cerium 151	NT2	chromium 47
NT2	cadmium 132	NT2	cerium 152	NT2	chromium 48
NT2	cadmium 95	NT2	cerium 153	NT2	chromium 49
NT2	cadmium 96	NT2	cerium 154	NT2	chromium 50
NT2	cadmium 97	NT2	cerium 155	NT2	chromium 51
NT2	cadmium 98	NT2	cerium 156	NT2	chromium 52
NT2	cadmium 99	NT2	cerium 157	NT2	chromium 53
NT1	californium isotopes	NT1	cesium isotopes	NT2	chromium 54
NT2	californium 236	NT2	cesium 112	NT2	chromium 55
NT2	californium 237	NT2	cesium 113	NT2	chromium 56
NT2	californium 238	NT2	cesium 114	NT2	chromium 57
NT2	californium 239	NT2	cesium 115	NT2	chromium 58
NT2	californium 240	NT2	cesium 116	NT2	chromium 59
NT2	californium 241	NT2	cesium 117	NT2	chromium 60
NT2	californium 242	NT2	cesium 118	NT2	chromium 61
NT2	californium 243	NT2	cesium 119	NT2	chromium 62
NT2	californium 244	NT2	cesium 120	NT2	chromium 63
NT2	californium 245	NT2	cesium 121	NT2	chromium 64
NT2	californium 246	NT2	cesium 122	NT2	chromium 65
NT2	californium 247	NT2	cesium 123	NT2	chromium 66
NT2	californium 248	NT2	cesium 124	NT2	chromium 67
NT2	californium 249	NT2	cesium 125	NT2	chromium 68
NT2	californium 250	NT2	cesium 126	NT1	cobalt isotopes
NT2	californium 251	NT2	cesium 127	NT2	cobalt 49
NT2	californium 252	NT2	cesium 128	NT2	cobalt 50
NT2	californium 253	NT2	cesium 129	NT2	cobalt 51
NT2	californium 254	NT2	cesium 130	NT2	cobalt 52
NT2	californium 255	NT2	cesium 131	NT2	cobalt 53
NT2	californium 256	NT2	cesium 132	NT2	cobalt 54
NT1	carbon isotopes	NT2	cesium 133	NT2	cobalt 55
NT2	carbon 10	NT2	cesium 134	NT2	cobalt 56
NT2	carbon 11	NT2	cesium 135	NT2	cobalt 57
NT2	carbon 12	NT2	cesium 136	NT2	cobalt 58
NT2	carbon 13	NT2	cesium 137	NT2	cobalt 59
NT2	carbon 14	NT2	cesium 138	NT2	cobalt 60
NT2	carbon 15	NT2	cesium 139	NT2	cobalt 61
NT2	carbon 16	NT2	cesium 140	NT2	cobalt 62
NT2	carbon 17	NT2	cesium 141	NT2	cobalt 63
NT2	carbon 18	NT2	cesium 142	NT2	cobalt 64
NT2	carbon 19	NT2	cesium 143	NT2	cobalt 65
NT2	carbon 20	NT2	cesium 144	NT2	cobalt 66
NT2	carbon 21	NT2	cesium 145	NT2	cobalt 67
NT2	carbon 22	NT2	cesium 146	NT2	cobalt 68
NT2	carbon 8	NT2	cesium 147	NT2	cobalt 69
NT2	carbon 9	NT2	cesium 148	NT2	cobalt 70
NT1	carrier-free isotopes	NT2	cesium 149	NT2	cobalt 71
NT1	cerium isotopes	NT2	cesium 150	NT2	cobalt 72
NT2	cerium 119	NT2	cesium 151	NT2	cobalt 73
NT2	cerium 120	NT1	chlorine isotopes	NT2	cobalt 74
NT2	cerium 121	NT2	chlorine 28	NT2	cobalt 75
NT2	cerium 122	NT2	chlorine 29	NT1	copernicium isotopes
NT2	cerium 123	NT2	chlorine 30	NT2	copernicium 277
NT2	cerium 124	NT2	chlorine 31	NT2	copernicium 278
NT2	cerium 125	NT2	chlorine 32	NT2	copernicium 282
NT2	cerium 126	NT2	chlorine 33	NT2	copernicium 283
NT2	cerium 127	NT2	chlorine 34	NT2	copernicium 284
NT2	cerium 128	NT2	chlorine 35	NT2	copernicium 285
NT2	cerium 129	NT2	chlorine 36	NT1	copper isotopes
NT2	cerium 130	NT2	chlorine 37	NT2	copper 52
NT2	cerium 131	NT2	chlorine 38	NT2	copper 53
NT2	cerium 132	NT2	chlorine 39	NT2	copper 54
NT2	cerium 133	NT2	chlorine 40	NT2	copper 55
NT2	cerium 134	NT2	chlorine 41	NT2	copper 56
NT2	cerium 135	NT2	chlorine 42	NT2	copper 57
NT2	cerium 136	NT2	chlorine 43	NT2	copper 58
NT2	cerium 137	NT2	chlorine 44	NT2	copper 59
NT2	cerium 138	NT2	chlorine 45	NT2	copper 60
NT2	cerium 139	NT2	chlorine 46	NT2	copper 61
NT2	cerium 140	NT2	chlorine 47	NT2	copper 62
NT2	cerium 141	NT2	chlorine 48	NT2	copper 63
NT2	cerium 142	NT2	chlorine 49	NT2	copper 64
NT2	cerium 143	NT2	chlorine 50	NT2	copper 65
NT2	cerium 144	NT2	chlorine 51	NT2	copper 66
NT2	cerium 145	NT1	chromium isotopes	NT2	copper 67
NT2	cerium 146	NT2	chromium 42	NT2	copper 68
NT2	cerium 147	NT2	chromium 43	NT2	copper 69
NT2	cerium 148	NT2	chromium 44	NT2	copper 70
NT2	cerium 149	NT2	chromium 45	NT2	copper 71
NT2	cerium 150	NT2	chromium 46	NT2	copper 72

NT2	copper 73	NT2	dysprosium 160	NT2	europium 135
NT2	copper 74	NT2	dysprosium 161	NT2	europium 136
NT2	copper 75	NT2	dysprosium 162	NT2	europium 137
NT2	copper 76	NT2	dysprosium 163	NT2	europium 138
NT2	copper 77	NT2	dysprosium 164	NT2	europium 139
NT2	copper 78	NT2	dysprosium 165	NT2	europium 140
NT2	copper 79	NT2	dysprosium 166	NT2	europium 141
NT2	copper 80	NT2	dysprosium 167	NT2	europium 142
NT1	curium isotopes	NT2	dysprosium 168	NT2	europium 143
NT2	curium 232	NT2	dysprosium 169	NT2	europium 144
NT2	curium 233	NT2	dysprosium 170	NT2	europium 145
NT2	curium 234	NT2	dysprosium 171	NT2	europium 146
NT2	curium 235	NT2	dysprosium 172	NT2	europium 147
NT2	curium 236	NT2	dysprosium 173	NT2	europium 148
NT2	curium 237	NT1	einsteinium isotopes	NT2	europium 149
NT2	curium 238	NT2	einsteinium 240	NT2	europium 150
NT2	curium 239	NT2	einsteinium 241	NT2	europium 151
NT2	curium 240	NT2	einsteinium 242	NT2	europium 152
NT2	curium 241	NT2	einsteinium 243	NT2	europium 153
NT2	curium 242	NT2	einsteinium 244	NT2	europium 154
NT2	curium 243	NT2	einsteinium 245	NT2	europium 155
NT2	curium 244	NT2	einsteinium 246	NT2	europium 156
NT2	curium 245	NT2	einsteinium 247	NT2	europium 157
NT2	curium 246	NT2	einsteinium 248	NT2	europium 158
NT2	curium 247	NT2	einsteinium 249	NT2	europium 159
NT2	curium 248	NT2	einsteinium 250	NT2	europium 160
NT2	curium 249	NT2	einsteinium 251	NT2	europium 161
NT2	curium 250	NT2	einsteinium 252	NT2	europium 162
NT2	curium 251	NT2	einsteinium 253	NT2	europium 163
NT2	curium 252	NT2	einsteinium 254	NT2	europium 164
NT1	darmstadtium isotopes	NT2	einsteinium 255	NT2	europium 165
NT2	darmstadtium 267	NT2	einsteinium 256	NT2	europium 166
NT2	darmstadtium 269	NT2	einsteinium 257	NT2	europium 167
NT2	darmstadtium 270	NT2	einsteinium 258	NT1	fermium isotopes
NT2	darmstadtium 271	NT1	element 119 isotopes	NT2	fermium 241
NT2	darmstadtium 272	NT1	element 124 isotopes	NT2	fermium 242
NT2	darmstadtium 273	NT2	element 124 312	NT2	fermium 243
NT2	darmstadtium 279	NT1	erbium isotopes	NT2	fermium 244
NT2	darmstadtium 281	NT2	erbium 143	NT2	fermium 245
NT1	daughter products	NT2	erbium 144	NT2	fermium 246
NT1	dubnium isotopes	NT2	erbium 145	NT2	fermium 247
NT2	dubnium 255	NT2	erbium 146	NT2	fermium 248
NT2	dubnium 256	NT2	erbium 147	NT2	fermium 249
NT2	dubnium 257	NT2	erbium 148	NT2	fermium 250
NT2	dubnium 258	NT2	erbium 149	NT2	fermium 251
NT2	dubnium 259	NT2	erbium 150	NT2	fermium 252
NT2	dubnium 260	NT2	erbium 151	NT2	fermium 253
NT2	dubnium 261	NT2	erbium 152	NT2	fermium 254
NT2	dubnium 262	NT2	erbium 153	NT2	fermium 255
NT2	dubnium 263	NT2	erbium 154	NT2	fermium 256
NT2	dubnium 264	NT2	erbium 155	NT2	fermium 257
NT2	dubnium 265	NT2	erbium 156	NT2	fermium 258
NT2	dubnium 266	NT2	erbium 157	NT2	fermium 259
NT2	dubnium 267	NT2	erbium 158	NT2	fermium 260
NT2	dubnium 268	NT2	erbium 159	NT2	fermium 264
NT2	dubnium 269	NT2	erbium 160	NT1	fission products
NT1	dysprosium isotopes	NT2	erbium 161	NT1	flerovium isotopes
NT2	dysprosium 138	NT2	erbium 162	NT2	flerovium 285
NT2	dysprosium 139	NT2	erbium 163	NT2	flerovium 286
NT2	dysprosium 140	NT2	erbium 164	NT2	flerovium 287
NT2	dysprosium 141	NT2	erbium 165	NT2	flerovium 288
NT2	dysprosium 142	NT2	erbium 166	NT2	flerovium 289
NT2	dysprosium 143	NT2	erbium 167	NT2	flerovium 292
NT2	dysprosium 144	NT2	erbium 168	NT1	fluorine isotopes
NT2	dysprosium 145	NT2	erbium 169	NT2	fluorine 14
NT2	dysprosium 146	NT2	erbium 170	NT2	fluorine 15
NT2	dysprosium 147	NT2	erbium 171	NT2	fluorine 16
NT2	dysprosium 148	NT2	erbium 172	NT2	fluorine 17
NT2	dysprosium 149	NT2	erbium 173	NT2	fluorine 18
NT2	dysprosium 150	NT2	erbium 174	NT2	fluorine 19
NT2	dysprosium 151	NT2	erbium 175	NT2	fluorine 20
NT2	dysprosium 152	NT2	erbium 176	NT2	fluorine 21
NT2	dysprosium 153	NT2	erbium 177	NT2	fluorine 22
NT2	dysprosium 154	NT1	europium isotopes	NT2	fluorine 23
NT2	dysprosium 155	NT2	europium 130	NT2	fluorine 24
NT2	dysprosium 156	NT2	europium 131	NT2	fluorine 25
NT2	dysprosium 157	NT2	europium 132	NT2	fluorine 26
NT2	dysprosium 158	NT2	europium 133	NT2	fluorine 27
NT2	dysprosium 159	NT2	europium 134	NT2	fluorine 28

NT2	fluorine 29	NT2	gallium 59	NT2	gold 186
NT2	fluorine 30	NT2	gallium 60	NT2	gold 187
NT2	fluorine 31	NT2	gallium 61	NT2	gold 188
NT1	francium isotopes	NT2	gallium 62	NT2	gold 189
NT2	francium 199	NT2	gallium 63	NT2	gold 190
NT2	francium 200	NT2	gallium 64	NT2	gold 191
NT2	francium 201	NT2	gallium 65	NT2	gold 192
NT2	francium 202	NT2	gallium 66	NT2	gold 193
NT2	francium 203	NT2	gallium 67	NT2	gold 194
NT2	francium 204	NT2	gallium 68	NT2	gold 195
NT2	francium 205	NT2	gallium 69	NT2	gold 196
NT2	francium 206	NT2	gallium 70	NT2	gold 197
NT2	francium 207	NT2	gallium 71	NT2	gold 198
NT2	francium 208	NT2	gallium 72	NT2	gold 199
NT2	francium 209	NT2	gallium 73	NT2	gold 200
NT2	francium 210	NT2	gallium 74	NT2	gold 201
NT2	francium 211	NT2	gallium 75	NT2	gold 202
NT2	francium 212	NT2	gallium 76	NT2	gold 203
NT2	francium 213	NT2	gallium 77	NT2	gold 204
NT2	francium 214	NT2	gallium 78	NT2	gold 205
NT2	francium 215	NT2	gallium 79	NT1	hafnium isotopes
NT2	francium 216	NT2	gallium 80	NT2	hafnium 153
NT2	francium 217	NT2	gallium 81	NT2	hafnium 154
NT2	francium 218	NT2	gallium 82	NT2	hafnium 155
NT2	francium 219	NT2	gallium 83	NT2	hafnium 156
NT2	francium 220	NT2	gallium 84	NT2	hafnium 157
NT2	francium 221	NT2	gallium 85	NT2	hafnium 158
NT2	francium 222	NT2	gallium 86	NT2	hafnium 159
NT2	francium 223	NT1	germanium isotopes	NT2	hafnium 160
NT2	francium 224	NT2	germanium 58	NT2	hafnium 161
NT2	francium 225	NT2	germanium 59	NT2	hafnium 162
NT2	francium 226	NT2	germanium 60	NT2	hafnium 163
NT2	francium 227	NT2	germanium 61	NT2	hafnium 164
NT2	francium 228	NT2	germanium 62	NT2	hafnium 165
NT2	francium 229	NT2	germanium 63	NT2	hafnium 166
NT2	francium 230	NT2	germanium 64	NT2	hafnium 167
NT2	francium 231	NT2	germanium 65	NT2	hafnium 168
NT2	francium 232	NT2	germanium 66	NT2	hafnium 169
NT1	gadolinium isotopes	NT2	germanium 67	NT2	hafnium 170
NT2	gadolinium 134	NT2	germanium 68	NT2	hafnium 171
NT2	gadolinium 135	NT2	germanium 69	NT2	hafnium 172
NT2	gadolinium 136	NT2	germanium 70	NT2	hafnium 173
NT2	gadolinium 137	NT2	germanium 71	NT2	hafnium 174
NT2	gadolinium 138	NT2	germanium 72	NT2	hafnium 175
NT2	gadolinium 139	NT2	germanium 73	NT2	hafnium 176
NT2	gadolinium 140	NT2	germanium 74	NT2	hafnium 177
NT2	gadolinium 141	NT2	germanium 75	NT2	hafnium 178
NT2	gadolinium 142	NT2	germanium 76	NT2	hafnium 179
NT2	gadolinium 143	NT2	germanium 77	NT2	hafnium 180
NT2	gadolinium 144	NT2	germanium 78	NT2	hafnium 181
NT2	gadolinium 145	NT2	germanium 79	NT2	hafnium 182
NT2	gadolinium 146	NT2	germanium 80	NT2	hafnium 183
NT2	gadolinium 147	NT2	germanium 81	NT2	hafnium 184
NT2	gadolinium 148	NT2	germanium 82	NT2	hafnium 185
NT2	gadolinium 149	NT2	germanium 83	NT2	hafnium 186
NT2	gadolinium 150	NT2	germanium 84	NT2	hafnium 187
NT2	gadolinium 151	NT2	germanium 85	NT2	hafnium 188
NT2	gadolinium 152	NT2	germanium 86	NT1	hassium isotopes
NT2	gadolinium 153	NT2	germanium 87	NT2	hassium 263
NT2	gadolinium 154	NT2	germanium 88	NT2	hassium 264
NT2	gadolinium 155	NT2	germanium 89	NT2	hassium 265
NT2	gadolinium 156	NT1	gold isotopes	NT2	hassium 266
NT2	gadolinium 157	NT2	gold 169	NT2	hassium 267
NT2	gadolinium 158	NT2	gold 170	NT2	hassium 269
NT2	gadolinium 159	NT2	gold 171	NT2	hassium 270
NT2	gadolinium 160	NT2	gold 172	NT2	hassium 271
NT2	gadolinium 161	NT2	gold 173	NT2	hassium 272
NT2	gadolinium 162	NT2	gold 174	NT2	hassium 274
NT2	gadolinium 163	NT2	gold 175	NT2	hassium 275
NT2	gadolinium 164	NT2	gold 176	NT2	hassium 276
NT2	gadolinium 165	NT2	gold 177	NT1	helium isotopes
NT2	gadolinium 166	NT2	gold 178	NT2	helium 10
NT2	gadolinium 167	NT2	gold 179	NT2	helium 2
NT2	gadolinium 168	NT2	gold 180	NT2	helium 3
NT2	gadolinium 169	NT2	gold 181	NT3	helium 3 a
NT1	gallium isotopes	NT2	gold 182	NT3	helium 3 a1
NT2	gallium 56	NT2	gold 183	NT3	helium 3 b
NT2	gallium 57	NT2	gold 184	NT2	helium 4
NT2	gallium 58	NT2	gold 185	NT3	helium i

NT3 helium ii
 NT2 helium 5
 NT2 helium 6
 NT2 helium 7
 NT2 helium 8
 NT2 helium 9
 NT1 holmium isotopes
 NT2 holmium 140
 NT2 holmium 141
 NT2 holmium 142
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 NT1 hydrogen isotopes
 NT2 deuterium
 NT2 hydrogen 1
 NT2 hydrogen 4
 NT2 hydrogen 5
 NT2 hydrogen 6
 NT2 hydrogen 7
 NT2 tritium
 NT1 indium isotopes
 NT2 indium 100
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 NT1 iodine isotopes
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 NT1 iridium isotopes
 NT2 iridium 164
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 NT1 iron isotopes
 NT2 iron 45
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 NT2 iron 72
 NT1 krypton isotopes
 NT2 krypton 100
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 NT1 lanthanum isotopes
 NT2 lanthanum 117
 NT2 lanthanum 118
 NT2 lanthanum 119
 NT2 lanthanum 120
 NT2 lanthanum 121
 NT2 lanthanum 122
 NT2 lanthanum 123

NT2	lanthanum 124	NT2	lead 207	NT2	manganese 58
NT2	lanthanum 125	NT2	lead 208	NT2	manganese 59
NT2	lanthanum 126	NT2	lead 209	NT2	manganese 60
NT2	lanthanum 127	NT2	lead 210	NT2	manganese 61
NT2	lanthanum 128	NT2	lead 211	NT2	manganese 62
NT2	lanthanum 129	NT2	lead 212	NT2	manganese 63
NT2	lanthanum 130	NT2	lead 213	NT2	manganese 64
NT2	lanthanum 131	NT2	lead 214	NT2	manganese 65
NT2	lanthanum 132	NT2	lead 215	NT2	manganese 66
NT2	lanthanum 133	NT2	lead 216	NT2	manganese 67
NT2	lanthanum 134	NT1	lithium isotopes	NT2	manganese 68
NT2	lanthanum 135	NT2	lithium 10	NT2	manganese 69
NT2	lanthanum 136	NT2	lithium 11	NT2	manganese 70
NT2	lanthanum 137	NT2	lithium 12	NT1	meitnerium isotopes
NT2	lanthanum 138	NT2	lithium 13	NT2	meitnerium 265
NT2	lanthanum 139	NT2	lithium 3	NT2	meitnerium 266
NT2	lanthanum 140	NT2	lithium 4	NT2	meitnerium 267
NT2	lanthanum 141	NT2	lithium 5	NT2	meitnerium 268
NT2	lanthanum 142	NT2	lithium 6	NT2	meitnerium 270
NT2	lanthanum 143	NT2	lithium 7	NT2	meitnerium 271
NT2	lanthanum 144	NT2	lithium 8	NT2	meitnerium 272
NT2	lanthanum 145	NT2	lithium 9	NT2	meitnerium 273
NT2	lanthanum 146	NT1	livermorium isotopes	NT2	meitnerium 274
NT2	lanthanum 147	NT2	livermorium 290	NT2	meitnerium 275
NT2	lanthanum 148	NT2	livermorium 291	NT2	meitnerium 276
NT2	lanthanum 149	NT2	livermorium 292	NT2	meitnerium 279
NT2	lanthanum 150	NT2	livermorium 293	NT1	mendelevium isotopes
NT2	lanthanum 151	NT1	lutetium isotopes	NT2	mendelevium 245
NT2	lanthanum 152	NT2	lutetium 150	NT2	mendelevium 246
NT2	lanthanum 153	NT2	lutetium 151	NT2	mendelevium 247
NT2	lanthanum 154	NT2	lutetium 152	NT2	mendelevium 248
NT2	lanthanum 155	NT2	lutetium 153	NT2	mendelevium 249
NT1	lawrencium isotopes	NT2	lutetium 154	NT2	mendelevium 250
NT2	lawrencium 251	NT2	lutetium 155	NT2	mendelevium 251
NT2	lawrencium 252	NT2	lutetium 156	NT2	mendelevium 252
NT2	lawrencium 253	NT2	lutetium 157	NT2	mendelevium 253
NT2	lawrencium 254	NT2	lutetium 158	NT2	mendelevium 254
NT2	lawrencium 255	NT2	lutetium 159	NT2	mendelevium 255
NT2	lawrencium 256	NT2	lutetium 160	NT2	mendelevium 256
NT2	lawrencium 257	NT2	lutetium 161	NT2	mendelevium 257
NT2	lawrencium 258	NT2	lutetium 162	NT2	mendelevium 258
NT2	lawrencium 259	NT2	lutetium 163	NT2	mendelevium 259
NT2	lawrencium 260	NT2	lutetium 164	NT2	mendelevium 260
NT2	lawrencium 261	NT2	lutetium 165	NT2	mendelevium 261
NT2	lawrencium 262	NT2	lutetium 166	NT2	mendelevium 262
NT2	lawrencium 263	NT2	lutetium 167	NT1	mercury isotopes
NT2	lawrencium 264	NT2	lutetium 168	NT2	mercury 171
NT2	lawrencium 265	NT2	lutetium 169	NT2	mercury 172
NT2	lawrencium 266	NT2	lutetium 170	NT2	mercury 173
NT1	lead isotopes	NT2	lutetium 171	NT2	mercury 174
NT2	lead 178	NT2	lutetium 172	NT2	mercury 175
NT2	lead 179	NT2	lutetium 173	NT2	mercury 176
NT2	lead 180	NT2	lutetium 174	NT2	mercury 177
NT2	lead 181	NT2	lutetium 175	NT2	mercury 178
NT2	lead 182	NT2	lutetium 176	NT2	mercury 179
NT2	lead 183	NT2	lutetium 177	NT2	mercury 180
NT2	lead 184	NT2	lutetium 178	NT2	mercury 181
NT2	lead 185	NT2	lutetium 179	NT2	mercury 182
NT2	lead 186	NT2	lutetium 180	NT2	mercury 183
NT2	lead 187	NT2	lutetium 181	NT2	mercury 184
NT2	lead 188	NT2	lutetium 182	NT2	mercury 185
NT2	lead 189	NT2	lutetium 183	NT2	mercury 186
NT2	lead 190	NT2	lutetium 184	NT2	mercury 187
NT2	lead 191	NT2	lutetium 187	NT2	mercury 188
NT2	lead 192	NT1	manganese isotopes	NT2	mercury 189
NT2	lead 193	NT2	manganese 44	NT2	mercury 190
NT2	lead 194	NT2	manganese 45	NT2	mercury 191
NT2	lead 195	NT2	manganese 46	NT2	mercury 192
NT2	lead 196	NT2	manganese 47	NT2	mercury 193
NT2	lead 197	NT2	manganese 48	NT2	mercury 194
NT2	lead 198	NT2	manganese 49	NT2	mercury 195
NT2	lead 199	NT2	manganese 50	NT2	mercury 196
NT2	lead 200	NT2	manganese 51	NT2	mercury 197
NT2	lead 201	NT2	manganese 52	NT2	mercury 198
NT2	lead 202	NT2	manganese 53	NT2	mercury 199
NT2	lead 203	NT2	manganese 54	NT2	mercury 200
NT2	lead 204	NT2	manganese 55	NT2	mercury 201
NT2	lead 205	NT2	manganese 56	NT2	mercury 202
NT2	lead 206	NT2	manganese 57	NT2	mercury 203

NT2	mercury 204	NT2	neodymium 156	NT1	nihonium isotopes
NT2	mercury 205	NT2	neodymium 157	NT2	nihonium 278
NT2	mercury 206	NT2	neodymium 158	NT2	nihonium 283
NT2	mercury 207	NT2	neodymium 159	NT2	nihonium 284
NT2	mercury 208	NT2	neodymium 160	NT1	niobium isotopes
NT2	mercury 209	NT2	neodymium 161	NT2	niobium 100
NT2	mercury 210	NT1	neon isotopes	NT2	niobium 101
NT2	mercury 211	NT2	neon 16	NT2	niobium 102
NT2	mercury 212	NT2	neon 17	NT2	niobium 103
NT1	molybdenum isotopes	NT2	neon 18	NT2	niobium 104
NT2	molybdenum 100	NT2	neon 19	NT2	niobium 105
NT2	molybdenum 101	NT2	neon 20	NT2	niobium 106
NT2	molybdenum 102	NT2	neon 21	NT2	niobium 107
NT2	molybdenum 103	NT2	neon 22	NT2	niobium 108
NT2	molybdenum 104	NT2	neon 23	NT2	niobium 109
NT2	molybdenum 105	NT2	neon 24	NT2	niobium 110
NT2	molybdenum 106	NT2	neon 25	NT2	niobium 111
NT2	molybdenum 107	NT2	neon 26	NT2	niobium 112
NT2	molybdenum 108	NT2	neon 27	NT2	niobium 113
NT2	molybdenum 109	NT2	neon 28	NT2	niobium 81
NT2	molybdenum 110	NT2	neon 29	NT2	niobium 82
NT2	molybdenum 111	NT2	neon 30	NT2	niobium 83
NT2	molybdenum 112	NT2	neon 31	NT2	niobium 84
NT2	molybdenum 113	NT2	neon 32	NT2	niobium 85
NT2	molybdenum 114	NT2	neon 33	NT2	niobium 86
NT2	molybdenum 115	NT2	neon 34	NT2	niobium 87
NT2	molybdenum 83	NT1	neptunium isotopes	NT2	niobium 88
NT2	molybdenum 84	NT2	neptunium 225	NT2	niobium 89
NT2	molybdenum 85	NT2	neptunium 226	NT2	niobium 90
NT2	molybdenum 86	NT2	neptunium 227	NT2	niobium 91
NT2	molybdenum 87	NT2	neptunium 228	NT2	niobium 92
NT2	molybdenum 88	NT2	neptunium 229	NT2	niobium 93
NT2	molybdenum 89	NT2	neptunium 230	NT2	niobium 94
NT2	molybdenum 90	NT2	neptunium 231	NT2	niobium 95
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NT2	molybdenum 93	NT2	neptunium 234	NT2	niobium 98
NT2	molybdenum 94	NT2	neptunium 235	NT2	niobium 99
NT2	molybdenum 95	NT2	neptunium 236	NT1	nitrogen isotopes
NT2	molybdenum 96	NT2	neptunium 237	NT2	nitrogen 10
NT2	molybdenum 97	NT2	neptunium 238	NT2	nitrogen 11
NT2	molybdenum 98	NT2	neptunium 239	NT2	nitrogen 12
NT2	molybdenum 99	NT2	neptunium 240	NT2	nitrogen 13
NT1	moscovium isotopes	NT2	neptunium 241	NT2	nitrogen 14
NT2	moscovium 287	NT2	neptunium 242	NT2	nitrogen 15
NT2	moscovium 288	NT2	neptunium 243	NT2	nitrogen 16
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NT2	neodymium 126	NT2	nickel 49	NT2	nitrogen 20
NT2	neodymium 127	NT2	nickel 50	NT2	nitrogen 21
NT2	neodymium 128	NT2	nickel 51	NT2	nitrogen 22
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NT2	neodymium 130	NT2	nickel 53	NT2	nitrogen 24
NT2	neodymium 131	NT2	nickel 54	NT2	nitrogen 25
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NT2	neodymium 133	NT2	nickel 56	NT2	nobelium 248
NT2	neodymium 134	NT2	nickel 57	NT2	nobelium 250
NT2	neodymium 135	NT2	nickel 58	NT2	nobelium 251
NT2	neodymium 136	NT2	nickel 59	NT2	nobelium 252
NT2	neodymium 137	NT2	nickel 60	NT2	nobelium 253
NT2	neodymium 138	NT2	nickel 61	NT2	nobelium 254
NT2	neodymium 139	NT2	nickel 62	NT2	nobelium 255
NT2	neodymium 140	NT2	nickel 63	NT2	nobelium 256
NT2	neodymium 141	NT2	nickel 64	NT2	nobelium 257
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NT2	neodymium 145	NT2	nickel 68	NT2	nobelium 261
NT2	neodymium 146	NT2	nickel 69	NT2	nobelium 262
NT2	neodymium 147	NT2	nickel 70	NT2	nobelium 263
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NT2	osmium 168	NT2	palladium 94	NT2	plutonium 231
NT2	osmium 169	NT2	palladium 95	NT2	plutonium 232
NT2	osmium 170	NT2	palladium 96	NT2	plutonium 233
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NT2	osmium 172	NT2	palladium 98	NT2	plutonium 235
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NT2	osmium 195	NT2	phosphorus 43	NT2	polonium 193
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NT2	palladium 107	NT2	platinum 192	NT2	potassium 34
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NT2	palladium 109	NT2	platinum 194	NT2	potassium 36
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NT2	palladium 112	NT2	platinum 197	NT2	potassium 39
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NT4	strontium 94	NT4	thorium 231	NT4	xenon 145
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NT4	strontium 96	NT4	thorium 234	NT4	ytterbium 175
NT4	strontium 97	NT4	thorium 235	NT4	ytterbium 177
NT4	strontium 98	NT4	thorium 236	NT4	ytterbium 178
NT4	strontium 99	NT4	thorium 237	NT4	ytterbium 179
NT4	sulfur 35	NT4	thulium 168	NT4	ytterbium 180
NT4	sulfur 37	NT4	thulium 170	NT4	ytterbium 181
NT4	sulfur 38	NT4	thulium 171	NT4	yttrium 100
NT4	sulfur 39	NT4	thulium 172	NT4	yttrium 101
NT4	sulfur 40	NT4	thulium 173	NT4	yttrium 102
NT4	sulfur 43	NT4	thulium 174	NT4	yttrium 103
NT4	tantalum 180	NT4	thulium 175	NT4	yttrium 104
NT4	tantalum 182	NT4	thulium 176	NT4	yttrium 105
NT4	tantalum 183	NT4	thulium 177	NT4	yttrium 106
NT4	tantalum 184	NT4	thulium 178	NT4	yttrium 107
NT4	tantalum 185	NT4	thulium 179	NT4	yttrium 108
NT4	tantalum 186	NT4	tin 121	NT4	yttrium 90
NT4	tantalum 187	NT4	tin 123	NT4	yttrium 91
NT4	tantalum 188	NT4	tin 125	NT4	yttrium 92
NT4	tantalum 189	NT4	tin 126	NT4	yttrium 93
NT4	tantalum 190	NT4	tin 127	NT4	yttrium 94
NT4	technetium 100	NT4	tin 128	NT4	yttrium 95
NT4	technetium 101	NT4	tin 129	NT4	yttrium 96
NT4	technetium 102	NT4	tin 130	NT4	yttrium 97
NT4	technetium 103	NT4	tin 131	NT4	yttrium 98
NT4	technetium 104	NT4	tin 132	NT4	yttrium 99
NT4	technetium 105	NT4	tin 133	NT4	zinc 69
NT4	technetium 106	NT4	tin 134	NT4	zinc 71
NT4	technetium 107	NT4	tin 135	NT4	zinc 72
NT4	technetium 108	NT4	tin 136	NT4	zinc 73
NT4	technetium 109	NT4	tin 137	NT4	zinc 74
NT4	technetium 110	NT4	titanium 51	NT4	zinc 75
NT4	technetium 111	NT4	titanium 52	NT4	zinc 76
NT4	technetium 112	NT4	titanium 53	NT4	zinc 77
NT4	technetium 113	NT4	titanium 54	NT4	zinc 78
NT4	technetium 114	NT4	titanium 55	NT4	zinc 79
NT4	technetium 115	NT4	titanium 56	NT4	zinc 80
NT4	technetium 116	NT4	titanium 58	NT4	zinc 81
NT4	technetium 117	NT4	titanium 59	NT4	zinc 82
NT4	technetium 118	NT4	titanium 60	NT4	zinc 83
NT4	technetium 98	NT4	titanium 61	NT4	zirconium 100
NT4	technetium 99	NT4	titanium 62	NT4	zirconium 101
NT4	tellurium 127	NT4	titanium 63	NT4	zirconium 102
NT4	tellurium 129	NT4	tritium	NT4	zirconium 103
NT4	tellurium 131	NT4	tungsten 185	NT4	zirconium 104
NT4	tellurium 132	NT4	tungsten 187	NT4	zirconium 105
NT4	tellurium 133	NT4	tungsten 188	NT4	zirconium 106
NT4	tellurium 134	NT4	tungsten 189	NT4	zirconium 107
NT4	tellurium 135	NT4	tungsten 191	NT4	zirconium 108
NT4	tellurium 136	NT4	uranium 237	NT4	zirconium 109
NT4	tellurium 137	NT4	uranium 239	NT4	zirconium 110
NT4	tellurium 138	NT4	uranium 240	NT4	zirconium 93
NT4	tellurium 139	NT4	uranium 241	NT4	zirconium 95
NT4	tellurium 140	NT4	uranium 242	NT4	zirconium 97

NT4	zirconium 98	NT4	cadmium 103	NT4	dysprosium 157
NT4	zirconium 99	NT4	cadmium 104	NT4	erbium 145
NT3	beta-plus decay radioisotopes	NT4	cadmium 105	NT4	erbium 146
NT4	aluminium 22	NT4	cadmium 107	NT4	erbium 147
NT4	aluminium 23	NT4	cadmium 97	NT4	erbium 148
NT4	aluminium 24	NT4	cadmium 98	NT4	erbium 149
NT4	aluminium 25	NT4	cadmium 99	NT4	erbium 150
NT4	aluminium 26	NT4	calcium 36	NT4	erbium 151
NT4	americium 235	NT4	calcium 37	NT4	erbium 152
NT4	americium 236	NT4	calcium 38	NT4	erbium 153
NT4	antimony 104	NT4	calcium 39	NT4	erbium 154
NT4	antimony 105	NT4	carbon 10	NT4	erbium 155
NT4	antimony 108	NT4	carbon 11	NT4	erbium 156
NT4	antimony 110	NT4	carbon 9	NT4	erbium 157
NT4	antimony 111	NT4	cerium 121	NT4	erbium 158
NT4	antimony 112	NT4	cerium 125	NT4	erbium 159
NT4	antimony 113	NT4	cerium 127	NT4	erbium 161
NT4	antimony 114	NT4	cerium 128	NT4	erbium 163
NT4	antimony 115	NT4	cerium 129	NT4	europium 132
NT4	antimony 116	NT4	cerium 130	NT4	europium 134
NT4	antimony 117	NT4	cerium 131	NT4	europium 135
NT4	antimony 118	NT4	cerium 132	NT4	europium 136
NT4	antimony 120	NT4	cerium 133	NT4	europium 138
NT4	antimony 122	NT4	cerium 135	NT4	europium 139
NT4	argon 31	NT4	cerium 137	NT4	europium 140
NT4	argon 32	NT4	cesium 114	NT4	europium 141
NT4	argon 33	NT4	cesium 115	NT4	europium 142
NT4	argon 34	NT4	cesium 116	NT4	europium 143
NT4	argon 35	NT4	cesium 117	NT4	europium 144
NT4	arsenic 66	NT4	cesium 118	NT4	europium 145
NT4	arsenic 67	NT4	cesium 119	NT4	europium 146
NT4	arsenic 68	NT4	cesium 120	NT4	europium 147
NT4	arsenic 69	NT4	cesium 121	NT4	europium 148
NT4	arsenic 70	NT4	cesium 122	NT4	europium 150
NT4	arsenic 71	NT4	cesium 123	NT4	europium 152
NT4	arsenic 72	NT4	cesium 124	NT4	fluorine 17
NT4	arsenic 74	NT4	cesium 125	NT4	fluorine 18
NT4	astatine 205	NT4	cesium 126	NT4	gadolinium 135
NT4	astatine 206	NT4	cesium 127	NT4	gadolinium 137
NT4	barium 114	NT4	cesium 128	NT4	gadolinium 139
NT4	barium 115	NT4	cesium 129	NT4	gadolinium 142
NT4	barium 116	NT4	cesium 130	NT4	gadolinium 143
NT4	barium 117	NT4	cesium 132	NT4	gadolinium 144
NT4	barium 118	NT4	chlorine 31	NT4	gadolinium 145
NT4	barium 119	NT4	chlorine 32	NT4	gadolinium 146
NT4	barium 120	NT4	chlorine 33	NT4	gadolinium 147
NT4	barium 121	NT4	chlorine 34	NT4	gallium 60
NT4	barium 122	NT4	chlorine 36	NT4	gallium 62
NT4	barium 123	NT4	chromium 42	NT4	gallium 63
NT4	barium 124	NT4	chromium 45	NT4	gallium 64
NT4	barium 125	NT4	chromium 46	NT4	gallium 65
NT4	barium 126	NT4	chromium 47	NT4	gallium 66
NT4	barium 127	NT4	chromium 49	NT4	gallium 68
NT4	barium 129	NT4	cobalt 52	NT4	germanium 61
NT4	berkelium 236	NT4	cobalt 53	NT4	germanium 63
NT4	berkelium 238	NT4	cobalt 54	NT4	germanium 64
NT4	bismuth 194	NT4	cobalt 55	NT4	germanium 65
NT4	bismuth 197	NT4	cobalt 56	NT4	germanium 66
NT4	bismuth 200	NT4	cobalt 58	NT4	germanium 67
NT4	bismuth 202	NT4	copper 56	NT4	germanium 69
NT4	bismuth 203	NT4	copper 57	NT4	gold 182
NT4	bismuth 205	NT4	copper 58	NT4	gold 184
NT4	bismuth 206	NT4	copper 59	NT4	gold 185
NT4	bismuth 207	NT4	copper 60	NT4	gold 186
NT4	boron 8	NT4	copper 61	NT4	gold 187
NT4	bromine 69	NT4	copper 62	NT4	gold 188
NT4	bromine 70	NT4	copper 64	NT4	gold 189
NT4	bromine 71	NT4	curium 232	NT4	gold 190
NT4	bromine 72	NT4	dysprosium 140	NT4	gold 192
NT4	bromine 73	NT4	dysprosium 145	NT4	gold 194
NT4	bromine 74	NT4	dysprosium 146	NT4	gold 196
NT4	bromine 75	NT4	dysprosium 147	NT4	hafnium 154
NT4	bromine 76	NT4	dysprosium 148	NT4	hafnium 155
NT4	bromine 77	NT4	dysprosium 149	NT4	hafnium 162
NT4	bromine 78	NT4	dysprosium 150	NT4	hafnium 163
NT4	bromine 80	NT4	dysprosium 151	NT4	hafnium 166
NT4	cadmium 100	NT4	dysprosium 152	NT4	hafnium 167
NT4	cadmium 101	NT4	dysprosium 153	NT4	hafnium 168
NT4	cadmium 102	NT4	dysprosium 155	NT4	hafnium 169

NT4	holmium 145	NT4	lanthanum 135	NT4	niobium 85
NT4	holmium 146	NT4	lanthanum 136	NT4	niobium 87
NT4	holmium 147	NT4	lead 187	NT4	niobium 88
NT4	holmium 148	NT4	lead 188	NT4	niobium 89
NT4	holmium 149	NT4	lead 189	NT4	niobium 90
NT4	holmium 150	NT4	lead 190	NT4	niobium 92
NT4	holmium 151	NT4	lead 191	NT4	nitrogen 12
NT4	holmium 152	NT4	lead 192	NT4	nitrogen 13
NT4	holmium 153	NT4	lead 193	NT4	osmium 172
NT4	holmium 154	NT4	lead 194	NT4	osmium 173
NT4	holmium 155	NT4	lead 195	NT4	osmium 174
NT4	holmium 156	NT4	lead 199	NT4	osmium 175
NT4	holmium 157	NT4	lead 201	NT4	osmium 176
NT4	holmium 158	NT4	lutetium 153	NT4	osmium 177
NT4	holmium 160	NT4	lutetium 161	NT4	osmium 178
NT4	holmium 162	NT4	lutetium 162	NT4	osmium 179
NT4	indium 100	NT4	lutetium 163	NT4	osmium 181
NT4	indium 103	NT4	lutetium 164	NT4	osmium 183
NT4	indium 104	NT4	lutetium 165	NT4	oxygen 13
NT4	indium 105	NT4	lutetium 166	NT4	oxygen 14
NT4	indium 106	NT4	lutetium 167	NT4	oxygen 15
NT4	indium 107	NT4	lutetium 168	NT4	palladium 101
NT4	indium 108	NT4	lutetium 169	NT4	palladium 93
NT4	indium 109	NT4	lutetium 170	NT4	palladium 94
NT4	indium 110	NT4	lutetium 171	NT4	palladium 95
NT4	indium 112	NT4	lutetium 174	NT4	palladium 97
NT4	indium 114	NT4	magnesium 20	NT4	palladium 98
NT4	iodine 110	NT4	magnesium 21	NT4	palladium 99
NT4	iodine 111	NT4	magnesium 22	NT4	phosphorus 26
NT4	iodine 112	NT4	magnesium 23	NT4	phosphorus 28
NT4	iodine 113	NT4	manganese 48	NT4	phosphorus 29
NT4	iodine 114	NT4	manganese 49	NT4	phosphorus 30
NT4	iodine 115	NT4	manganese 50	NT4	platinum 174
NT4	iodine 116	NT4	manganese 51	NT4	platinum 182
NT4	iodine 117	NT4	manganese 52	NT4	platinum 183
NT4	iodine 118	NT4	mercury 179	NT4	platinum 184
NT4	iodine 119	NT4	mercury 181	NT4	platinum 185
NT4	iodine 120	NT4	mercury 182	NT4	platinum 187
NT4	iodine 121	NT4	mercury 183	NT4	platinum 189
NT4	iodine 122	NT4	mercury 184	NT4	polonium 198
NT4	iodine 124	NT4	mercury 185	NT4	polonium 199
NT4	iodine 126	NT4	mercury 186	NT4	polonium 200
NT4	iodine 128	NT4	mercury 187	NT4	polonium 201
NT4	iridium 178	NT4	mercury 188	NT4	polonium 202
NT4	iridium 179	NT4	mercury 191	NT4	polonium 203
NT4	iridium 180	NT4	mercury 193	NT4	polonium 205
NT4	iridium 181	NT4	molybdenum 86	NT4	polonium 207
NT4	iridium 182	NT4	molybdenum 87	NT4	potassium 35
NT4	iridium 183	NT4	molybdenum 88	NT4	potassium 36
NT4	iridium 184	NT4	molybdenum 89	NT4	potassium 37
NT4	iridium 185	NT4	molybdenum 90	NT4	potassium 38
NT4	iridium 186	NT4	molybdenum 91	NT4	potassium 40
NT4	iridium 188	NT4	neodymium 127	NT4	praseodymium 126
NT4	iridium 190	NT4	neodymium 128	NT4	praseodymium 127
NT4	iron 45	NT4	neodymium 129	NT4	praseodymium 129
NT4	iron 46	NT4	neodymium 130	NT4	praseodymium 130
NT4	iron 49	NT4	neodymium 131	NT4	praseodymium 131
NT4	iron 51	NT4	neodymium 132	NT4	praseodymium 132
NT4	iron 52	NT4	neodymium 133	NT4	praseodymium 133
NT4	iron 53	NT4	neodymium 134	NT4	praseodymium 134
NT4	krypton 69	NT4	neodymium 135	NT4	praseodymium 135
NT4	krypton 71	NT4	neodymium 136	NT4	praseodymium 136
NT4	krypton 72	NT4	neodymium 137	NT4	praseodymium 137
NT4	krypton 73	NT4	neodymium 138	NT4	praseodymium 138
NT4	krypton 74	NT4	neodymium 139	NT4	praseodymium 139
NT4	krypton 75	NT4	neodymium 141	NT4	praseodymium 140
NT4	krypton 77	NT4	neon 17	NT4	promethium 132
NT4	krypton 79	NT4	neon 18	NT4	promethium 133
NT4	lanthanum 121	NT4	neon 19	NT4	promethium 134
NT4	lanthanum 125	NT4	neptunium 234	NT4	promethium 135
NT4	lanthanum 126	NT4	nickel 49	NT4	promethium 136
NT4	lanthanum 127	NT4	nickel 50	NT4	promethium 137
NT4	lanthanum 128	NT4	nickel 52	NT4	promethium 138
NT4	lanthanum 129	NT4	nickel 53	NT4	promethium 139
NT4	lanthanum 130	NT4	nickel 55	NT4	promethium 140
NT4	lanthanum 131	NT4	nickel 56	NT4	promethium 141
NT4	lanthanum 132	NT4	nickel 57	NT4	promethium 142
NT4	lanthanum 133	NT4	niobium 83	NT4	protactinium 230
NT4	lanthanum 134	NT4	niobium 84	NT4	radon 207

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NT4 rhenium 165
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NT4 rhenium 182
NT4 rhodium 100
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NT4 ytterbium 167
NT4 yttrium 79
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NT4 yttrium 81
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NT4 yttrium 86

NT4	yttrium 87	NT4	barium 125	NT4	cerium 137
NT4	yttrium 88	NT4	barium 126	NT4	cerium 139
NT4	zinc 57	NT4	barium 127	NT4	cesium 114
NT4	zinc 59	NT4	barium 128	NT4	cesium 115
NT4	zinc 60	NT4	barium 129	NT4	cesium 116
NT4	zinc 61	NT4	barium 131	NT4	cesium 117
NT4	zinc 62	NT4	barium 133	NT4	cesium 118
NT4	zinc 63	NT4	berkelium 235	NT4	cesium 119
NT4	zinc 65	NT4	berkelium 236	NT4	cesium 120
NT4	zirconium 81	NT4	berkelium 237	NT4	cesium 121
NT4	zirconium 82	NT4	berkelium 238	NT4	cesium 122
NT4	zirconium 83	NT4	berkelium 239	NT4	cesium 123
NT4	zirconium 84	NT4	berkelium 240	NT4	cesium 124
NT4	zirconium 85	NT4	berkelium 242	NT4	cesium 125
NT4	zirconium 87	NT4	berkelium 243	NT4	cesium 126
NT4	zirconium 89	NT4	berkelium 244	NT4	cesium 127
NT3	electron capture radioisotopes	NT4	berkelium 245	NT4	cesium 128
NT4	actinium 214	NT4	berkelium 246	NT4	cesium 129
NT4	actinium 215	NT4	berkelium 248	NT4	cesium 130
NT4	actinium 222	NT4	beryllium 7	NT4	cesium 131
NT4	actinium 223	NT4	bismuth 190	NT4	cesium 132
NT4	actinium 224	NT4	bismuth 191	NT4	cesium 134
NT4	actinium 226	NT4	bismuth 192	NT4	chlorine 36
NT4	americium 231	NT4	bismuth 193	NT4	chromium 48
NT4	americium 232	NT4	bismuth 194	NT4	chromium 49
NT4	americium 233	NT4	bismuth 195	NT4	chromium 51
NT4	americium 234	NT4	bismuth 196	NT4	cobalt 49
NT4	americium 235	NT4	bismuth 197	NT4	cobalt 51
NT4	americium 236	NT4	bismuth 198	NT4	cobalt 55
NT4	americium 237	NT4	bismuth 199	NT4	cobalt 56
NT4	americium 238	NT4	bismuth 200	NT4	cobalt 57
NT4	americium 239	NT4	bismuth 201	NT4	cobalt 58
NT4	americium 240	NT4	bismuth 202	NT4	copper 55
NT4	americium 242	NT4	bismuth 203	NT4	copper 58
NT4	americium 244	NT4	bismuth 204	NT4	copper 60
NT4	antimony 103	NT4	bismuth 205	NT4	copper 61
NT4	antimony 107	NT4	bismuth 206	NT4	copper 62
NT4	antimony 109	NT4	bismuth 207	NT4	copper 64
NT4	antimony 110	NT4	bismuth 208	NT4	curium 232
NT4	antimony 111	NT4	bromine 67	NT4	curium 233
NT4	antimony 112	NT4	bromine 68	NT4	curium 234
NT4	antimony 113	NT4	bromine 71	NT4	curium 235
NT4	antimony 114	NT4	bromine 73	NT4	curium 238
NT4	antimony 115	NT4	bromine 74	NT4	curium 239
NT4	antimony 116	NT4	bromine 75	NT4	curium 241
NT4	antimony 117	NT4	bromine 76	NT4	dubnium 258
NT4	antimony 118	NT4	bromine 77	NT4	dysprosium 138
NT4	antimony 119	NT4	bromine 78	NT4	dysprosium 139
NT4	antimony 120	NT4	bromine 80	NT4	dysprosium 140
NT4	antimony 122	NT4	cadmium 100	NT4	dysprosium 141
NT4	argon 37	NT4	cadmium 101	NT4	dysprosium 143
NT4	arsenic 67	NT4	cadmium 102	NT4	dysprosium 144
NT4	arsenic 70	NT4	cadmium 103	NT4	dysprosium 145
NT4	arsenic 71	NT4	cadmium 104	NT4	dysprosium 147
NT4	arsenic 72	NT4	cadmium 105	NT4	dysprosium 148
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NT3	rhenium 160	NT3	bohrium 264	NT3	darmstadtium 279
NT3	rhenium 194	NT3	bohrium 265	NT3	dysprosium 138
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NT3	rubidium 76	NT3	boron 13	NT3	dysprosium 149
NT3	ruthenium 87	NT3	boron 14	NT3	erbium 151
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NT3	technetium 86	NT3	boron 8	NT3	europium 133
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NT3	terbium 135	NT3	bromine 91	NT3	europium 165
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NT3	actinium 209	NT3	calcium 38	NT3	francium 218
NT3	actinium 210	NT3	calcium 39	NT3	francium 219
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NT3	actinium 215	NT3	carbon 18	NT3	gallium 62
NT3	actinium 220	NT3	carbon 9	NT3	gallium 72
NT3	actinium 221	NT3	cerium 119	NT3	gallium 82
NT3	aluminium 22	NT3	cerium 120	NT3	gallium 83
NT3	aluminium 23	NT3	cerium 156	NT3	gallium 84
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NT3	thallium 191	NT3	ytterbium 179	NT3	radon 214
NT3	thallium 192	NT3	ytterbium 180	NT3	rhodium 90
NT3	thallium 193	NT3	yttrium 81	NT3	rhodium 91
NT3	thallium 194	NT3	yttrium 83	NT3	rubidium 85
NT3	thallium 206	NT3	yttrium 84	NT3	scandium 38
NT3	thallium 207	NT3	yttrium 86	NT3	selenium 64
NT3	thallium 208	NT3	yttrium 91	NT3	sodium 22
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NT3	tin 125	NT3	chlorine 30	NT3	copper 54
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NT3	tin 128	NT3	chromium 66	NT3	europium 131
NT3	tin 129	NT3	cobalt 49	NT3	europium 132
NT3	tin 130	NT3	fermium 256	NT3	fluorine 14
NT3	tin 131	NT3	fluorine 18	NT3	germanium 62
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NT3	tungsten 175	NT3	francium 216	NT3	iron 45
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NT3	tungsten 190	NT3	germanium 86	NT3	manganese 45
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NT3	vanadium 41	NT3	cadmium 124	NT3	einsteinium 243
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NT3	zinc 55	NT3	cadmium 98	NT3	erbium 146
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NT3	actinium 235	NT3	californium 239	NT3	erbium 152
NT3	aluminium 24	NT3	carbon 10	NT3	erbium 153
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NT3	aluminium 26	NT3	cerium 121	NT3	erbium 176
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NT3	antimony 106	NT3	cerium 126	NT3	europium 139
NT3	antimony 107	NT3	cerium 127	NT3	europium 140
NT3	antimony 108	NT3	cerium 135	NT3	europium 141
NT3	antimony 109	NT3	cerium 139	NT3	europium 142
NT3	antimony 110	NT3	cerium 147	NT3	europium 144
NT3	antimony 112	NT3	cerium 148	NT3	europium 160
NT3	antimony 126	NT3	cerium 149	NT3	europium 161
NT3	antimony 134	NT3	cerium 150	NT3	europium 162
NT3	antimony 135	NT3	cerium 151	NT3	europium 163
NT3	argon 35	NT3	cerium 152	NT3	europium 164
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NT3	argon 46	NT3	cesium 116	NT3	fermium 246
NT3	arsenic 67	NT3	cesium 117	NT3	fermium 247
NT3	arsenic 80	NT3	cesium 118	NT3	fermium 248
NT3	arsenic 81	NT3	cesium 119	NT3	fermium 250
NT3	arsenic 82	NT3	cesium 122	NT3	fermium 259
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NT3	arsenic 85	NT3	cesium 136	NT3	fluorine 21
NT3	astatine 198	NT3	cesium 141	NT3	fluorine 22
NT3	astatine 199	NT3	cesium 142	NT3	fluorine 23
NT3	astatine 200	NT3	cesium 143	NT3	francium 204
NT3	astatine 202	NT3	cesium 144	NT3	francium 205
NT3	astatine 218	NT3	chlorine 33	NT3	francium 206
NT3	astatine 219	NT3	chlorine 34	NT3	francium 207
NT3	astatine 222	NT3	chlorine 38	NT3	francium 208
NT3	astatine 223	NT3	chlorine 41	NT3	francium 209
NT3	barium 117	NT3	chromium 57	NT3	francium 213
NT3	barium 118	NT3	chromium 58	NT3	francium 220
NT3	barium 119	NT3	chromium 59	NT3	francium 226
NT3	barium 120	NT3	cobalt 63	NT3	francium 228
NT3	barium 121	NT3	cobalt 65	NT3	francium 229
NT3	barium 127	NT3	copernicium 285	NT3	francium 230
NT3	barium 143	NT3	copper 58	NT3	francium 231
NT3	barium 144	NT3	copper 68	NT3	francium 232
NT3	barium 145	NT3	copper 70	NT3	gadolinium 135
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NT3	berkelium 235	NT3	copper 72	NT3	gadolinium 141
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NT3	bismuth 189	NT3	copper 74	NT3	gadolinium 164
NT3	bismuth 190	NT3	copper 75	NT3	gadolinium 165
NT3	bismuth 191	NT3	dubnium 255	NT3	gadolinium 166
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NT3	bismuth 193	NT3	dubnium 257	NT3	gadolinium 169
NT3	bismuth 198	NT3	dubnium 258	NT3	gallium 63
NT3	bismuth 217	NT3	dubnium 259	NT3	gallium 74
NT3	bismuth 218	NT3	dubnium 260	NT3	gallium 76
NT3	bohrium 266	NT3	dubnium 261	NT3	gallium 77
NT3	bohrium 267	NT3	dubnium 262	NT3	gallium 78
NT3	bohrium 271	NT3	dubnium 263	NT3	gallium 79
NT3	bohrium 272	NT3	dysprosium 140	NT3	gallium 80
NT3	bromine 71	NT3	dysprosium 141	NT3	gallium 81
NT3	bromine 76	NT3	dysprosium 142	NT3	germanium 65
NT3	bromine 79	NT3	dysprosium 143	NT3	germanium 75
NT3	bromine 86	NT3	dysprosium 144	NT3	germanium 77
NT3	bromine 87	NT3	dysprosium 145	NT3	germanium 79
NT3	bromine 88	NT3	dysprosium 146	NT3	germanium 80
NT3	bromine 89	NT3	dysprosium 147	NT3	germanium 81

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NT3	germanium 84	NT3	iridium 171	NT3	molybdenum 106
NT3	gold 176	NT3	iridium 172	NT3	molybdenum 107
NT3	gold 177	NT3	iridium 173	NT3	molybdenum 108
NT3	gold 178	NT3	iridium 174	NT3	molybdenum 110
NT3	gold 179	NT3	iridium 175	NT3	molybdenum 86
NT3	gold 180	NT3	iridium 176	NT3	molybdenum 87
NT3	gold 181	NT3	iridium 177	NT3	neodymium 127
NT3	gold 182	NT3	iridium 178	NT3	neodymium 129
NT3	gold 183	NT3	iridium 191	NT3	neodymium 130
NT3	gold 184	NT3	iridium 196	NT3	neodymium 131
NT3	gold 193	NT3	iridium 198	NT3	neodymium 137
NT3	gold 195	NT3	iridium 199	NT3	neodymium 153
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NT3	gold 197	NT3	iron 52	NT3	neodymium 155
NT3	gold 202	NT3	iron 63	NT3	neodymium 156
NT3	gold 203	NT3	iron 64	NT3	neon 18
NT3	gold 204	NT3	krypton 72	NT3	neon 19
NT3	gold 205	NT3	krypton 73	NT3	neon 23
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NT3	hafnium 158	NT3	krypton 81	NT3	nickel 69
NT3	hafnium 159	NT3	krypton 90	NT3	nickel 70
NT3	hafnium 160	NT3	krypton 91	NT3	nickel 71
NT3	hafnium 161	NT3	krypton 92	NT3	nickel 72
NT3	hafnium 162	NT3	krypton 93	NT3	nickel 74
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NT3	hafnium 179	NT3	lanthanum 121	NT3	niobium 103
NT3	hafnium 187	NT3	lanthanum 122	NT3	niobium 104
NT3	hafnium 188	NT3	lanthanum 123	NT3	niobium 105
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NT3	hassium 270	NT3	lanthanum 144	NT3	niobium 83
NT3	hassium 271	NT3	lanthanum 145	NT3	niobium 84
NT3	hassium 272	NT3	lanthanum 146	NT3	niobium 85
NT3	holmium 145	NT3	lanthanum 147	NT3	niobium 90
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NT3	holmium 148	NT3	lanthanum 149	NT3	niobium 98
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NT3	holmium 151	NT3	lawrencium 254	NT3	nitrogen 17
NT3	holmium 152	NT3	lawrencium 255	NT3	nobelium 252
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NT3	holmium 161	NT3	lawrencium 258	NT3	nobelium 256
NT3	holmium 163	NT3	lawrencium 259	NT3	nobelium 257
NT3	holmium 170	NT3	lead 185	NT3	osmium 168
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NT3	holmium 172	NT3	lead 187	NT3	osmium 170
NT3	holmium 173	NT3	lead 188	NT3	osmium 171
NT3	holmium 174	NT3	lead 189	NT3	osmium 172
NT3	holmium 175	NT3	lead 203	NT3	osmium 173
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NT3	indium 104	NT3	lutetium 158	NT3	osmium 199
NT3	indium 105	NT3	lutetium 159	NT3	osmium 200
NT3	indium 107	NT3	lutetium 160	NT3	oxygen 19
NT3	indium 116	NT3	lutetium 183	NT3	oxygen 20
NT3	indium 118	NT3	lutetium 184	NT3	oxygen 21
NT3	indium 120	NT3	magnesium 22	NT3	oxygen 22
NT3	indium 121	NT3	magnesium 23	NT3	palladium 107
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NT3	indium 123	NT3	manganese 58	NT3	palladium 116
NT3	indium 124	NT3	manganese 59	NT3	palladium 117
NT3	indium 125	NT3	manganese 60	NT3	palladium 118
NT3	indium 126	NT3	meitnerium 271	NT3	palladium 93
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NT3	tin 133	NT3	californium 246	NT3	rutherfordium 257
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NT3	tungsten 163	NT3	californium 254	NT3	rutherfordium 262
NT3	tungsten 164	NT3	californium 256	NT3	rutherfordium 263
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NT3	vanadium 55	NT3	curium 245	NT3	seaborgium 265
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NT2	zirconium 96	NT2	technetium 114	NT2	terbium 153
NT1	sulfur isotopes	NT2	technetium 115	NT2	terbium 154
NT2	sulfur 24	NT2	technetium 116	NT2	terbium 155
NT2	sulfur 26	NT2	technetium 117	NT2	terbium 156
NT2	sulfur 27	NT2	technetium 118	NT2	terbium 157
NT2	sulfur 28	NT2	technetium 85	NT2	terbium 158
NT2	sulfur 29	NT2	technetium 86	NT2	terbium 159
NT2	sulfur 30	NT2	technetium 87	NT2	terbium 160
NT2	sulfur 31	NT2	technetium 88	NT2	terbium 161
NT2	sulfur 32	NT2	technetium 89	NT2	terbium 162
NT2	sulfur 33	NT2	technetium 90	NT2	terbium 163
NT2	sulfur 34	NT2	technetium 91	NT2	terbium 164
NT2	sulfur 35	NT2	technetium 92	NT2	terbium 165
NT2	sulfur 36	NT2	technetium 93	NT2	terbium 166
NT2	sulfur 37	NT2	technetium 94	NT2	terbium 167
NT2	sulfur 38	NT2	technetium 95	NT2	terbium 168
NT2	sulfur 39	NT2	technetium 96	NT2	terbium 169
NT2	sulfur 40	NT2	technetium 97	NT2	terbium 170
NT2	sulfur 41	NT2	technetium 98	NT2	terbium 171
NT2	sulfur 42	NT2	technetium 99	NT1	thallium isotopes
NT2	sulfur 43	NT1	tellurium isotopes	NT2	thallium 176
NT2	sulfur 44	NT2	tellurium 105	NT2	thallium 177
NT2	sulfur 45	NT2	tellurium 106	NT2	thallium 178
NT2	sulfur 46	NT2	tellurium 107	NT2	thallium 179
NT2	sulfur 47	NT2	tellurium 108	NT2	thallium 180

NT2 thallium 181
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 NT1 thorium isotopes
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 NT2 thorium 237
 NT2 thorium 238
 NT1 thulium isotopes
 NT2 thulium 144
 NT2 thulium 145
 NT2 thulium 146
 NT2 thulium 147
 NT2 thulium 148
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 NT1 tin isotopes
 NT2 tin 100
 NT2 tin 101
 NT2 tin 102
 NT2 tin 103
 NT2 tin 104
 NT2 tin 105
 NT2 tin 106
 NT2 tin 107
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 NT2 tin 109
 NT2 tin 110
 NT2 tin 111
 NT2 tin 112
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 NT2 tin 116
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 NT2 tin 127
 NT2 tin 128
 NT2 tin 129
 NT2 tin 130
 NT2 tin 131
 NT2 tin 132
 NT2 tin 133
 NT2 tin 134
 NT2 tin 135
 NT2 tin 136
 NT2 tin 137
 NT2 tin 99
 NT1 titanium isotopes
 NT2 titanium 38
 NT2 titanium 39
 NT2 titanium 40
 NT2 titanium 41
 NT2 titanium 42
 NT2 titanium 43
 NT2 titanium 44
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NT2 titanium 54
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 NT2 titanium 60
 NT2 titanium 61
 NT2 titanium 62
 NT2 titanium 63
 NT1 tungsten isotopes
 NT2 tungsten 157
 NT2 tungsten 158
 NT2 tungsten 159
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 NT1 uranium isotopes
 NT2 uranium 217
 NT2 uranium 218
 NT2 uranium 219
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 NT2 uranium 226
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 NT1 vanadium isotopes
 NT2 vanadium 40
 NT2 vanadium 41
 NT2 vanadium 42
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NT2 vanadium 44
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 NT2 vanadium 61
 NT2 vanadium 62
 NT2 vanadium 63
 NT2 vanadium 64
 NT2 vanadium 65
 NT2 vanadium 66
 NT1 xenon isotopes
 NT2 xenon 109
 NT2 xenon 110
 NT2 xenon 111
 NT2 xenon 112
 NT2 xenon 113
 NT2 xenon 114
 NT2 xenon 115
 NT2 xenon 116
 NT2 xenon 117
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 NT2 xenon 140
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 NT2 xenon 142
 NT2 xenon 143
 NT2 xenon 144
 NT2 xenon 145
 NT2 xenon 146
 NT2 xenon 147
 NT1 ytterbium isotopes
 NT2 ytterbium 148
 NT2 ytterbium 149
 NT2 ytterbium 150
 NT2 ytterbium 151
 NT2 ytterbium 152
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 NT2 ytterbium 181
 NT1 yttrium isotopes
 NT2 yttrium 100
 NT2 yttrium 101
 NT2 yttrium 102
 NT2 yttrium 103
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 NT2 yttrium 106
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 NT1 zinc isotopes
 NT2 zinc 54
 NT2 zinc 55
 NT2 zinc 56
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 NT2 zinc 76
 NT2 zinc 77
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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
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 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

isptra-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

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 jaei

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.
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 mochovece 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

jejunum

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.
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

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 electroslog 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

- 2019-10-28
- 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,
Cadaraache, 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

UF ukaea-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 wwer 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 Nabhiya 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 kazakhstan

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 kazakhstan 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

kazakhstan

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

kepco oshima oi-1 reactor

USE oi-1 reactor

kepco 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

KHMELNITSKIJ-1 REACTOR

INIS: 1989-09-14; ETDE: 1989-10-16

Ukraine.Netishyn, Khmelnytskyi, Ukraine.

UF khmelnitski-1 reactor

*BT1 wwr type reactors

KHMELNITSKIJ-2 REACTOR

2017-10-30

Netishyn, Khmelnytskyi, Ukraine.

UF khmelnitski-2 reactor

*BT1 wwr 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

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-*t_c* 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.*

*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 wwer type reactors

KUDANKULAM-2 REACTOR

2005-07-22
Nuclear Power Corporation of India Ltd., Kudankulam, Tamil Nadu, India.
*BT1 wwer type reactors

KUHFR 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 prnc-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-1830 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 LAMBDA C 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 IMPLSIONS

UF thermonuclear implsions (laser)
 BT1 implsions
 NT1 direct drive laser implsion
 NT1 indirect drive laser implsion
 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 implsion
 RT indirect drive laser implsion
 RT laser implsions
 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 implsion
 RT indirect drive laser implsion
 RT laser implsions
 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 implsion
 RT electron beam targets
 RT indirect drive laser implsion
 RT inertial confinement
 RT ion beam targets
 RT laser implsions
 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 tlatelolco 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 terne-metal
- NT1 lead-bismuth eutectic

- NT1 lichtenberg alloy
- NT1 newton-metal
- NT1 ounce metal
- NT1 rose-metal

LEAD BASE ALLOYS

- *BT1 lead alloys
- NT1 terne-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.

- *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
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- 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 pcotpl
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 vcoclnd

liability conv on third party, brussels

2000-04-12

USE bcstpc

liability conv on third party, paris

2000-04-12

USE pcotpl

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

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 nsls
 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

Transhipment 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 lhec
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
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 cerebrosides
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

lipoic acid (alpha)

USE thioctic acid

LIPOLYPSACCHARIDES

*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 hydrolysis 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 ncscr-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 lmfb 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 ffr 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 lprr reactor

LIVERMORIUM

2013-06-05

Prior to June 2013 ELEMENT 116 was used for this element.

UF aka-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

lixivation

- 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

lng

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

lng 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-crmo
- 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-ni3crmo
- NT2 steel-astm-a543
- NT1 steel-ni3crmov
- NT1 steel-ni4crw
- NT1 steel-nicr
- NT1 steel-nicrmo
- 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 mochovce 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 hwgr 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

NT2 electrodeposition

NT3 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 stoerner 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

magnetoelectricity

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

MAGNETOPOUSE

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

MAGNETOTAIL

1999-04-28

*BT1 earth magnetosphere

RT geomagnetic field

RT international magnetospheric study

RT plasma sheet

RT plasmopause

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 alooe

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 pusapati

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-40kh13n8g8

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 alumel

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-mncumo

NT2 steel-astm-a537

NT1 steel-mnmo

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-hugenholtz 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 conformal 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-x6cmi1811
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-cr2moninb
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 lodochnikite
NT4 lyndochite
NT4 mackintoshite
NT4 maitlandite
NT4 monazites
NT4 naegite
NT4 thorianite
NT4 thorite
NT5 jiningite
NT4 thucholite
NT4 uranothorite
NT3 uranium minerals
NT4 autunite
NT4 bassetite
NT4 becquerelite
NT4 billietite
NT4 brannerite
NT4 carnotite
NT4 clarkite
NT4 coffinite
NT4 compregnacite
NT4 dewindite
NT4 diderichite
NT4 djalmaitite
NT4 ekanite
NT4 ellsworthite
NT4 ferghanite
NT4 fourmarierite
NT4 gastunite
NT4 guillemite
NT4 hallimondite
NT4 heinrichite
NT4 ianthinite
NT4 kahlerite
NT4 kirchheimerite
NT4 lodochnikite
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 uranothorite
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 subterrene 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 dmtr 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 hwrr reactor
 NT1 igr reactor
 NT1 ivv-2m reactor
 NT1 jmr 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 feynman 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 feynman 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 prnc-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 mnrr 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** synchroclotrons

**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 pyrhemometers

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 nisus 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 LMFB radioisotope wastes.
 (Prior to January 1995, this was a valid ETDE descriptor.)
 SEE lmfb 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

mehrzwck-forschungsreaktor

USE mzf 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-OCHSENFELD 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 unnillennium

*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
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- 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 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

NT1 mercury 185

NT1 mercury 186

NT1 mercury 187

NT1 mercury 188

NT1 mercury 189

NT1 mercury 190

NT1 mercury 191

NT1 mercury 192

NT1 mercury 193

NT1 mercury 194

NT1 mercury 195

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*

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

MESONS

UF 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 ebora 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 biothermegas 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 glycosoll

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 methylidene radicals**BT1 radicals***methylidene 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 schwarzschild 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 REACTORUSA 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-02INIS: 2000-04-12; ETDE: 1979-05-02
Natural-gas fired MHD test facility in the
Russian Federation.

*BT1 mhd generators

MHD GENERATOR U-25INIS: 2000-04-12; ETDE: 1979-05-02
Natural-gas fired MHD pilot plant in the
Russian Federation.

*BT1 mhd generators

MHD GENERATOR UTSIINIS: 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 achleoplasma 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 oapcc

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 September 1994, 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

MILLINGFor milling in the sense of pulverization, use
COMMINUTION.

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 uraninites

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 lodochnikite

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 compreignacite

NT3 dewindite

NT3 diderichite

NT3 djalmaite

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 uraninites

NT4 broeggerite

NT4 pitchblende

NT3 uranium black

NT3 uranophane

NT3 uranorhorite

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 chalcopyrite
 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
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 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
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 NT1 lutetium 166
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 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
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 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
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 NT1 molybdenum 88
 NT1 molybdenum 89
 NT1 molybdenum 91
 NT1 neodymium 132
 NT1 neodymium 133
 NT1 neodymium 134
 NT1 neodymium 135
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 NT1 neodymium 137
 NT1 neodymium 139
 NT1 neodymium 141
 NT1 neodymium 151
 NT1 neodymium 152
 NT1 neon 24
 NT1 neptunium 229
 NT1 neptunium 230
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 NT1 neptunium 240
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 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
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 NT1 osmium 179
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 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
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 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
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 NT1 thorium 225
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 NT1 thorium 237
 NT1 thulium 156
 NT1 thulium 157
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NT1 thulium 164
 NT1 thulium 174
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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* melekess-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 ciae

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

Shenzhen Univ., China.

UF shenzhen 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 slc prototype reactor

NT1 space power reactors

NT2 snap reactors

NT3 snap 10 reactor

NT4 sl0fs-1 reactor

NT4 sl0fs-3 reactor

NT4 sl0fs-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-ni3crmvmov
- 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-ni3crmvmov
 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 radioimmunosciintigraphy

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 bcoclmcnm

NT1 bcolons

NT1 bcstpc

NT1 canare

NT1 cenna

NT1 cppnm

NT1 cscnd

NT1 international convention on nuclear safety

NT1 kyoto protocol

NT1 lcprmpdpw

NT1 paris agreement

NT1 pcotpl

NT1 rio declaration

NT1 solas convention

NT1 unfccc

NT1 vcoclnd

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

multi-photon 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 glauher 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: 1988-10-13; 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 dumand 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 sigalog

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

MYCELIIUM

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 arn
 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 nmsa
 NT2 ciae

NT1 colombian organizations
 NT2 ian
 NT1 croatian organizations
 NT1 cuban organizations
 NT1 czech organizations
 NT2 subj
 NT2 uvj
 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 paraguay organizations
 NT2 paraguay 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 ihp
 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 mochovcce

2002-12-17

USE mochovcce 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 antimitotic 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 antimitotic 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* antimitotic 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-ernst effect

UF ernst-ettinghausen effect

RT ettingshausen effect

RT hall effect

RT rigghi-leduc effect

nernst-ettinghausen effect

USE ernst 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.
 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

neuberberg 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.
 RT artificial intelligence
 RT computer architecture
 RT expert systems
 RT genetic algorithms

neuridine

USE spermine

NEUROLOGY

BT1 medicine
 RT nervous 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
 RT parasympatholytics
 RT parasympathomimetics
 RT sympatholytics
 RT sympathomimetics

NEUROSPORA

*BT1 eumycota

NEUTRAL ATOM BEAM INJECTION

BT1 beam injection
 RT atomic beam sources
 RT neutral beam sources

NEUTRAL BEAM SOURCES

INIS: 1982-11-30; ETDE: 1977-03-04
Not for subatomic species.
 NT1 atomic beam sources
 RT ion sources

RT neutral atom beam injection

NEUTRAL-CURRENT INTERACTIONS

1995-08-10

*BT1 particle interactions
RT fundamental interactions
RT neutral currents
RT weinberg angle

NEUTRAL CURRENTS

UF currents (*neutral*)
*BT1 algebraic currents
NT1 weak neutral currents
RT charged currents
RT electromagnetic interactions
RT neutral-current interactions
RT weak interactions

NEUTRAL PARTICLE ANALYZERS

INIS: 2000-04-12; ETDE: 1997-08-30

*BT1 spectrometers
RT charge exchange
RT plasma 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
RT neutral particles

NEUTRAL PARTICLES

See also the list under *ELEMENTARY PARTICLES*.

RT missing mass
RT missing-mass spectrometers
RT neutral-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 duman project
RT neutrino detectors
RT sudbury neutrino observatory

NEUTRINO DETECTORS

2016-12-12

*BT1 radiation detectors
NT1 baikal neutrino telescope
NT1 borexino detector
NT1 icecube 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 doseimeters
RT bubble doseimeters
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 tetraneutrons
 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-ni26cr15ti2mova1b
 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
 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-crni
 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-ni3crm
 NT2 steel-astm-a543
 NT1 steel-ni3crm
 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 alumei
 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 knn 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

nigella

USE ranunculaceae

NIGERBT1 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 SKYINIS: 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 MODELUF 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 SATELLITESINIS: 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-ni65cr25mo10NT2 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

NIOBIMUM 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

NIOBIMUM 93 REACTIONS

- INIS: 1976-01-28; ETDE: 1976-03-12
- *BT1 heavy ion reactions
 - RT niobium 93

NIOBIMUM 93 TARGET

- ETDE: 1976-07-09
- BT1 targets

NIOBIMUM 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

NIOBIMUM 94 TARGET

- INIS: 1976-10-07; ETDE: 1976-11-01
- BT1 targets

NIOBIMUM 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

NIOBIMUM 95 TARGET

- INIS: 1979-11-02; ETDE: 1979-01-30
- BT1 targets

NIOBIMUM 96

- *BT1 beta-minus decay radioisotopes
- *BT1 hours living radioisotopes
- *BT1 intermediate mass nuclei
- *BT1 niobium isotopes
- *BT1 odd-odd nuclei

NIOBIMUM 96 TARGET

- INIS: 1976-10-07; ETDE: 1976-11-01
- BT1 targets

NIOBIMUM 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

NIOBIMUM 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

NIOBIMUM 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

NIOBIMUM 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

NIOBIMUM 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

NIOBIMUM-ALPHA

- *BT1 niobium

NIOBIMUM ARSENIDES

- INIS: 1982-08-27; ETDE: 1982-05-24
- *BT1 arsenides
 - *BT1 niobium compounds

NIOBIMUM 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

NIOBIMUM-BETA

- *BT1 niobium

NIOBIMUM BORIDES

- *BT1 borides
- *BT1 niobium compounds

NIOBIMUM BROMIDES

- *BT1 bromides
- *BT1 niobium compounds
- *BT1 niobium halides

NIOBIMUM CARBIDES

- *BT1 carbides
- *BT1 niobium compounds

NIOBIMUM CHLORIDES

- *BT1 chlorides
- *BT1 niobium compounds
- *BT1 niobium halides

NIOBIMUM COMPLEXES

- *BT1 transition element complexes

NIOBIMUM 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 nigeria 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

nitriolotriacetic 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 DIOXIDE

INIS: 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 nitrogen 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 nitrosourea
NT1 nitrosamines
NT1 nitroso-r salt
NT1 nitrosoureas

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 *beznaue-1 reactor*

nok-2 reactor

Nordost Schweizerische Kraftwerke AG-2 reactor.

USE *beznaue-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 ctb
 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 LLL 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

nrt-etr reactor

USE etr reactor

nrt-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 1993.

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 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 SIBIR

INIS: 1985-09-09; ETDE: 1985-10-10

UF *sibir (nuclear ship)*
 *BT1 nuclear ships
 RT *sibir reactor*

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 *nitrilotriacetic 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 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 *vcocldn*

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 *vcocldn*

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 ctb
 RT ctbto
 RT fmct
 RT nuclear freeze
 RT nuclear weapons
 RT nuclear weapons dismantlement
 RT safeguards
 RT salt tanks

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 ctb
 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 ctb
 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

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

NT2 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

NT3 plant

NT3 rokkasho uranium enrichment

NT3 plant

NT2 gaseous diffusion plants

NT3 orgdp

NT3 paducah plant

NT3 portsmouth gaseous diffusion

NT3 plant

NT2 heavy water plants

NT2 tritium extraction plants

NT1 kyshtym plant

NT1 mayak plant

NT1 mochovce liquid raw final treatment

NT1 facility

NT1 nuclear power plants

NT2 bopssar standard plant

NT2 ebasco standard plant

NT2 gibbsar standard plant
 NT2 offshore nuclear power plants
 NT2 swessar standard plant
 NT2 underground nuclear stations

NT1 radioactive waste facilities

NT2 asse salt mine

NT2 aube plant

NT2 bohunice radioactive waste

NT2 processing center

NT2 gorleben salt dome

NT2 hades underground research facility

NT2 konrad ore mine

NT2 manche plant

NT2 mochovce liquid raw final

NT2 treatment facility

NT2 mochovce radioactive waste

NT2 repository

NT2 morsleben salt mine

NT2 pamela plant

NT2 vaalputs radioactive waste disposal

NT2 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 firestreak 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 ctbt

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 vcoclnd

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
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 nsrr 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 enrico fermi

NT1 ns lenin

NT1 ns leonid brezhnev

NT1 ns sibir

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 ctbt
 RT ctbtto
 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 tlattelolco treaty
 RT unidir

nuclear weapons, latin american prohibition treaty

INIS: 1993-11-09; ETDE: 2002-04-17

USE tlattelolco 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
 NT2 argon 44
 NT2 argon 46
 NT2 argon 48
 NT2 argon 50
 NT2 argon 52
 NT2 barium 114
 NT2 barium 116
 NT2 barium 118
 NT2 barium 120
 NT2 barium 122
 NT2 barium 124
 NT2 barium 126
 NT2 barium 128
 NT2 barium 130
 NT2 barium 132
 NT2 barium 134
 NT2 barium 136
 NT2 barium 138
 NT2 barium 140
 NT2 barium 142
 NT2 barium 144
 NT2 barium 146
 NT2 barium 148
 NT2 barium 150
 NT2 barium 152
 NT2 beryllium 10
 NT2 beryllium 12
 NT2 beryllium 14
 NT2 beryllium 16
 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
 NT2 cadmium 120
 NT2 cadmium 122
 NT2 cadmium 124
 NT2 cadmium 126
 NT2 cadmium 128
 NT2 cadmium 130
 NT2 cadmium 132
 NT2 cadmium 96
 NT2 cadmium 98
 NT2 calcium 34
 NT2 calcium 36
 NT2 calcium 38
 NT2 calcium 40
 NT2 calcium 42
 NT2 calcium 44
 NT2 calcium 46
 NT2 calcium 48
 NT2 calcium 50
 NT2 calcium 52
 NT2 calcium 54
 NT2 calcium 56
 NT2 calcium 58
 NT2 calcium 60
 NT2 californium 236
 NT2 californium 238
 NT2 californium 240
 NT2 californium 242
 NT2 californium 244
 NT2 californium 246
 NT2 californium 248
 NT2 californium 250
 NT2 californium 252
 NT2 californium 254
 NT2 californium 256
 NT2 carbon 10
 NT2 carbon 12
 NT2 carbon 14
 NT2 carbon 16
 NT2 carbon 18
 NT2 carbon 20
 NT2 carbon 22
 NT2 carbon 8
 NT2 cerium 120
 NT2 cerium 122
 NT2 cerium 124
 NT2 cerium 126
 NT2 cerium 128
 NT2 cerium 130
 NT2 cerium 132
 NT2 cerium 134
 NT2 cerium 136
 NT2 cerium 138
 NT2 cerium 140
 NT2 cerium 142
 NT2 cerium 144
 NT2 cerium 146
 NT2 cerium 148
 NT2 cerium 150
 NT2 cerium 152
 NT2 cerium 154
 NT2 cerium 156
 NT2 chromium 42
 NT2 chromium 44
 NT2 chromium 46
 NT2 chromium 48
 NT2 chromium 50
 NT2 chromium 52
 NT2 chromium 54
 NT2 chromium 56
 NT2 chromium 58
 NT2 chromium 60

NT2 chromium 62
 NT2 chromium 64
 NT2 chromium 66
 NT2 chromium 68
 NT2 copernicium 278
 NT2 copernicium 282
 NT2 copernicium 284
 NT2 curium 232
 NT2 curium 234
 NT2 curium 236
 NT2 curium 238
 NT2 curium 240
 NT2 curium 242
 NT2 curium 244
 NT2 curium 246
 NT2 curium 248
 NT2 curium 250
 NT2 curium 252
 NT2 darmstadtium 270
 NT2 darmstadtium 272
 NT2 dysprosium 138
 NT2 dysprosium 140
 NT2 dysprosium 142
 NT2 dysprosium 144
 NT2 dysprosium 146
 NT2 dysprosium 148
 NT2 dysprosium 150
 NT2 dysprosium 152
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 NT2 dysprosium 162
 NT2 dysprosium 164
 NT2 dysprosium 166
 NT2 dysprosium 168
 NT2 dysprosium 170
 NT2 dysprosium 172
 NT2 element 124 312
 NT2 erbium 144
 NT2 erbium 146
 NT2 erbium 148
 NT2 erbium 150
 NT2 erbium 152
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 NT2 erbium 164
 NT2 erbium 166
 NT2 erbium 168
 NT2 erbium 170
 NT2 erbium 172
 NT2 erbium 174
 NT2 erbium 176
 NT2 fermium 242
 NT2 fermium 244
 NT2 fermium 246
 NT2 fermium 248
 NT2 fermium 250
 NT2 fermium 252
 NT2 fermium 254
 NT2 fermium 256
 NT2 fermium 258
 NT2 fermium 260
 NT2 fermium 264
 NT2 flerovium 286
 NT2 flerovium 288
 NT2 flerovium 292
 NT2 gadolinium 134
 NT2 gadolinium 136
 NT2 gadolinium 138
 NT2 gadolinium 140
 NT2 gadolinium 142
 NT2 gadolinium 144
 NT2 gadolinium 146
 NT2 gadolinium 148
 NT2 gadolinium 150

NT2 gadolinium 152
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 NT2 gadolinium 166
 NT2 gadolinium 168
 NT2 germanium 58
 NT2 germanium 60
 NT2 germanium 62
 NT2 germanium 64
 NT2 germanium 66
 NT2 germanium 68
 NT2 germanium 70
 NT2 germanium 72
 NT2 germanium 74
 NT2 germanium 76
 NT2 germanium 78
 NT2 germanium 80
 NT2 germanium 82
 NT2 germanium 84
 NT2 germanium 86
 NT2 germanium 88
 NT2 hafnium 154
 NT2 hafnium 156
 NT2 hafnium 158
 NT2 hafnium 160
 NT2 hafnium 162
 NT2 hafnium 164
 NT2 hafnium 166
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 NT2 hafnium 178
 NT2 hafnium 180
 NT2 hafnium 182
 NT2 hafnium 184
 NT2 hafnium 186
 NT2 hafnium 188
 NT2 hassium 264
 NT2 hassium 266
 NT2 hassium 270
 NT2 hassium 272
 NT2 hassium 274
 NT2 hassium 276
 NT2 helium 10
 NT2 helium 2
 NT2 helium 4
 NT3 helium i
 NT3 helium ii
 NT2 helium 6
 NT2 helium 8
 NT2 iron 46
 NT2 iron 48
 NT2 iron 50
 NT2 iron 52
 NT2 iron 54
 NT2 iron 56
 NT2 iron 58
 NT2 iron 60
 NT2 iron 62
 NT2 iron 64
 NT2 iron 66
 NT2 iron 68
 NT2 iron 70
 NT2 iron 72
 NT2 krypton 100
 NT2 krypton 70
 NT2 krypton 72
 NT2 krypton 74
 NT2 krypton 76
 NT2 krypton 78
 NT2 krypton 80
 NT2 krypton 82
 NT2 krypton 84

NT2	krypton 86	NT2	neodymium 128	NT2	oxygen 24
NT2	krypton 88	NT2	neodymium 130	NT2	oxygen 26
NT2	krypton 90	NT2	neodymium 132	NT2	oxygen 28
NT2	krypton 92	NT2	neodymium 134	NT2	palladium 100
NT2	krypton 94	NT2	neodymium 136	NT2	palladium 102
NT2	krypton 96	NT2	neodymium 138	NT2	palladium 104
NT2	krypton 98	NT2	neodymium 140	NT2	palladium 106
NT2	lead 178	NT2	neodymium 142	NT2	palladium 108
NT2	lead 180	NT2	neodymium 144	NT2	palladium 110
NT2	lead 182	NT2	neodymium 146	NT2	palladium 112
NT2	lead 184	NT2	neodymium 148	NT2	palladium 114
NT2	lead 186	NT2	neodymium 150	NT2	palladium 116
NT2	lead 188	NT2	neodymium 152	NT2	palladium 118
NT2	lead 190	NT2	neodymium 154	NT2	palladium 120
NT2	lead 192	NT2	neodymium 156	NT2	palladium 122
NT2	lead 194	NT2	neodymium 158	NT2	palladium 124
NT2	lead 196	NT2	neodymium 160	NT2	palladium 92
NT2	lead 198	NT2	neon 16	NT2	palladium 94
NT2	lead 200	NT2	neon 18	NT2	palladium 96
NT2	lead 202	NT2	neon 20	NT2	palladium 98
NT2	lead 204	NT2	neon 22	NT2	platinum 166
NT2	lead 206	NT2	neon 24	NT2	platinum 168
NT2	lead 208	NT2	neon 26	NT2	platinum 170
NT2	lead 210	NT2	neon 28	NT2	platinum 172
NT2	lead 212	NT2	neon 30	NT2	platinum 174
NT2	lead 214	NT2	neon 32	NT2	platinum 176
NT2	lead 216	NT2	neon 34	NT2	platinum 178
NT2	livermorium 290	NT2	nickel 48	NT2	platinum 180
NT2	livermorium 292	NT2	nickel 50	NT2	platinum 182
NT2	magnesium 20	NT2	nickel 52	NT2	platinum 184
NT2	magnesium 22	NT2	nickel 54	NT2	platinum 186
NT2	magnesium 24	NT2	nickel 56	NT2	platinum 188
NT2	magnesium 26	NT2	nickel 58	NT2	platinum 190
NT2	magnesium 28	NT2	nickel 60	NT2	platinum 192
NT2	magnesium 30	NT2	nickel 62	NT2	platinum 194
NT2	magnesium 32	NT2	nickel 64	NT2	platinum 196
NT2	magnesium 34	NT2	nickel 66	NT2	platinum 198
NT2	magnesium 36	NT2	nickel 68	NT2	platinum 200
NT2	magnesium 38	NT2	nickel 70	NT2	platinum 202
NT2	magnesium 40	NT2	nickel 72	NT2	platinum 204
NT2	mercury 172	NT2	nickel 74	NT2	platinum 206
NT2	mercury 174	NT2	nickel 76	NT2	platinum 208
NT2	mercury 176	NT2	nickel 78	NT2	plutonium 228
NT2	mercury 178	NT2	nickel 80	NT2	plutonium 230
NT2	mercury 180	NT2	nobelium 248	NT2	plutonium 232
NT2	mercury 182	NT2	nobelium 250	NT2	plutonium 234
NT2	mercury 184	NT2	nobelium 252	NT2	plutonium 236
NT2	mercury 186	NT2	nobelium 254	NT2	plutonium 238
NT2	mercury 188	NT2	nobelium 256	NT2	plutonium 240
NT2	mercury 190	NT2	nobelium 258	NT2	plutonium 242
NT2	mercury 192	NT2	nobelium 260	NT2	plutonium 244
NT2	mercury 194	NT2	nobelium 262	NT2	plutonium 246
NT2	mercury 196	NT2	nobelium 264	NT2	plutonium 248
NT2	mercury 198	NT2	oganesson 294	NT2	plutonium 250
NT2	mercury 200	NT2	osmium 162	NT2	polonium 186
NT2	mercury 202	NT2	osmium 164	NT2	polonium 188
NT2	mercury 204	NT2	osmium 166	NT2	polonium 190
NT2	mercury 206	NT2	osmium 168	NT2	polonium 192
NT2	mercury 208	NT2	osmium 170	NT2	polonium 194
NT2	mercury 210	NT2	osmium 172	NT2	polonium 196
NT2	mercury 212	NT2	osmium 174	NT2	polonium 198
NT2	molybdenum 100	NT2	osmium 176	NT2	polonium 200
NT2	molybdenum 102	NT2	osmium 178	NT2	polonium 202
NT2	molybdenum 104	NT2	osmium 180	NT2	polonium 204
NT2	molybdenum 106	NT2	osmium 182	NT2	polonium 206
NT2	molybdenum 108	NT2	osmium 184	NT2	polonium 208
NT2	molybdenum 110	NT2	osmium 186	NT2	polonium 210
NT2	molybdenum 112	NT2	osmium 188	NT2	polonium 212
NT2	molybdenum 114	NT2	osmium 190	NT2	polonium 214
NT2	molybdenum 84	NT2	osmium 192	NT2	polonium 216
NT2	molybdenum 86	NT2	osmium 194	NT2	polonium 218
NT2	molybdenum 88	NT2	osmium 196	NT2	polonium 220
NT2	molybdenum 90	NT2	osmium 200	NT2	radium 202
NT2	molybdenum 92	NT2	oxygen 12	NT2	radium 204
NT2	molybdenum 94	NT2	oxygen 14	NT2	radium 206
NT2	molybdenum 96	NT2	oxygen 16	NT2	radium 208
NT2	molybdenum 98	NT2	oxygen 18	NT2	radium 210
NT2	neodymium 124	NT2	oxygen 20	NT2	radium 212
NT2	neodymium 126	NT2	oxygen 22	NT2	radium 214

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NT2	xenon 122	NT2	barium 123	NT2	cerium 137
NT2	xenon 124	NT2	barium 125	NT2	cerium 139
NT2	xenon 126	NT2	barium 127	NT2	cerium 141
NT2	xenon 128	NT2	barium 129	NT2	cerium 143
NT2	xenon 130	NT2	barium 131	NT2	cerium 145
NT2	xenon 132	NT2	barium 133	NT2	cerium 147
NT2	xenon 134	NT2	barium 135	NT2	cerium 149
NT2	xenon 136	NT2	barium 137	NT2	cerium 151
NT2	xenon 138	NT2	barium 139	NT2	cerium 153
NT2	xenon 140	NT2	barium 141	NT2	cerium 155
NT2	xenon 142	NT2	barium 143	NT2	cerium 157
NT2	xenon 144	NT2	barium 145	NT2	chromium 43
NT2	xenon 146	NT2	barium 147	NT2	chromium 45
NT2	ytterbium 148	NT2	barium 149	NT2	chromium 47
NT2	ytterbium 150	NT2	barium 151	NT2	chromium 49
NT2	ytterbium 152	NT2	barium 153	NT2	chromium 51
NT2	ytterbium 154	NT2	beryllium 11	NT2	chromium 53
NT2	ytterbium 156	NT2	beryllium 13	NT2	chromium 55
NT2	ytterbium 158	NT2	beryllium 15	NT2	chromium 57
NT2	ytterbium 160	NT2	beryllium 5	NT2	chromium 59
NT2	ytterbium 162	NT2	beryllium 7	NT2	chromium 61
NT2	ytterbium 164	NT2	beryllium 9	NT2	chromium 63
NT2	ytterbium 166	NT2	cadmium 101	NT2	chromium 65
NT2	ytterbium 168	NT2	cadmium 103	NT2	chromium 67
NT2	ytterbium 170	NT2	cadmium 105	NT2	copernicium 277
NT2	ytterbium 172	NT2	cadmium 107	NT2	copernicium 283
NT2	ytterbium 174	NT2	cadmium 109	NT2	copernicium 285
NT2	ytterbium 176	NT2	cadmium 111	NT2	curium 233
NT2	ytterbium 178	NT2	cadmium 113	NT2	curium 235
NT2	ytterbium 180	NT2	cadmium 115	NT2	curium 237
NT2	zinc 54	NT2	cadmium 117	NT2	curium 239
NT2	zinc 56	NT2	cadmium 119	NT2	curium 241
NT2	zinc 58	NT2	cadmium 121	NT2	curium 243
NT2	zinc 60	NT2	cadmium 123	NT2	curium 245
NT2	zinc 62	NT2	cadmium 125	NT2	curium 247
NT2	zinc 64	NT2	cadmium 127	NT2	curium 249
NT2	zinc 66	NT2	cadmium 129	NT2	curium 251
NT2	zinc 68	NT2	cadmium 131	NT2	darmstadtium 267
NT2	zinc 70	NT2	cadmium 95	NT2	darmstadtium 269
NT2	zinc 72	NT2	cadmium 97	NT2	darmstadtium 271
NT2	zinc 74	NT2	cadmium 99	NT2	darmstadtium 273
NT2	zinc 76	NT2	calcium 35	NT2	darmstadtium 279
NT2	zinc 78	NT2	calcium 37	NT2	darmstadtium 281
NT2	zinc 80	NT2	calcium 39	NT2	dysprosium 139
NT2	zinc 82	NT2	calcium 41	NT2	dysprosium 141
NT2	zirconium 100	NT2	calcium 43	NT2	dysprosium 143
NT2	zirconium 102	NT2	calcium 45	NT2	dysprosium 145
NT2	zirconium 104	NT2	calcium 47	NT2	dysprosium 147
NT2	zirconium 106	NT2	calcium 49	NT2	dysprosium 149
NT2	zirconium 108	NT2	calcium 51	NT2	dysprosium 151
NT2	zirconium 110	NT2	calcium 53	NT2	dysprosium 153
NT2	zirconium 78	NT2	calcium 55	NT2	dysprosium 155
NT2	zirconium 80	NT2	calcium 57	NT2	dysprosium 157
NT2	zirconium 82	NT2	californium 237	NT2	dysprosium 159
NT2	zirconium 84	NT2	californium 239	NT2	dysprosium 161
NT2	zirconium 86	NT2	californium 241	NT2	dysprosium 163
NT2	zirconium 88	NT2	californium 243	NT2	dysprosium 165
NT2	zirconium 90	NT2	californium 245	NT2	dysprosium 167
NT2	zirconium 92	NT2	californium 247	NT2	dysprosium 169
NT2	zirconium 94	NT2	californium 249	NT2	dysprosium 171
NT2	zirconium 96	NT2	californium 251	NT2	dysprosium 173
NT2	zirconium 98	NT2	californium 253	NT2	erbium 143
NT2	zirconium 98	NT2	californium 255	NT2	erbium 145
NT1	even-odd nuclei	NT2	carbon 11	NT2	erbium 147
NT2	argon 31	NT2	carbon 13	NT2	erbium 149
NT2	argon 33	NT2	carbon 15	NT2	erbium 151
NT2	argon 35	NT2	carbon 17	NT2	erbium 153
NT2	argon 37	NT2	carbon 19	NT2	erbium 155
NT2	argon 39	NT2	carbon 21	NT2	erbium 157
NT2	argon 41	NT2	carbon 9	NT2	erbium 159
NT2	argon 43	NT2	cerium 119	NT2	erbium 161
NT2	argon 45	NT2	cerium 121	NT2	erbium 163
NT2	argon 47	NT2	cerium 123	NT2	erbium 165
NT2	argon 49	NT2	cerium 125	NT2	erbium 167
NT2	argon 51	NT2	cerium 127	NT2	erbium 169
NT2	argon 53	NT2	cerium 129	NT2	erbium 171
NT2	barium 115	NT2	cerium 131	NT2	erbium 173
NT2	barium 117	NT2	cerium 133	NT2	erbium 175
NT2	barium 119	NT2	cerium 135	NT2	erbium 177
NT2	barium 121				

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 NT2 osmium 177

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NT2	osmium 181	NT2	polonium 213	NT2	samarium 157
NT2	osmium 183	NT2	polonium 215	NT2	samarium 159
NT2	osmium 185	NT2	polonium 217	NT2	samarium 161
NT2	osmium 187	NT2	polonium 219	NT2	samarium 163
NT2	osmium 189	NT2	radium 201	NT2	samarium 165
NT2	osmium 191	NT2	radium 203	NT2	seaborgium 259
NT2	osmium 193	NT2	radium 205	NT2	seaborgium 261
NT2	osmium 195	NT2	radium 207	NT2	seaborgium 263
NT2	osmium 197	NT2	radium 209	NT2	seaborgium 265
NT2	osmium 199	NT2	radium 211	NT2	seaborgium 271
NT2	oxygen 13	NT2	radium 213	NT2	seaborgium 273
NT2	oxygen 15	NT2	radium 215	NT2	selenium 65
NT2	oxygen 17	NT2	radium 217	NT2	selenium 67
NT2	oxygen 19	NT2	radium 219	NT2	selenium 69
NT2	oxygen 21	NT2	radium 221	NT2	selenium 71
NT2	oxygen 23	NT2	radium 223	NT2	selenium 73
NT2	oxygen 25	NT2	radium 225	NT2	selenium 75
NT2	oxygen 27	NT2	radium 227	NT2	selenium 77
NT2	palladium 101	NT2	radium 229	NT2	selenium 79
NT2	palladium 103	NT2	radium 231	NT2	selenium 81
NT2	palladium 105	NT2	radium 233	NT2	selenium 83
NT2	palladium 107	NT2	radon 193	NT2	selenium 85
NT2	palladium 109	NT2	radon 195	NT2	selenium 87
NT2	palladium 111	NT2	radon 197	NT2	selenium 89
NT2	palladium 113	NT2	radon 199	NT2	selenium 91
NT2	palladium 115	NT2	radon 201	NT2	silicon 23
NT2	palladium 117	NT2	radon 203	NT2	silicon 25
NT2	palladium 119	NT2	radon 205	NT2	silicon 27
NT2	palladium 121	NT2	radon 207	NT2	silicon 29
NT2	palladium 123	NT2	radon 209	NT2	silicon 31
NT2	palladium 91	NT2	radon 211	NT2	silicon 33
NT2	palladium 93	NT2	radon 213	NT2	silicon 35
NT2	palladium 95	NT2	radon 215	NT2	silicon 37
NT2	palladium 97	NT2	radon 217	NT2	silicon 39
NT2	palladium 99	NT2	radon 219	NT2	silicon 41
NT2	platinum 167	NT2	radon 221	NT2	silicon 43
NT2	platinum 169	NT2	radon 223	NT2	strontium 101
NT2	platinum 171	NT2	radon 225	NT2	strontium 103
NT2	platinum 173	NT2	radon 227	NT2	strontium 105
NT2	platinum 175	NT2	radon 229	NT2	strontium 73
NT2	platinum 177	NT2	ruthenium 101	NT2	strontium 75
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NT2	platinum 181	NT2	ruthenium 105	NT2	strontium 79
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NT2	platinum 187	NT2	ruthenium 111	NT2	strontium 85
NT2	platinum 189	NT2	ruthenium 113	NT2	strontium 87
NT2	platinum 191	NT2	ruthenium 115	NT2	strontium 89
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NT2	molybdenum 88	NT2	osmium 163	NT2	potassium 47
NT2	molybdenum 89	NT2	osmium 164	NT2	potassium 48
NT2	molybdenum 90	NT2	osmium 165	NT2	potassium 49
NT2	molybdenum 91	NT2	osmium 166	NT2	potassium 50
NT2	molybdenum 92	NT2	osmium 167	NT2	potassium 51
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NT2	molybdenum 94	NT2	osmium 169	NT2	potassium 53
NT2	molybdenum 95	NT2	osmium 170	NT2	potassium 54
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NT3	lanthanum 143	NT3	neodymium 154	NT3	promethium 158
NT3	lanthanum 144	NT3	neodymium 155	NT3	promethium 159
NT3	lanthanum 145	NT3	neodymium 156	NT3	promethium 160
NT3	lanthanum 146	NT3	neodymium 157	NT3	promethium 161
NT3	lanthanum 147	NT3	neodymium 158	NT3	promethium 162
NT3	lanthanum 148	NT3	neodymium 159	NT3	promethium 163
NT3	lanthanum 149	NT3	neodymium 160	NT3	samarium 128
NT3	lanthanum 150	NT3	neodymium 161	NT3	samarium 129
NT3	lanthanum 151	NT3	praseodymium 121	NT3	samarium 130
NT3	lanthanum 152	NT3	praseodymium 122	NT3	samarium 131
NT3	lanthanum 153	NT3	praseodymium 123	NT3	samarium 132
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NT3	lanthanum 155	NT3	praseodymium 125	NT3	samarium 134
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NT2	silicon 40	NT2	americium 249	NT2	bismuth 217
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NT2	sodium 20	NT2	antimony 107	NT2	bohrium 265
NT2	sodium 21	NT2	antimony 109	NT2	bohrium 267
NT2	sodium 22	NT2	antimony 111	NT2	bohrium 271
NT2	sodium 23	NT2	antimony 113	NT2	bohrium 273
NT2	sodium 24	NT2	antimony 115	NT2	bohrium 275
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NT2	sodium 33	NT2	antimony 133	NT2	bromine 69
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NT2	sodium 35	NT2	antimony 137	NT2	bromine 73
NT2	sodium 37	NT2	antimony 139	NT2	bromine 75
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NT2	sulfur 36	NT2	arsenic 83	NT2	cesium 113
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NT2	vanadium 40	NT2	astatine 199	NT2	cesium 131
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NT1	mirror nuclei	NT2	astatine 203	NT2	cesium 135
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NT2	actinium 207	NT2	astatine 207	NT2	cesium 139
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 NT2 berkelium 248
 NT2 berkelium 250
 NT2 berkelium 252
 NT2 berkelium 254
 NT2 bismuth 184
 NT2 bismuth 186
 NT2 bismuth 188
 NT2 bismuth 190
 NT2 bismuth 192
 NT2 bismuth 194
 NT2 bismuth 196
 NT2 bismuth 198
 NT2 bismuth 200
 NT2 bismuth 202
 NT2 bismuth 204
 NT2 bismuth 206
 NT2 bismuth 208

NT2 bismuth 210
 NT2 bismuth 212
 NT2 bismuth 214
 NT2 bismuth 216
 NT2 bismuth 218
 NT2 bohrium 260
 NT2 bohrium 262
 NT2 bohrium 264
 NT2 bohrium 266
 NT2 bohrium 272
 NT2 bohrium 274
 NT2 boron 10
 NT2 boron 12
 NT2 boron 14
 NT2 boron 16
 NT2 boron 18
 NT2 boron 6
 NT2 boron 8
 NT2 bromine 68
 NT2 bromine 70
 NT2 bromine 72
 NT2 bromine 74
 NT2 bromine 76
 NT2 bromine 78
 NT2 bromine 80
 NT2 bromine 82
 NT2 bromine 84
 NT2 bromine 86
 NT2 bromine 88
 NT2 bromine 90
 NT2 bromine 92
 NT2 bromine 94
 NT2 bromine 96
 NT2 cesium 112
 NT2 cesium 114
 NT2 cesium 116
 NT2 cesium 118
 NT2 cesium 120
 NT2 cesium 122
 NT2 cesium 124
 NT2 cesium 126
 NT2 cesium 128
 NT2 cesium 130
 NT2 cesium 132
 NT2 cesium 134
 NT2 cesium 136
 NT2 cesium 138
 NT2 cesium 140
 NT2 cesium 142
 NT2 cesium 144
 NT2 cesium 146
 NT2 cesium 148
 NT2 cesium 150
 NT2 chlorine 28
 NT2 chlorine 30
 NT2 chlorine 32
 NT2 chlorine 34
 NT2 chlorine 36
 NT2 chlorine 38
 NT2 chlorine 40
 NT2 chlorine 42
 NT2 chlorine 44
 NT2 chlorine 46
 NT2 chlorine 48
 NT2 chlorine 50
 NT2 cobalt 50
 NT2 cobalt 52
 NT2 cobalt 54
 NT2 cobalt 56
 NT2 cobalt 58
 NT2 cobalt 60
 NT2 cobalt 62
 NT2 cobalt 64
 NT2 cobalt 66
 NT2 cobalt 68
 NT2 cobalt 70
 NT2 cobalt 72
 NT2 cobalt 74
 NT2 copper 52

NT2 copper 54
 NT2 copper 56
 NT2 copper 58
 NT2 copper 60
 NT2 copper 62
 NT2 copper 64
 NT2 copper 66
 NT2 copper 68
 NT2 copper 70
 NT2 copper 72
 NT2 copper 74
 NT2 copper 76
 NT2 copper 78
 NT2 copper 80
 NT2 deuterium
 NT2 dubnium 256
 NT2 dubnium 258
 NT2 dubnium 260
 NT2 dubnium 262
 NT2 dubnium 264
 NT2 dubnium 266
 NT2 dubnium 268
 NT2 einsteinium 240
 NT2 einsteinium 242
 NT2 einsteinium 244
 NT2 einsteinium 246
 NT2 einsteinium 248
 NT2 einsteinium 250
 NT2 einsteinium 252
 NT2 einsteinium 254
 NT2 einsteinium 256
 NT2 einsteinium 258
 NT2 europium 130
 NT2 europium 132
 NT2 europium 134
 NT2 europium 136
 NT2 europium 138
 NT2 europium 140
 NT2 europium 142
 NT2 europium 144
 NT2 europium 146
 NT2 europium 148
 NT2 europium 150
 NT2 europium 152
 NT2 europium 154
 NT2 europium 156
 NT2 europium 158
 NT2 europium 160
 NT2 europium 162
 NT2 europium 164
 NT2 europium 166
 NT2 fluorine 14
 NT2 fluorine 16
 NT2 fluorine 18
 NT2 fluorine 20
 NT2 fluorine 22
 NT2 fluorine 24
 NT2 fluorine 26
 NT2 fluorine 28
 NT2 fluorine 30
 NT2 francium 200
 NT2 francium 202
 NT2 francium 204
 NT2 francium 206
 NT2 francium 208
 NT2 francium 210
 NT2 francium 212
 NT2 francium 214
 NT2 francium 216
 NT2 francium 218
 NT2 francium 220
 NT2 francium 222
 NT2 francium 224
 NT2 francium 226
 NT2 francium 228
 NT2 francium 230
 NT2 francium 232
 NT2 gallium 56
 NT2 gallium 58

NT2 gallium 60
 NT2 gallium 62
 NT2 gallium 64
 NT2 gallium 66
 NT2 gallium 68
 NT2 gallium 70
 NT2 gallium 72
 NT2 gallium 74
 NT2 gallium 76
 NT2 gallium 78
 NT2 gallium 80
 NT2 gallium 82
 NT2 gallium 84
 NT2 gallium 86
 NT2 gold 170
 NT2 gold 172
 NT2 gold 174
 NT2 gold 176
 NT2 gold 178
 NT2 gold 180
 NT2 gold 182
 NT2 gold 184
 NT2 gold 186
 NT2 gold 188
 NT2 gold 190
 NT2 gold 192
 NT2 gold 194
 NT2 gold 196
 NT2 gold 198
 NT2 gold 200
 NT2 gold 202
 NT2 gold 204
 NT2 holmium 140
 NT2 holmium 142
 NT2 holmium 144
 NT2 holmium 146
 NT2 holmium 148
 NT2 holmium 150
 NT2 holmium 152
 NT2 holmium 154
 NT2 holmium 156
 NT2 holmium 158
 NT2 holmium 160
 NT2 holmium 162
 NT2 holmium 164
 NT2 holmium 166
 NT2 holmium 168
 NT2 holmium 170
 NT2 holmium 172
 NT2 holmium 174
 NT2 hydrogen 4
 NT2 hydrogen 6
 NT2 indium 100
 NT2 indium 102
 NT2 indium 104
 NT2 indium 106
 NT2 indium 108
 NT2 indium 110
 NT2 indium 112
 NT2 indium 114
 NT2 indium 116
 NT2 indium 118
 NT2 indium 120
 NT2 indium 122
 NT2 indium 124
 NT2 indium 126
 NT2 indium 128
 NT2 indium 130
 NT2 indium 132
 NT2 indium 134
 NT2 indium 98
 NT2 iodine 108
 NT2 iodine 110
 NT2 iodine 112
 NT2 iodine 114
 NT2 iodine 116
 NT2 iodine 118
 NT2 iodine 120
 NT2 iodine 122

NT2 iodine 124
 NT2 iodine 126
 NT2 iodine 128
 NT2 iodine 130
 NT2 iodine 132
 NT2 iodine 134
 NT2 iodine 136
 NT2 iodine 138
 NT2 iodine 140
 NT2 iodine 142
 NT2 iodine 144
 NT2 iridium 164
 NT2 iridium 166
 NT2 iridium 168
 NT2 iridium 170
 NT2 iridium 172
 NT2 iridium 174
 NT2 iridium 176
 NT2 iridium 178
 NT2 iridium 180
 NT2 iridium 182
 NT2 iridium 184
 NT2 iridium 186
 NT2 iridium 188
 NT2 iridium 190
 NT2 iridium 192
 NT2 iridium 194
 NT2 iridium 196
 NT2 iridium 198
 NT2 iridium 202
 NT2 lanthanum 118
 NT2 lanthanum 120
 NT2 lanthanum 122
 NT2 lanthanum 124
 NT2 lanthanum 126
 NT2 lanthanum 128
 NT2 lanthanum 130
 NT2 lanthanum 132
 NT2 lanthanum 134
 NT2 lanthanum 136
 NT2 lanthanum 138
 NT2 lanthanum 140
 NT2 lanthanum 142
 NT2 lanthanum 144
 NT2 lanthanum 146
 NT2 lanthanum 148
 NT2 lanthanum 150
 NT2 lanthanum 152
 NT2 lanthanum 154
 NT2 lawrencium 252
 NT2 lawrencium 254
 NT2 lawrencium 256
 NT2 lawrencium 258
 NT2 lawrencium 260
 NT2 lawrencium 262
 NT2 lawrencium 264
 NT2 lawrencium 266
 NT2 lithium 10
 NT2 lithium 12
 NT2 lithium 4
 NT2 lithium 6
 NT2 lithium 8
 NT2 lutetium 150
 NT2 lutetium 152
 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
 NT2 mendelevium 252
 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
 NT2 praseodymium 138
 NT2 praseodymium 140
 NT2 praseodymium 142
 NT2 praseodymium 144
 NT2 praseodymium 146
 NT2 praseodymium 152
 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
 NT2 promethium 144
 NT2 promethium 146
 NT2 promethium 148
 NT2 promethium 150
 NT2 promethium 152
 NT2 promethium 154
 NT2 promethium 156
 NT2 protactinium 212
 NT2 protactinium 214
 NT2 protactinium 216
 NT2 protactinium 218
 NT2 protactinium 220
 NT2 protactinium 222
 NT2 protactinium 224
 NT2 protactinium 226
 NT2 protactinium 228
 NT2 protactinium 230
 NT2 protactinium 232
 NT2 protactinium 234
 NT2 protactinium 236
 NT2 protactinium 238
 NT2 protactinium 240
 NT2 rhenium 160
 NT2 rhenium 162
 NT2 rhenium 164
 NT2 rhenium 166
 NT2 rhenium 168
 NT2 rhenium 170
 NT2 rhenium 172
 NT2 rhenium 174
 NT2 rhenium 176
 NT2 rhenium 178
 NT2 rhenium 180
 NT2 rhenium 182
 NT2 rhenium 184
 NT2 rhenium 186
 NT2 rhenium 188

NT2 rhenium 190
 NT2 rhenium 192
 NT2 rhenium 194
 NT2 rhenium 196
 NT2 rhodium 100
 NT2 rhodium 102
 NT2 rhodium 104
 NT2 rhodium 106
 NT2 rhodium 108
 NT2 rhodium 110
 NT2 rhodium 112
 NT2 rhodium 114
 NT2 rhodium 116
 NT2 rhodium 118
 NT2 rhodium 120
 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
 NT2 rubidium 80
 NT2 rubidium 82
 NT2 rubidium 84
 NT2 rubidium 86
 NT2 rubidium 88
 NT2 rubidium 90
 NT2 rubidium 92
 NT2 rubidium 94
 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
 NT2 scandium 52
 NT2 scandium 54
 NT2 scandium 56
 NT2 scandium 58
 NT2 scandium 60
 NT2 silver 100
 NT2 silver 102
 NT2 silver 104
 NT2 silver 106
 NT2 silver 108
 NT2 silver 110
 NT2 silver 112
 NT2 silver 114
 NT2 silver 116
 NT2 silver 118
 NT2 silver 120
 NT2 silver 122
 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
 NT2 sodium 26
 NT2 sodium 28
 NT2 sodium 30

NT2 sodium 32
 NT2 sodium 34
 NT2 tantalum 156
 NT2 tantalum 158
 NT2 tantalum 160
 NT2 tantalum 162
 NT2 tantalum 164
 NT2 tantalum 166
 NT2 tantalum 168
 NT2 tantalum 170
 NT2 tantalum 172
 NT2 tantalum 174
 NT2 tantalum 176
 NT2 tantalum 178
 NT2 tantalum 180
 NT2 tantalum 182
 NT2 tantalum 184
 NT2 tantalum 186
 NT2 tantalum 188
 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
 NT2 technetium 118
 NT2 technetium 86
 NT2 technetium 88
 NT2 technetium 90
 NT2 technetium 92
 NT2 technetium 94
 NT2 technetium 96
 NT2 technetium 98
 NT2 terbium 136
 NT2 terbium 138
 NT2 terbium 140
 NT2 terbium 142
 NT2 terbium 144
 NT2 terbium 146
 NT2 terbium 148
 NT2 terbium 150
 NT2 terbium 152
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 NT2 terbium 156
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 NT2 terbium 160
 NT2 terbium 162
 NT2 terbium 164
 NT2 terbium 166
 NT2 terbium 168
 NT2 terbium 170
 NT2 thallium 176
 NT2 thallium 178
 NT2 thallium 180
 NT2 thallium 182
 NT2 thallium 184
 NT2 thallium 186
 NT2 thallium 188
 NT2 thallium 190
 NT2 thallium 192
 NT2 thallium 194
 NT2 thallium 196
 NT2 thallium 198
 NT2 thallium 200
 NT2 thallium 202
 NT2 thallium 204
 NT2 thallium 206
 NT2 thallium 208
 NT2 thallium 210
 NT2 thallium 212
 NT2 thulium 144
 NT2 thulium 146
 NT2 thulium 148
 NT2 thulium 150
 NT2 thulium 152

NT2 thulium 154
 NT2 thulium 156
 NT2 thulium 158
 NT2 thulium 160
 NT2 thulium 162
 NT2 thulium 164
 NT2 thulium 166
 NT2 thulium 168
 NT2 thulium 170
 NT2 thulium 172
 NT2 thulium 174
 NT2 thulium 176
 NT2 thulium 178
 NT2 vanadium 40
 NT2 vanadium 42
 NT2 vanadium 44
 NT2 vanadium 46
 NT2 vanadium 48
 NT2 vanadium 50
 NT2 vanadium 52
 NT2 vanadium 54
 NT2 vanadium 56
 NT2 vanadium 58
 NT2 vanadium 60
 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

nucleoelectrica 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 photoneutrons
NT2 pile neutrons
NT2 polynutrons
NT3 dineutrons
NT3 tetra-neutrons
NT3 trineutrons
NT2 resonance neutrons
NT2 slow neutrons
NT2 solar neutrons
NT2 thermal neutrons
NT1 photonucleons
NT2 photoneutrons
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 thymidyllic 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 jnir

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
 NT1 einsteinium 243
 NT1 einsteinium 245
 NT1 einsteinium 247
 NT1 einsteinium 249

NT1 einsteinium 251
 NT1 einsteinium 253
 NT1 einsteinium 255
 NT1 einsteinium 257
 NT1 europium 131
 NT1 europium 133
 NT1 europium 135
 NT1 europium 137
 NT1 europium 139
 NT1 europium 141
 NT1 europium 143
 NT1 europium 145
 NT1 europium 147
 NT1 europium 149
 NT1 europium 151
 NT1 europium 153
 NT1 europium 155
 NT1 europium 157
 NT1 europium 159
 NT1 europium 161
 NT1 europium 163
 NT1 europium 165
 NT1 europium 167
 NT1 fluorine 15
 NT1 fluorine 17
 NT1 fluorine 19
 NT1 fluorine 21
 NT1 fluorine 23
 NT1 fluorine 25
 NT1 fluorine 27
 NT1 fluorine 29
 NT1 fluorine 31
 NT1 francium 199
 NT1 francium 201
 NT1 francium 203
 NT1 francium 205
 NT1 francium 207
 NT1 francium 209
 NT1 francium 211
 NT1 francium 213
 NT1 francium 215
 NT1 francium 217
 NT1 francium 219
 NT1 francium 221
 NT1 francium 223
 NT1 francium 225
 NT1 francium 227
 NT1 francium 229
 NT1 francium 231
 NT1 gallium 57
 NT1 gallium 59
 NT1 gallium 61
 NT1 gallium 63
 NT1 gallium 65
 NT1 gallium 67
 NT1 gallium 69
 NT1 gallium 71
 NT1 gallium 73
 NT1 gallium 75
 NT1 gallium 77
 NT1 gallium 79
 NT1 gallium 81
 NT1 gallium 83
 NT1 gallium 85
 NT1 gold 169
 NT1 gold 171
 NT1 gold 173
 NT1 gold 175
 NT1 gold 177
 NT1 gold 179
 NT1 gold 181
 NT1 gold 183
 NT1 gold 185
 NT1 gold 187
 NT1 gold 189
 NT1 gold 191
 NT1 gold 193
 NT1 gold 195
 NT1 gold 197

NT1 gold 199
 NT1 gold 201
 NT1 gold 203
 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
 NT1 indium 109
 NT1 indium 111
 NT1 indium 113
 NT1 indium 115
 NT1 indium 117
 NT1 indium 119
 NT1 indium 121
 NT1 indium 123
 NT1 indium 125
 NT1 indium 127
 NT1 indium 129
 NT1 indium 131
 NT1 indium 133
 NT1 indium 135
 NT1 indium 97
 NT1 indium 99
 NT1 iodine 109
 NT1 iodine 111
 NT1 iodine 113
 NT1 iodine 115
 NT1 iodine 117
 NT1 iodine 119
 NT1 iodine 121
 NT1 iodine 123
 NT1 iodine 125
 NT1 iodine 127
 NT1 iodine 129
 NT1 iodine 131
 NT1 iodine 133
 NT1 iodine 135
 NT1 iodine 137
 NT1 iodine 139
 NT1 iodine 141
 NT1 iodine 143
 NT1 iridium 165
 NT1 iridium 167
 NT1 iridium 169
 NT1 iridium 171
 NT1 iridium 173
 NT1 iridium 175
 NT1 iridium 177
 NT1 iridium 179
 NT1 iridium 181
 NT1 iridium 183
 NT1 iridium 185
 NT1 iridium 187
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 NT1 iridium 191
 NT1 iridium 193
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NT1 iridium 197
 NT1 iridium 199
 NT1 lanthanum 117
 NT1 lanthanum 119
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 NT1 lanthanum 125
 NT1 lanthanum 127
 NT1 lanthanum 129
 NT1 lanthanum 131
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 NT1 lanthanum 143
 NT1 lanthanum 145
 NT1 lanthanum 147
 NT1 lanthanum 149
 NT1 lanthanum 151
 NT1 lanthanum 153
 NT1 lanthanum 155
 NT1 lawrencium 251
 NT1 lawrencium 253
 NT1 lawrencium 255
 NT1 lawrencium 257
 NT1 lawrencium 259
 NT1 lawrencium 261
 NT1 lawrencium 263
 NT1 lawrencium 265
 NT1 lithium 11
 NT1 lithium 13
 NT1 lithium 3
 NT1 lithium 5
 NT1 lithium 7
 NT1 lithium 9
 NT1 lutetium 151
 NT1 lutetium 153
 NT1 lutetium 155
 NT1 lutetium 157
 NT1 lutetium 159
 NT1 lutetium 161
 NT1 lutetium 163
 NT1 lutetium 165
 NT1 lutetium 167
 NT1 lutetium 169
 NT1 lutetium 171
 NT1 lutetium 173
 NT1 lutetium 175
 NT1 lutetium 177
 NT1 lutetium 179
 NT1 lutetium 181
 NT1 lutetium 183
 NT1 lutetium 187
 NT1 manganese 45
 NT1 manganese 47
 NT1 manganese 49
 NT1 manganese 51
 NT1 manganese 53
 NT1 manganese 55
 NT1 manganese 57
 NT1 manganese 59
 NT1 manganese 61
 NT1 manganese 63
 NT1 manganese 65
 NT1 manganese 67
 NT1 manganese 69
 NT1 meitnerium 265
 NT1 meitnerium 267
 NT1 meitnerium 271
 NT1 meitnerium 273
 NT1 meitnerium 275
 NT1 meitnerium 279
 NT1 mendelevium 245
 NT1 mendelevium 247
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 NT1 mendelevium 253
 NT1 mendelevium 255

NT1 mendelevium 257
 NT1 mendelevium 259
 NT1 mendelevium 261
 NT1 moscovium 287
 NT1 moscovium 288
 NT1 neptunium 225
 NT1 neptunium 227
 NT1 neptunium 229
 NT1 neptunium 231
 NT1 neptunium 233
 NT1 neptunium 235
 NT1 neptunium 237
 NT1 neptunium 239
 NT1 neptunium 241
 NT1 neptunium 243
 NT1 nihonium 283
 NT1 nihonium 284
 NT1 niobium 101
 NT1 niobium 103
 NT1 niobium 105
 NT1 niobium 107
 NT1 niobium 109
 NT1 niobium 111
 NT1 niobium 113
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 NT1 niobium 99
 NT1 nitrogen 11
 NT1 nitrogen 13
 NT1 nitrogen 15
 NT1 nitrogen 17
 NT1 nitrogen 19
 NT1 nitrogen 21
 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
 NT1 potassium 53
 NT1 potassium 55
 NT1 praseodymium 121
 NT1 praseodymium 123
 NT1 praseodymium 125
 NT1 praseodymium 127
 NT1 praseodymium 129
 NT1 praseodymium 131
 NT1 praseodymium 133
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 NT1 praseodymium 145

NT1 praseodymium 147
 NT1 praseodymium 149
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 NT1 praseodymium 157
 NT1 praseodymium 159
 NT1 promethium 127
 NT1 promethium 129
 NT1 promethium 131
 NT1 promethium 133
 NT1 promethium 135
 NT1 promethium 137
 NT1 promethium 139
 NT1 promethium 141
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 NT1 promethium 145
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 NT1 promethium 149
 NT1 promethium 151
 NT1 promethium 153
 NT1 promethium 155
 NT1 promethium 157
 NT1 promethium 159
 NT1 promethium 161
 NT1 promethium 163
 NT1 protactinium 213
 NT1 protactinium 215
 NT1 protactinium 217
 NT1 protactinium 219
 NT1 protactinium 221
 NT1 protactinium 223
 NT1 protactinium 225
 NT1 protactinium 227
 NT1 protactinium 229
 NT1 protactinium 231
 NT1 protactinium 233
 NT1 protactinium 235
 NT1 protactinium 237
 NT1 protactinium 239
 NT1 rhenium 159
 NT1 rhenium 161
 NT1 rhenium 163
 NT1 rhenium 165
 NT1 rhenium 167
 NT1 rhenium 169
 NT1 rhenium 171
 NT1 rhenium 173
 NT1 rhenium 175
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 NT1 rhenium 187
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 NT1 rhenium 191
 NT1 rhenium 193
 NT1 rhenium 195
 NT1 rhodium 101
 NT1 rhodium 103
 NT1 rhodium 105
 NT1 rhodium 107
 NT1 rhodium 109
 NT1 rhodium 111
 NT1 rhodium 113
 NT1 rhodium 115
 NT1 rhodium 117
 NT1 rhodium 119
 NT1 rhodium 121
 NT1 rhodium 89
 NT1 rhodium 91
 NT1 rhodium 93
 NT1 rhodium 95
 NT1 rhodium 97
 NT1 rhodium 99
 NT1 roentgenium 273
 NT1 roentgenium 279
 NT1 rubidium 101

NT1 rubidium 103
 NT1 rubidium 71
 NT1 rubidium 73
 NT1 rubidium 75
 NT1 rubidium 77
 NT1 rubidium 79
 NT1 rubidium 81
 NT1 rubidium 83
 NT1 rubidium 85
 NT1 rubidium 87
 NT1 rubidium 89
 NT1 rubidium 91
 NT1 rubidium 93
 NT1 rubidium 95
 NT1 rubidium 97
 NT1 rubidium 99
 NT1 scandium 37
 NT1 scandium 39
 NT1 scandium 41
 NT1 scandium 43
 NT1 scandium 45
 NT1 scandium 47
 NT1 scandium 49
 NT1 scandium 51
 NT1 scandium 53
 NT1 scandium 55
 NT1 scandium 57
 NT1 scandium 59
 NT1 scandium 61
 NT1 silver 101
 NT1 silver 103
 NT1 silver 105
 NT1 silver 107
 NT1 silver 109
 NT1 silver 111
 NT1 silver 113
 NT1 silver 115
 NT1 silver 117
 NT1 silver 119
 NT1 silver 121
 NT1 silver 123
 NT1 silver 125
 NT1 silver 127
 NT1 silver 129
 NT1 silver 93
 NT1 silver 95
 NT1 silver 97
 NT1 silver 99
 NT1 sodium 19
 NT1 sodium 21
 NT1 sodium 23
 NT1 sodium 25
 NT1 sodium 27
 NT1 sodium 29
 NT1 sodium 31
 NT1 sodium 33
 NT1 sodium 35
 NT1 sodium 37
 NT1 tantalum 155
 NT1 tantalum 157
 NT1 tantalum 159
 NT1 tantalum 161
 NT1 tantalum 163
 NT1 tantalum 165
 NT1 tantalum 167
 NT1 tantalum 169
 NT1 tantalum 171
 NT1 tantalum 173
 NT1 tantalum 175
 NT1 tantalum 177
 NT1 tantalum 179
 NT1 tantalum 181
 NT1 tantalum 183
 NT1 tantalum 185
 NT1 tantalum 187
 NT1 tantalum 189
 NT1 technetium 101
 NT1 technetium 103
 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
 NT1 technetium 89
 NT1 technetium 91
 NT1 technetium 93
 NT1 technetium 95
 NT1 technetium 97
 NT1 technetium 99
 NT1 terbium 135
 NT1 terbium 137
 NT1 terbium 139
 NT1 terbium 141
 NT1 terbium 143
 NT1 terbium 145
 NT1 terbium 147
 NT1 terbium 149
 NT1 terbium 151
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 NT1 terbium 157
 NT1 terbium 159
 NT1 terbium 161
 NT1 terbium 163
 NT1 terbium 165
 NT1 terbium 167
 NT1 terbium 169
 NT1 terbium 171
 NT1 thallium 177
 NT1 thallium 179
 NT1 thallium 181
 NT1 thallium 183
 NT1 thallium 185
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 NT1 thallium 189
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 NT1 thulium 145
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 NT1 thulium 165
 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
 NT1 vanadium 53
 NT1 vanadium 55
 NT1 vanadium 57

NT1 vanadium 59
 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
 NT1 actinium 222
 NT1 actinium 224
 NT1 actinium 226
 NT1 actinium 228
 NT1 actinium 230
 NT1 actinium 232
 NT1 actinium 234
 NT1 actinium 236
 NT1 aluminium 22
 NT1 aluminium 24
 NT1 aluminium 26
 NT1 aluminium 28
 NT1 aluminium 30
 NT1 aluminium 32
 NT1 aluminium 34
 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
 NT1 antimony 116
 NT1 antimony 118
 NT1 antimony 120
 NT1 antimony 122
 NT1 antimony 124
 NT1 antimony 126
 NT1 antimony 128
 NT1 antimony 130
 NT1 antimony 132
 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
 NT1 arsenic 86
 NT1 arsenic 88
 NT1 arsenic 90
 NT1 arsenic 92
 NT1 astatine 192
 NT1 astatine 194
 NT1 astatine 196
 NT1 astatine 198
 NT1 astatine 200
 NT1 astatine 202
 NT1 astatine 204
 NT1 astatine 206
 NT1 astatine 208
 NT1 astatine 210
 NT1 astatine 212
 NT1 astatine 214
 NT1 astatine 216
 NT1 astatine 218
 NT1 astatine 220
 NT1 astatine 222
 NT1 berkelium 236
 NT1 berkelium 238
 NT1 berkelium 240
 NT1 berkelium 242
 NT1 berkelium 244
 NT1 berkelium 246
 NT1 berkelium 248
 NT1 berkelium 250
 NT1 berkelium 252
 NT1 berkelium 254
 NT1 bismuth 184
 NT1 bismuth 186
 NT1 bismuth 188
 NT1 bismuth 190
 NT1 bismuth 192
 NT1 bismuth 194
 NT1 bismuth 196
 NT1 bismuth 198
 NT1 bismuth 200
 NT1 bismuth 202
 NT1 bismuth 204
 NT1 bismuth 206
 NT1 bismuth 208
 NT1 bismuth 210
 NT1 bismuth 212
 NT1 bismuth 214
 NT1 bismuth 216
 NT1 bismuth 218
 NT1 bohrium 260
 NT1 bohrium 262
 NT1 bohrium 264
 NT1 bohrium 266
 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

NT1 bromine 76
 NT1 bromine 78
 NT1 bromine 80
 NT1 bromine 82
 NT1 bromine 84
 NT1 bromine 86
 NT1 bromine 88
 NT1 bromine 90
 NT1 bromine 92
 NT1 bromine 94
 NT1 bromine 96
 NT1 cesium 112
 NT1 cesium 114
 NT1 cesium 116
 NT1 cesium 118
 NT1 cesium 120
 NT1 cesium 122
 NT1 cesium 124
 NT1 cesium 126
 NT1 cesium 128
 NT1 cesium 130
 NT1 cesium 132
 NT1 cesium 134
 NT1 cesium 136
 NT1 cesium 138
 NT1 cesium 140
 NT1 cesium 142
 NT1 cesium 144
 NT1 cesium 146
 NT1 cesium 148
 NT1 cesium 150
 NT1 chlorine 28
 NT1 chlorine 30
 NT1 chlorine 32
 NT1 chlorine 34
 NT1 chlorine 36
 NT1 chlorine 38
 NT1 chlorine 40
 NT1 chlorine 42
 NT1 chlorine 44
 NT1 chlorine 46
 NT1 chlorine 48
 NT1 chlorine 50
 NT1 cobalt 50
 NT1 cobalt 52
 NT1 cobalt 54
 NT1 cobalt 56
 NT1 cobalt 58
 NT1 cobalt 60
 NT1 cobalt 62
 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
 NT1 copper 64
 NT1 copper 66
 NT1 copper 68
 NT1 copper 70
 NT1 copper 72
 NT1 copper 74
 NT1 copper 76
 NT1 copper 78
 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
 NT1 einsteinium 242
 NT1 einsteinium 244
 NT1 einsteinium 246
 NT1 einsteinium 248
 NT1 einsteinium 250
 NT1 einsteinium 252
 NT1 einsteinium 254
 NT1 einsteinium 256
 NT1 einsteinium 258
 NT1 europium 130
 NT1 europium 132
 NT1 europium 134
 NT1 europium 136
 NT1 europium 138
 NT1 europium 140
 NT1 europium 142
 NT1 europium 144
 NT1 europium 146
 NT1 europium 148
 NT1 europium 150
 NT1 europium 152
 NT1 europium 154
 NT1 europium 156
 NT1 europium 158
 NT1 europium 160
 NT1 europium 162
 NT1 europium 164
 NT1 europium 166
 NT1 fluorine 14
 NT1 fluorine 16
 NT1 fluorine 18
 NT1 fluorine 20
 NT1 fluorine 22
 NT1 fluorine 24
 NT1 fluorine 26
 NT1 fluorine 28
 NT1 fluorine 30
 NT1 francium 200
 NT1 francium 202
 NT1 francium 204
 NT1 francium 206
 NT1 francium 208
 NT1 francium 210
 NT1 francium 212
 NT1 francium 214
 NT1 francium 216
 NT1 francium 218
 NT1 francium 220
 NT1 francium 222
 NT1 francium 224
 NT1 francium 226
 NT1 francium 228
 NT1 francium 230
 NT1 francium 232
 NT1 gallium 56
 NT1 gallium 58
 NT1 gallium 60
 NT1 gallium 62
 NT1 gallium 64
 NT1 gallium 66
 NT1 gallium 68
 NT1 gallium 70
 NT1 gallium 72
 NT1 gallium 74
 NT1 gallium 76
 NT1 gallium 78
 NT1 gallium 80
 NT1 gallium 82
 NT1 gallium 84
 NT1 gallium 86
 NT1 gold 170
 NT1 gold 172
 NT1 gold 174
 NT1 gold 176
 NT1 gold 178
 NT1 gold 180
 NT1 gold 182
 NT1 gold 184

NT1	gold 186	NT1	iridium 186	NT1	mendelevium 248
NT1	gold 188	NT1	iridium 188	NT1	mendelevium 250
NT1	gold 190	NT1	iridium 190	NT1	mendelevium 252
NT1	gold 192	NT1	iridium 192	NT1	mendelevium 254
NT1	gold 194	NT1	iridium 194	NT1	mendelevium 256
NT1	gold 196	NT1	iridium 196	NT1	mendelevium 258
NT1	gold 198	NT1	iridium 198	NT1	mendelevium 260
NT1	gold 200	NT1	iridium 202	NT1	mendelevium 262
NT1	gold 202	NT1	lanthanum 118	NT1	neptunium 226
NT1	gold 204	NT1	lanthanum 120	NT1	neptunium 228
NT1	holmium 140	NT1	lanthanum 122	NT1	neptunium 230
NT1	holmium 142	NT1	lanthanum 124	NT1	neptunium 232
NT1	holmium 144	NT1	lanthanum 126	NT1	neptunium 234
NT1	holmium 146	NT1	lanthanum 128	NT1	neptunium 236
NT1	holmium 148	NT1	lanthanum 130	NT1	neptunium 238
NT1	holmium 150	NT1	lanthanum 132	NT1	neptunium 240
NT1	holmium 152	NT1	lanthanum 134	NT1	neptunium 242
NT1	holmium 154	NT1	lanthanum 136	NT1	neptunium 244
NT1	holmium 156	NT1	lanthanum 138	NT1	nihonium 278
NT1	holmium 158	NT1	lanthanum 140	NT1	niobium 100
NT1	holmium 160	NT1	lanthanum 142	NT1	niobium 102
NT1	holmium 162	NT1	lanthanum 144	NT1	niobium 104
NT1	holmium 164	NT1	lanthanum 146	NT1	niobium 106
NT1	holmium 166	NT1	lanthanum 148	NT1	niobium 108
NT1	holmium 168	NT1	lanthanum 150	NT1	niobium 110
NT1	holmium 170	NT1	lanthanum 152	NT1	niobium 112
NT1	holmium 172	NT1	lanthanum 154	NT1	niobium 82
NT1	holmium 174	NT1	lawrencium 252	NT1	niobium 84
NT1	hydrogen 4	NT1	lawrencium 254	NT1	niobium 86
NT1	hydrogen 6	NT1	lawrencium 256	NT1	niobium 88
NT1	indium 100	NT1	lawrencium 258	NT1	niobium 90
NT1	indium 102	NT1	lawrencium 260	NT1	niobium 92
NT1	indium 104	NT1	lawrencium 262	NT1	niobium 94
NT1	indium 106	NT1	lawrencium 264	NT1	niobium 96
NT1	indium 108	NT1	lawrencium 266	NT1	niobium 98
NT1	indium 110	NT1	lithium 10	NT1	nitrogen 10
NT1	indium 112	NT1	lithium 12	NT1	nitrogen 12
NT1	indium 114	NT1	lithium 4	NT1	nitrogen 14
NT1	indium 116	NT1	lithium 6	NT1	nitrogen 16
NT1	indium 118	NT1	lithium 8	NT1	nitrogen 18
NT1	indium 120	NT1	lutetium 150	NT1	nitrogen 20
NT1	indium 122	NT1	lutetium 152	NT1	nitrogen 22
NT1	indium 124	NT1	lutetium 154	NT1	nitrogen 24
NT1	indium 126	NT1	lutetium 156	NT1	phosphorus 24
NT1	indium 128	NT1	lutetium 158	NT1	phosphorus 26
NT1	indium 130	NT1	lutetium 160	NT1	phosphorus 28
NT1	indium 132	NT1	lutetium 162	NT1	phosphorus 30
NT1	indium 134	NT1	lutetium 164	NT1	phosphorus 32
NT1	indium 98	NT1	lutetium 166	NT1	phosphorus 34
NT1	iodine 108	NT1	lutetium 168	NT1	phosphorus 36
NT1	iodine 110	NT1	lutetium 170	NT1	phosphorus 38
NT1	iodine 112	NT1	lutetium 172	NT1	phosphorus 40
NT1	iodine 114	NT1	lutetium 174	NT1	phosphorus 42
NT1	iodine 116	NT1	lutetium 176	NT1	phosphorus 44
NT1	iodine 118	NT1	lutetium 178	NT1	phosphorus 46
NT1	iodine 120	NT1	lutetium 180	NT1	potassium 32
NT1	iodine 122	NT1	lutetium 182	NT1	potassium 34
NT1	iodine 124	NT1	lutetium 184	NT1	potassium 36
NT1	iodine 126	NT1	manganese 44	NT1	potassium 38
NT1	iodine 128	NT1	manganese 46	NT1	potassium 40
NT1	iodine 130	NT1	manganese 48	NT1	potassium 42
NT1	iodine 132	NT1	manganese 50	NT1	potassium 44
NT1	iodine 134	NT1	manganese 52	NT1	potassium 46
NT1	iodine 136	NT1	manganese 54	NT1	potassium 48
NT1	iodine 138	NT1	manganese 56	NT1	potassium 50
NT1	iodine 140	NT1	manganese 58	NT1	potassium 52
NT1	iodine 142	NT1	manganese 60	NT1	potassium 54
NT1	iodine 144	NT1	manganese 62	NT1	potassium 56
NT1	iridium 164	NT1	manganese 64	NT1	praseodymium 122
NT1	iridium 166	NT1	manganese 66	NT1	praseodymium 124
NT1	iridium 168	NT1	manganese 68	NT1	praseodymium 126
NT1	iridium 170	NT1	manganese 70	NT1	praseodymium 128
NT1	iridium 172	NT1	meitnerium 266	NT1	praseodymium 130
NT1	iridium 174	NT1	meitnerium 268	NT1	praseodymium 132
NT1	iridium 176	NT1	meitnerium 270	NT1	praseodymium 134
NT1	iridium 178	NT1	meitnerium 272	NT1	praseodymium 136
NT1	iridium 180	NT1	meitnerium 274	NT1	praseodymium 138
NT1	iridium 182	NT1	meitnerium 276	NT1	praseodymium 140
NT1	iridium 184	NT1	mendelevium 246	NT1	praseodymium 142

NT1 praseodymium 144
 NT1 praseodymium 146
 NT1 praseodymium 148
 NT1 praseodymium 150
 NT1 praseodymium 152
 NT1 praseodymium 154
 NT1 praseodymium 156
 NT1 praseodymium 158
 NT1 promethium 126
 NT1 promethium 128
 NT1 promethium 130
 NT1 promethium 132
 NT1 promethium 134
 NT1 promethium 136
 NT1 promethium 138
 NT1 promethium 140
 NT1 promethium 142
 NT1 promethium 144
 NT1 promethium 146
 NT1 promethium 148
 NT1 promethium 150
 NT1 promethium 152
 NT1 promethium 154
 NT1 promethium 156
 NT1 promethium 158
 NT1 promethium 160
 NT1 promethium 162
 NT1 protactinium 212
 NT1 protactinium 214
 NT1 protactinium 216
 NT1 protactinium 218
 NT1 protactinium 220
 NT1 protactinium 222
 NT1 protactinium 224
 NT1 protactinium 226
 NT1 protactinium 228
 NT1 protactinium 230
 NT1 protactinium 232
 NT1 protactinium 234
 NT1 protactinium 236
 NT1 protactinium 238
 NT1 protactinium 240
 NT1 rhenium 160
 NT1 rhenium 162
 NT1 rhenium 164
 NT1 rhenium 166
 NT1 rhenium 168
 NT1 rhenium 170
 NT1 rhenium 172
 NT1 rhenium 174
 NT1 rhenium 176
 NT1 rhenium 178
 NT1 rhenium 180
 NT1 rhenium 182
 NT1 rhenium 184
 NT1 rhenium 186
 NT1 rhenium 188
 NT1 rhenium 190
 NT1 rhenium 192
 NT1 rhenium 194
 NT1 rhenium 196
 NT1 rhodium 100
 NT1 rhodium 102
 NT1 rhodium 104
 NT1 rhodium 106
 NT1 rhodium 108
 NT1 rhodium 110
 NT1 rhodium 112
 NT1 rhodium 114
 NT1 rhodium 116
 NT1 rhodium 118
 NT1 rhodium 120
 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
 NT1 rubidium 80
 NT1 rubidium 82
 NT1 rubidium 84
 NT1 rubidium 86
 NT1 rubidium 88
 NT1 rubidium 90
 NT1 rubidium 92
 NT1 rubidium 94
 NT1 rubidium 96
 NT1 rubidium 98
 NT1 scandium 36
 NT1 scandium 38
 NT1 scandium 40
 NT1 scandium 42
 NT1 scandium 44
 NT1 scandium 46
 NT1 scandium 48
 NT1 scandium 50
 NT1 scandium 52
 NT1 scandium 54
 NT1 scandium 56
 NT1 scandium 58
 NT1 scandium 60
 NT1 silver 100
 NT1 silver 102
 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
 NT1 silver 122
 NT1 silver 124
 NT1 silver 126
 NT1 silver 128
 NT1 silver 130
 NT1 silver 94
 NT1 silver 96
 NT1 silver 98
 NT1 sodium 18
 NT1 sodium 20
 NT1 sodium 22
 NT1 sodium 24
 NT1 sodium 26
 NT1 sodium 28
 NT1 sodium 30
 NT1 sodium 32
 NT1 sodium 34
 NT1 tantalum 156
 NT1 tantalum 158
 NT1 tantalum 160
 NT1 tantalum 162
 NT1 tantalum 164
 NT1 tantalum 166
 NT1 tantalum 168
 NT1 tantalum 170
 NT1 tantalum 172
 NT1 tantalum 174
 NT1 tantalum 176
 NT1 tantalum 178
 NT1 tantalum 180
 NT1 tantalum 182
 NT1 tantalum 184
 NT1 tantalum 186
 NT1 tantalum 188
 NT1 tantalum 190
 NT1 technetium 100
 NT1 technetium 102

NT1 technetium 104
 NT1 technetium 106
 NT1 technetium 108
 NT1 technetium 110
 NT1 technetium 112
 NT1 technetium 114
 NT1 technetium 116
 NT1 technetium 118
 NT1 technetium 86
 NT1 technetium 88
 NT1 technetium 90
 NT1 technetium 92
 NT1 technetium 94
 NT1 technetium 96
 NT1 technetium 98
 NT1 terbium 136
 NT1 terbium 138
 NT1 terbium 140
 NT1 terbium 142
 NT1 terbium 144
 NT1 terbium 146
 NT1 terbium 148
 NT1 terbium 150
 NT1 terbium 152
 NT1 terbium 154
 NT1 terbium 156
 NT1 terbium 158
 NT1 terbium 160
 NT1 terbium 162
 NT1 terbium 164
 NT1 terbium 166
 NT1 terbium 168
 NT1 terbium 170
 NT1 thallium 176
 NT1 thallium 178
 NT1 thallium 180
 NT1 thallium 182
 NT1 thallium 184
 NT1 thallium 186
 NT1 thallium 188
 NT1 thallium 190
 NT1 thallium 192
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 NT1 thallium 212
 NT1 thulium 144
 NT1 thulium 146
 NT1 thulium 148
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 NT1 thulium 164
 NT1 thulium 166
 NT1 thulium 168
 NT1 thulium 170
 NT1 thulium 172
 NT1 thulium 174
 NT1 thulium 176
 NT1 thulium 178
 NT1 vanadium 40
 NT1 vanadium 42
 NT1 vanadium 44
 NT1 vanadium 46
 NT1 vanadium 48
 NT1 vanadium 50
 NT1 vanadium 52
 NT1 vanadium 54
 NT1 vanadium 56

NT1 vanadium 58
NT1 vanadium 60
NT1 vanadium 62
NT1 vanadium 64
NT1 vanadium 66
NT1 yttrium 100
NT1 yttrium 102
NT1 yttrium 104
NT1 yttrium 106
NT1 yttrium 108
NT1 yttrium 76
NT1 yttrium 78
NT1 yttrium 80
NT1 yttrium 82
NT1 yttrium 84
NT1 yttrium 86
NT1 yttrium 88
NT1 yttrium 90
NT1 yttrium 92
NT1 yttrium 94
NT1 yttrium 96
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
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 aka-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 ljunstrom 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 hydrotorting 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 paraho 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 toscos 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

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-784 RESONANCES; 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

omnitron

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 may be 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 antimitotic 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 benzilic 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 bromosulphothalein
 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 bromosulphothalein
 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 dipyridamole
 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 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
 NT1 carbonic acid derivatives
 NT2 carbamates
 NT3 dedtc
 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 isothiurea
 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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 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 dpsh
 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 nembital
 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 isothiocyanates
 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 bromosulfophthalein
 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 dmso
 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 isothiouraea
 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 anhydrases
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 hydroxyandrostene
 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
 NT3 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 bromosulphophthalein
 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 acetonitrile
 NT2 acrylonitrile
 NT2 propiolonitrile
 NT2 ttf-tcnq
 NT1 nitro compounds
 NT2 dinitrophenol
 NT2 dpph
 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 nitrosourea
 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 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 sulfoxides
 NT2 dmsO
 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 isothiurea
 NT2 thiourea
 NT1 trioctylphosphine sulfide
 NT1 tta
 NT1 ttf-ctnq
 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-ctnq
 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 hhurf 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 MODES

UF 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
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- 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

osweslo 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 guilleminite
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 tyuyamunite
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
- 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 chlorates
- NT1 chloric acid
- NT1 chlorous acid
- NT1 chromates
- NT1 chromic acid
- NT1 chromites
- NT1 cuprates
- NT1 dichromates
- NT1 ferrates
- NT1 ferrites
- NT1 fluorates
- NT1 germanates
 - NT2 bismuth germanates
 - NT2 lead germanates
- NT1 hafnates
- 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 hypochlorous acid
- NT1 hypofluorous acid
- NT1 hypiodous acid
- NT1 hypophosphorous acid
- NT1 iodates
- NT1 iodic acid
- NT1 manganates
- NT1 molybdates
- NT1 molybdophosphates
- NT1 molybdophosphoric acid
- NT1 nickelates
- NT1 niobates
- 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	iodine oxides	NT2	oxychlorides
NT2	neptunium nitrates	NT2	iridium oxides	NT2	oxyfluorides
NT2	nickel nitrates	NT2	iron oxides	NT2	oxyiodides
NT2	niobium nitrates	NT2	krypton oxides	NT1	oxynitrates
NT2	palladium nitrates	NT2	lanthanum oxides	NT1	oxyselenides
NT2	peroxyacetyl nitrate	NT2	lead oxides	NT1	oxysulfides
NT2	petn	NT2	lithium oxides	NT1	oxytellurides
NT2	plutonium nitrates	NT2	lutetium oxides	NT1	perbromates
NT2	polonium nitrates	NT2	magnesium oxides	NT1	perchlorates
NT2	potassium nitrates	NT2	manganese oxides	NT2	aluminium perchlorates
NT2	praseodymium nitrates	NT2	mendelevium oxides	NT2	americium perchlorates
NT2	promethium nitrates	NT2	mercury oxides	NT2	ammonium perchlorates
NT2	protactinium nitrates	NT2	molybdenum oxides	NT2	barium perchlorates
NT2	radium nitrates	NT3	molybdenum blue	NT2	cadmium perchlorates
NT2	rhodium nitrates	NT2	neodymium oxides	NT2	calcium perchlorates
NT2	rubidium nitrates	NT2	neon oxides	NT2	cerium perchlorates
NT2	ruthenium nitrates	NT2	neptunium oxides	NT2	cesium perchlorates
NT2	samarium nitrates	NT2	nickel oxides	NT2	chromium perchlorates
NT2	scandium nitrates	NT2	niobium oxides	NT2	cobalt perchlorates
NT2	silver nitrates	NT2	nitrogen oxides	NT2	copper perchlorates
NT2	sodium nitrates	NT3	nitric oxide	NT2	dysprosium perchlorates
NT2	strontium nitrates	NT3	nitrogen dioxide	NT2	erbium perchlorates
NT2	tellurium nitrates	NT3	nitrous oxide	NT2	europium perchlorates
NT2	terbium nitrates	NT2	nobelium oxides	NT2	gadolinium perchlorates
NT2	thallium nitrates	NT2	osmium oxides	NT2	hafnium perchlorates
NT2	thorium nitrates	NT2	palladium oxides	NT2	holmium perchlorates
NT2	thulium nitrates	NT2	phosphorus oxides	NT2	indium perchlorates
NT2	titanium nitrates	NT2	platinum oxides	NT2	iron perchlorates
NT2	uranium nitrates	NT2	plutonium oxides	NT2	lanthanum perchlorates
NT2	uranyl nitrates	NT3	plutonium dioxide	NT2	lead perchlorates
NT3	unh	NT2	polonium oxides	NT2	lithium perchlorates
NT2	vanadium nitrates	NT2	potassium oxides	NT2	lutetium perchlorates
NT2	ytterbium nitrates	NT2	praseodymium oxides	NT2	magnesium perchlorates
NT2	yttrium nitrates	NT2	promethium oxides	NT2	manganese perchlorates
NT2	zinc nitrates	NT2	protactinium oxides	NT2	mercury perchlorates
NT2	zirconium nitrates	NT2	radium oxides	NT2	neodymium perchlorates
NT1	nitric acid	NT2	radon oxides	NT2	neptunium perchlorates
NT1	nitrites	NT2	rhodium oxides	NT2	plutonium perchlorates
NT1	nitrous acid	NT2	rhodium oxides	NT2	potassium perchlorates
NT1	oxides	NT2	rubidium oxides	NT2	praseodymium perchlorates
NT2	actinium oxides	NT2	ruthenium oxides	NT2	rubidium perchlorates
NT2	aluminium oxides	NT2	samarium oxides	NT2	samarium perchlorates
NT2	americium oxides	NT2	scandium oxides	NT2	scandium perchlorates
NT2	antimony oxides	NT2	selenium oxides	NT2	silver perchlorates
NT2	argon oxides	NT2	silicon oxides	NT2	sodium perchlorates
NT2	arsenic oxides	NT2	silver oxides	NT2	strontium perchlorates
NT2	barium oxides	NT2	sodium oxides	NT2	terbium perchlorates
NT2	berkelium oxides	NT3	sodium tungsten bronze	NT2	thallium perchlorates
NT2	beryllium oxides	NT2	strontium oxides	NT2	thorium perchlorates
NT2	bismuth oxides	NT2	sulfur oxides	NT2	thulium perchlorates
NT2	boron oxides	NT3	sulfur dioxide	NT2	uranium perchlorates
NT2	bromine oxides	NT3	sulfur trioxide	NT2	uranyl perchlorates
NT2	cadmium oxides	NT2	tantalum oxides	NT2	ytterbium perchlorates
NT2	calcium oxides	NT2	technetium oxides	NT2	yttrium perchlorates
NT2	californium oxides	NT2	tellurium oxides	NT2	zinc perchlorates
NT2	carbon oxides	NT2	terbium oxides	NT2	zirconium perchlorates
NT3	carbon dioxide	NT2	thallium oxides	NT1	perchloric acid
NT3	carbon monoxide	NT2	thorium oxides	NT1	periodates
NT2	cerium oxides	NT3	thorotrast	NT1	periodic acid
NT2	cesium oxides	NT2	thulium oxides	NT1	permanganates
NT2	chlorine oxides	NT2	tin oxides	NT1	peroxides
NT2	chromium oxides	NT2	titanium oxides	NT2	benzoyl peroxide
NT2	cobalt oxides	NT2	tritium oxides	NT2	hydrogen peroxide
NT2	copper oxides	NT2	tungsten oxides	NT2	plutonium peroxide
NT2	curium oxides	NT3	sodium tungsten bronze	NT2	uranium peroxide
NT2	dysprosium oxides	NT2	uranium oxides	NT1	perhenates
NT2	einsteinium oxides	NT3	uranium dioxide	NT1	persulfates
NT2	erbium oxides	NT3	uranium oxides u3o8	NT1	persulfuric acid
NT2	europium oxides	NT3	uranium trioxide	NT1	pertechnetates
NT2	fermium oxides	NT2	vanadium oxides	NT1	phosphates
NT2	fluorine oxides	NT2	xenon oxides	NT2	aluminium phosphates
NT2	gadolinium oxides	NT2	ytterbium oxides	NT2	americium phosphates
NT2	gallium oxides	NT2	yttrium oxides	NT2	ammonium phosphates
NT2	germanium oxides	NT3	alloy-in-853	NT2	barium phosphates
NT2	gold oxides	NT2	zinc oxides	NT2	berkelium phosphates
NT2	hafnium oxides	NT2	zirconium oxides	NT2	beryllium phosphates
NT2	helium oxides	NT1	oxycarbides	NT2	bismuth phosphates
NT2	holmium oxides	NT1	oxyhalides	NT2	boron phosphates
NT2	indium oxides	NT2	oxybromides	NT2	cadmium phosphates

NT2	calcium phosphates	NT2	cobalt silicates	NT2	mercury sulfates
NT2	cerium phosphates	NT2	copper silicates	NT2	molybdenum sulfates
NT2	cesium phosphates	NT2	curium silicates	NT2	neodymium sulfates
NT2	chromium phosphates	NT2	dysprosium silicates	NT2	neptunium sulfates
NT2	cobalt phosphates	NT2	europium silicates	NT2	nickel sulfates
NT2	copper phosphates	NT2	germanium silicates	NT2	niobium sulfates
NT2	dysprosium phosphates	NT2	hafnium silicates	NT2	osmium sulfates
NT2	erbium phosphates	NT2	holmium silicates	NT2	platinum sulfates
NT2	europium phosphates	NT2	hydrogen silicates	NT2	plutonium sulfates
NT2	gadolinium phosphates	NT2	indium silicates	NT2	potassium sulfates
NT2	gallium phosphates	NT2	iron silicates	NT2	praseodymium sulfates
NT2	germanium phosphates	NT2	lanthanum silicates	NT2	protactinium sulfates
NT2	hafnium phosphates	NT2	lead silicates	NT2	radium sulfates
NT2	holmium phosphates	NT2	lithium silicates	NT2	rhenium sulfates
NT2	hydrogen phosphates	NT2	lutetium silicates	NT2	rubidium sulfates
NT2	indium phosphates	NT2	magnesium silicates	NT2	ruthenium sulfates
NT2	iron phosphates	NT2	manganese silicates	NT2	samarium sulfates
NT2	lanthanum phosphates	NT2	molybdenum silicates	NT2	scandium sulfates
NT2	lead phosphates	NT2	neodymium silicates	NT2	silver sulfates
NT2	lithium phosphates	NT2	nickel silicates	NT2	sodium sulfates
NT2	lutetium phosphates	NT2	niobium silicates	NT2	strontium sulfates
NT2	magnesium phosphates	NT2	plutonium silicates	NT2	tantalum sulfates
NT2	manganese phosphates	NT2	potassium silicates	NT2	terbium sulfates
NT2	molybdenum phosphates	NT2	praseodymium silicates	NT2	thallium sulfates
NT2	neodymium phosphates	NT2	radium silicates	NT2	thorium sulfates
NT2	neptunium phosphates	NT2	rubidium silicates	NT2	thulium sulfates
NT2	nickel phosphates	NT2	samarium silicates	NT2	tin sulfates
NT2	niobium phosphates	NT2	scandium silicates	NT2	titanium sulfates
NT2	plutonium phosphates	NT2	sodium silicates	NT2	uranium sulfates
NT2	potassium phosphates	NT2	strontium silicates	NT2	uranyl sulfates
NT2	praseodymium phosphates	NT2	tantalum silicates	NT2	vanadium sulfates
NT2	promethium phosphates	NT2	thorium silicates	NT2	ytterbium sulfates
NT2	protactinium phosphates	NT2	thulium silicates	NT2	yttrium sulfates
NT2	rubidium phosphates	NT2	titanium silicates	NT2	zinc sulfates
NT2	samarium phosphates	NT2	uranium silicates	NT2	zirconium sulfates
NT2	scandium phosphates	NT2	uranyl silicates	NT1	sulfites
NT2	silicon phosphates	NT2	vanadium silicates	NT2	acid sulfites
NT2	silver phosphates	NT2	ytterbium silicates	NT1	sulfuric acid
NT2	sodium phosphates	NT2	yttrium silicates	NT1	sulfurous acid
NT2	strontium phosphates	NT2	zinc silicates	NT1	tantalates
NT2	superphosphates	NT2	zirconium silicates	NT1	technetates
NT2	tantalum phosphates	NT1	silicic acid	NT1	tellurates
NT2	technetium phosphates	NT1	stannates	NT1	telluric acid
NT2	terbium phosphates	NT2	cadmium stannates	NT1	titanates
NT2	thallium phosphates	NT1	sulfates	NT2	cadmium titanates
NT2	thorium phosphates	NT2	acid sulfates	NT2	lithium titanates
NT2	thulium phosphates	NT2	actinium sulfates	NT2	plzt
NT2	tin phosphates	NT2	aluminium sulfates	NT2	pzt
NT2	titanium phosphates	NT2	americium sulfates	NT2	strontium titanates
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	triethylphosphine 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 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 tungstophosphates
 NT1 tungstophosphoric acid
 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 vanadates
 NT2 potassium vanadates
 NT2 uranium vanadates
 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
 NT1 zirconates
 NT2 plzt
 NT2 pzt
 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

PANOFSKY RATIO*Charge exchange to capture ratio.*

BT1 dimensionless numbers

RT capture

RT photoproduction

PANSTWOWA 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 ACIDUF *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

PAPAVER 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 paraguayana 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 vleek 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

parasymphathetic 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 schrodinger 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 blankenbecler-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: 1980-02-26; 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

PAUZHETSK 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

*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 (CATION) 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 (CAUTION) 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 *mendelev 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 lignoin

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^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 bambp
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 dowertherm
*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: 1995-08-07; 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 pnp-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 palimpinon 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 lemontovite

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 microbraz 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 rna-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 dehp
 *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 TARGET

INIS: 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 REACTIONS

INIS: 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 TARGET

ETDE: 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 39

INIS: 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 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
 NT2 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

phosphowolframic 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 phosphide 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 March 1997 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 dosimeters

PHOTOGRAPHIC FILM DETECTORS

- UF track detectors (photographic)
- *BT1 radiation detectors
- RT neutron-photon converters
- RT nuclear emulsions

- RT photographic film dosimeters
- RT photographic films

PHOTOGRAPHIC FILM DOSEMETERS

- UF film badges
- UF film dosimeters
- *BT1 dosimeters
- 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 ecac 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 rhodospseudomonas
- 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 bromosulphophthalein
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 mzf 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 picronic acid

UF tnp

UF trinitrophenol

*BT1 chemical explosives

*BT1 nitro compounds

*BT1 phenols

RT organic acids

picronic 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 *phycobilliproteins*
 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*

pigsUSE *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 *hbt 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 forceUSE *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 *pinos*
 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-oxyl

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

PIRANI 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

PITCHBLENDE

***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

plagioclasite

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 holtmark 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 plasmatoms
- 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 alfven 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 plasmopause

PLASMATRON ION SOURCES

2018-02-26

- *BT1 plasma ion sources
- NT1 duoplasmatrons
- NT1 triplasmatoms

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

NT1 platinum 175

NT1 platinum 176

NT1 platinum 177

NT1 platinum 178

NT1 platinum 179

NT1 platinum 180

NT1 platinum 181

NT1 platinum 182

NT1 platinum 183

NT1 platinum 184

NT1 platinum 185

NT1 platinum 186

NT1 platinum 187

NT1 platinum 188

NT1 platinum 189

NT1 platinum 190

NT1 platinum 191

NT1 platinum 192

NT1 platinum 193

NT1 platinum 194

NT1 platinum 195

NT1 platinum 196

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: 1976-07-07

*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 lmfr 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 dnapi
 - 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
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- 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 acetaminofluorenes
- 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 benzanthracene

NT1 benzopyrene
NT1 calixarenes
NT1 cholanthrene
NT1 chrysene
NT1 dimethylbenzanthracene
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 dosimeters
RT nmr imaging
RT polymer gel dosimetry

POLYMER GEL DOSIMETRY

2013-05-29

BT1 dosimetry
RT polymer gel dosimeters

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 dosimeters
 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 pomerons

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

pomerons

USE pomeranchuk 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 barn 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 phebun 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 utr 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 hydroxypropioiphenone

popae

INIS: 2000-04-12; ETDE: 1975-11-11
(Prior to July 1985, this was a valid ETDE descriptor.)
USE popae storage ring

POPAE 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(phenyloxazoly)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 dilatinos
 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-tsf 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 clarkeite
- 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

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	perry-2 reactor	NT1	knk reactor
NT2	fukushima-ii-1 reactor	NT2	philippsburg-1 reactor	NT1	kursk-1 reactor
NT2	fukushima-ii-2 reactor	NT2	phipps bend-1 reactor	NT1	kursk-2 reactor
NT2	fukushima-ii-3 reactor	NT2	phipps bend-2 reactor	NT1	kursk-3 reactor
NT2	fukushima-ii-4 reactor	NT2	pilgrim-1 reactor	NT1	kursk-4 reactor
NT2	garigliano reactor	NT2	quad cities-1 reactor	NT1	lampre-1 reactor
NT2	garona reactor	NT2	quad cities-2 reactor	NT1	leningrad-1 reactor
NT2	ge standard reactor	NT2	ringhals-1 reactor	NT1	leningrad-2 reactor
NT2	graben-1 reactor	NT2	river bend-1 reactor	NT1	leningrad-3 reactor
NT2	graben-2 reactor	NT2	river bend-2 reactor	NT1	leningrad-4 reactor
NT2	grand gulf-1 reactor	NT2	rwe-bayernwerk reactor	NT1	magnox type reactors
NT2	grand gulf-2 reactor	NT2	shika-1 reactor	NT2	berkeley reactor
NT2	gundremmingen-2 reactor	NT2	shika-2 reactor	NT2	bradwell reactor
NT2	gundremmingen-3 reactor	NT2	shimane-1 reactor	NT2	calder hall a-1 reactor
NT2	hamaoka-1 reactor	NT2	shimane-2 reactor	NT2	calder hall a-2 reactor
NT2	hamaoka-2 reactor	NT2	shimane-3 reactor	NT2	calder hall b-3 reactor
NT2	hamaoka-3 reactor	NT2	shoreham reactor	NT2	calder hall b-4 reactor
NT2	hamaoka-4 reactor	NT2	skagit-1 reactor	NT2	chapelcross-1 reactor
NT2	hamaoka-5 reactor	NT2	skagit-2 reactor	NT2	chapelcross-2 reactor
NT2	hartsville-1 reactor	NT2	sl-1 reactor	NT2	chapelcross-3 reactor
NT2	hartsville-2 reactor	NT2	susquehanna-1 reactor	NT2	chapelcross-4 reactor
NT2	hartsville-3 reactor	NT2	susquehanna-2 reactor	NT2	dungeness-a reactor
NT2	hartsville-4 reactor	NT2	tarapur-1 reactor	NT2	hinkley point-a reactor
NT2	hatch-1 reactor	NT2	tarapur-2 reactor	NT2	hunterston-a reactor
NT2	hatch-2 reactor	NT2	tokai-2 reactor	NT2	latina reactor
NT2	hdr reactor	NT2	tsuruga reactor	NT2	oldbury-a reactor
NT2	higashidori-1 reactor	NT2	tullnerfeld reactor	NT2	sizewell-a reactor
NT2	hope creek-1 reactor	NT2	vak reactor	NT2	tokai-mura reactor
NT2	hope creek-2 reactor	NT2	vbwr reactor	NT2	trawsfynydd reactor
NT2	humboldt bay reactor	NT2	vermont yankee reactor	NT2	wylfa reactor
NT2	isar reactor	NT2	verplanck-1 reactor	NT1	marviken reactor
NT2	jpdr-2 reactor	NT2	verplanck-2 reactor	NT1	ml-1 reactor
NT2	jpdr reactor	NT2	vk-50 reactor	NT1	monju reactor
NT2	kaiseraugst reactor	NT2	wnp-2 reactor	NT1	msre reactor
NT2	kashiwazaki-kariwa-1 reactor	NT2	wuergassen reactor	NT1	mzfr reactor
NT2	kashiwazaki-kariwa-2 reactor	NT2	zimmer-1 reactor	NT1	n-reactor
NT2	kashiwazaki-kariwa-3 reactor	NT2	zimmer-2 reactor	NT1	narora-1 reactor
NT2	kashiwazaki-kariwa-4 reactor	NT1	cldr reactor	NT1	narora-2 reactor
NT2	kashiwazaki-kariwa-5 reactor	NT1	chernobylsk-1 reactor	NT1	okg-4 reactor
NT2	kashiwazaki-kariwa-6 reactor	NT1	chernobylsk-2 reactor	NT1	oldbury-b reactor
NT2	kashiwazaki-kariwa-7 reactor	NT1	chernobylsk-3 reactor	NT1	package reactors
NT2	kruemmel reactor	NT1	chernobylsk-4 reactor	NT1	peach bottom-1 reactor
NT2	kuosheng-1 reactor	NT1	chinon-a1 reactor	NT1	pec brasimone reactor
NT2	kuosheng-2 reactor	NT1	chinon-a2 reactor	NT1	perryman-1 reactor
NT2	la salle county-1 reactor	NT1	chinon-a3 reactor	NT1	perryman-2 reactor
NT2	la salle county-2 reactor	NT1	clinch river breeder reactor	NT1	pfr reactor
NT2	lacbwr reactor	NT1	connah quay-b reactor	NT1	phenix reactor
NT2	laguna verde-1 reactor	NT1	dfr reactor	NT1	plbr reactor
NT2	laguna verde-2 reactor	NT1	dragon reactor	NT1	pnpf reactor
NT2	leibstadt reactor	NT1	dungeness-b reactor	NT1	pressure tube reactors
NT2	limerick-1 reactor	NT1	ebor reactor	NT2	atucha-1 reactor
NT2	limerick-2 reactor	NT1	ebr-1 reactor	NT2	atucha-2 reactor
NT2	lingen reactor	NT1	ebr-2 reactor	NT2	candu type reactors
NT2	lungmen-1 reactor	NT1	egcr reactor	NT3	bruce-1 reactor
NT2	lungmen-2 reactor	NT1	enrico fermi-1 reactor	NT3	bruce-2 reactor
NT2	mendocino-1 reactor	NT1	epec reactor	NT3	bruce-3 reactor
NT2	mendocino-2 reactor	NT1	escom reactor	NT3	bruce-4 reactor
NT2	millstone-1 reactor	NT1	evsr reactor	NT3	bruce-5 reactor
NT2	montague-1 reactor	NT1	fulton-1 reactor	NT3	bruce-6 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

NT3	pickering-2 reactor	NT2	beaver valley-1 reactor	NT2	daya bay-1 reactor
NT3	pickering-3 reactor	NT2	beaver valley-2 reactor	NT2	daya bay-2 reactor
NT3	pickering-4 reactor	NT2	bellefonte-1 reactor	NT2	diablo canyon-1 reactor
NT3	pickering-5 reactor	NT2	bellefonte-2 reactor	NT2	diablo canyon-2 reactor
NT3	pickering-6 reactor	NT2	belleville-1 reactor	NT2	doel-1 reactor
NT3	pickering-7 reactor	NT2	belleville-2 reactor	NT2	doel-2 reactor
NT3	pickering-8 reactor	NT2	beznau-1 reactor	NT2	doel-3 reactor
NT3	point lepreau-1 reactor	NT2	beznau-2 reactor	NT2	doel-4 reactor
NT3	point lepreau-2 reactor	NT2	biblis-1 reactor	NT2	efdr-50 reactor
NT3	qinshan-3-1 reactor	NT2	biblis-2 reactor	NT2	emsland reactor
NT3	qinshan-3-2 reactor	NT2	biblis-3 reactor	NT2	erie-1 reactor
NT3	rajasthan-1 reactor	NT2	biblis-4 reactor	NT2	erie-2 reactor
NT3	rajasthan-2 reactor	NT2	blayais-1 reactor	NT2	fangchenggang-1 reactor
NT3	rajasthan-3 reactor	NT2	blayais-2 reactor	NT2	fangchenggang-2 reactor
NT3	rajasthan-4 reactor	NT2	blayais-3 reactor	NT2	fangjiashan-1 reactor
NT3	wolsung-1 reactor	NT2	blayais-4 reactor	NT2	fangjiashan-2 reactor
NT3	wolsung-2 reactor	NT2	blue hills-1 reactor	NT2	farley-1 reactor
NT3	wolsung-3 reactor	NT2	blue hills-2 reactor	NT2	farley-2 reactor
NT3	wolsung-4 reactor	NT2	borssele reactor	NT2	fessenheim-1 reactor
NT2	cirene reactor	NT2	br-3 reactor	NT2	fessenheim-2 reactor
NT2	cvtr reactor	NT2	braidwood-1 reactor	NT2	flamanville-1 reactor
NT2	el-4 reactor	NT2	braidwood-2 reactor	NT2	flamanville-2 reactor
NT2	jatr reactor	NT2	brokdorf reactor	NT2	flamanville-3 reactor
NT2	kalpakkam-1 reactor	NT2	bugey-2 reactor	NT2	forked river-1 reactor
NT2	kalpakkam-2 reactor	NT2	bugey-3 reactor	NT2	fuqing-1 reactor
NT2	lucens reactor	NT2	bugey-4 reactor	NT2	fuqing-2 reactor
NT2	niederaichbach reactor	NT2	bugey-5 reactor	NT2	fuqing-3 reactor
NT2	prtr reactor	NT2	bw standard reactor	NT2	fuqing-4 reactor
NT2	sghwr reactor	NT2	byron-1 reactor	NT2	fuqing-5 reactor
NT1	propulsion reactors	NT2	byron-2 reactor	NT2	fuqing-6 reactor
NT2	aircraft propulsion reactors	NT2	calhoun-1 reactor	NT2	genkai-1 reactor
NT3	xma-1 reactor	NT2	calhoun-2 reactor	NT2	genkai-2 reactor
NT2	ship propulsion reactors	NT2	callaway-1 reactor	NT2	genkai-3 reactor
NT3	efdr-50 reactor	NT2	callaway-2 reactor	NT2	genkai-4 reactor
NT3	lenin reactor	NT2	calvert cliffs-1 reactor	NT2	ginna-1 reactor
NT3	leonid brezhnev reactor	NT2	calvert cliffs-2 reactor	NT2	goesgen reactor
NT3	mutsu reactor	NT2	carem 25 reactor	NT2	golfech-1 reactor
NT3	otto hahn reactor	NT2	catawba-1 reactor	NT2	golfech-2 reactor
NT3	savannah reactor	NT2	catawba-2 reactor	NT2	grafenrheinfeld reactor
NT3	sibir reactor	NT2	cattenom-1 reactor	NT2	gravelines-1 reactor
NT2	space propulsion reactors	NT2	cattenom-2 reactor	NT2	gravelines-2 reactor
NT3	kiwi reactors	NT2	cattenom-3 reactor	NT2	gravelines-3 reactor
NT4	kiwi-tnt reactor	NT2	cattenom-4 reactor	NT2	gravelines-4 reactor
NT3	nerva reactor	NT2	ce standard reactor	NT2	gravelines-5 reactor
NT3	nrx-a1 reactor	NT2	changjiang-1 reactor	NT2	gravelines-6 reactor
NT3	nrx-a2 reactor	NT2	changjiang-2 reactor	NT2	greene county reactor
NT3	nrx-a3 reactor	NT2	chasnupp-1 reactor	NT2	greenwood-2 reactor
NT3	nrx-a4-est reactor	NT2	chasnupp-2 reactor	NT2	greenwood-3 reactor
NT3	nrx-a5 reactor	NT2	chasnupp-3 reactor	NT2	grohnde reactor
NT3	nrx-a6 reactor	NT2	cherokee-1 reactor	NT2	hamm-uentrop reactor
NT3	nrx-a7 reactor	NT2	cherokee-2 reactor	NT2	hanbit-1 reactor
NT3	pewee-1 reactor	NT2	cherokee-3 reactor	NT2	hanbit-2 reactor
NT3	pewee-2 reactor	NT2	chinon-b1 reactor	NT2	hanbit-3 reactor
NT3	pewee-3 reactor	NT2	chinon-b2 reactor	NT2	hanbit-4 reactor
NT3	pewee-4 reactor	NT2	chinon-b3 reactor	NT2	hanbit-5 reactor
NT3	phoebus-1a reactor	NT2	chinon-b4 reactor	NT2	hanbit-6 reactor
NT3	phoebus-1b reactor	NT2	chooz-a reactor	NT2	harris-1 reactor
NT3	phoebus-2a reactor	NT2	chooz-b1 reactor	NT2	harris-2 reactor
NT3	rover reactors	NT2	chooz-b2 reactor	NT2	harris-3 reactor
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	kewaunee reactor	NT2	penly-2 reactor	NT2	tomari-1 reactor
NT2	koeberg-1 reactor	NT2	penly-3 reactor	NT2	tomari-2 reactor
NT2	koeberg-2 reactor	NT2	perkins-1 reactor	NT2	tomari-3 reactor
NT2	kori-1 reactor	NT2	perkins-2 reactor	NT2	tricastin-1 reactor
NT2	kori-2 reactor	NT2	perkins-3 reactor	NT2	tricastin-2 reactor
NT2	kori-3 reactor	NT2	philippsburg-2 reactor	NT2	tricastin-3 reactor
NT2	kori-4 reactor	NT2	pilgrim-2 reactor	NT2	tricastin-4 reactor
NT2	krsko reactor	NT2	pilgrim-3 reactor	NT2	trillo-1 reactor
NT2	lemoniz-1 reactor	NT2	pm-2a reactor	NT2	trojan reactor
NT2	lemoniz-2 reactor	NT2	pm-3a reactor	NT2	tsuruga-2 reactor
NT2	lenin reactor	NT2	pnpp-1 reactor	NT2	turkey point-3 reactor
NT2	leonid brezhnev reactor	NT2	point beach-1 reactor	NT2	turkey point-4 reactor
NT2	lingao-1 reactor	NT2	point beach-2 reactor	NT2	tva-1 reactor
NT2	lingao-2 reactor	NT2	prairie island-1 reactor	NT2	tva-2 reactor
NT2	lingao-3 reactor	NT2	prairie island-2 reactor	NT2	tyrone-1 reactor
NT2	lingao-4 reactor	NT2	qinshan-1 reactor	NT2	tyrone-2 reactor
NT2	loft reactor	NT2	qinshan-2-1 reactor	NT2	ulchin-1 reactor
NT2	lucie-1 reactor	NT2	qinshan-2-2 reactor	NT2	ulchin-2 reactor
NT2	lucie-2 reactor	NT2	qinshan-2-3 reactor	NT2	ulchin-3 reactor
NT2	maanshan-1 reactor	NT2	qinshan-2-4 reactor	NT2	ulchin-4 reactor
NT2	maanshan-2 reactor	NT2	quanicassee-1 reactor	NT2	ulchin-5 reactor
NT2	maine yankee reactor	NT2	quanicassee-2 reactor	NT2	ulchin-6 reactor
NT2	malibu-1 reactor	NT2	rancho seco-1 reactor	NT2	unterweser reactor
NT2	marble hill-1 reactor	NT2	remerschen reactor	NT2	vahnum-1 reactor
NT2	marble hill-2 reactor	NT2	rheinsberg akw1 reactor	NT2	vahnum-2 reactor
NT2	mc guire-1 reactor	NT2	ringhals-2 reactor	NT2	vandellos-2 reactor
NT2	mc guire-2 reactor	NT2	ringhals-3 reactor	NT2	vogtle-1 reactor
NT2	mh-1a reactor	NT2	ringhals-4 reactor	NT2	vogtle-2 reactor
NT2	midland-1 reactor	NT2	robinson-2 reactor	NT2	vogtle-3 reactor
NT2	midland-2 reactor	NT2	rooppur reactor	NT2	vogtle-4 reactor
NT2	mihama-1 reactor	NT2	rowe yankee reactor	NT2	waterford-3 reactor
NT2	mihama-2 reactor	NT2	s1c prototype reactor	NT2	waterford-4 reactor
NT2	mihama-3 reactor	NT2	saint alban-1 reactor	NT2	watts bar-1 reactor
NT2	millstone-2 reactor	NT2	saint alban-2 reactor	NT2	watts bar-2 reactor
NT2	millstone-3 reactor	NT2	saint laurent-b1 reactor	NT2	westinghouse standard reactor
NT2	muelheim-kaerlich reactor	NT2	saint laurent-b2 reactor	NT2	wnp-1 reactor
NT2	mutsu reactor	NT2	salem-1 reactor	NT2	wnp-3 reactor
NT2	neckar-1 reactor	NT2	salem-2 reactor	NT2	wnp-4 reactor
NT2	neckar-2 reactor	NT2	san onofre-1 reactor	NT2	wnp-5 reactor
NT2	nep-1 reactor	NT2	san onofre-2 reactor	NT2	wolf creek-1 reactor
NT2	nep-2 reactor	NT2	san onofre-3 reactor	NT2	wup-3 reactor
NT2	neupotz-1 reactor	NT2	savannah reactor	NT2	wup-4 reactor
NT2	neupotz-2 reactor	NT2	saxton reactor	NT2	wup-5 reactor
NT2	ningde-1 reactor	NT2	seabrook-1 reactor	NT2	wup-6 reactor
NT2	ningde-2 reactor	NT2	seabrook-2 reactor	NT2	wwer type reactors
NT2	ningde-3 reactor	NT2	selni reactor	NT3	armenian-1 reactor
NT2	ningde-4 reactor	NT2	sendai-1 reactor	NT3	armenian-2 reactor
NT2	nogent-1 reactor	NT2	sendai-2 reactor	NT3	balakovo-1 reactor
NT2	nogent-2 reactor	NT2	sequoyah-1 reactor	NT3	balakovo-2 reactor
NT2	north anna-1 reactor	NT2	sequoyah-2 reactor	NT3	balakovo-3 reactor
NT2	north anna-2 reactor	NT2	shin-kori-1 reactor	NT3	balakovo-4 reactor
NT2	north anna-3 reactor	NT2	shin-kori-2 reactor	NT3	blahutovice-1 reactor
NT2	north anna-4 reactor	NT2	shin-kori-3 reactor	NT3	bohunice v-1 reactor
NT2	north coast-1 reactor	NT2	shin-wolsong-1 reactor	NT3	bohunice v-2 reactor
NT2	obrigheim reactor	NT2	shippingport reactor	NT3	dukovany-1 reactor
NT2	oconee-1 reactor	NT2	sizewell-b reactor	NT3	dukovany-2 reactor
NT2	oconee-2 reactor	NT2	sm-1 reactor	NT3	dukovany-3 reactor
NT2	oconee-3 reactor	NT2	sm-1a reactor	NT3	dukovany-4 reactor
NT2	oi-1 reactor	NT2	south texas project-1 reactor	NT3	greifswald-1 reactor
NT2	oi-2 reactor	NT2	south texas project-2 reactor	NT3	greifswald-2 reactor
NT2	oi-3 reactor	NT2	stade reactor	NT3	greifswald-3 reactor
NT2	oi-4 reactor	NT2	sterling-1 reactor	NT3	greifswald-4 reactor
NT2	oktembryan-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
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

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 rajasthan-5 reactor
NT1 rajasthan-6 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 vandello 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 ranges

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 - 7.5×10^3 torr)
 UF vacuum (7.5 - 7.5×10^3 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 (7.5×10^{-9} - 7.5×10^{-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 (7.5×10^{-6} - 7.5×10^{-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 (7.5×10^{-12} - 7.5×10^{-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 (7.5×10^{-3} - 7.5 torr)
 UF vacuum (1-1000 pa)
 UF vacuum (7.5×10^{-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 ptrr 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 dnipro 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-tsrf 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 radication
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 accidental 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

progestin

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 tlatelolco 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 efr-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

PROPYLENE

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
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- 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.*

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 antimesons

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 prnc-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 hpr 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 SALTIX PROCESS were valid ETDE descriptors.)

UF halex 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 borsselle 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 koeborg-1 reactor

NT1 koeborg-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	qinshan-2-4 reactor	NT1	ulchin-4 reactor
NT1	maanshan-2 reactor	NT1	quanicassee-1 reactor	NT1	ulchin-5 reactor
NT1	maine yankee reactor	NT1	quanicassee-2 reactor	NT1	ulchin-6 reactor
NT1	malibu-1 reactor	NT1	rancho seco-1 reactor	NT1	unterweser reactor
NT1	marble hill-1 reactor	NT1	remerschen reactor	NT1	vahnum-1 reactor
NT1	marble hill-2 reactor	NT1	rheinsberg akw1 reactor	NT1	vahnum-2 reactor
NT1	mc guire-1 reactor	NT1	ringhals-2 reactor	NT1	vandellos-2 reactor
NT1	mc guire-2 reactor	NT1	ringhals-3 reactor	NT1	vogtle-1 reactor
NT1	mh-1a reactor	NT1	ringhals-4 reactor	NT1	vogtle-2 reactor
NT1	midland-1 reactor	NT1	robinson-2 reactor	NT1	vogtle-3 reactor
NT1	midland-2 reactor	NT1	rooppur reactor	NT1	vogtle-4 reactor
NT1	mihama-1 reactor	NT1	rowe yankee reactor	NT1	waterford-3 reactor
NT1	mihama-2 reactor	NT1	s1c prototype reactor	NT1	waterford-4 reactor
NT1	mihama-3 reactor	NT1	saint alban-1 reactor	NT1	watts bar-1 reactor
NT1	millstone-2 reactor	NT1	saint alban-2 reactor	NT1	watts bar-2 reactor
NT1	millstone-3 reactor	NT1	saint laurent-b1 reactor	NT1	westinghouse standard reactor
NT1	muelheim-kaerlich reactor	NT1	saint laurent-b2 reactor	NT1	wnp-1 reactor
NT1	mutsu reactor	NT1	saalem-1 reactor	NT1	wnp-3 reactor
NT1	neckar-1 reactor	NT1	saalem-2 reactor	NT1	wnp-4 reactor
NT1	neckar-2 reactor	NT1	san onofre-1 reactor	NT1	wnp-5 reactor
NT1	nep-1 reactor	NT1	san onofre-2 reactor	NT1	wolf creek v-1 reactor
NT1	nep-2 reactor	NT1	san onofre-3 reactor	NT1	wup-3 reactor
NT1	neupotz-1 reactor	NT1	savannah reactor	NT1	wup-4 reactor
NT1	neupotz-2 reactor	NT1	saxton reactor	NT1	wup-5 reactor
NT1	ningde-1 reactor	NT1	seabrook-1 reactor	NT1	wup-6 reactor
NT1	ningde-2 reactor	NT1	seabrook-2 reactor	NT1	wwer type reactors
NT1	ningde-3 reactor	NT1	selni reactor	NT2	armenian-1 reactor
NT1	ningde-4 reactor	NT1	sendai-1 reactor	NT2	armenian-2 reactor
NT1	nogent-1 reactor	NT1	sendai-2 reactor	NT2	balakovo-1 reactor
NT1	nogent-2 reactor	NT1	sequoyah-1 reactor	NT2	balakovo-2 reactor
NT1	north anna-1 reactor	NT1	sequoyah-2 reactor	NT2	balakovo-3 reactor
NT1	north anna-2 reactor	NT1	shin-kori-1 reactor	NT2	balakovo-4 reactor
NT1	north anna-3 reactor	NT1	shin-kori-2 reactor	NT2	blahutovice-1 reactor
NT1	north anna-4 reactor	NT1	shin-kori-3 reactor	NT2	bohunice v-1 reactor
NT1	north coast-1 reactor	NT1	shin-wolsong-1 reactor	NT2	bohunice v-2 reactor
NT1	obrigheim reactor	NT1	shippingport reactor	NT2	dukovany-1 reactor
NT1	oconee-1 reactor	NT1	sizewell-b reactor	NT2	dukovany-2 reactor
NT1	oconee-2 reactor	NT1	sm-1 reactor	NT2	dukovany-3 reactor
NT1	oconee-3 reactor	NT1	sm-1a reactor	NT2	dukovany-4 reactor
NT1	oi-1 reactor	NT1	south texas project-1 reactor	NT2	greifswald-1 reactor
NT1	oi-2 reactor	NT1	south texas project-2 reactor	NT2	greifswald-2 reactor
NT1	oi-3 reactor	NT1	stade reactor	NT2	greifswald-3 reactor
NT1	oi-4 reactor	NT1	sterling-1 reactor	NT2	greifswald-4 reactor
NT1	oktemberyan-2 reactor	NT1	sterling-2 reactor	NT2	greifswald-5 reactor
NT1	olkiluoto-3 reactor	NT1	summer-1 reactor	NT2	greifswald-6 reactor
NT1	otto hahn reactor	NT1	sundesert-1 reactor	NT2	juragua-1 reactor
NT1	palisades-1 reactor	NT1	sundesert-2 reactor	NT2	kalinin-1 reactor
NT1	palo verde-1 reactor	NT1	surry-1 reactor	NT2	kalinin-2 reactor
NT1	palo verde-2 reactor	NT1	surry-2 reactor	NT2	kalinin-3 reactor
NT1	palo verde-3 reactor	NT1	surry-3 reactor	NT2	kalinin-4 reactor
NT1	palo verde-4 reactor	NT1	surry-4 reactor	NT2	kecerovce-1 reactor
NT1	palo verde-5 reactor	NT1	takahama-1 reactor	NT2	khmelnitskij-1 reactor
NT1	paluel-1 reactor	NT1	takahama-2 reactor	NT2	khmelnitskij-2 reactor
NT1	paluel-2 reactor	NT1	takahama-3 reactor	NT2	kola-1 reactor
NT1	paluel-3 reactor	NT1	takahama-4 reactor	NT2	kola-2 reactor
NT1	paluel-4 reactor	NT1	three mile island-1 reactor	NT2	kola-3 reactor
NT1	pat reactor	NT1	three mile island-2 reactor	NT2	kola-4 reactor
NT1	pebble springs-1 reactor	NT1	tihang-2 reactor	NT2	kozloduy-1 reactor
NT1	pebble springs-2 reactor	NT1	tihang-3 reactor	NT2	kozloduy-2 reactor
NT1	penly-1 reactor	NT1	tihang reactor	NT2	kozloduy-3 reactor
NT1	penly-2 reactor	NT1	tomari-1 reactor	NT2	kozloduy-4 reactor
NT1	penly-3 reactor	NT1	tomari-2 reactor	NT2	kozloduy-5 reactor
NT1	perkins-1 reactor	NT1	tomari-3 reactor	NT2	kozloduy-6 reactor
NT1	perkins-2 reactor	NT1	tricastin-1 reactor	NT2	kudankulam-1 reactor
NT1	perkins-3 reactor	NT1	tricastin-2 reactor	NT2	kudankulam-2 reactor
NT1	philippsburg-2 reactor	NT1	tricastin-3 reactor	NT2	loviisa-1 reactor
NT1	pilgrim-2 reactor	NT1	tricastin-4 reactor	NT2	loviisa-2 reactor
NT1	pilgrim-3 reactor	NT1	trillo-1 reactor	NT2	mochovce-1 reactor
NT1	pm-2a reactor	NT1	trojan reactor	NT2	mochovce-2 reactor
NT1	pm-3a reactor	NT1	tsuruga-2 reactor	NT2	novovoronezh-1 reactor
NT1	pnpp-1 reactor	NT1	turkey point-3 reactor	NT2	novovoronezh-2 reactor
NT1	point beach-1 reactor	NT1	turkey point-4 reactor	NT2	novovoronezh-3 reactor
NT1	point beach-2 reactor	NT1	tva-1 reactor	NT2	novovoronezh-4 reactor
NT1	prairie island-1 reactor	NT1	tva-2 reactor	NT2	novovoronezh-5 reactor
NT1	prairie island-2 reactor	NT1	tyrone-1 reactor	NT2	paks-1 reactor
NT1	qinshan-1 reactor	NT1	tyrone-2 reactor	NT2	paks-2 reactor
NT1	qinshan-2-1 reactor	NT1	ulchin-1 reactor	NT2	paks-3 reactor
NT1	qinshan-2-2 reactor	NT1	ulchin-2 reactor	NT2	paks-4 reactor
NT1	qinshan-2-3 reactor	NT1	ulchin-3 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

pyrogalllic acid

USE pyrogallol

PYROGALLOL

UF 1,2,3-trihydroxybenzene

UF pyrogalllic 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 hydrolysis 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 oppec

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 proca 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 aprites
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 dopplerons
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 pomeronchuk 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.
 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 quinzarin

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 quinzarin
 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.
 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.
 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. Decomisioned.

- 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 hardening
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 unsear

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 dosimeters

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 dosimeters

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 dosimeters

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 lnls 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 relic 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 dpqh
 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 thyl 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 atmospherics
 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 lodochnikite

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 djalmaite

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 ravvite

NT3 sabugalite

NT3 saleeite

NT3 schoepite

NT3 sengierite

NT3 sklodowskite

NT3 soddyite

NT3 thorianite

NT3 thucholite

NT3 torbernite

NT3 tyuyamunite

NT3 uraninites

NT4 broeggerite

NT4 pitchblende

NT3 uranium black

NT3 uranophane

NT3 uranothorite

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 uranothorite

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 djalmaite

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 ravvite

NT2 sabugalite

NT2 saleeite

NT2 schoepite

NT2 sengierite

NT2 sklodowskite

NT2 soddyite

NT2 thorianite

NT2 thucholite

NT2 torbernite

NT2 tyuyamunite

NT2 uraninites

NT3 broeggerite

NT3 pitchblende

NT2 uranium black

NT2 uranophane

NT2 uranothorite

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 radioimmunosciintigraphy
 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 cardiography

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 radioimmunodetection
 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 radioimmunodetection
 *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
 NT2 actinium 210
 NT2 actinium 211
 NT2 actinium 212
 NT2 actinium 213
 NT2 actinium 214
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 NT2 americium 231
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NT2 americium 237
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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
 NT2 curium 234
 NT2 curium 235
 NT2 curium 236
 NT2 curium 237
 NT2 curium 238
 NT2 curium 240
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 NT2 darmstadtium 267
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 NT2 dubnium 255
 NT2 dubnium 256
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 NT2 dubnium 262
 NT2 dubnium 263
 NT2 dysprosium 150
 NT2 dysprosium 151
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 NT2 dysprosium 154
 NT2 einsteinium 241
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 NT2 erbium 152
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 NT2 europium 147
 NT2 europium 148
 NT2 fermium 243
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 NT2 flerovium 285
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 NT2 francium 199
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 NT2 gadolinium 148
 NT2 gadolinium 149
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 NT2 gadolinium 151
 NT2 gadolinium 152
 NT2 gold 171
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 NT2 hafnium 156
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 NT2 hafnium 174
 NT2 hassium 263
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 NT2 hassium 269
 NT2 hassium 270
 NT2 hassium 271
 NT2 hassium 275
 NT2 helium 5
 NT2 holmium 151
 NT2 holmium 152
 NT2 holmium 153
 NT2 holmium 154
 NT2 holmium 155
 NT2 iodine 108
 NT2 iodine 111
 NT2 iridium 164

NT2 iridium 165
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 NT2 lithium 5
 NT2 livermorium 290
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 NT2 lutetium 155
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 NT2 samarium 147
 NT2 samarium 148
 NT2 seaborgium 258
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 NT2 tantalum 157
 NT2 tantalum 158
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NT2 tantalum 163
 NT2 tantalum 164
 NT2 tellurium 105
 NT2 tellurium 106
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 NT2 tellurium 110
 NT2 terbium 149
 NT2 terbium 151
 NT2 thallium 177
 NT2 thallium 178
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 NT2 thulium 153
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 NT2 tungsten 158
 NT2 tungsten 159
 NT2 tungsten 160
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 NT2 tungsten 166
 NT2 uranium 217
 NT2 uranium 218
 NT2 uranium 219
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 NT2 uranium 238

NT2	xenon 109	NT3	arsenic 87	NT3	cadmium 122
NT2	xenon 110	NT3	arsenic 88	NT3	cadmium 123
NT2	xenon 111	NT3	arsenic 89	NT3	cadmium 124
NT2	xenon 112	NT3	arsenic 90	NT3	cadmium 125
NT2	ytterbium 154	NT3	arsenic 91	NT3	cadmium 126
NT2	ytterbium 155	NT3	arsenic 92	NT3	cadmium 127
NT2	ytterbium 156	NT3	astatine 217	NT3	cadmium 128
NT2	ytterbium 157	NT3	astatine 218	NT3	cadmium 129
NT2	ytterbium 158	NT3	astatine 219	NT3	cadmium 130
NT1	beta decay radioisotopes	NT3	astatine 220	NT3	cadmium 131
NT2	beta-minus decay radioisotopes	NT3	astatine 221	NT3	cadmium 132
NT3	actinium 226	NT3	astatine 222	NT3	calcium 45
NT3	actinium 227	NT3	astatine 223	NT3	calcium 47
NT3	actinium 228	NT3	barium 139	NT3	calcium 49
NT3	actinium 229	NT3	barium 140	NT3	calcium 50
NT3	actinium 230	NT3	barium 141	NT3	calcium 51
NT3	actinium 231	NT3	barium 142	NT3	calcium 52
NT3	actinium 232	NT3	barium 143	NT3	calcium 53
NT3	actinium 233	NT3	barium 144	NT3	calcium 54
NT3	actinium 234	NT3	barium 145	NT3	calcium 55
NT3	actinium 235	NT3	barium 146	NT3	calcium 56
NT3	actinium 236	NT3	barium 147	NT3	calcium 57
NT3	aluminium 28	NT3	barium 148	NT3	calcium 58
NT3	aluminium 29	NT3	barium 149	NT3	calcium 60
NT3	aluminium 30	NT3	barium 150	NT3	californium 253
NT3	aluminium 31	NT3	barium 151	NT3	californium 255
NT3	aluminium 32	NT3	barium 152	NT3	carbon 14
NT3	aluminium 34	NT3	barium 153	NT3	carbon 15
NT3	aluminium 36	NT3	berkelium 248	NT3	carbon 16
NT3	aluminium 37	NT3	berkelium 249	NT3	carbon 17
NT3	aluminium 40	NT3	berkelium 250	NT3	carbon 18
NT3	aluminium 41	NT3	berkelium 251	NT3	cerium 141
NT3	aluminium 42	NT3	berkelium 252	NT3	cerium 143
NT3	americium 242	NT3	berkelium 253	NT3	cerium 144
NT3	americium 244	NT3	berkelium 254	NT3	cerium 145
NT3	americium 245	NT3	beryllium 10	NT3	cerium 146
NT3	americium 246	NT3	beryllium 11	NT3	cerium 147
NT3	americium 247	NT3	beryllium 12	NT3	cerium 148
NT3	americium 248	NT3	beryllium 14	NT3	cerium 149
NT3	americium 249	NT3	bismuth 210	NT3	cerium 150
NT3	antimony 122	NT3	bismuth 211	NT3	cerium 151
NT3	antimony 124	NT3	bismuth 212	NT3	cerium 152
NT3	antimony 125	NT3	bismuth 213	NT3	cerium 153
NT3	antimony 126	NT3	bismuth 214	NT3	cerium 154
NT3	antimony 127	NT3	bismuth 215	NT3	cerium 155
NT3	antimony 128	NT3	bismuth 216	NT3	cerium 156
NT3	antimony 129	NT3	bismuth 217	NT3	cerium 157
NT3	antimony 130	NT3	bismuth 218	NT3	cesium 130
NT3	antimony 131	NT3	boron 12	NT3	cesium 132
NT3	antimony 132	NT3	boron 13	NT3	cesium 134
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NT3	argon 44	NT3	bromine 87	NT3	cesium 146
NT3	argon 45	NT3	bromine 88	NT3	cesium 147
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NT3	cobalt 62	NT3	francium 225	NT3	indium 118
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NT3	cobalt 64	NT3	francium 227	NT3	indium 120
NT3	cobalt 65	NT3	francium 228	NT3	indium 121
NT3	cobalt 66	NT3	francium 229	NT3	indium 122
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NT2	californium 237	NT2	erbium 151	NT2	gold 193
NT2	californium 239	NT2	erbium 152	NT2	gold 195
NT2	carbon 10	NT2	erbium 153	NT2	gold 196
NT2	carbon 15	NT2	erbium 167	NT2	gold 197
NT2	cerium 121	NT2	erbium 176	NT2	gold 202
NT2	cerium 122	NT2	erbium 177	NT2	gold 203
NT2	cerium 123	NT2	europium 135	NT2	gold 204
NT2	cerium 124	NT2	europium 136	NT2	gold 205
NT2	cerium 125	NT2	europium 138	NT2	hafnium 154
NT2	cerium 126	NT2	europium 139	NT2	hafnium 158
NT2	cerium 127	NT2	europium 140	NT2	hafnium 159
NT2	cerium 135	NT2	europium 141	NT2	hafnium 160
NT2	cerium 139	NT2	europium 142	NT2	hafnium 161
NT2	cerium 147	NT2	europium 144	NT2	hafnium 162
NT2	cerium 148	NT2	europium 160	NT2	hafnium 163
NT2	cerium 149	NT2	europium 161	NT2	hafnium 177
NT2	cerium 150	NT2	europium 162	NT2	hafnium 178
NT2	cerium 151	NT2	europium 163	NT2	hafnium 179
NT2	cerium 152	NT2	europium 164	NT2	hafnium 187
NT2	cesium 115	NT2	fermium 245	NT2	hafnium 188
NT2	cesium 116	NT2	fermium 246	NT2	hassium 269
NT2	cesium 117	NT2	fermium 247	NT2	hassium 270
NT2	cesium 118	NT2	fermium 248	NT2	hassium 271
NT2	cesium 119	NT2	fermium 250	NT2	hassium 272
NT2	cesium 122	NT2	fermium 259	NT2	holmium 145
NT2	cesium 123	NT2	flerovium 289	NT2	holmium 146
NT2	cesium 124	NT2	fluorine 20	NT2	holmium 148
NT2	cesium 136	NT2	fluorine 21	NT2	holmium 149
NT2	cesium 141	NT2	fluorine 22	NT2	holmium 150
NT2	cesium 142	NT2	fluorine 23	NT2	holmium 151
NT2	cesium 143	NT2	francium 204	NT2	holmium 152
NT2	cesium 144	NT2	francium 205	NT2	holmium 159
NT2	chlorine 33	NT2	francium 206	NT2	holmium 161
NT2	chlorine 34	NT2	francium 207	NT2	holmium 163
NT2	chlorine 38	NT2	francium 208	NT2	holmium 170
NT2	chlorine 41	NT2	francium 209	NT2	holmium 171
NT2	chromium 57	NT2	francium 213	NT2	holmium 172
NT2	chromium 58	NT2	francium 220	NT2	holmium 173
NT2	chromium 59	NT2	francium 226	NT2	holmium 174
NT2	cobalt 63	NT2	francium 228	NT2	holmium 175
NT2	cobalt 65	NT2	francium 229	NT2	indium 101
NT2	copernicium 285	NT2	francium 230	NT2	indium 102
NT2	copper 58	NT2	francium 231	NT2	indium 104
NT2	copper 68	NT2	francium 232	NT2	indium 105
NT2	copper 70	NT2	gadolinium 135	NT2	indium 107
NT2	copper 71	NT2	gadolinium 140	NT2	indium 116
NT2	copper 72	NT2	gadolinium 141	NT2	indium 118
NT2	copper 73	NT2	gadolinium 143	NT2	indium 120
NT2	copper 74	NT2	gadolinium 164	NT2	indium 121

NT2 indium 122
 NT2 indium 123
 NT2 indium 124
 NT2 indium 125
 NT2 indium 126
 NT2 indium 127
 NT2 indium 129
 NT2 indium 98
 NT2 indium 99
 NT2 iodine 111
 NT2 iodine 112
 NT2 iodine 113
 NT2 iodine 114
 NT2 iodine 116
 NT2 iodine 133
 NT2 iodine 136
 NT2 iodine 137
 NT2 iodine 138
 NT2 iodine 139
 NT2 iridium 170
 NT2 iridium 171
 NT2 iridium 172
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 NT2 iridium 175
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 NT2 iridium 191
 NT2 iridium 196
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 NT2 iridium 199
 NT2 iridium 202
 NT2 iron 52
 NT2 iron 63
 NT2 iron 64
 NT2 krypton 72
 NT2 krypton 73
 NT2 krypton 79
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 NT2 krypton 90
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 NT2 krypton 93
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 NT2 lanthanum 120
 NT2 lanthanum 121
 NT2 lanthanum 122
 NT2 lanthanum 123
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 NT2 lawrencium 255
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 NT2 lawrencium 258
 NT2 lawrencium 259
 NT2 lead 185
 NT2 lead 186
 NT2 lead 187
 NT2 lead 188
 NT2 lead 189
 NT2 lead 203
 NT2 lutetium 154
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 NT2 lutetium 158
 NT2 lutetium 159
 NT2 lutetium 160
 NT2 lutetium 183
 NT2 lutetium 184
 NT2 magnesium 22
 NT2 magnesium 23

NT2 magnesium 29
 NT2 manganese 58
 NT2 manganese 59
 NT2 manganese 60
 NT2 meitnerium 271
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 NT2 meitnerium 273
 NT2 meitnerium 274
 NT2 mendelevium 247
 NT2 mendelevium 248
 NT2 mendelevium 249
 NT2 mendelevium 250
 NT2 mercury 179
 NT2 mercury 180
 NT2 mercury 181
 NT2 mercury 182
 NT2 mercury 183
 NT2 mercury 184
 NT2 mercury 185
 NT2 molybdenum 105
 NT2 molybdenum 106
 NT2 molybdenum 107
 NT2 molybdenum 108
 NT2 molybdenum 110
 NT2 molybdenum 86
 NT2 molybdenum 87
 NT2 neodymium 127
 NT2 neodymium 129
 NT2 neodymium 130
 NT2 neodymium 131
 NT2 neodymium 137
 NT2 neodymium 153
 NT2 neodymium 154
 NT2 neodymium 155
 NT2 neodymium 156
 NT2 neon 18
 NT2 neon 19
 NT2 neon 23
 NT2 nickel 67
 NT2 nickel 69
 NT2 nickel 70
 NT2 nickel 71
 NT2 nickel 72
 NT2 nickel 74
 NT2 niobium 100
 NT2 niobium 101
 NT2 niobium 102
 NT2 niobium 103
 NT2 niobium 104
 NT2 niobium 105
 NT2 niobium 106
 NT2 niobium 83
 NT2 niobium 84
 NT2 niobium 85
 NT2 niobium 90
 NT2 niobium 97
 NT2 niobium 98
 NT2 niobium 99
 NT2 nitrogen 16
 NT2 nitrogen 17
 NT2 nobelium 252
 NT2 nobelium 254
 NT2 nobelium 256
 NT2 nobelium 257
 NT2 osmium 168
 NT2 osmium 169
 NT2 osmium 170
 NT2 osmium 171
 NT2 osmium 172
 NT2 osmium 173
 NT2 osmium 174
 NT2 osmium 192
 NT2 osmium 199
 NT2 osmium 200
 NT2 oxygen 19
 NT2 oxygen 20
 NT2 oxygen 21
 NT2 oxygen 22
 NT2 palladium 107

NT2 palladium 115
 NT2 palladium 116
 NT2 palladium 117
 NT2 palladium 118
 NT2 palladium 93
 NT2 palladium 94
 NT2 palladium 95
 NT2 phosphorus 29
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 NT2 phosphorus 35
 NT2 phosphorus 36
 NT2 phosphorus 37
 NT2 platinum 175
 NT2 platinum 176
 NT2 platinum 177
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 NT2 polonium 196
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 NT2 potassium 38
 NT2 potassium 47
 NT2 potassium 48
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 NT2 praseodymium 124
 NT2 praseodymium 125
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 NT2 praseodymium 127
 NT2 praseodymium 128
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 NT2 praseodymium 130
 NT2 praseodymium 150
 NT2 praseodymium 151
 NT2 praseodymium 152
 NT2 praseodymium 153
 NT2 praseodymium 154
 NT2 promethium 128
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 NT2 promethium 130
 NT2 promethium 131
 NT2 promethium 132
 NT2 promethium 133
 NT2 promethium 134
 NT2 promethium 135
 NT2 promethium 140
 NT2 promethium 142
 NT2 promethium 155
 NT2 promethium 156
 NT2 promethium 157
 NT2 promethium 158
 NT2 promethium 159
 NT2 protactinium 225
 NT2 radium 207
 NT2 radium 208
 NT2 radium 209
 NT2 radium 210
 NT2 radium 211
 NT2 radium 212
 NT2 radium 214
 NT2 radium 221
 NT2 radium 222
 NT2 radium 233
 NT2 radium 234
 NT2 radon 200
 NT2 radon 201
 NT2 radon 202
 NT2 radon 203
 NT2 radon 219

NT2	radon 220	NT2	silicon 27	NT2	thallium 195
NT2	radon 227	NT2	silicon 33	NT2	thallium 197
NT2	radon 228	NT2	silicon 34	NT2	thallium 207
NT2	rhodium 165	NT2	silver 101	NT2	thorium 215
NT2	rhodium 166	NT2	silver 103	NT2	thorium 223
NT2	rhodium 167	NT2	silver 107	NT2	thorium 224
NT2	rhodium 168	NT2	silver 109	NT2	thulium 151
NT2	rhodium 169	NT2	silver 110	NT2	thulium 152
NT2	rhodium 170	NT2	silver 114	NT2	thulium 153
NT2	rhodium 171	NT2	silver 115	NT2	thulium 154
NT2	rhodium 172	NT2	silver 116	NT2	thulium 155
NT2	rhodium 192	NT2	silver 117	NT2	thulium 156
NT2	rhodium 194	NT2	silver 118	NT2	thulium 162
NT2	rhodium 195	NT2	silver 119	NT2	thulium 178
NT2	rhodium 196	NT2	silver 120	NT2	thulium 179
NT2	rhodium 104	NT2	silver 122	NT2	tin 102
NT2	rhodium 105	NT2	silver 96	NT2	tin 103
NT2	rhodium 106	NT2	silver 97	NT2	tin 105
NT2	rhodium 108	NT2	silver 98	NT2	tin 128
NT2	rhodium 110	NT2	silver 99	NT2	tin 131
NT2	rhodium 111	NT2	sodium 21	NT2	tin 132
NT2	rhodium 112	NT2	sodium 25	NT2	tin 133
NT2	rhodium 113	NT2	sodium 26	NT2	tin 134
NT2	rhodium 114	NT2	strontium 76	NT2	titanium 53
NT2	rhodium 117	NT2	strontium 77	NT2	tungsten 160
NT2	rhodium 90	NT2	strontium 83	NT2	tungsten 162
NT2	rhodium 91	NT2	strontium 95	NT2	tungsten 163
NT2	rhodium 92	NT2	strontium 96	NT2	tungsten 164
NT2	rhodium 93	NT2	sulfur 30	NT2	tungsten 165
NT2	rhodium 94	NT2	sulfur 31	NT2	tungsten 166
NT2	roentgenium 280	NT2	sulfur 39	NT2	tungsten 167
NT2	rubidium 75	NT2	sulfur 40	NT2	tungsten 168
NT2	rubidium 76	NT2	tantalum 160	NT2	tungsten 169
NT2	rubidium 80	NT2	tantalum 161	NT2	tungsten 183
NT2	rubidium 91	NT2	tantalum 162	NT2	vanadium 43
NT2	rubidium 92	NT2	tantalum 163	NT2	vanadium 54
NT2	rubidium 93	NT2	tantalum 164	NT2	vanadium 55
NT2	rubidium 94	NT2	tantalum 165	NT2	xenon 112
NT2	ruthenium 109	NT2	tantalum 166	NT2	xenon 113
NT2	ruthenium 110	NT2	tantalum 188	NT2	xenon 114
NT2	ruthenium 111	NT2	technetium 100	NT2	xenon 115
NT2	ruthenium 112	NT2	technetium 102	NT2	xenon 116
NT2	ruthenium 113	NT2	technetium 103	NT2	xenon 125
NT2	ruthenium 89	NT2	technetium 106	NT2	xenon 139
NT2	ruthenium 90	NT2	technetium 107	NT2	xenon 140
NT2	ruthenium 91	NT2	technetium 108	NT2	xenon 141
NT2	ruthenium 93	NT2	technetium 109	NT2	xenon 142
NT2	rutherfordium 253	NT2	technetium 87	NT2	xenon 144
NT2	rutherfordium 255	NT2	technetium 88	NT2	ytterbium 153
NT2	rutherfordium 257	NT2	technetium 90	NT2	ytterbium 155
NT2	rutherfordium 259	NT2	tellurium 108	NT2	ytterbium 156
NT2	rutherfordium 262	NT2	tellurium 109	NT2	ytterbium 157
NT2	samarium 130	NT2	tellurium 110	NT2	ytterbium 169
NT2	samarium 131	NT2	tellurium 111	NT2	ytterbium 176
NT2	samarium 132	NT2	tellurium 135	NT2	ytterbium 177
NT2	samarium 133	NT2	tellurium 136	NT2	yttrium 78
NT2	samarium 134	NT2	tellurium 137	NT2	yttrium 79
NT2	samarium 135	NT2	tellurium 138	NT2	yttrium 80
NT2	samarium 136	NT2	terbium 139	NT2	yttrium 82
NT2	samarium 137	NT2	terbium 140	NT2	yttrium 84
NT2	samarium 139	NT2	terbium 141	NT2	yttrium 89
NT2	samarium 159	NT2	terbium 143	NT2	yttrium 96
NT2	samarium 160	NT2	terbium 144	NT2	yttrium 97
NT2	samarium 161	NT2	terbium 145	NT2	yttrium 98
NT2	samarium 162	NT2	terbium 146	NT2	yttrium 99
NT2	scandium 42	NT2	terbium 151	NT2	zinc 73
NT2	scandium 46	NT2	terbium 158	NT2	zinc 75
NT2	scandium 51	NT2	terbium 166	NT2	zinc 76
NT2	scandium 52	NT2	terbium 167	NT2	zinc 77
NT2	seaborgium 265	NT2	terbium 168	NT2	zinc 78
NT2	seaborgium 266	NT2	terbium 169	NT2	zinc 79
NT2	seaborgium 268	NT2	terbium 170	NT2	zirconium 100
NT2	selenium 69	NT2	thallium 180	NT2	zirconium 101
NT2	selenium 77	NT2	thallium 181	NT2	zirconium 102
NT2	selenium 85	NT2	thallium 182	NT2	zirconium 103
NT2	selenium 86	NT2	thallium 184	NT2	zirconium 104
NT2	selenium 87	NT2	thallium 185	NT2	zirconium 83
NT2	selenium 88	NT2	thallium 186	NT2	zirconium 85
NT2	silicon 26	NT2	thallium 187	NT2	zirconium 87

NT2 zirconium 98
 NT2 zirconium 99
 NT1 spontaneous fission radioisotopes
 NT2 americium 237
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 NT2 curium 250
 NT2 darmstadtium 272
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 NT2 darmstadtium 281
 NT2 dubnium 255
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 NT2 fermium 257
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 NT2 fermium 260
 NT2 fermium 264
 NT2 flerovium 286
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 NT2 hassium 265
 NT2 meitnerium 266
 NT2 mendelevium 245
 NT2 mendelevium 246

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 NT2 neptunium 237
 NT2 nobelium 250
 NT2 nobelium 252
 NT2 nobelium 254
 NT2 nobelium 256
 NT2 nobelium 258
 NT2 plutonium 235
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 NT2 rutherfordium 253
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 NT2 rutherfordium 262
 NT2 rutherfordium 263
 NT2 rutherfordium 267
 NT2 seaborgium 258
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 NT2 uranium 232
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 NT2 uranium 235
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 NT1 years living radioisotopes
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 NT2 barium 133
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 NT2 beryllium 10
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 NT2 calcium 41
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 NT2 carbon 14
 NT2 cesium 134
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 NT2 cesium 137
 NT2 chlorine 36
 NT2 cobalt 60

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 NT2 dysprosium 154
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 NT2 iodine 129
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 NT2 iron 55
 NT2 iron 60
 NT2 krypton 81
 NT2 krypton 85
 NT2 lanthanum 137
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 NT2 lead 202
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 NT2 manganese 53
 NT2 mercury 194
 NT2 molybdenum 93
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 NT2 promethium 147
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 NT2 rhenium 186
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 NT2 rhodium 101
 NT2 rubidium 87
 NT2 ruthenium 106
 NT2 samarium 146
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 NT2 thallium 204
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 NT2 thorium 232
 NT2 thulium 171
 NT2 tin 121
 NT2 tin 126
 NT2 titanium 44
 NT2 tritium
 NT2 uranium 232
 NT2 uranium 233
 NT2 uranium 234
 NT2 uranium 235
 NT2 uranium 236
 NT2 uranium 238
 NT2 vanadium 50
 NT2 zirconium 93

RT biological localization
 RT carrier-free isotopes
 RT carriers
 RT natural occurrence
 RT nuclear medicine
 RT radiation sources
 RT radioactive materials
 RT radioactivity
 RT radioimmunoassay
 RT radioisotope batteries
 RT radionuclide administration
 RT radionuclide kinetics
 RT radionuclide metrology
 RT radionuclide migration
 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 antimitotic 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 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
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- NT1 radon 218
- NT1 radon 219
- NT1 radon 220
- NT1 radon 221
- NT1 radon 222
- NT1 radon 223

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
 NT2 dysprosium nitrides
 NT2 dysprosium oxides
 NT2 dysprosium perchlorates
 NT2 dysprosium phosphates
 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
 NT2 erbium hydroxides
 NT2 erbium nitrates
 NT2 erbium nitrides
 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
 NT2 gadolinium hydrides
 NT2 gadolinium hydroxides
 NT2 gadolinium nitrates
 NT2 gadolinium nitrides
 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	NT2	praseodymium hydrides	NT3	thulium chlorides
NT1	lanthanum compounds	NT2	praseodymium hydroxides	NT3	thulium fluorides
NT2	lanthanum borides	NT2	praseodymium nitrates	NT3	thulium iodides
NT2	lanthanum carbides	NT2	praseodymium nitrides	NT2	thulium hydrides
NT2	lanthanum carbonates	NT2	praseodymium oxides	NT2	thulium hydroxides
NT2	lanthanum halides	NT2	praseodymium perchlorates	NT2	thulium nitrates
NT3	lanthanum bromides	NT2	praseodymium phosphates	NT2	thulium nitrides
NT3	lanthanum chlorides	NT2	praseodymium phosphides	NT2	thulium oxides
NT3	lanthanum fluorides	NT2	praseodymium selenides	NT2	thulium perchlorates
NT3	lanthanum iodides	NT2	praseodymium silicates	NT2	thulium phosphates
NT2	lanthanum hydrides	NT2	praseodymium silicides	NT2	thulium phosphides
NT2	lanthanum hydroxides	NT2	praseodymium sulfates	NT2	thulium selenides
NT2	lanthanum nitrates	NT2	praseodymium sulfides	NT2	thulium silicates
NT2	lanthanum nitrides	NT2	praseodymium tellurides	NT2	thulium silicides
NT2	lanthanum oxides	NT2	praseodymium tungstates	NT2	thulium sulfates
NT2	lanthanum perchlorates	NT1	promethium compounds	NT2	thulium sulfides
NT2	lanthanum phosphates	NT2	promethium halides	NT2	thulium tellurides
NT2	lanthanum phosphides	NT3	promethium bromides	NT1	ytterbium compounds
NT2	lanthanum selenides	NT3	promethium chlorides	NT2	ytterbium borides
NT2	lanthanum silicates	NT3	promethium fluorides	NT2	ytterbium carbides
NT2	lanthanum silicides	NT3	promethium iodides	NT2	ytterbium carbonates
NT2	lanthanum sulfates	NT2	promethium hydroxides	NT2	ytterbium halides
NT2	lanthanum sulfides	NT2	promethium nitrates	NT3	ytterbium bromides
NT2	lanthanum tellurides	NT2	promethium oxides	NT3	ytterbium chlorides
NT2	lanthanum tungstates	NT2	promethium phosphates	NT3	ytterbium fluorides
NT2	plzt	NT1	samarium compounds	NT3	ytterbium iodides
NT1	lutetium compounds	NT2	samarium arsenides	NT2	ytterbium hydrides
NT2	lutetium borides	NT2	samarium borides	NT2	ytterbium hydroxides
NT2	lutetium carbides	NT2	samarium carbides	NT2	ytterbium nitrates
NT2	lutetium carbonates	NT2	samarium carbonates	NT2	ytterbium nitrides
NT2	lutetium halides	NT2	samarium halides	NT2	ytterbium oxides
NT3	lutetium bromides	NT3	samarium bromides	NT2	ytterbium perchlorates
NT3	lutetium chlorides	NT3	samarium chlorides	NT2	ytterbium phosphates
NT3	lutetium fluorides	NT3	samarium fluorides	NT2	ytterbium phosphides
NT3	lutetium iodides	NT3	samarium iodides	NT2	ytterbium selenides
NT2	lutetium hydrides	NT2	samarium hydrides	NT2	ytterbium silicates
NT2	lutetium hydroxides	NT2	samarium hydroxides	NT2	ytterbium silicides
NT2	lutetium nitrates	NT2	samarium nitrates	NT2	ytterbium sulfates
NT2	lutetium oxides	NT2	samarium nitrides	NT2	ytterbium sulfides
NT2	lutetium perchlorates	NT2	samarium oxides	NT2	ytterbium tellurides
NT2	lutetium phosphates	NT2	samarium perchlorates	NT2	ytterbium tungstates
NT2	lutetium selenides	NT2	samarium phosphates		
NT2	lutetium silicates	NT2	samarium phosphides		
NT2	lutetium silicides	NT2	samarium selenides		
NT2	lutetium sulfates	NT2	samarium silicates		
NT2	lutetium sulfides	NT2	samarium silicides		
NT2	lutetium tungstates	NT2	samarium sulfates		
NT1	neodymium compounds	NT2	samarium sulfides		
NT2	neodymium borides	NT2	samarium tellurides		
NT2	neodymium carbides	NT2	samarium tungstates		
NT2	neodymium carbonates	NT1	terbium compounds		
NT2	neodymium halides	NT2	terbium arsenides		
NT3	neodymium bromides	NT2	terbium borides		
NT3	neodymium chlorides	NT2	terbium carbides		
NT3	neodymium fluorides	NT2	terbium carbonates		
NT3	neodymium iodides	NT2	terbium halides		
NT2	neodymium hydrides	NT3	terbium bromides		
NT2	neodymium hydroxides	NT3	terbium chlorides		
NT2	neodymium nitrates	NT3	terbium fluorides		
NT2	neodymium nitrides	NT3	terbium iodides		
NT2	neodymium oxides	NT2	terbium hydrides		
NT2	neodymium perchlorates	NT2	terbium hydroxides		
NT2	neodymium phosphates	NT2	terbium nitrates		
NT2	neodymium silicates	NT2	terbium nitrides		
NT2	neodymium silicides	NT2	terbium oxides		
NT2	neodymium sulfates	NT2	terbium perchlorates		
NT2	neodymium sulfides	NT2	terbium phosphates		
NT2	neodymium tellurides	NT2	terbium phosphides		
NT2	neodymium tungstates	NT2	terbium selenides		
NT1	praseodymium compounds	NT2	terbium silicides		
NT2	praseodymium arsenides	NT2	terbium sulfates		
NT2	praseodymium borides	NT2	terbium sulfides		
NT2	praseodymium carbides	NT2	terbium tellurides		
NT2	praseodymium carbonates	NT1	thulium compounds		
NT2	praseodymium halides	NT2	thulium arsenides		
NT3	praseodymium bromides	NT2	thulium borides		
NT3	praseodymium chlorides	NT2	thulium carbides		
NT3	praseodymium fluorides	NT2	thulium halides		
NT3	praseodymium iodides	NT3	thulium bromides		

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

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

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 NT1 dysprosium 138
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 NT1 thulium 144
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 NT1 ytterbium 148
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 NT1 ytterbium 151
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 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 parr-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 nirus 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 puspatti

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 ill high flux reactor
 NT2 acpr reactor
 NT2 aerojet-general nucleonics reactors
 NT3 agn-201k reactor
 NT3 agn 201 costanza
 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 src-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 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	montague-2 reactor	NT2	egcr reactor
NT3	douglas point-1 reactor	NT3	montalto di castro-1 reactor	NT2	el-3 reactor
NT3	douglas point-2 reactor	NT3	montalto di castro-2 reactor	NT2	el-4 reactor
NT3	dresden-1 reactor	NT3	monticello reactor	NT2	enrico fermi-1 reactor
NT3	dresden-2 reactor	NT3	muehleberg reactor	NT2	entc lwsr reactor
NT3	dresden-3 reactor	NT3	nine mile point-1 reactor	NT2	eocr reactor
NT3	duane arnold-1 reactor	NT3	nine mile point-2 reactor	NT2	es-salam reactor
NT3	ebwr reactor	NT3	okg-1 reactor	NT2	esada-vesr reactor
NT3	enel-4 reactor	NT3	okg-2 reactor	NT2	essor reactor
NT3	enrico fermi-2 reactor	NT3	okg-3 reactor	NT2	etr reactor
NT3	err reactor	NT3	olkiluoto-1 reactor	NT2	etrc reactor
NT3	fitzpatrick reactor	NT3	olkiluoto-2 reactor	NT2	etrr-2 reactor
NT3	forsmark-1 reactor	NT3	onagawa-1 reactor	NT2	evsr reactor
NT3	forsmark-2 reactor	NT3	onagawa-2 reactor	NT2	ewg-1 reactor
NT3	forsmark-3 reactor	NT3	onagawa-3 reactor	NT2	fmr reactor
NT3	fukushima-1 reactor	NT3	oyster creek-1 reactor	NT2	fmr reactor
NT3	fukushima-2 reactor	NT3	pathfinder reactor	NT2	fr-0 reactor
NT3	fukushima-3 reactor	NT3	peach bottom-2 reactor	NT2	frf reactor
NT3	fukushima-4 reactor	NT3	peach bottom-3 reactor	NT2	frg-1 reactor
NT3	fukushima-5 reactor	NT3	perry-1 reactor	NT2	frg-2 reactor
NT3	fukushima-6 reactor	NT3	perry-2 reactor	NT2	frj-1 reactor
NT3	fukushima-ii-1 reactor	NT3	philippsburg-1 reactor	NT2	frj-2 reactor
NT3	fukushima-ii-2 reactor	NT3	phipps bend-1 reactor	NT2	frm-ii reactor
NT3	fukushima-ii-3 reactor	NT3	phipps bend-2 reactor	NT2	frm reactor
NT3	fukushima-ii-4 reactor	NT3	pilgrim-1 reactor	NT2	fulton-1 reactor
NT3	garigliano reactor	NT3	quad cities-1 reactor	NT2	fulton-2 reactor
NT3	garona reactor	NT3	quad cities-2 reactor	NT2	ga siwabessy reactor
NT3	ge standard reactor	NT3	ringhals-1 reactor	NT2	ga standard reactor
NT3	graben-1 reactor	NT3	river bend-1 reactor	NT2	getr reactor
NT3	graben-2 reactor	NT3	river bend-2 reactor	NT2	giacint reactor
NT3	grand gulf-1 reactor	NT3	rwe-bayernwerk reactor	NT2	gidra reactor
NT3	grand gulf-2 reactor	NT3	shika-1 reactor	NT2	gtr reactor
NT3	gundremmingen-2 reactor	NT3	shika-2 reactor	NT2	hanaro reactor
NT3	gundremmingen-3 reactor	NT3	shimane-1 reactor	NT2	harmonie reactor
NT3	hamaoka-1 reactor	NT3	shimane-2 reactor	NT2	hbwr reactor
NT3	hamaoka-2 reactor	NT3	shimane-3 reactor	NT2	hector reactor
NT3	hamaoka-3 reactor	NT3	shoreham reactor	NT2	herald reactor
NT3	hamaoka-4 reactor	NT3	skagit-1 reactor	NT2	hero reactor
NT3	hamaoka-5 reactor	NT3	skagit-2 reactor	NT2	hfbr reactor
NT3	hartsville-1 reactor	NT3	sl-1 reactor	NT2	hfetr reactor
NT3	hartsville-2 reactor	NT3	susquehanna-1 reactor	NT2	hfir reactor
NT3	hartsville-3 reactor	NT3	susquehanna-2 reactor	NT2	hfr reactor
NT3	hartsville-4 reactor	NT3	tarapur-1 reactor	NT2	hifar reactor
NT3	hatch-1 reactor	NT3	tarapur-2 reactor	NT2	hnpf reactor
NT3	hatch-2 reactor	NT3	tokai-2 reactor	NT2	hor reactor
NT3	hdr reactor	NT3	tsuruga reactor	NT2	horace reactor
NT3	higashidori-1 reactor	NT3	tullnerfeld reactor	NT2	hpr reactor
NT3	hope creek-1 reactor	NT3	vak reactor	NT2	hre-2 reactor
NT3	hope creek-2 reactor	NT3	vbwr reactor	NT2	htlr reactor
NT3	humboldt bay reactor	NT3	vermont yankee reactor	NT2	htr-10 reactor
NT3	isar reactor	NT3	verplanck-1 reactor	NT2	htr reactor
NT3	jpdr-2 reactor	NT3	verplanck-2 reactor	NT2	httr reactor
NT3	jpdr reactor	NT3	vk-50 reactor	NT2	hwctr 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 l-77 reactor	NT2	igr reactor
NT3	kashiwazaki-kariwa-5 reactor	NT2	cabri reactor	NT2	irl reactor
NT3	kashiwazaki-kariwa-6 reactor	NT2	cesnef reactor	NT2	irr-1 reactor
NT3	kashiwazaki-kariwa-7 reactor	NT2	chernobylsk-1 reactor	NT2	irt-2000 djakarta reactor
NT3	kruemmel reactor	NT2	chernobylsk-2 reactor	NT2	irt-2000 moscow reactor
NT3	kuosheng-1 reactor	NT2	chernobylsk-3 reactor	NT2	irt-c reactor
NT3	kuosheng-2 reactor	NT2	chernobylsk-4 reactor	NT2	irt-f reactor
NT3	la salle county-1 reactor	NT2	consort-2 reactor	NT2	irt reactor
NT3	la salle county-2 reactor	NT2	coral-1 reactor	NT2	irt-sofia reactor
NT3	lacbwr reactor	NT2	cp-3m reactor	NT2	isis reactor
NT3	laguna verde-1 reactor	NT2	cp-5 reactor	NT2	ispra-1 reactor
NT3	laguna verde-2 reactor	NT2	cvtr reactor	NT2	ivv-2m reactor
NT3	leibstadt reactor	NT2	delphi reactor	NT2	janus reactor
NT3	limerick-1 reactor	NT2	democritus reactor	NT2	jeep-2 reactor
NT3	limerick-2 reactor	NT2	dfr reactor	NT2	jen-1 reactor
NT3	lingen reactor	NT2	dido reactor	NT2	jen reactor
NT3	lungmen-1 reactor	NT2	dmtr reactor	NT2	jmtr reactor
NT3	lungmen-2 reactor	NT2	dr-1 reactor	NT2	jordan subcritical assembly
NT3	mendocino-1 reactor	NT2	dr-2 reactor	NT2	jrr-1 reactor
NT3	mendocino-2 reactor	NT2	dr-3 reactor	NT2	jrr-2 reactor
NT3	millstone-1 reactor	NT2	dragon reactor	NT2	jrr-3m reactor
NT3	montague-1 reactor	NT2	ebor reactor	NT2	jrr-4 reactor

NT2	jules horowitz reactor	NT2	ptr reactor	NT3	comanche peak-1 reactor
NT2	knk-2 reactor	NT2	pulstar-buffalo reactor	NT3	comanche peak-2 reactor
NT2	knk reactor	NT2	pur-1 reactor	NT3	connecticut yankee reactor
NT2	kuca reactor	NT2	pwr type reactors	NT3	cook-1 reactor
NT2	kuhfr reactor	NT3	aguirre reactor	NT3	cook-2 reactor
NT2	kur reactor	NT3	almaraz-1 reactor	NT3	cruas-1 reactor
NT2	kursk-1 reactor	NT3	almaraz-2 reactor	NT3	cruas-2 reactor
NT2	kursk-2 reactor	NT3	angra-1 reactor	NT3	cruas-3 reactor
NT2	kursk-3 reactor	NT3	angra-2 reactor	NT3	cruas-4 reactor
NT2	kursk-4 reactor	NT3	angra-3 reactor	NT3	crystal river-3 reactor
NT2	leningrad-1 reactor	NT3	arkansas-1 reactor	NT3	crystal river-4 reactor
NT2	leningrad-2 reactor	NT3	arkansas-2 reactor	NT3	dampierre-1 reactor
NT2	leningrad-3 reactor	NT3	asco-1 reactor	NT3	dampierre-2 reactor
NT2	leningrad-4 reactor	NT3	asco-2 reactor	NT3	dampierre-3 reactor
NT2	lido reactor	NT3	atlantic-1 reactor	NT3	dampierre-4 reactor
NT2	litr reactor	NT3	atlantic-2 reactor	NT3	davis besse-1 reactor
NT2	lpr reactor	NT3	basf-1 reactor	NT3	davis besse-2 reactor
NT2	lprr reactor	NT3	basf-2 reactor	NT3	davis besse-3 reactor
NT2	lucens reactor	NT3	beaver valley-1 reactor	NT3	daya bay-1 reactor
NT2	maple reactor	NT3	beaver valley-2 reactor	NT3	daya bay-2 reactor
NT2	maple type reactors	NT3	bellefonte-1 reactor	NT3	diablo canyon-1 reactor
NT2	maria reactor	NT3	bellefonte-2 reactor	NT3	diablo canyon-2 reactor
NT2	marviken reactor	NT3	belleville-1 reactor	NT3	doel-1 reactor
NT2	maryla reactor	NT3	belleville-2 reactor	NT3	doel-2 reactor
NT2	masurca reactor	NT3	beznau-1 reactor	NT3	doel-3 reactor
NT2	melusine-1 reactor	NT3	beznau-2 reactor	NT3	doel-4 reactor
NT2	merlin reactor	NT3	biblis-1 reactor	NT3	efdr-50 reactor
NT2	minerve reactor	NT3	biblis-2 reactor	NT3	emsland reactor
NT2	mitr reactor	NT3	biblis-3 reactor	NT3	erie-1 reactor
NT2	ml-1 reactor	NT3	biblis-4 reactor	NT3	erie-2 reactor
NT2	mnr reactor	NT3	blayais-1 reactor	NT3	fangchenggang-1 reactor
NT2	mnsr type reactors	NT3	blayais-2 reactor	NT3	fangchenggang-2 reactor
NT3	entc mnsr reactor	NT3	blayais-3 reactor	NT3	fangjiashan-1 reactor
NT3	gharr-1 reactor	NT3	blayais-4 reactor	NT3	fangjiashan-2 reactor
NT3	mnsr-ciae reactor	NT3	blue hills-1 reactor	NT3	farley-1 reactor
NT3	mnsr-sd reactor	NT3	blue hills-2 reactor	NT3	farley-2 reactor
NT3	mnsr-sh reactor	NT3	borssele reactor	NT3	fessenheim-1 reactor
NT3	mnsr-sz reactor	NT3	br-3 reactor	NT3	fessenheim-2 reactor
NT3	nirr-1 reactor	NT3	braidwood-1 reactor	NT3	flamanville-1 reactor
NT3	parr-2 reactor	NT3	braidwood-2 reactor	NT3	flamanville-2 reactor
NT3	srr-1 reactor	NT3	brokdorf reactor	NT3	flamanville-3 reactor
NT2	mrr reactor	NT3	bugey-2 reactor	NT3	forked river-1 reactor
NT2	msre reactor	NT3	bugey-3 reactor	NT3	fuqing-1 reactor
NT2	mtr reactor	NT3	bugey-4 reactor	NT3	fuqing-2 reactor
NT2	murr reactor	NT3	bugey-5 reactor	NT3	fuqing-3 reactor
NT2	n-reactor	NT3	bw standard reactor	NT3	fuqing-4 reactor
NT2	ncscr-1 reactor	NT3	byron-1 reactor	NT3	fuqing-5 reactor
NT2	nevada university reactor	NT3	byron-2 reactor	NT3	fuqing-6 reactor
NT2	nhr-5 reactor	NT3	calhoun-1 reactor	NT3	genkai-1 reactor
NT2	niederaichbach reactor	NT3	calhoun-2 reactor	NT3	genkai-2 reactor
NT2	nsrr reactor	NT3	callaway-1 reactor	NT3	genkai-3 reactor
NT2	ntr reactor	NT3	callaway-2 reactor	NT3	genkai-4 reactor
NT2	nuclear furnace reactor	NT3	calvert cliffs-1 reactor	NT3	ginna-1 reactor
NT2	nur reactor	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	prmc-l-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-2 reactor	NT3	civaux-2 reactor	NT3	haven-1 reactor

NT4	koshkonong-1 reactor	NT3	oi-4 reactor	NT3	sterling-1 reactor
NT3	haven-2 reactor	NT3	oktemberyan-2 reactor	NT3	sterling-2 reactor
NT4	koshkonong-2 reactor	NT3	olkiluoto-3 reactor	NT3	summer-1 reactor
NT3	hongyanhe-1 reactor	NT3	otto hahn reactor	NT3	sundesert-1 reactor
NT3	hongyanhe-2 reactor	NT3	palisades-1 reactor	NT3	sundesert-2 reactor
NT3	hongyanhe-3 reactor	NT3	palo verde-1 reactor	NT3	surry-1 reactor
NT3	hongyanhe-4 reactor	NT3	palo verde-2 reactor	NT3	surry-2 reactor
NT3	ikata-2 reactor	NT3	palo verde-3 reactor	NT3	surry-3 reactor
NT3	ikata-3 reactor	NT3	palo verde-4 reactor	NT3	surry-4 reactor
NT3	ikata reactor	NT3	palo verde-5 reactor	NT3	takahama-1 reactor
NT3	indian point-1 reactor	NT3	paluel-1 reactor	NT3	takahama-2 reactor
NT3	indian point-2 reactor	NT3	paluel-2 reactor	NT3	takahama-3 reactor
NT3	indian point-3 reactor	NT3	paluel-3 reactor	NT3	takahama-4 reactor
NT3	iran-1 reactor	NT3	paluel-4 reactor	NT3	three mile island-1 reactor
NT3	iran-2 reactor	NT3	pat reactor	NT3	three mile island-2 reactor
NT3	isar-2 reactor	NT3	pebble springs-1 reactor	NT3	tihange-2 reactor
NT3	jamesport-1 reactor	NT3	pebble springs-2 reactor	NT3	tihange-3 reactor
NT3	jamesport-2 reactor	NT3	penly-1 reactor	NT3	tihange reactor
NT3	kewaunee reactor	NT3	penly-2 reactor	NT3	tomari-1 reactor
NT3	koeberg-1 reactor	NT3	penly-3 reactor	NT3	tomari-2 reactor
NT3	koeberg-2 reactor	NT3	perkins-1 reactor	NT3	tomari-3 reactor
NT3	kori-1 reactor	NT3	perkins-2 reactor	NT3	tricastin-1 reactor
NT3	kori-2 reactor	NT3	perkins-3 reactor	NT3	tricastin-2 reactor
NT3	kori-3 reactor	NT3	philippsburg-2 reactor	NT3	tricastin-3 reactor
NT3	kori-4 reactor	NT3	pilgrim-2 reactor	NT3	tricastin-4 reactor
NT3	krsko reactor	NT3	pilgrim-3 reactor	NT3	trillo-1 reactor
NT3	lemoniz-1 reactor	NT3	pm-2a reactor	NT3	trojan reactor
NT3	lemoniz-2 reactor	NT3	pm-3a reactor	NT3	tsuruga-2 reactor
NT3	lenin reactor	NT3	pnpp-1 reactor	NT3	turkey point-3 reactor
NT3	leonid brezhnev reactor	NT3	point beach-1 reactor	NT3	turkey point-4 reactor
NT3	lingao-1 reactor	NT3	point beach-2 reactor	NT3	tva-1 reactor
NT3	lingao-2 reactor	NT3	prairie island-1 reactor	NT3	tva-2 reactor
NT3	lingao-3 reactor	NT3	prairie island-2 reactor	NT3	tyrone-1 reactor
NT3	lingao-4 reactor	NT3	qinshan-1 reactor	NT3	tyrone-2 reactor
NT3	loft reactor	NT3	qinshan-2-1 reactor	NT3	ulchin-1 reactor
NT3	lucie-1 reactor	NT3	qinshan-2-2 reactor	NT3	ulchin-2 reactor
NT3	lucie-2 reactor	NT3	qinshan-2-3 reactor	NT3	ulchin-3 reactor
NT3	maanshan-1 reactor	NT3	qinshan-2-4 reactor	NT3	ulchin-4 reactor
NT3	maanshan-2 reactor	NT3	quanicassee-1 reactor	NT3	ulchin-5 reactor
NT3	maine yankee reactor	NT3	quanicassee-2 reactor	NT3	ulchin-6 reactor
NT3	malibu-1 reactor	NT3	rancho seco-1 reactor	NT3	unterweser reactor
NT3	marble hill-1 reactor	NT3	remerschen reactor	NT3	vahnum-1 reactor
NT3	marble hill-2 reactor	NT3	rheinsberg akw1 reactor	NT3	vahnum-2 reactor
NT3	mc guire-1 reactor	NT3	ringhals-2 reactor	NT3	vandellos-2 reactor
NT3	mc guire-2 reactor	NT3	ringhals-3 reactor	NT3	vogtle-1 reactor
NT3	mh-1a reactor	NT3	ringhals-4 reactor	NT3	vogtle-2 reactor
NT3	midland-1 reactor	NT3	robinson-2 reactor	NT3	vogtle-3 reactor
NT3	midland-2 reactor	NT3	rooppur reactor	NT3	vogtle-4 reactor
NT3	mihama-1 reactor	NT3	rowe yankee reactor	NT3	waterford-3 reactor
NT3	mihama-2 reactor	NT3	s1c prototype reactor	NT3	waterford-4 reactor
NT3	mihama-3 reactor	NT3	saint alban-1 reactor	NT3	watts bar-1 reactor
NT3	millstone-2 reactor	NT3	saint alban-2 reactor	NT3	watts bar-2 reactor
NT3	millstone-3 reactor	NT3	saint laurent-b1 reactor	NT3	westinghouse standard reactor
NT3	muelheim-kaerlich reactor	NT3	saint laurent-b2 reactor	NT3	wnp-1 reactor
NT3	mutsu reactor	NT3	salem-1 reactor	NT3	wnp-3 reactor
NT3	neckar-1 reactor	NT3	salem-2 reactor	NT3	wnp-4 reactor
NT3	neckar-2 reactor	NT3	san onofre-1 reactor	NT3	wnp-5 reactor
NT3	nep-1 reactor	NT3	san onofre-2 reactor	NT3	wolf creek-1 reactor
NT3	nep-2 reactor	NT3	san onofre-3 reactor	NT3	wup-3 reactor
NT3	neupotz-1 reactor	NT3	savannah reactor	NT3	wup-4 reactor
NT3	neupotz-2 reactor	NT3	saxton reactor	NT3	wup-5 reactor
NT3	ningde-1 reactor	NT3	seabrook-1 reactor	NT3	wup-6 reactor
NT3	ningde-2 reactor	NT3	seabrook-2 reactor	NT3	wwer type reactors
NT3	ningde-3 reactor	NT3	selni reactor	NT4	armenian-1 reactor
NT3	ningde-4 reactor	NT3	sendai-1 reactor	NT4	armenian-2 reactor
NT3	nogent-1 reactor	NT3	sendai-2 reactor	NT4	balakovo-1 reactor
NT3	nogent-2 reactor	NT3	sequoyah-1 reactor	NT4	balakovo-2 reactor
NT3	north anna-1 reactor	NT3	sequoyah-2 reactor	NT4	balakovo-3 reactor
NT3	north anna-2 reactor	NT3	shin-kori-1 reactor	NT4	balakovo-4 reactor
NT3	north anna-3 reactor	NT3	shin-kori-2 reactor	NT4	blahutovice-1 reactor
NT3	north anna-4 reactor	NT3	shin-kori-3 reactor	NT4	bohunice v-1 reactor
NT3	north coast-1 reactor	NT3	shin-wolsong-1 reactor	NT4	bohunice v-2 reactor
NT3	obrigheim reactor	NT3	shippingport reactor	NT4	dukovany-1 reactor
NT3	oconee-1 reactor	NT3	sizewell-b reactor	NT4	dukovany-2 reactor
NT3	oconee-2 reactor	NT3	sm-1 reactor	NT4	dukovany-3 reactor
NT3	oconee-3 reactor	NT3	sm-1a reactor	NT4	dukovany-4 reactor
NT3	oi-1 reactor	NT3	south texas project-1 reactor	NT4	greifswald-1 reactor
NT3	oi-2 reactor	NT3	south texas project-2 reactor	NT4	greifswald-2 reactor
NT3	oi-3 reactor	NT3	stade reactor	NT4	greifswald-3 reactor

NT4	greifswald-4 reactor	NT2	rg-1m reactor	NT3	ma-r1 reactor
NT4	greifswald-5 reactor	NT2	ritmo reactor	NT3	nscr reactor
NT4	greifswald-6 reactor	NT2	rmb reactor	NT3	ostr reactor
NT4	juragua-1 reactor	NT2	rospo reactor	NT3	prpr reactor
NT4	kalinin-1 reactor	NT2	rpt reactor	NT3	psbr reactor
NT4	kalinin-2 reactor	NT2	rts-1 reactor	NT3	rtp reactor
NT4	kalinin-3 reactor	NT2	rv-1 reactor	NT3	trico ii reactor
NT4	kalinin-4 reactor	NT2	safari-1 reactor	NT3	trico reactor
NT4	kecerovce-1 reactor	NT2	saphir reactor	NT3	triga-1-arizona reactor
NT4	khmelnitskij-1 reactor	NT2	sbr-1 reactor	NT3	triga-1-california reactor
NT4	khmelnitskij-2 reactor	NT2	schmehausen-2 reactor	NT3	triga-1-hanford reactor
NT4	kola-1 reactor	NT2	ser reactor	NT3	triga-1-hanover reactor
NT4	kola-2 reactor	NT2	sghwr reactor	NT3	triga-1-heidelberg reactor
NT4	kola-3 reactor	NT2	shca reactor	NT3	triga-1-michigan reactor
NT4	kola-4 reactor	NT2	silene reactor	NT3	triga-2-bandung reactor
NT4	kozloduy-1 reactor	NT2	siloe reactor	NT3	triga-2-bangladesh reactor
NT4	kozloduy-2 reactor	NT2	siloette reactor	NT3	triga-2-dalat reactor
NT4	kozloduy-3 reactor	NT2	slowpoke type reactors	NT3	triga-2-illinois reactor
NT4	kozloduy-4 reactor	NT3	slowpoke-alberta reactor	NT3	triga-2-kansas reactor
NT4	kozloduy-5 reactor	NT3	slowpoke-dalhousie reactor	NT3	triga-2-ljubljana reactor
NT4	kozloduy-6 reactor	NT3	slowpoke-mona reactor	NT3	triga-2-mainz reactor
NT4	kudankulam-1 reactor	NT3	slowpoke-montreal reactor	NT3	triga-2-musashi reactor
NT4	kudankulam-2 reactor	NT3	slowpoke-ottawa reactor	NT3	triga-2-pavia reactor
NT4	loviisa-1 reactor	NT3	slowpoke rmc reactor	NT3	triga-2-pitesti reactor
NT4	loviisa-2 reactor	NT3	slowpoke src reactor	NT3	triga-2-pitesti-ss-core reactor
NT4	mochovce-1 reactor	NT3	slowpoke-toronto reactor	NT3	triga-2 reactor
NT4	mochovce-2 reactor	NT3	slowpoke-wnre reactor	NT3	triga-2-rikkyo reactor
NT4	novovoronezh-1 reactor	NT2	smolensk-1 reactor	NT3	triga-2-rome reactor
NT4	novovoronezh-2 reactor	NT2	smolensk-2 reactor	NT3	triga-2-seoul reactor
NT4	novovoronezh-3 reactor	NT2	smolensk-3 reactor	NT3	triga-2-vienna reactor
NT4	novovoronezh-4 reactor	NT2	snap 10 reactor	NT3	triga-3-la jolla reactor
NT4	novovoronezh-5 reactor	NT3	s10fs-1 reactor	NT3	triga-3-munich reactor
NT4	paks-1 reactor	NT3	s10fs-3 reactor	NT3	triga-3-salazar reactor
NT4	paks-2 reactor	NT3	s10fs-4 reactor	NT3	triga-3-seoul reactor
NT4	paks-3 reactor	NT2	snap 2 reactor	NT3	triga-brazil reactor
NT4	paks-4 reactor	NT3	s2ds reactor	NT3	triga-texas reactor
NT4	rostov-1 reactor	NT2	snap 50 reactor	NT3	triga-veterans reactor
NT4	rostov-2 reactor	NT2	snap 8 reactor	NT3	ucbrr reactor
NT4	rostov-3 reactor	NT3	s8dr reactor	NT3	uwnr reactor
NT4	rovno-1 reactor	NT3	s8er reactor	NT3	wsur reactor
NT4	rovno-2 reactor	NT2	snap-tsfr reactor	NT2	triton reactor
NT4	rovno-3 reactor	NT2	snaptran reactors	NT2	trr-1 reactor
NT4	rovno-4 reactor	NT2	spert-1 reactor	NT2	tsr-1 reactor
NT4	rovno-5 reactor	NT2	spert-2 reactor	NT2	tz1 reactor
NT4	south ukrainian-1 reactor	NT2	spert-3 reactor	NT2	tz2 reactor
NT4	south ukrainian-2 reactor	NT2	spert-4 reactor	NT2	uhtrex reactor
NT4	south ukrainian-3 reactor	NT2	sr-1 reactor	NT2	uknr reactor
NT4	stendal-1 reactor	NT2	sr-0a reactor	NT2	umne-1 reactor
NT4	tatarian reactor	NT2	sre reactor	NT2	umrr reactor
NT4	temelin-1 reactor	NT2	stacy reactor	NT2	utrr reactor
NT4	temelin-2 reactor	NT2	stek reactor	NT2	uvar reactor
NT4	tianwan-1 reactor	NT2	stir reactor	NT2	uwtr reactor
NT4	tianwan-2 reactor	NT2	summit-1 reactor	NT2	venus reactor
NT4	zaporozhe-1 reactor	NT2	summit-2 reactor	NT2	vg-400 reactor
NT4	zaporozhe-2 reactor	NT2	superphenix reactor	NT2	vgr-50 reactor
NT4	zaporozhe-3 reactor	NT2	supo reactor	NT2	vhtr reactor
NT4	zaporozhe-4 reactor	NT2	sur-100 series reactor	NT2	vidal-1 reactor
NT4	zaporozhe-5 reactor	NT2	tca reactor	NT2	vidal-2 reactor
NT4	zaporozhe-6 reactor	NT2	thetis reactor	NT2	viper reactor
NT3	wyhl-1 reactor	NT2	thor reactor	NT2	vr-1 reactor
NT3	wyhl-2 reactor	NT2	thtr-300 reactor	NT2	vrain reactor
NT3	yangjiang-1 reactor	NT2	tibr reactor	NT2	wntr reactor
NT3	yangjiang-2 reactor	NT2	toshiba reactor	NT2	wpir reactor
NT3	yangjiang-3 reactor	NT2	tr-1 reactor	NT2	wr-1 reactor
NT3	yangjiang-4 reactor	NT2	tr-2 reactor	NT2	wrrr reactor
NT3	yellow creek-1 reactor	NT2	tracy reactor	NT2	wtr reactor
NT3	yellow creek-2 reactor	NT2	treat reactor	NT2	wwr type reactors
NT3	zion-1 reactor	NT2	triga type reactors	NT3	budapest training reactor
NT3	zion-2 reactor	NT3	afrr reactor	NT3	irt-1 libya reactor
NT3	zorita-1 reactor	NT3	atpr reactor	NT3	irt-baghdad reactor
NT2	r-2 reactor	NT3	colorado triga-mk-3 reactor	NT3	lvr-15 reactor
NT2	r-a reactor	NT3	cornell triga-mk-2 reactor	NT3	wwr-2 reactor
NT2	r2-0 reactor	NT3	dow triga-mk-1 reactor	NT3	wwr-k-almaty reactor
NT2	ra-5 reactor	NT3	fir-1 reactor	NT3	wwr-k cf reactor
NT2	ra-6 reactor	NT3	frf-2 reactor	NT3	wwr-m-kiev reactor
NT2	ra-8 reactor	NT3	frr reactor	NT3	wwr-m-leningrad reactor
NT2	rana reactor	NT3	gulf triga-mk-3 reactor	NT3	wwr-s-bucharest reactor
NT2	rapsodie reactor	NT3	kartini-ppny reactor	NT3	wwr-s-budapest reactor
NT2	rb-1 reactor	NT3	lopra reactor	NT3	wwr-s-cairo reactor

NT3	wwr-s-moscow reactor	NT3	tibr reactor	NT3	dungeness-b reactor
NT3	wwr-s-prague reactor	NT3	vera reactor	NT3	el-2 reactor
NT3	wwr-s-tashkent reactor	NT3	viper reactor	NT3	el-4 reactor
NT3	wwr-sm rossendorf reactor	NT3	wntr reactor	NT3	g-2 reactor
NT3	wwr-z reactor	NT3	yayoi reactor	NT3	g-3 reactor
NT2	xma-1 reactor	NT3	zephyr reactor	NT3	hartlepool reactor
NT2	zlfr reactor	NT3	zppr reactor	NT3	hector reactor
NT2	zpr reactor	NT3	zpr-3 reactor	NT3	hero reactor
NT1	epithermal reactors	NT3	zpr-6 reactor	NT3	heysham-a reactor
NT2	fast reactors	NT3	zpr-9 reactor	NT3	heysham-b reactor
NT3	actinide burner reactors	NT3	zrr reactor	NT3	hinkley point-a reactor
NT3	afsr reactor	NT2	intermediate reactors	NT3	hinkley point-b reactor
NT3	aprf reactor	NT3	thor reactor	NT3	hunterston-a reactor
NT3	bfs reactor	NT1	fluid fueled reactors	NT3	hunterston-b reactor
NT3	bigr reactor	NT2	gas fueled reactors	NT3	latina reactor
NT3	bir reactor	NT3	coaxial flow reactors	NT3	lucens reactor
NT3	brest-od-300 reactor	NT3	light bulb reactors	NT3	niederaichbach reactor
NT3	cefr reactor	NT3	plasma core assembly	NT3	oldbury-a reactor
NT3	cfmfr reactor	NT2	liquid homogeneous reactors	NT3	oldbury-b reactor
NT3	clementine reactor	NT3	aqueous homogeneous reactors	NT3	saint laurent-a1 reactor
NT3	coral-1 reactor	NT4	ai-l-77 reactor	NT3	saint laurent-a2 reactor
NT3	ecel reactor	NT4	argus reactor	NT3	sizewell-a reactor
NT3	fbr type reactors	NT4	ber-2 reactor	NT3	tokai-mura reactor
NT4	aipfr reactor	NT4	byu l-77 reactor	NT3	torness reactor
NT4	gcfr type reactors	NT4	cesnef reactor	NT3	trawsfynydd reactor
NT5	gcfr reactor	NT4	dr-1 reactor	NT3	vandellos reactor
NT4	kalpakkam pfbr reactor	NT4	frf reactor	NT3	wagr reactor
NT4	lmfbr type reactors	NT4	gidra reactor	NT3	wylfa reactor
NT5	beloyarsk-3 reactor	NT4	hre-2 reactor	NT2	ewg-1 reactor
NT5	beloyarsk-4 reactor	NT4	jrr-1 reactor	NT2	gcfr type reactors
NT5	bn-1200 reactor	NT4	kewb reactor	NT3	gcfr reactor
NT5	bn-1600 reactor	NT4	kstr reactor	NT2	gcr type reactors
NT5	bn-350 reactor	NT4	ncscr-1 reactor	NT3	agr type reactors
NT5	bor-60 reactor	NT4	nevada university reactor	NT4	connah quay-b reactor
NT5	cdfr reactor	NT4	pmc-l-77 reactor	NT4	dungeness-b reactor
NT5	clinch river breeder reactor	NT4	supo reactor	NT4	hartlepool reactor
NT5	dfr reactor	NT4	wrrr reactor	NT4	heysham-a reactor
NT5	ebr-1 reactor	NT2	molten salt fueled reactors	NT4	heysham-b reactor
NT5	ebr-2 reactor	NT1	fog cooled reactors	NT4	hinkley point-b reactor
NT5	enrico fermi-1 reactor	NT1	gas cooled reactors	NT4	hunterston-b reactor
NT5	joyo reactor	NT2	air cooled reactors	NT4	torness reactor
NT5	kalpakkam lmfbr reactor	NT3	afsr reactor	NT4	wagr reactor
NT5	monju reactor	NT3	bepo reactor	NT3	bugey-1 reactor
NT5	pfr reactor	NT3	bgrr reactor	NT3	chinon-a1 reactor
NT5	phenix reactor	NT3	br-1 reactor	NT3	chinon-a2 reactor
NT5	plbr reactor	NT3	g-1 reactor	NT3	chinon-a3 reactor
NT5	hapsodie 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	fffr 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	purnima-2 reactor	NT3	chapelcross-2 reactor	NT3	vandellos reactor
NT3	purnima 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	gcfr reactor	NT2	f-1 reactor	NT3	chernobylsk-2 reactor
NT3	gcre reactor	NT2	gcr type reactors	NT3	chernobylsk-3 reactor
NT3	htr-10 reactor	NT3	agr type reactors	NT3	chernobylsk-4 reactor
NT3	httr reactor	NT4	connah quay-b reactor	NT3	ignalina-1 reactor
NT3	iea-zpr reactor	NT4	dungeness-b reactor	NT3	ignalina-2 reactor
NT3	peach bottom-1 reactor	NT4	hartlepool reactor	NT3	kursk-1 reactor
NT3	schmehausen-2 reactor	NT4	heysham-a reactor	NT3	kursk-2 reactor
NT3	summit-1 reactor	NT4	heysham-b reactor	NT3	kursk-3 reactor
NT3	summit-2 reactor	NT4	hinkley point-b reactor	NT3	kursk-4 reactor
NT3	thtr-300 reactor	NT4	hunterston-b reactor	NT3	leningrad-1 reactor
NT3	uhtrex reactor	NT4	torness reactor	NT3	leningrad-2 reactor
NT3	vg-400 reactor	NT4	wagr reactor	NT3	leningrad-3 reactor
NT3	vgr-50 reactor	NT3	bugey-1 reactor	NT3	leningrad-4 reactor
NT3	vhtr reactor	NT3	chinon-a1 reactor	NT3	n-reactor
NT3	vidal-1 reactor	NT3	chinon-a2 reactor	NT3	rpt reactor
NT3	vidal-2 reactor	NT3	chinon-a3 reactor	NT3	smolensk-1 reactor
NT3	vrain reactor	NT3	g-1 reactor	NT3	smolensk-2 reactor
NT2	htgr type reactors	NT3	g-2 reactor	NT3	smolensk-3 reactor
NT3	avr reactor	NT3	g-3 reactor	NT3	uwtr reactor
NT3	dragon reactor	NT3	magnox type reactors	NT2	marius reactor
NT3	fulton-1 reactor	NT4	berkeley reactor	NT2	msre reactor
NT3	fulton-2 reactor	NT4	bradwell reactor	NT2	ntr reactor
NT3	ga standard reactor	NT4	calder hall a-1 reactor	NT2	pctr reactor
NT3	htr-10 reactor	NT4	calder hall a-2 reactor	NT2	proteus reactor
NT3	httr reactor	NT4	calder hall b-3 reactor	NT2	rb-1 reactor
NT3	kahter reactor	NT4	calder hall b-4 reactor	NT2	sgr type reactors
NT3	peach bottom-1 reactor	NT4	chapelcross-1 reactor	NT3	sre reactor
NT3	schmehausen-2 reactor	NT4	chapelcross-2 reactor	NT2	shca reactor
NT3	summit-1 reactor	NT4	chapelcross-3 reactor	NT2	sr-305 reactor
NT3	summit-2 reactor	NT4	chapelcross-4 reactor	NT2	treat reactor
NT3	thtr-300 reactor	NT4	dungeness-a reactor	NT2	uhtrex reactor
NT3	vg-400 reactor	NT4	hinkley point-a reactor	NT2	windscale production reactors
NT3	vgr-50 reactor	NT4	hunterston-a reactor	NT2	x-10 reactor
NT3	vhtr reactor	NT4	latina reactor	NT2	zenith reactor
NT3	vidal-1 reactor	NT4	oldbury-a reactor	NT1	heavy water cooled reactors
NT3	vidal-2 reactor	NT4	sizewell-a reactor	NT2	ill high flux reactor
NT3	vrain reactor	NT4	tokai-mura reactor	NT2	alrr reactor
NT2	hwgr type reactors	NT4	trawsfynydd reactor	NT2	aquilon reactor
NT3	bohunice a-1 reactor	NT4	wylfa reactor	NT2	bhwr type reactors
NT3	bohunice a-2 reactor	NT3	saint laurent-a1 reactor	NT3	hbwr reactor
NT3	el-4 reactor	NT3	saint laurent-a2 reactor	NT3	marviken reactor
NT3	lucens reactor	NT3	vandellos reactor	NT2	celestin reactor
NT3	niederaichbach reactor	NT2	gleep reactor	NT2	cp-3 reactor
NT2	hydrogen cooled reactors	NT2	hector reactor	NT2	cp-3m reactor
NT3	kiwi reactors	NT2	hero reactor	NT2	cp-5 reactor
NT4	kiwi-tnt reactor	NT2	hew-305 reactor	NT2	dca reactor
NT3	nerva reactor	NT2	hitrex-1 reactor	NT2	dhruva reactor
NT3	nrx-a2 reactor	NT2	hnpf reactor	NT2	dido reactor
NT3	nrx-a3 reactor	NT2	htgr type reactors	NT2	diorit reactor
NT3	nrx-a4-est reactor	NT3	avr reactor	NT2	dmtr reactor
NT3	nrx-a5 reactor	NT3	dragon reactor	NT2	dr-3 reactor
NT3	nrx-a6 reactor	NT3	fulton-1 reactor	NT2	el-1 reactor
NT3	pewee-1 reactor	NT3	fulton-2 reactor	NT2	el-3 reactor
NT3	pewee-2 reactor	NT3	ga standard reactor	NT2	eole reactor
NT3	pewee-3 reactor	NT3	htr-10 reactor	NT2	es-salam reactor
NT3	pewee-4 reactor	NT3	httr reactor	NT2	essor reactor
NT3	phoebus-1a reactor	NT3	kahter reactor	NT2	fr-2 reactor
NT3	phoebus-1b reactor	NT3	peach bottom-1 reactor	NT2	frj-2 reactor
NT3	phoebus-2a reactor	NT3	schmehausen-2 reactor	NT2	grenoble reactor
NT3	rover reactors	NT3	summit-1 reactor	NT2	gtr reactor
NT3	xe-prime reactor	NT3	summit-2 reactor	NT2	hfbtr reactor
NT2	nitrogen cooled reactors	NT3	thtr-300 reactor	NT2	hifar reactor
NT3	htltr reactor	NT3	vg-400 reactor	NT2	hwctr reactor
NT3	ml-1 reactor	NT3	vgr-50 reactor	NT2	hwrr reactor
NT3	zenith reactor	NT3	vhtr reactor	NT2	irr-2 reactor
NT2	pebble bed reactors	NT3	vidal-1 reactor	NT2	ispra-1 reactor
NT3	avr reactor	NT3	vidal-2 reactor	NT2	jeep-2 reactor
NT3	thtr-300 reactor	NT3	vrain reactor	NT2	jordan subcritical assembly
NT3	vg-400 reactor	NT2	htltr reactor	NT2	jrr-2 reactor
NT3	vgr-50 reactor	NT2	iea-zpr reactor	NT2	jrr-3 reactor
NT1	graphite moderated reactors	NT2	igr reactor	NT2	mitr reactor
NT2	anna reactor	NT2	iowa utr-10 reactor	NT2	nbsr reactor
NT2	bepo reactor	NT2	kuca reactor	NT2	nora reactor
NT2	bgrt reactor	NT2	lwgr type reactors	NT2	nru reactor
NT2	bigr reactor	NT3	aps reactor	NT2	nrx reactor
NT2	br-1 reactor	NT3	beloyarsk-1 reactor	NT2	pdp reactor
NT2	cesar reactor	NT3	beloyarsk-2 reactor	NT2	pelinduna reactor
NT2	cp-2 reactor	NT3	bilibin reactor	NT2	phwr type reactors
NT2	egcr reactor	NT3	chernobylsk-1 reactor	NT3	agesta reactor

NT3	atucha-1 reactor	NT3	bruce-1 reactor	NT2	hwlwr type reactors
NT3	atucha-2 reactor	NT3	bruce-2 reactor	NT3	cirene reactor
NT3	bruce-1 reactor	NT3	bruce-3 reactor	NT3	gentilly-1 reactor
NT3	bruce-2 reactor	NT3	bruce-4 reactor	NT3	jatr reactor
NT3	bruce-3 reactor	NT3	bruce-5 reactor	NT2	hwrr reactor
NT3	bruce-4 reactor	NT3	bruce-6 reactor	NT2	hwzpr reactor
NT3	bruce-5 reactor	NT3	bruce-7 reactor	NT2	irr-2 reactor
NT3	bruce-6 reactor	NT3	bruce-8 reactor	NT2	ispra-1 reactor
NT3	bruce-7 reactor	NT3	cernavoda-1 reactor	NT2	jeep-2 reactor
NT3	bruce-8 reactor	NT3	cernavoda-2 reactor	NT2	jordan subcritical assembly
NT3	cernavoda-1 reactor	NT3	cordoba reactor	NT2	jrr-2 reactor
NT3	cernavoda-2 reactor	NT3	darlington-1 reactor	NT2	jrr-3 reactor
NT3	cordoba reactor	NT3	darlington-2 reactor	NT2	juno reactor
NT3	cvtr reactor	NT3	darlington-3 reactor	NT2	k reactor
NT3	darlington-1 reactor	NT3	darlington-4 reactor	NT2	l reactor
NT3	darlington-2 reactor	NT3	douglas point ontario reactor	NT2	maple reactor
NT3	darlington-3 reactor	NT3	embalse reactor	NT2	maple type reactors
NT3	darlington-4 reactor	NT3	gentilly-1 reactor	NT2	mitr reactor
NT3	douglas point ontario reactor	NT3	gentilly-2 reactor	NT2	nbsr reactor
NT3	embalse reactor	NT3	kaiga-1 reactor	NT2	nora reactor
NT3	gentilly-2 reactor	NT3	kaiga-2 reactor	NT2	nru reactor
NT3	kaiga-1 reactor	NT3	kaiga-3 reactor	NT2	nrx reactor
NT3	kaiga-2 reactor	NT3	kaiga-4 reactor	NT2	p reactor
NT3	kaiga-3 reactor	NT3	kakrapar-1 reactor	NT2	pdp reactor
NT3	kaiga-4 reactor	NT3	kakrapar-2 reactor	NT2	pelinduna reactor
NT3	kakrapar-1 reactor	NT3	kakrapar-2 reactor	NT2	phwr type reactors
NT3	kakrapar-2 reactor	NT3	kanupp reactor	NT3	agesta reactor
NT3	kalpakkam-1 reactor	NT3	npd reactor	NT3	atucha-1 reactor
NT3	kalpakkam-2 reactor	NT3	pickering-1 reactor	NT3	atucha-2 reactor
NT3	kanupp reactor	NT3	pickering-2 reactor	NT3	bruce-1 reactor
NT3	mzfr reactor	NT3	pickering-3 reactor	NT3	bruce-2 reactor
NT3	narora-1 reactor	NT3	pickering-4 reactor	NT3	bruce-3 reactor
NT3	narora-2 reactor	NT3	pickering-5 reactor	NT3	bruce-4 reactor
NT3	npd reactor	NT3	pickering-6 reactor	NT3	bruce-5 reactor
NT3	pickering-1 reactor	NT3	pickering-7 reactor	NT3	bruce-6 reactor
NT3	pickering-2 reactor	NT3	pickering-8 reactor	NT3	bruce-7 reactor
NT3	pickering-3 reactor	NT3	point lepreau-1 reactor	NT3	bruce-8 reactor
NT3	pickering-4 reactor	NT3	point lepreau-2 reactor	NT3	cernavoda-1 reactor
NT3	pickering-5 reactor	NT3	qinshan-3-1 reactor	NT3	cernavoda-2 reactor
NT3	pickering-6 reactor	NT3	qinshan-3-2 reactor	NT3	cordoba reactor
NT3	pickering-7 reactor	NT3	rajasthan-1 reactor	NT3	cvtr reactor
NT3	pickering-8 reactor	NT3	rajasthan-2 reactor	NT3	darlington-1 reactor
NT3	point lepreau-1 reactor	NT3	rajasthan-3 reactor	NT3	darlington-2 reactor
NT3	point lepreau-2 reactor	NT3	rajasthan-4 reactor	NT3	darlington-3 reactor
NT3	qinshan-3-1 reactor	NT3	rajasthan-5 reactor	NT3	darlington-4 reactor
NT3	qinshan-3-2 reactor	NT3	rajasthan-6 reactor	NT3	douglas point ontario reactor
NT3	rajasthan-1 reactor	NT3	tarapur-3 reactor	NT3	embalse reactor
NT3	rajasthan-2 reactor	NT3	tarapur-4 reactor	NT3	gentilly-2 reactor
NT3	rajasthan-3 reactor	NT3	wolsung-1 reactor	NT3	kaiga-1 reactor
NT3	rajasthan-4 reactor	NT3	wolsung-2 reactor	NT3	kaiga-2 reactor
NT3	rajasthan-5 reactor	NT3	wolsung-3 reactor	NT3	kaiga-3 reactor
NT3	rajasthan-6 reactor	NT3	wolsung-4 reactor	NT3	kaiga-4 reactor
NT3	tarapur-3 reactor	NT2	celestin reactor	NT3	kakrapar-1 reactor
NT3	tarapur-4 reactor	NT2	cirus reactor	NT3	kakrapar-2 reactor
NT3	wolsung-1 reactor	NT2	cp-3 reactor	NT3	kalpakkam-1 reactor
NT3	wolsung-2 reactor	NT2	cp-3m reactor	NT3	kalpakkam-2 reactor
NT3	wolsung-3 reactor	NT2	cp-5 reactor	NT3	kanupp reactor
NT3	wolsung-4 reactor	NT2	dca reactor	NT3	mzfr reactor
NT2	pik reactor	NT2	dhrva reactor	NT3	narora-1 reactor
NT2	pluto reactor	NT2	dido reactor	NT3	narora-2 reactor
NT2	prr reactor	NT2	dimple reactor	NT3	npd reactor
NT2	prtr reactor	NT2	diorit reactor	NT3	pickering-1 reactor
NT2	pse reactor	NT2	dmtr reactor	NT3	pickering-2 reactor
NT2	r-1 reactor	NT2	dr-3 reactor	NT3	pickering-3 reactor
NT2	r-a reactor	NT2	eco reactor	NT3	pickering-4 reactor
NT2	rp-0 reactor	NT2	el-1 reactor	NT3	pickering-5 reactor
NT2	sm-1 subcritical assembly	NT2	el-2 reactor	NT3	pickering-6 reactor
NT2	spert-2 reactor	NT2	el-3 reactor	NT3	pickering-7 reactor
NT2	taiwan research reactor	NT2	eole reactor	NT3	pickering-8 reactor
NT2	zed-2 reactor	NT2	es-salam reactor	NT3	point lepreau-1 reactor
NT1	heavy water moderated reactors	NT2	essor reactor	NT3	point lepreau-2 reactor
NT2	ill high flux reactor	NT2	fr-2 reactor	NT3	qinshan-3-1 reactor
NT2	alrr reactor	NT2	frj-2 reactor	NT3	qinshan-3-2 reactor
NT2	aquilon reactor	NT2	frm-ii reactor	NT3	rajasthan-1 reactor
NT2	bhwr type reactors	NT2	gtr reactor	NT3	rajasthan-2 reactor
NT3	hbwr reactor	NT2	hfb reactor	NT3	rajasthan-3 reactor
NT3	marviken reactor	NT2	hifar reactor	NT3	rajasthan-4 reactor
NT2	c reactor	NT2	hre-2 reactor	NT3	rajasthan-5 reactor
NT2	candu type reactors	NT2	hwctr reactor	NT3	rajasthan-6 reactor
		NT2	hwgcr type reactors		
		NT3	bohunice a-1 reactor		
		NT3	bohunice a-2 reactor		
		NT3	el-4 reactor		
		NT3	lucens reactor		
		NT3	niederaichbach reactor		

NT3 tarapur-3 reactor
 NT3 tarapur-4 reactor
 NT3 wolsung-1 reactor
 NT3 wolsung-2 reactor
 NT3 wolsung-3 reactor
 NT3 wolsung-4 reactor
 NT2 pik reactor
 NT2 pluto reactor
 NT2 prr reactor
 NT2 prtr reactor
 NT2 pse reactor
 NT2 r-1 reactor
 NT2 r-a reactor
 NT2 r-b reactor
 NT2 r reactor
 NT2 rb-3 reactor
 NT2 rtr reactor
 NT2 sghwr reactor
 NT2 spert-2 reactor
 NT2 taiwan research reactor
 NT2 tr-0 reactor
 NT2 wr-1 reactor
 NT2 zed-2 reactor
 NT2 zeep reactor
 NT2 zerlina reactor
 NT1 homogeneous reactors
 NT2 fuel dispersion reactors
 NT3 fluidized bed reactors
 NT3 slurry reactors
 NT2 gas fueled reactors
 NT3 coaxial flow reactors
 NT3 light bulb reactors
 NT3 plasma core assembly
 NT2 liquid homogeneous reactors
 NT3 aqueous homogeneous reactors
 NT4 ai-l-77 reactor
 NT4 argus reactor
 NT4 ber-2 reactor
 NT4 byu l-77 reactor
 NT4 cesnef reactor
 NT4 dr-1 reactor
 NT4 frf reactor
 NT4 gidra reactor
 NT4 hre-2 reactor
 NT4 jrr-1 reactor
 NT4 kewb reactor
 NT4 kstr reactor
 NT4 ncscr-1 reactor
 NT4 nevada university reactor
 NT4 pmc-l-77 reactor
 NT4 supo reactor
 NT4 wrrr reactor
 NT2 solid homogeneous reactors
 NT3 acpr reactor
 NT3 aerogel-general nucleonics reactors
 NT4 agn-201k reactor
 NT4 agn 201 costanza
 NT3 akr-1 reactor
 NT3 anex reactor
 NT3 ebor reactor
 NT3 nsrr reactor
 NT3 pebble bed reactors
 NT4 avr reactor
 NT4 thtr-300 reactor
 NT4 vg-400 reactor
 NT4 vgr-50 reactor
 NT3 romashka reactor
 NT3 shca reactor
 NT3 sur-100 series reactor
 NT3 treat reactor
 NT3 triga type reactors
 NT4 afrr reactor
 NT4 atrp reactor
 NT4 colorado triga-mk-3 reactor
 NT4 cornell triga-mk-2 reactor
 NT4 dow triga-mk-1 reactor
 NT4 fir-1 reactor
 NT4 frf-2 reactor

NT4 frn reactor
 NT4 gulf triga-mk-3 reactor
 NT4 kartini-ppny reactor
 NT4 lopra reactor
 NT4 ma-r1 reactor
 NT4 nscr reactor
 NT4 ostr reactor
 NT4 prpr reactor
 NT4 psbr reactor
 NT4 rtp reactor
 NT4 trico ii reactor
 NT4 trico reactor
 NT4 triga-1-arizona reactor
 NT4 triga-1-california reactor
 NT4 triga-1-hanford reactor
 NT4 triga-1-hanover reactor
 NT4 triga-1-heidelberg reactor
 NT4 triga-1-michigan reactor
 NT4 triga-2-bandung reactor
 NT4 triga-2-bangladesh reactor
 NT4 triga-2-dalat reactor
 NT4 triga-2-illinois reactor
 NT4 triga-2-kansas reactor
 NT4 triga-2-ljubljana reactor
 NT4 triga-2-mainz reactor
 NT4 triga-2-musashi reactor
 NT4 triga-2-pavia reactor
 NT4 triga-2-pitesti reactor
 NT4 triga-2-pitesti-ss-core reactor
 NT4 triga-2 reactor
 NT4 triga-2-rikkyo reactor
 NT4 triga-2-rome reactor
 NT4 triga-2-seoul reactor
 NT4 triga-2-vienna reactor
 NT4 triga-3-la jolla reactor
 NT4 triga-3-munich reactor
 NT4 triga-3-salazar reactor
 NT4 triga-3-seoul reactor
 NT4 triga-brazil reactor
 NT4 triga-texas reactor
 NT4 triga-veterans reactor
 NT4 ucbr reactor
 NT4 uwnr reactor
 NT4 wsur reactor
 NT1 hydride moderated reactors
 NT2 acpr reactor
 NT2 anex reactor
 NT2 nsrr reactor
 NT2 stir reactor
 NT2 szr type reactors
 NT3 knk-2 reactor
 NT3 knk reactor
 NT2 topaz reactor
 NT2 triga type reactors
 NT3 afrr reactor
 NT3 atrp reactor
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 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
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 NT3 lopra reactor
 NT3 ma-r1 reactor
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 NT3 psbr reactor
 NT3 rtp reactor
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 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
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 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 xma-1 reactor
 NT1 irradiation reactors
 NT2 chemonuclear reactors
 NT2 isotope production reactors
 NT3 ill high flux reactor
 NT3 afrr reactor
 NT3 ai-l-77 reactor
 NT3 alrr reactor
 NT3 apsara reactor
 NT3 astra reactor
 NT3 atrp reactor
 NT3 bepo reactor
 NT3 ber-2 reactor
 NT3 bgrr reactor
 NT3 brr reactor
 NT3 byu l-77 reactor
 NT3 celestin reactor
 NT3 cesnef reactor
 NT3 cirus reactor
 NT3 consort-2 reactor
 NT3 cp-5 reactor
 NT3 dhruva reactor
 NT3 dido reactor
 NT3 dmtr reactor
 NT3 dow triga-mk-1 reactor
 NT3 dr-2 reactor
 NT3 dr-3 reactor
 NT3 el-1 reactor
 NT3 el-2 reactor
 NT3 el-3 reactor
 NT3 etr reactor
 NT3 ewa reactor
 NT3 fir-1 reactor
 NT3 fir reactor
 NT3 fr-2 reactor
 NT3 frf reactor
 NT3 frg-2 reactor
 NT3 frj-2 reactor
 NT3 getr reactor
 NT3 gtr reactor
 NT3 gulf triga-mk-3 reactor
 NT3 hanaro reactor
 NT3 hfir reactor
 NT3 hifar reactor
 NT3 htr reactor
 NT3 hwrr reactor
 NT3 ian-r1 reactor
 NT3 irt-c reactor
 NT3 irt-f reactor
 NT3 irt reactor
 NT3 irt-sofia reactor
 NT3 ispra-1 reactor
 NT3 jeep-2 reactor

- NT3** jrr-1 reactor
NT3 jrr-3 reactor
NT3 jrr-3m reactor
NT3 kuhfr reactor
NT3 lprr reactor
NT3 maria reactor
NT3 melusine-1 reactor
NT3 mnrr reactor
NT3 mrr reactor
NT3 nru reactor
NT3 nrx reactor
NT3 opal reactor
NT3 ostr reactor
NT3 pulstar-buffalo reactor
NT3 r-1 reactor
NT3 r-a reactor
NT3 r2-0 reactor
NT3 rmb reactor
NT3 rtp reactor
NT3 rts-1 reactor
NT3 siloe reactor
NT3 slowpoke type reactors
NT4 slowpoke-alberta reactor
NT4 slowpoke-dalhousie reactor
NT4 slowpoke-mona reactor
NT4 slowpoke-montreal reactor
NT4 slowpoke-ottawa reactor
NT4 slowpoke rmc reactor
NT4 slowpoke src reactor
NT4 slowpoke-toronto reactor
NT4 slowpoke-wnre reactor
NT3 taiwan research reactor
NT3 thetis reactor
NT3 thor reactor
NT3 tr-1 reactor
NT3 trico ii reactor
NT3 trico reactor
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NT3 triga-1-hanover reactor
NT3 triga-1-michigan reactor
NT3 triga-2-bandung reactor
NT3 triga-2-bangladesh reactor
NT3 triga-2-dalat reactor
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NT3 triga-3-seoul reactor
NT3 triga-brazil reactor
NT3 triga-texas reactor
NT3 triga-veterans reactor
NT3 tz1 reactor
NT3 ucbr reactor
NT3 ufr 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 jmtr 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-tsfr 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-tsfr 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 bohunice a-1 reactor
NT2 bohunice a-2 reactor
NT2 br-1 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 cesar reactor
NT2 cirus reactor
NT2 cordoba reactor
NT2 cp-2 reactor
NT2 cp-3 reactor
NT2 darlington-1 reactor
NT2 darlington-2 reactor
NT2 darlington-3 reactor
NT2 darlington-4 reactor
NT2 dhruva reactor
NT2 diorit reactor
NT2 douglas point ontario reactor
NT2 eco reactor
NT2 el-1 reactor
NT2 el-2 reactor
NT2 essor reactor
NT2 f-1 reactor
NT2 fr-2 reactor
NT2 gentilly-1 reactor
NT2 gentilly-2 reactor
NT2 gleep reactor
NT2 hew-305 reactor
NT2 hwpzr reactor
NT2 jatr reactor
NT2 jrr-3 reactor
NT2 kaiga-1 reactor
NT2 kaiga-2 reactor
NT2 kakrapar-1 reactor
NT2 kakrapar-2 reactor
NT2 kalpakkam-1 reactor
NT2 kalpakkam-2 reactor
NT2 kanupp 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 marius reactor
NT2 mzfr reactor
NT2 narora-1 reactor
NT2 narora-2 reactor
NT2 npd reactor
NT2 nru reactor
NT2 nrx 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 pse reactor
NT2 r-1 reactor
NT2 r-b reactor
NT2 rajasthan-1 reactor
NT2 rajasthan-2 reactor
NT2 rajasthan-3 reactor
NT2 rajasthan-4 reactor
NT2 taiwan research reactor
NT2 windscale production reactors
NT2 wolsung-1 reactor
NT2 wolsung-2 reactor
NT2 wolsung-3 reactor
NT2 wolsung-4 reactor
NT2 x-10 reactor
NT2 zed-2 reactor
NT2 zeep reactor
NT2 zephyr reactor
NT1 organic cooled reactors
NT2 eco reactor
NT2 eocr reactor
NT2 essor reactor
NT2 lwor type reactors
NT2 omr type reactors
NT3 arbus reactor
NT3 omre reactor
NT3 pnpf reactor
NT2 wr-1 reactor
NT2 zed-2 reactor
NT1 organic moderated reactors
NT2 akr-1 reactor
NT2 eocr reactor
NT2 omr type reactors
NT3 arbus reactor
NT3 omre reactor
NT3 pnpf reactor
NT2 rosopo reactor
NT2 sur-100 series reactor
NT2 viper reactor
NT2 zerlina reactor
NT1 plutonium reactors
NT2 clementine reactor
NT2 ebr-1 reactor
NT2 hclwr type reactors
NT2 jatr reactor
NT2 lampre-1 reactor
NT2 masurca reactor
NT2 phenix reactor
NT2 prcf reactor
NT2 rapsodie reactor
NT2 sbr-1 reactor
NT2 sbr-2 reactor
NT2 sbr-5 reactor
NT2 sefor reactor
NT2 stacy reactor
NT2 superphenix reactor
NT2 tracy reactor
NT2 zeep reactor
NT2 zephyr reactor
NT1 power reactors
NT2 agesta reactor
NT2 aipfr reactor
NT2 ao-phai-1 reactor
NT2 aps reactor
NT2 arbus reactor
NT2 avr reactor
NT2 beloyarsk-1 reactor
NT2 beloyarsk-2 reactor
NT2 beloyarsk-3 reactor
NT2 beloyarsk-4 reactor
NT2 bilibin reactor
NT2 bn-1200 reactor
NT2 bn-1600 reactor
NT2 bn-350 reactor
NT2 bohunice a-1 reactor
NT2 bohunice a-2 reactor
NT2 bor-60 reactor
NT2 borax-3 reactor
NT2 borax-4 reactor
NT2 borax-5 reactor
NT2 brest-od-300 reactor
NT2 bugyey-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 chicha-1 reactor
NT3 bolsa chicha-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	montalto di castro-2 reactor	NT2	gcre reactor
NT3	dresden-1 reactor	NT3	monticello reactor	NT2	ginna-2 reactor
NT3	dresden-2 reactor	NT3	muehleberg reactor	NT2	hartlepool reactor
NT3	dresden-3 reactor	NT3	nine mile point-1 reactor	NT2	hbwr reactor
NT3	duane arnold-1 reactor	NT3	nine mile point-2 reactor	NT2	heysham-a reactor
NT3	ebwr reactor	NT3	okg-1 reactor	NT2	heysham-b reactor
NT3	enel-4 reactor	NT3	okg-2 reactor	NT2	hinkley point-b reactor
NT3	enrico fermi-2 reactor	NT3	okg-3 reactor	NT2	hnpf reactor
NT3	err reactor	NT3	olkiluoto-1 reactor	NT2	hokuriku-1 reactor
NT3	fitzpatrick reactor	NT3	olkiluoto-2 reactor	NT2	hre-2 reactor
NT3	forsmark-1 reactor	NT3	onagawa-1 reactor	NT2	hunterston-b reactor
NT3	forsmark-2 reactor	NT3	onagawa-2 reactor	NT2	ignalina-1 reactor
NT3	forsmark-3 reactor	NT3	onagawa-3 reactor	NT2	ignalina-2 reactor
NT3	fukushima-1 reactor	NT3	oyster creek-1 reactor	NT2	jervis bay reactor
NT3	fukushima-2 reactor	NT3	pathfinder reactor	NT2	joyo reactor
NT3	fukushima-3 reactor	NT3	peach bottom-2 reactor	NT2	kaiga-3 reactor
NT3	fukushima-4 reactor	NT3	peach bottom-3 reactor	NT2	kaiga-4 reactor
NT3	fukushima-5 reactor	NT3	perry-1 reactor	NT2	knk-2 reactor
NT3	fukushima-6 reactor	NT3	perry-2 reactor	NT2	knk reactor
NT3	fukushima-ii-1 reactor	NT3	philippsburg-1 reactor	NT2	kursk-1 reactor
NT3	fukushima-ii-2 reactor	NT3	phipps bend-1 reactor	NT2	kursk-2 reactor
NT3	fukushima-ii-3 reactor	NT3	phipps bend-2 reactor	NT2	kursk-3 reactor
NT3	fukushima-ii-4 reactor	NT3	pilgrim-1 reactor	NT2	kursk-4 reactor
NT3	garigliano reactor	NT3	quad cities-1 reactor	NT2	lampre-1 reactor
NT3	garona reactor	NT3	quad cities-2 reactor	NT2	leningrad-1 reactor
NT3	ge standard reactor	NT3	ringhals-1 reactor	NT2	leningrad-2 reactor
NT3	graben-1 reactor	NT3	river bend-1 reactor	NT2	leningrad-3 reactor
NT3	graben-2 reactor	NT3	river bend-2 reactor	NT2	leningrad-4 reactor
NT3	grand gulf-1 reactor	NT3	rwe-bayernwerk reactor	NT2	magnox type reactors
NT3	grand gulf-2 reactor	NT3	shika-1 reactor	NT3	berkeley reactor
NT3	gundremmingen-2 reactor	NT3	shika-2 reactor	NT3	bradwell reactor
NT3	gundremmingen-3 reactor	NT3	shimane-1 reactor	NT3	calder hall a-1 reactor
NT3	hamaoka-1 reactor	NT3	shimane-2 reactor	NT3	calder hall a-2 reactor
NT3	hamaoka-2 reactor	NT3	shimane-3 reactor	NT3	calder hall b-3 reactor
NT3	hamaoka-3 reactor	NT3	shoreham reactor	NT3	calder hall b-4 reactor
NT3	hamaoka-4 reactor	NT3	skagit-1 reactor	NT3	chapelcross-1 reactor
NT3	hamaoka-5 reactor	NT3	skagit-2 reactor	NT3	chapelcross-2 reactor
NT3	hartsville-1 reactor	NT3	sl-1 reactor	NT3	chapelcross-3 reactor
NT3	hartsville-2 reactor	NT3	susquehanna-1 reactor	NT3	chapelcross-4 reactor
NT3	hartsville-3 reactor	NT3	susquehanna-2 reactor	NT3	dungeness-a reactor
NT3	hartsville-4 reactor	NT3	tarapur-1 reactor	NT3	hinkley point-a reactor
NT3	hatch-1 reactor	NT3	tarapur-2 reactor	NT3	hunterston-a 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

NT4	cernavoda-1 reactor	NT3	tory-2a reactor	NT3	comanche peak-1 reactor
NT4	cernavoda-2 reactor	NT3	tory-2c reactor	NT3	comanche peak-2 reactor
NT4	cordoba reactor	NT3	xe-prime reactor	NT3	connecticut yankee reactor
NT4	darlington-1 reactor	NT2	pwr type reactors	NT3	cook-1 reactor
NT4	darlington-2 reactor	NT3	aguirre reactor	NT3	cook-2 reactor
NT4	darlington-3 reactor	NT3	almaraz-1 reactor	NT3	cruas-1 reactor
NT4	darlington-4 reactor	NT3	almaraz-2 reactor	NT3	cruas-2 reactor
NT4	douglas point ontario reactor	NT3	angra-1 reactor	NT3	cruas-3 reactor
NT4	embalse reactor	NT3	angra-2 reactor	NT3	cruas-4 reactor
NT4	gentilly-1 reactor	NT3	angra-3 reactor	NT3	crystal river-3 reactor
NT4	gentilly-2 reactor	NT3	arkansas-1 reactor	NT3	crystal river-4 reactor
NT4	kaiga-1 reactor	NT3	arkansas-2 reactor	NT3	dampierre-1 reactor
NT4	kaiga-2 reactor	NT3	asco-1 reactor	NT3	dampierre-2 reactor
NT4	kakrapar-1 reactor	NT3	asco-2 reactor	NT3	dampierre-3 reactor
NT4	kakrapar-2 reactor	NT3	atlantic-1 reactor	NT3	dampierre-4 reactor
NT4	kanupp reactor	NT3	atlantic-2 reactor	NT3	davis besse-1 reactor
NT4	npd reactor	NT3	basf-1 reactor	NT3	davis besse-2 reactor
NT4	pickering-1 reactor	NT3	basf-2 reactor	NT3	davis besse-3 reactor
NT4	pickering-2 reactor	NT3	beaver valley-1 reactor	NT3	daya bay-1 reactor
NT4	pickering-3 reactor	NT3	beaver valley-2 reactor	NT3	daya bay-2 reactor
NT4	pickering-4 reactor	NT3	bellefonte-1 reactor	NT3	diablo canyon-1 reactor
NT4	pickering-5 reactor	NT3	bellefonte-2 reactor	NT3	diablo canyon-2 reactor
NT4	pickering-6 reactor	NT3	belleville-1 reactor	NT3	doel-1 reactor
NT4	pickering-7 reactor	NT3	belleville-2 reactor	NT3	doel-2 reactor
NT4	pickering-8 reactor	NT3	beznau-1 reactor	NT3	doel-3 reactor
NT4	point lepreau-1 reactor	NT3	beznau-2 reactor	NT3	doel-4 reactor
NT4	point lepreau-2 reactor	NT3	biblis-1 reactor	NT3	efdr-50 reactor
NT4	qinshan-3-1 reactor	NT3	biblis-2 reactor	NT3	emsland reactor
NT4	qinshan-3-2 reactor	NT3	biblis-3 reactor	NT3	erie-1 reactor
NT4	rajasthan-1 reactor	NT3	biblis-4 reactor	NT3	erie-2 reactor
NT4	rajasthan-2 reactor	NT3	blayais-1 reactor	NT3	fangchenggang-1 reactor
NT4	rajasthan-3 reactor	NT3	blayais-2 reactor	NT3	fangchenggang-2 reactor
NT4	rajasthan-4 reactor	NT3	blayais-3 reactor	NT3	fangjiashan-1 reactor
NT4	wolsung-1 reactor	NT3	blayais-4 reactor	NT3	fangjiashan-2 reactor
NT4	wolsung-2 reactor	NT3	blue hills-1 reactor	NT3	farley-1 reactor
NT4	wolsung-3 reactor	NT3	blue hills-2 reactor	NT3	farley-2 reactor
NT4	wolsung-4 reactor	NT3	borssele reactor	NT3	fessenheim-1 reactor
NT3	cirene reactor	NT3	br-3 reactor	NT3	fessenheim-2 reactor
NT3	cvtr reactor	NT3	braidwood-1 reactor	NT3	flamanville-1 reactor
NT3	el-4 reactor	NT3	braidwood-2 reactor	NT3	flamanville-2 reactor
NT3	jatr reactor	NT3	brokdorf reactor	NT3	flamanville-3 reactor
NT3	kalpakkam-1 reactor	NT3	bugey-2 reactor	NT3	forked river-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	grafenrheinfeld 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

NT4	koshkonong-1 reactor	NT3	oi-4 reactor	NT3	sterling-1 reactor
NT3	haven-2 reactor	NT3	oktemberyan-2 reactor	NT3	sterling-2 reactor
NT4	koshkonong-2 reactor	NT3	olkiluoto-3 reactor	NT3	summer-1 reactor
NT3	hongyanhe-1 reactor	NT3	otto hahn reactor	NT3	sundesert-1 reactor
NT3	hongyanhe-2 reactor	NT3	palisades-1 reactor	NT3	sundesert-2 reactor
NT3	hongyanhe-3 reactor	NT3	palo verde-1 reactor	NT3	surry-1 reactor
NT3	hongyanhe-4 reactor	NT3	palo verde-2 reactor	NT3	surry-2 reactor
NT3	ikata-2 reactor	NT3	palo verde-3 reactor	NT3	surry-3 reactor
NT3	ikata-3 reactor	NT3	palo verde-4 reactor	NT3	surry-4 reactor
NT3	ikata reactor	NT3	palo verde-5 reactor	NT3	takahama-1 reactor
NT3	indian point-1 reactor	NT3	paluel-1 reactor	NT3	takahama-2 reactor
NT3	indian point-2 reactor	NT3	paluel-2 reactor	NT3	takahama-3 reactor
NT3	indian point-3 reactor	NT3	paluel-3 reactor	NT3	takahama-4 reactor
NT3	iran-1 reactor	NT3	paluel-4 reactor	NT3	three mile island-1 reactor
NT3	iran-2 reactor	NT3	pat reactor	NT3	three mile island-2 reactor
NT3	isar-2 reactor	NT3	pebble springs-1 reactor	NT3	tihange-2 reactor
NT3	jamesport-1 reactor	NT3	pebble springs-2 reactor	NT3	tihange-3 reactor
NT3	jamesport-2 reactor	NT3	penly-1 reactor	NT3	tihange reactor
NT3	kewaunee reactor	NT3	penly-2 reactor	NT3	tomari-1 reactor
NT3	koeberg-1 reactor	NT3	penly-3 reactor	NT3	tomari-2 reactor
NT3	koeberg-2 reactor	NT3	perkins-1 reactor	NT3	tomari-3 reactor
NT3	kori-1 reactor	NT3	perkins-2 reactor	NT3	tricastin-1 reactor
NT3	kori-2 reactor	NT3	perkins-3 reactor	NT3	tricastin-2 reactor
NT3	kori-3 reactor	NT3	philippsburg-2 reactor	NT3	tricastin-3 reactor
NT3	kori-4 reactor	NT3	pilgrim-2 reactor	NT3	tricastin-4 reactor
NT3	krsko reactor	NT3	pilgrim-3 reactor	NT3	trillo-1 reactor
NT3	lemoniz-1 reactor	NT3	pm-2a reactor	NT3	trojan reactor
NT3	lemoniz-2 reactor	NT3	pm-3a reactor	NT3	tsuruga-2 reactor
NT3	lenin reactor	NT3	pnpp-1 reactor	NT3	turkey point-3 reactor
NT3	leonid brezhnev reactor	NT3	point beach-1 reactor	NT3	turkey point-4 reactor
NT3	lingao-1 reactor	NT3	point beach-2 reactor	NT3	tva-1 reactor
NT3	lingao-2 reactor	NT3	prairie island-1 reactor	NT3	tva-2 reactor
NT3	lingao-3 reactor	NT3	prairie island-2 reactor	NT3	tyrone-1 reactor
NT3	lingao-4 reactor	NT3	qinshan-1 reactor	NT3	tyrone-2 reactor
NT3	loft reactor	NT3	qinshan-2-1 reactor	NT3	ulchin-1 reactor
NT3	lucie-1 reactor	NT3	qinshan-2-2 reactor	NT3	ulchin-2 reactor
NT3	lucie-2 reactor	NT3	qinshan-2-3 reactor	NT3	ulchin-3 reactor
NT3	maanshan-1 reactor	NT3	qinshan-2-4 reactor	NT3	ulchin-4 reactor
NT3	maanshan-2 reactor	NT3	quanicassee-1 reactor	NT3	ulchin-5 reactor
NT3	maine yankee reactor	NT3	quanicassee-2 reactor	NT3	ulchin-6 reactor
NT3	malibu-1 reactor	NT3	rancho seco-1 reactor	NT3	unterweser reactor
NT3	marble hill-1 reactor	NT3	remerschen reactor	NT3	vahnum-1 reactor
NT3	marble hill-2 reactor	NT3	rheinsberg akw1 reactor	NT3	vahnum-2 reactor
NT3	mc guire-1 reactor	NT3	ringhals-2 reactor	NT3	vandellos-2 reactor
NT3	mc guire-2 reactor	NT3	ringhals-3 reactor	NT3	vogtle-1 reactor
NT3	mh-1a reactor	NT3	ringhals-4 reactor	NT3	vogtle-2 reactor
NT3	midland-1 reactor	NT3	robinson-2 reactor	NT3	vogtle-3 reactor
NT3	midland-2 reactor	NT3	rooppur reactor	NT3	vogtle-4 reactor
NT3	mihama-1 reactor	NT3	rowe yankee reactor	NT3	waterford-3 reactor
NT3	mihama-2 reactor	NT3	s1c prototype reactor	NT3	waterford-4 reactor
NT3	mihama-3 reactor	NT3	saint alban-1 reactor	NT3	watts bar-1 reactor
NT3	millstone-2 reactor	NT3	saint alban-2 reactor	NT3	watts bar-2 reactor
NT3	millstone-3 reactor	NT3	saint laurent-b1 reactor	NT3	westinghouse standard reactor
NT3	muelheim-kaerlich reactor	NT3	saint laurent-b2 reactor	NT3	wnp-1 reactor
NT3	mutsu reactor	NT3	salem-1 reactor	NT3	wnp-3 reactor
NT3	neckar-1 reactor	NT3	salem-2 reactor	NT3	wnp-4 reactor
NT3	neckar-2 reactor	NT3	san onofre-1 reactor	NT3	wnp-5 reactor
NT3	nep-1 reactor	NT3	san onofre-2 reactor	NT3	wolf creek-1 reactor
NT3	nep-2 reactor	NT3	san onofre-3 reactor	NT3	wup-3 reactor
NT3	neupotz-1 reactor	NT3	savannah reactor	NT3	wup-4 reactor
NT3	neupotz-2 reactor	NT3	saxton reactor	NT3	wup-5 reactor
NT3	ningde-1 reactor	NT3	seabrook-1 reactor	NT3	wup-6 reactor
NT3	ningde-2 reactor	NT3	seabrook-2 reactor	NT3	wwer type reactors
NT3	ningde-3 reactor	NT3	selni reactor	NT4	armenian-1 reactor
NT3	ningde-4 reactor	NT3	sendai-1 reactor	NT4	armenian-2 reactor
NT3	nogent-1 reactor	NT3	sendai-2 reactor	NT4	balakovo-1 reactor
NT3	nogent-2 reactor	NT3	sequoyah-1 reactor	NT4	balakovo-2 reactor
NT3	north anna-1 reactor	NT3	sequoyah-2 reactor	NT4	balakovo-3 reactor
NT3	north anna-2 reactor	NT3	shin-kori-1 reactor	NT4	balakovo-4 reactor
NT3	north anna-3 reactor	NT3	shin-kori-2 reactor	NT4	blahutovice-1 reactor
NT3	north anna-4 reactor	NT3	shin-kori-3 reactor	NT4	bohunice v-1 reactor
NT3	north coast-1 reactor	NT3	shin-wolsong-1 reactor	NT4	bohunice v-2 reactor
NT3	obrigheim reactor	NT3	shippingport reactor	NT4	dukovany-1 reactor
NT3	oconee-1 reactor	NT3	sizewell-b reactor	NT4	dukovany-2 reactor
NT3	oconee-2 reactor	NT3	sm-1 reactor	NT4	dukovany-3 reactor
NT3	oconee-3 reactor	NT3	sm-1a reactor	NT4	dukovany-4 reactor
NT3	oi-1 reactor	NT3	south texas project-1 reactor	NT4	greifswald-1 reactor
NT3	oi-2 reactor	NT3	south texas project-2 reactor	NT4	greifswald-2 reactor
NT3	oi-3 reactor	NT3	stade reactor	NT4	greifswald-3 reactor

NT4	greifswald-4 reactor	NT2	smolensk-3 reactor	NT3	chapelcross-4 reactor
NT4	greifswald-5 reactor	NT2	snr-2 reactor	NT3	g-1 reactor
NT4	greifswald-6 reactor	NT2	snr reactor	NT3	g-2 reactor
NT4	juragua-1 reactor	NT2	space power reactors	NT3	g-3 reactor
NT4	kalinin-1 reactor	NT3	snap reactors	NT3	hanford production reactors
NT4	kalinin-2 reactor	NT4	snap 10 reactor	NT3	n-reactor
NT4	kalinin-3 reactor	NT5	s10fs-1 reactor	NT3	windscale production reactors
NT4	kalinin-4 reactor	NT5	s10fs-3 reactor	NT2	rtf reactor
NT4	kecerovce-1 reactor	NT5	s10fs-4 reactor	NT2	special production reactors
NT4	khmelnitskij-1 reactor	NT4	snap 2 reactor	NT3	c reactor
NT4	khmelnitskij-2 reactor	NT5	s2ds reactor	NT3	k reactor
NT4	kola-1 reactor	NT4	snap 50 reactor	NT3	l reactor
NT4	kola-2 reactor	NT4	snap 8 reactor	NT3	p reactor
NT4	kola-3 reactor	NT5	s8dr reactor	NT3	r reactor
NT4	kola-4 reactor	NT5	s8er reactor	NT2	sr-305 reactor
NT4	kozloduy-1 reactor	NT3	space propulsion reactors	NT1	pulsed reactors
NT4	kozloduy-2 reactor	NT4	kiwi reactors	NT2	acpr reactor
NT4	kozloduy-3 reactor	NT5	kiwi-tnt reactor	NT2	aprf reactor
NT4	kozloduy-4 reactor	NT4	nerva reactor	NT2	atpr reactor
NT4	kozloduy-5 reactor	NT4	nrx-a1 reactor	NT2	bigr reactor
NT4	kozloduy-6 reactor	NT4	nrx-a2 reactor	NT2	bir reactor
NT4	kudankulam-1 reactor	NT4	nrx-a3 reactor	NT2	fbrf reactor
NT4	kudankulam-2 reactor	NT4	nrx-a4-est reactor	NT2	fir-1 reactor
NT4	loviisa-1 reactor	NT4	nrx-a5 reactor	NT2	gidra reactor
NT4	loviisa-2 reactor	NT4	nrx-a6 reactor	NT2	hector reactor
NT4	mochove-1 reactor	NT4	nrx-a7 reactor	NT2	hprf reactor
NT4	mochove-2 reactor	NT4	pewee-1 reactor	NT2	ibr-2 reactor
NT4	novovoronezh-1 reactor	NT4	pewee-2 reactor	NT2	ibr-30 reactor
NT4	novovoronezh-2 reactor	NT4	pewee-3 reactor	NT2	igr reactor
NT4	novovoronezh-3 reactor	NT4	pewee-4 reactor	NT2	kalpakkam pfr reactor
NT4	novovoronezh-4 reactor	NT4	phoebus-1a reactor	NT2	nsrr reactor
NT4	novovoronezh-5 reactor	NT4	phoebus-1b reactor	NT2	ostr reactor
NT4	paks-1 reactor	NT4	phoebus-2a reactor	NT2	pbf reactor
NT4	paks-2 reactor	NT4	rover reactors	NT2	sora reactor
NT4	paks-3 reactor	NT4	twmr reactor	NT2	spr-2 reactor
NT4	paks-4 reactor	NT4	xe-2 reactor	NT2	spr-3 reactor
NT4	rostov-1 reactor	NT2	sre reactor	NT2	spr-4 reactor
NT4	rostov-2 reactor	NT2	summit-1 reactor	NT2	super kukla 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	vhtr 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	nhr-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-tsfr reactor	NT3	srrc-utr-100 reactor
NT3	zorita-1 reactor	NT2	thermos reactor	NT3	stark reactor
NT2	rajasthan-5 reactor	NT1	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

NT3	atrc reactor	NT3	vhtr reactor	NT4	split table reactor
NT3	bilibin reactor	NT3	xe-2 reactor	NT4	sr-0a reactor
NT3	bor-60 reactor	NT3	xe-prime reactor	NT4	stacy reactor
NT3	borax-1 reactor	NT3	xma-1 reactor	NT4	tca reactor
NT3	borax-2 reactor	NT3	zero power reactors	NT4	tnrc reactor
NT3	borax-3 reactor	NT4	agn-201k reactor	NT4	tr-0 reactor
NT3	borax-4 reactor	NT4	agata reactor	NT4	tracy reactor
NT3	breast-od-300 reactor	NT4	akr-1 reactor	NT4	vera reactor
NT3	cefr reactor	NT4	anex reactor	NT4	wwr-k cf reactor
NT3	cesar reactor	NT4	anna reactor	NT4	zebra reactor
NT3	dfr reactor	NT4	apfa-3 reactor	NT4	zeep reactor
NT3	dragon reactor	NT4	aquilon reactor	NT4	zenith reactor
NT3	ebr-1 reactor	NT4	bfs reactor	NT4	zephyr reactor
NT3	ebr-2 reactor	NT4	big ten reactor	NT4	zerlina reactor
NT3	ebwr reactor	NT4	cfmrf reactor	NT4	zlfr reactor
NT3	egcr reactor	NT4	cml reactor	NT4	zppr reactor
NT3	el-1 reactor	NT4	coral-1 reactor	NT4	zpr-3 reactor
NT3	eocr reactor	NT4	crocus reactor	NT4	zpr-6 reactor
NT3	esada-vesr reactor	NT4	dca reactor	NT4	zpr-9 reactor
NT3	ewg-1 reactor	NT4	dimple reactor	NT4	zpr reactor
NT3	gcre reactor	NT4	ecel reactor	NT4	zr-6 reactor
NT3	hbwr reactor	NT4	entc lwsr reactor	NT3	zrr reactor
NT3	hdr reactor	NT4	ermine reactor	NT2	kalpakkam pfr reactor
NT3	hre-2 reactor	NT4	etrc reactor	NT2	kamini reactor
NT3	htr-10 reactor	NT4	fca reactor	NT2	maple reactor
NT3	httr reactor	NT4	flatop reactor	NT2	maple type reactors
NT3	igr reactor	NT4	fr-0 reactor	NT2	maria reactor
NT3	ir-100 reactor	NT4	giacint reactor	NT2	nuclear furnace reactor
NT3	joyo reactor	NT4	godiva reactor	NT2	purnima-3 reactor
NT3	jpdr reactor	NT4	hero reactor	NT2	research reactors
NT3	jules horowitz reactor	NT4	hitrex-1 reactor	NT3	ill high flux reactor
NT3	kiwi-tnt reactor	NT4	horace reactor	NT3	aarr reactor
NT3	knk-2 reactor	NT4	hwzpr reactor	NT3	acpr reactor
NT3	knk reactor	NT4	iea-zpr reactor	NT3	aeg-pr-10 reactor
NT3	lampre-1 reactor	NT4	ifr reactor	NT3	aerojet-general nucleonics reactors
NT3	mh-1a reactor	NT4	ipen-mb-1 reactor	NT4	agn-201k reactor
NT3	mir reactor	NT4	jezebel reactor	NT4	agn 201 costanza
NT3	msre reactor	NT4	juno reactor	NT3	afri 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	oml-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	nuclear chicago reactor	NT4	peggy reactor	NT3	bam reactor
NT4	accelerator-driven subcritical systems	NT4	pelinduna reactor	NT3	bepo reactor
NT5	accelerator-driven transmutation facilities	NT4	plasma core assembly	NT3	ber-2 reactor
NT5	brahmha facility	NT4	prcf reactor	NT3	bgrr reactor
NT5	myrrha facility	NT4	ptf-unc reactor	NT3	bigr reactor
NT5	venus reactor	NT4	purnima-2 reactor	NT3	bir reactor
NT5	yalina facility	NT4	purnima reactor	NT3	br-02 reactor
NT4	delphi reactor	NT4	r-b reactor	NT3	br-1 reactor
NT4	entc lwsr reactor	NT4	ra-0 reactor	NT3	brr reactor
NT4	jordan subcritical assembly	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
		NT4	sm-1 subcritical assembly	NT3	cp-2 reactor
		NT4	sneak reactor		

NT3	cp-3 reactor	NT3	irt-2000 moscow reactor	NT3	pik physical model reactor
NT3	cp-3m reactor	NT3	irt-baghdad reactor	NT3	pik reactor
NT3	cp-5 reactor	NT3	irt-c reactor	NT3	pmc-l-77 reactor
NT3	cp-6 reactor	NT3	irt-dprk reactor	NT3	proteus reactor
NT3	crocus reactor	NT3	irt-f reactor	NT3	prtr reactor
NT3	democritus reactor	NT3	irt-m reactor	NT3	psbr reactor
NT3	dhruva reactor	NT3	irt reactor	NT3	ptr reactor
NT3	dido reactor	NT3	irt-sofia reactor	NT3	pulstar-buffalo reactor
NT3	diorit reactor	NT3	isis reactor	NT3	pulstar-raleigh reactor
NT3	dmtr reactor	NT3	isprra-1 reactor	NT3	r-1 reactor
NT3	dow triga-mk-1 reactor	NT3	ivv-2m reactor	NT3	r-2 reactor
NT3	dr-1 reactor	NT3	ivv-7 reactor	NT3	r-a reactor
NT3	dr-2 reactor	NT3	janus reactor	NT3	r2-0 reactor
NT3	dr-3 reactor	NT3	jason reactor	NT3	ra-0 reactor
NT3	ebor reactor	NT3	jeep-2 reactor	NT3	ra-10 reactor
NT3	ebr-1 reactor	NT3	jen-1 reactor	NT3	ra-2 reactor
NT3	eco reactor	NT3	jen-2 reactor	NT3	ra-3 reactor
NT3	el-1 reactor	NT3	jen reactor	NT3	ra-4 reactor
NT3	el-2 reactor	NT3	jmtr reactor	NT3	ra-5 reactor
NT3	el-3 reactor	NT3	jrr-1 reactor	NT3	ra-6 reactor
NT3	eocr reactor	NT3	jrr-2 reactor	NT3	ra-8 reactor
NT3	eole reactor	NT3	jrr-3 reactor	NT3	rake-2 reactor
NT3	es-salam reactor	NT3	jrr-3m reactor	NT3	rana reactor
NT3	etr reactor	NT3	jrr-4 reactor	NT3	rb-1 reactor
NT3	etrc reactor	NT3	jtrr reactor	NT3	rg-1m reactor
NT3	etr-1 reactor	NT3	juno reactor	NT3	rien-1 reactor
NT3	etr-2 reactor	NT3	kartini-ppny reactor	NT3	rinsc reactor
NT3	ewa reactor	NT3	king reactor	NT3	ritmo reactor
NT3	f-1 reactor	NT3	kstr reactor	NT3	rmb reactor
NT3	fbrf reactor	NT3	kuhfr reactor	NT3	romashka reactor
NT3	fftf reactor	NT3	kur reactor	NT3	rp-10 reactor
NT3	fir-1 reactor	NT3	la reina rech-1 reactor	NT3	rpt reactor
NT3	fmr reactor	NT3	lfr reactor	NT3	rts-1 reactor
NT3	fmr reactor	NT3	lido reactor	NT3	rv-1 reactor
NT3	fr-0 reactor	NT3	lo aguirre rech-2 reactor	NT3	safari-1 reactor
NT3	fr-2 reactor	NT3	lpr reactor	NT3	sbr-1 reactor
NT3	frf reactor	NT3	lptr reactor	NT3	sbr-2 reactor
NT3	frg-1 reactor	NT3	ltir reactor	NT3	sbr-5 reactor
NT3	frg-2 reactor	NT3	lv-15 reactor	NT3	scarabee reactor
NT3	frj-1 reactor	NT3	maris reactor	NT3	silene reactor
NT3	frj-2 reactor	NT3	maryla reactor	NT3	slowpoke type reactors
NT3	frm-ii reactor	NT3	melusine-1 reactor	NT4	slowpoke-alberta reactor
NT3	frm reactor	NT3	merlin reactor	NT4	slowpoke-dalhousie reactor
NT3	fm reactor	NT3	minerve reactor	NT4	slowpoke-mona reactor
NT3	ga siwabessy reactor	NT3	mitr reactor	NT4	slowpoke-montreal reactor
NT3	giacint reactor	NT3	mnr reactor	NT4	slowpoke-ottawa reactor
NT3	gidra reactor	NT3	mnsr type reactors	NT4	slowpoke rmc reactor
NT3	gleep reactor	NT4	entc mnsr reactor	NT4	slowpoke src reactor
NT3	grenoble reactor	NT4	gharr-1 reactor	NT4	slowpoke-toronto reactor
NT3	gtrr reactor	NT4	mnsr-ciae reactor	NT4	slowpoke-wnre reactor
NT3	gulf triga-mk-3 reactor	NT4	mnsr-sd reactor	NT3	sm-1 subcritical assembly
NT3	hanaro reactor	NT4	mnsr-sh reactor	NT3	sneak reactor
NT3	harmonie reactor	NT4	mnsr-sz reactor	NT3	sora reactor
NT3	hector reactor	NT4	nirr-1 reactor	NT3	spert-1 reactor
NT3	herald reactor	NT4	parr-2 reactor	NT3	spr-2 reactor
NT3	hero reactor	NT4	srr-1 reactor	NT3	spr-3 reactor
NT3	hew-305 reactor	NT3	moata reactor	NT3	spr-4 reactor
NT3	hfbr reactor	NT3	mr reactor	NT3	spr iae reactor
NT3	hfir reactor	NT3	mrr reactor	NT3	spr-300 reactor
NT3	hfr reactor	NT3	murr reactor	NT3	sr-1 reactor
NT3	hifar reactor	NT3	myrrha facility	NT3	sr-0a reactor
NT3	hor reactor	NT3	nbsr reactor	NT3	srcc-utr-100 reactor
NT3	horace reactor	NT3	ncscr-1 reactor	NT3	stf reactor
NT3	hpr reactor	NT3	nestor reactor	NT3	supo reactor
NT3	hre-2 reactor	NT3	nhr-5 reactor	NT3	swierk r-2 reactor
NT3	htlr reactor	NT3	nora reactor	NT3	taiwan research reactor
NT3	htr reactor	NT3	nru reactor	NT3	tapiro reactor
NT3	hwrr reactor	NT3	nrx reactor	NT3	tca reactor
NT3	ian-r1 reactor	NT3	nsrr reactor	NT3	thetis reactor
NT3	ibr-2 reactor	NT3	ntr reactor	NT3	thor reactor
NT3	ibr-30 reactor	NT3	nur reactor	NT3	tibr reactor
NT3	iea-zpr reactor	NT3	orphee reactor	NT3	tory-2a reactor
NT3	iear-1 reactor	NT3	osiris reactor	NT3	toshiba reactor
NT3	ihni-1 reactor	NT3	owr reactor	NT3	tr-1 reactor
NT3	irl reactor	NT3	parr-1 reactor	NT3	tr-2 reactor
NT3	irr-1 reactor	NT3	pat reactor	NT3	triga-1-michigan reactor
NT3	irr-2 reactor	NT3	pbr reactor	NT3	triton reactor
NT3	irt-1 libya reactor	NT3	pctr reactor	NT3	trr-1 reactor
NT3	irt-2000 djakarta reactor	NT3	phebus reactor	NT3	tsr-2 reactor

NT3	uftr reactor	NT3	hifar reactor	NT3	frg-1 reactor
NT3	uknr reactor	NT3	hre-2 reactor	NT3	gleep reactor
NT3	umne-1 reactor	NT3	htlr reactor	NT3	gtrr reactor
NT3	umrr reactor	NT3	htr-10 reactor	NT3	gulf triga-mk-3 reactor
NT3	utr-10-kinki reactor	NT3	irl reactor	NT3	hor reactor
NT3	utrr reactor	NT3	irr-1 reactor	NT3	htr reactor
NT3	uvar reactor	NT3	irt-2000 djakarta reactor	NT3	ian-r1 reactor
NT3	vera reactor	NT3	irt-2000 moscow reactor	NT3	iowa utr-10 reactor
NT3	viper reactor	NT3	irt-baghdad reactor	NT3	ir-100 reactor
NT3	vpi-utr-10 reactor	NT3	ispra-1 reactor	NT3	jason reactor
NT3	wrrr reactor	NT3	jmtr reactor	NT3	jrr-1 reactor
NT3	wsur reactor	NT3	kalpakkam lmfb reactor	NT3	kur reactor
NT3	wtr reactor	NT3	loft reactor	NT3	lfr reactor
NT3	wwr-2 reactor	NT3	mzfr reactor	NT3	melusine-1 reactor
NT3	wwr-k-almaty reactor	NT3	netr reactor	NT3	merlin reactor
NT3	wwr-k cf reactor	NT3	nru reactor	NT3	mitr reactor
NT3	wwr-m-kiev reactor	NT3	ntr reactor	NT3	moata reactor
NT3	wwr-m-leningrad reactor	NT3	orpee reactor	NT3	murr reactor
NT3	wwr-s-bucharest reactor	NT3	owr reactor	NT3	ncscr-1 reactor
NT3	wwr-s-cairo reactor	NT3	pat reactor	NT3	nevada university reactor
NT3	wwr-s-moscow reactor	NT3	pegase reactor	NT3	nscr reactor
NT3	wwr-s-prague reactor	NT3	proteus reactor	NT3	ostr reactor
NT3	wwr-s-tashkent reactor	NT3	ra-3 reactor	NT3	osur reactor
NT3	wwr-sm rossendorf reactor	NT3	ra-4 reactor	NT3	prnc-l-77 reactor
NT3	wwr-z reactor	NT3	ra-5 reactor	NT3	psbr reactor
NT3	x-10 reactor	NT3	ra-6 reactor	NT3	pur-1 reactor
NT3	xapr reactor	NT3	ra-8 reactor	NT3	queen mary college utr-b reactor
NT3	zebra reactor	NT3	rapsodie reactor	NT3	r-b reactor
NT3	zeep reactor	NT3	rts-1 reactor	NT3	ra-1 reactor
NT3	zenith reactor	NT3	s1c prototype reactor	NT3	rien-1 reactor
NT3	zerlina reactor	NT3	safari-1 reactor	NT3	rts-1 reactor
NT3	zlfr reactor	NT3	sbr-5 reactor	NT3	rv-1 reactor
NT3	zppr reactor	NT3	snaptran reactors	NT3	sr-3p reactor
NT2	super kukla reactor	NT3	stf reactor	NT3	src-utr-100 reactor
NT2	test reactors	NT3	tapiro reactor	NT3	stark reactor
NT3	aipfr reactor	NT3	tory-2a reactor	NT3	strasbourg-cronenbourg reactor
NT3	arbus reactor	NT3	tory-2c reactor	NT3	sur-100 series reactor
NT3	astr reactor	NT3	treat reactor	NT3	thetis reactor
NT3	astra reactor	NT3	triga-1-michigan reactor	NT3	thor reactor
NT3	atpr reactor	NT3	triga-2-pavia reactor	NT3	toshiba reactor
NT3	atr reactor	NT3	tsr-1 reactor	NT3	tr-1 reactor
NT3	bam reactor	NT3	tsr-2 reactor	NT3	trico ii reactor
NT3	bawtr reactor	NT3	urr reactor	NT3	trico reactor
NT3	bgrr reactor	NT3	uvar reactor	NT3	triga-1-michigan reactor
NT3	borax-5 reactor	NT3	viper reactor	NT3	triga-2-pavia reactor
NT3	br-02 reactor	NT3	wr-1 reactor	NT3	trr-1 reactor
NT3	brr reactor	NT3	wtr reactor	NT3	ucbrr reactor
NT3	cesnef reactor	NT2	training reactors	NT3	uftr reactor
NT3	cirus reactor	NT3	ill high flux reactor	NT3	ulyse reactor
NT3	cp-5 reactor	NT3	nuclear chicago reactor	NT3	umne-1 reactor
NT3	dhruva reactor	NT3	aerojet-general nucleonics reactors	NT3	umrr reactor
NT3	dimple reactor	NT4	agn-201k reactor	NT3	urr reactor
NT3	diorit reactor	NT4	agn 201 costanza	NT3	utr-10-kinki reactor
NT3	ebor reactor	NT3	afri reactor	NT3	uvar reactor
NT3	ebr-1 reactor	NT3	ai-l-77 reactor	NT3	uwnr reactor
NT3	eco reactor	NT3	akr-1 reactor	NT3	uwtr reactor
NT3	eocr reactor	NT3	apsara reactor	NT3	vpi-utr-10 reactor
NT3	esada-vesr reactor	NT3	arbi reactor	NT3	vr-1 reactor
NT3	essor reactor	NT3	argonaut reactor	NT3	wntr reactor
NT3	etr reactor	NT3	argos reactor	NT3	wpir reactor
NT3	etrc reactor	NT3	athene reactor	NT3	wwr-s-budapest reactor
NT3	fftf reactor	NT3	atpr reactor	NT3	x-10 reactor
NT3	fir-1 reactor	NT3	bgrr reactor	NT3	zlfr reactor
NT3	fmr reactor	NT3	budapest training reactor	NT3	zpr reactor
NT3	fnr reactor	NT3	byu l-77 reactor	NT2	triga type reactors
NT3	fr-2 reactor	NT3	cesnef reactor	NT3	afri reactor
NT3	frctf reactor	NT3	cirus reactor	NT3	atpr reactor
NT3	frg-1 reactor	NT3	colorado triga-mk-3 reactor	NT3	colorado triga-mk-3 reactor
NT3	frn reactor	NT3	consort-2 reactor	NT3	cornell triga-mk-2 reactor
NT3	getr reactor	NT3	cornell triga-mk-2 reactor	NT3	dow triga-mk-1 reactor
NT3	grenoble reactor	NT3	dow triga-mk-1 reactor	NT3	fir-1 reactor
NT3	gtr reactor	NT3	dr-1 reactor	NT3	frf-2 reactor
NT3	gtrr reactor	NT3	entc lwsr reactor	NT3	frn reactor
NT3	hanaro reactor	NT3	es-salam reactor	NT3	gulf triga-mk-3 reactor
NT3	harmonie reactor	NT3	fir-1 reactor	NT3	kartini-ppny reactor
NT3	herald reactor	NT3	fmr reactor	NT3	lopra reactor
NT3	hero reactor	NT3	fr-0 reactor	NT3	ma-r1 reactor
NT3	hew-305 reactor	NT3	frf reactor	NT3	nscr reactor
NT3	hfir reactor			NT3	ostr reactor

NT3	prpr reactor	NT2	getr reactor	NT2	thermos reactor
NT3	psbr reactor	NT2	grenoble reactor	NT2	triga-1-michigan reactor
NT3	rtp reactor	NT2	gtrr reactor	NT2	tsr-1 reactor
NT3	trico ii reactor	NT2	hbwr reactor	NT2	wntr reactor
NT3	trico reactor	NT2	hfbr reactor	NT2	wr-1 reactor
NT3	triga-1-arizona reactor	NT2	hfir reactor	NT2	wtr reactor
NT3	triga-1-california reactor	NT2	hfr reactor	NT2	wwr type reactors
NT3	triga-1-hanford reactor	NT2	hifar reactor	NT3	budapest training reactor
NT3	triga-1-hanover reactor	NT2	hwctr reactor	NT3	irt-1 libya reactor
NT3	triga-1-heidelberg reactor	NT2	igr reactor	NT3	irt-baghdad reactor
NT3	triga-1-michigan reactor	NT2	irr-2 reactor	NT3	lvr-15 reactor
NT3	triga-2-bandung reactor	NT2	ispra-1 reactor	NT3	wwr-2 reactor
NT3	triga-2-bangladesh reactor	NT2	janus reactor	NT3	wwr-k-almaty reactor
NT3	triga-2-dalat reactor	NT2	jeep-2 reactor	NT3	wwr-k cf reactor
NT3	triga-2-illinois reactor	NT2	jmtr reactor	NT3	wwr-m-kiev reactor
NT3	triga-2-kansas reactor	NT2	jrr-2 reactor	NT3	wwr-m-leningrad reactor
NT3	triga-2-ljubljana reactor	NT2	jrr-3 reactor	NT3	wwr-s-bucharest reactor
NT3	triga-2-mainz reactor	NT2	juno reactor	NT3	wwr-s-budapest reactor
NT3	triga-2-musashi reactor	NT2	kamini reactor	NT3	wwr-s-cairo reactor
NT3	triga-2-pavia reactor	NT2	litr reactor	NT3	wwr-s-moscow reactor
NT3	triga-2-pitesti reactor	NT2	loft reactor	NT3	wwr-s-prague reactor
NT3	triga-2-pitesti-ss-core reactor	NT2	lprr reactor	NT3	wwr-s-tashkent reactor
NT3	triga-2 reactor	NT2	mir reactor	NT3	wwr-sm rossendorf reactor
NT3	triga-2-rikkyo reactor	NT2	mitr reactor	NT3	wwr-z reactor
NT3	triga-2-rome reactor	NT2	mnsr type reactors	NT2	zed-2 reactor
NT3	triga-2-seoul reactor	NT3	entc mnsr reactor	NT2	zeep reactor
NT3	triga-2-vienna reactor	NT3	gharr-1 reactor	NT2	zlfr reactor
NT3	triga-3-la jolla reactor	NT3	mnsr-ciae reactor	NT2	zpr reactor
NT3	triga-3-munich reactor	NT3	mnsr-sd reactor	NT1	thermal reactors
NT3	triga-3-salazar reactor	NT3	mnsr-sh reactor	NT2	aeg-pr-10 reactor
NT3	triga-3-seoul reactor	NT3	mnsr-sz reactor	NT2	aerojet-general nucleonics reactors
NT3	triga-brazil reactor	NT3	nirr-1 reactor	NT3	agn-201k reactor
NT3	triga-texas reactor	NT3	parr-2 reactor	NT3	agn 201 costanza
NT3	triga-veterans reactor	NT3	srr-1 reactor	NT2	aftri reactor
NT3	ucbrr reactor	NT2	mrr reactor	NT2	agesta reactor
NT3	uwnr reactor	NT2	mtr reactor	NT2	ai-l-77 reactor
NT3	wsur reactor	NT2	murr reactor	NT2	akr-1 reactor
NT2	yayoi reactor	NT2	nbsr reactor	NT2	alrr reactor
NT1	small modular reactors	NT2	netr reactor	NT2	anex reactor
NT2	carem 25 reactor	NT2	nora reactor	NT2	anna reactor
NT1	steam cooled reactors	NT2	nru reactor	NT2	aps reactor
NT1	tank type reactors	NT2	nrx reactor	NT2	apsara reactor
NT2	aarr reactor	NT2	ntr reactor	NT2	aquilon reactor
NT2	alrr reactor	NT2	nuclear furnace reactor	NT2	arbi reactor
NT2	aquilon reactor	NT2	orphee reactor	NT2	arbus reactor
NT2	atr reactor	NT2	orr reactor	NT2	argonaut reactor
NT2	atsr reactor	NT2	osiris reactor	NT2	argos reactor
NT2	borax-1 reactor	NT2	owr reactor	NT2	argus reactor
NT2	borax-2 reactor	NT2	pbf reactor	NT2	armf-1 reactor
NT2	borax-3 reactor	NT2	pbr reactor	NT2	astra reactor
NT2	borax-4 reactor	NT2	pegase reactor	NT2	athene reactor
NT2	borax-5 reactor	NT2	pelinduna reactor	NT2	atpr reactor
NT2	br-02 reactor	NT2	pik reactor	NT2	atr reactor
NT2	br-1 reactor	NT2	pluto reactor	NT2	atrc reactor
NT2	br-2 reactor	NT2	prcf reactor	NT2	atsr reactor
NT2	cirus reactor	NT2	prr reactor	NT2	atucha-1 reactor
NT2	cp-3 reactor	NT2	pse reactor	NT2	atucha-2 reactor
NT2	cp-3m reactor	NT2	pumima-3 reactor	NT2	avogadro rs-1 reactor
NT2	cp-5 reactor	NT2	r-1 reactor	NT2	avr reactor
NT2	dca reactor	NT2	r-2 reactor	NT2	bawtr reactor
NT2	dido reactor	NT2	r-a reactor	NT2	beloyarsk-1 reactor
NT2	diorit reactor	NT2	ra-0 reactor	NT2	beloyarsk-2 reactor
NT2	dmtr reactor	NT2	ra-2 reactor	NT2	bepo reactor
NT2	dr-3 reactor	NT2	ra-3 reactor	NT2	ber-2 reactor
NT2	eco reactor	NT2	ra-4 reactor	NT2	berkeley reactor
NT2	el-1 reactor	NT2	ra-5 reactor	NT2	bgr reactor
NT2	el-2 reactor	NT2	rake-2 reactor	NT2	bilibin reactor
NT2	el-3 reactor	NT2	rb-3 reactor	NT2	bohunice a-1 reactor
NT2	eocr reactor	NT2	rospo reactor	NT2	bohunice a-2 reactor
NT2	eole reactor	NT2	rpt reactor	NT2	borax-1 reactor
NT2	esada-vesr reactor	NT2	safari-1 reactor	NT2	borax-2 reactor
NT2	essor reactor	NT2	sm-2 reactor	NT2	borax-3 reactor
NT2	etr reactor	NT2	spert-1 reactor	NT2	borax-4 reactor
NT2	etrr-1 reactor	NT2	spert-2 reactor	NT2	borax-5 reactor
NT2	ewa reactor	NT2	spert-3 reactor	NT2	br-02 reactor
NT2	ewg-1 reactor	NT2	sr-1 reactor	NT2	br-1 reactor
NT2	fir-1 reactor	NT2	sr-0a reactor	NT2	br-2 reactor
NT2	fr-2 reactor	NT2	taiwan research reactor	NT2	bradwell reactor
NT2	frj-2 reactor	NT2	tca reactor	NT2	brr reactor

NT2	bsr-1 reactor	NT3	higashidori-1 reactor	NT3	tullnerfeld reactor
NT2	bsr-2 reactor	NT3	hope creek-1 reactor	NT3	vak reactor
NT2	budapest training reactor	NT3	hope creek-2 reactor	NT3	vbwr reactor
NT2	bugey-1 reactor	NT3	humboldt bay reactor	NT3	vermont yankee reactor
NT2	bwr type reactors	NT3	isar reactor	NT3	verplanck-1 reactor
NT3	allens creek-1 reactor	NT3	jpdr-2 reactor	NT3	verplanck-2 reactor
NT3	allens creek-2 reactor	NT3	jpdr reactor	NT3	vk-50 reactor
NT3	bailly-1 reactor	NT3	kaiseraugst reactor	NT3	wnp-2 reactor
NT3	barsebaeck-1 reactor	NT3	kashiwazaki-kariwa-1 reactor	NT3	wuergassen reactor
NT3	barsebaeck-2 reactor	NT3	kashiwazaki-kariwa-2 reactor	NT3	zimmer-1 reactor
NT3	barton-1 reactor	NT3	kashiwazaki-kariwa-3 reactor	NT3	zimmer-2 reactor
NT3	barton-2 reactor	NT3	kashiwazaki-kariwa-4 reactor	NT2	byu l-77 reactor
NT3	barton-3 reactor	NT3	kashiwazaki-kariwa-5 reactor	NT2	cabri reactor
NT3	barton-4 reactor	NT3	kashiwazaki-kariwa-6 reactor	NT2	calder hall a-1 reactor
NT3	bell reactor	NT3	kashiwazaki-kariwa-7 reactor	NT2	calder hall a-2 reactor
NT3	big rock point reactor	NT3	kruemmel reactor	NT2	calder hall b-3 reactor
NT3	black fox-1 reactor	NT3	kuosheng-1 reactor	NT2	calder hall b-4 reactor
NT3	black fox-2 reactor	NT3	kuosheng-2 reactor	NT2	candu type reactors
NT3	bolsa chica-1 reactor	NT3	la salle county-1 reactor	NT3	bruce-1 reactor
NT3	bolsa chica-2 reactor	NT3	la salle county-2 reactor	NT3	bruce-2 reactor
NT3	bonus reactor	NT3	lacbwr reactor	NT3	bruce-3 reactor
NT3	browns ferry-1 reactor	NT3	laguna verde-1 reactor	NT3	bruce-4 reactor
NT3	browns ferry-2 reactor	NT3	laguna verde-2 reactor	NT3	bruce-5 reactor
NT3	browns ferry-3 reactor	NT3	leibstadt reactor	NT3	bruce-6 reactor
NT3	brunsbuettel reactor	NT3	limerick-1 reactor	NT3	bruce-7 reactor
NT3	brunswick-1 reactor	NT3	limerick-2 reactor	NT3	bruce-8 reactor
NT3	brunswick-2 reactor	NT3	lingen reactor	NT3	cernavoda-1 reactor
NT3	chinshan-1 reactor	NT3	lungmen-1 reactor	NT3	cernavoda-2 reactor
NT3	chinshan-2 reactor	NT3	lungmen-2 reactor	NT3	cordoba reactor
NT3	clinton-1 reactor	NT3	mendocino-1 reactor	NT3	darlington-1 reactor
NT3	clinton-2 reactor	NT3	mendocino-2 reactor	NT3	darlington-2 reactor
NT3	cofrentes reactor	NT3	millstone-1 reactor	NT3	darlington-3 reactor
NT3	cooper reactor	NT3	montague-1 reactor	NT3	darlington-4 reactor
NT3	dodewaard reactor	NT3	montague-2 reactor	NT3	douglas point ontario reactor
NT3	douglas point-1 reactor	NT3	montalto di castro-1 reactor	NT3	embalse reactor
NT3	douglas point-2 reactor	NT3	montalto di castro-2 reactor	NT3	gentilly-1 reactor
NT3	dresden-1 reactor	NT3	monticello reactor	NT3	gentilly-2 reactor
NT3	dresden-2 reactor	NT3	muehleberg reactor	NT3	kaiga-1 reactor
NT3	dresden-3 reactor	NT3	nine mile point-1 reactor	NT3	kaiga-2 reactor
NT3	duane arnold-1 reactor	NT3	nine mile point-2 reactor	NT3	kakrapar-1 reactor
NT3	ebwr reactor	NT3	okg-1 reactor	NT3	kakrapar-2 reactor
NT3	enel-4 reactor	NT3	okg-2 reactor	NT3	kanupp reactor
NT3	enrico fermi-2 reactor	NT3	okg-3 reactor	NT3	npd reactor
NT3	err reactor	NT3	olkiluoto-1 reactor	NT3	pickering-1 reactor
NT3	fitzpatrick reactor	NT3	olkiluoto-2 reactor	NT3	pickering-2 reactor
NT3	forsmark-1 reactor	NT3	onagawa-1 reactor	NT3	pickering-3 reactor
NT3	forsmark-2 reactor	NT3	onagawa-2 reactor	NT3	pickering-4 reactor
NT3	forsmark-3 reactor	NT3	onagawa-3 reactor	NT3	pickering-5 reactor
NT3	fukushima-1 reactor	NT3	oyster creek-1 reactor	NT3	pickering-6 reactor
NT3	fukushima-2 reactor	NT3	pathfinder reactor	NT3	pickering-7 reactor
NT3	fukushima-3 reactor	NT3	peach bottom-2 reactor	NT3	pickering-8 reactor
NT3	fukushima-4 reactor	NT3	peach bottom-3 reactor	NT3	point lepreau-1 reactor
NT3	fukushima-5 reactor	NT3	perry-1 reactor	NT3	point lepreau-2 reactor
NT3	fukushima-6 reactor	NT3	perry-2 reactor	NT3	qinshan-3-1 reactor
NT3	fukushima-ii-1 reactor	NT3	philippsburg-1 reactor	NT3	qinshan-3-2 reactor
NT3	fukushima-ii-2 reactor	NT3	phipps bend-1 reactor	NT3	rajasthan-1 reactor
NT3	fukushima-ii-3 reactor	NT3	phipps bend-2 reactor	NT3	rajasthan-2 reactor
NT3	fukushima-ii-4 reactor	NT3	pilgrim-1 reactor	NT3	rajasthan-3 reactor
NT3	garigliano reactor	NT3	quad cities-1 reactor	NT3	rajasthan-4 reactor
NT3	garona reactor	NT3	quad cities-2 reactor	NT3	wolsung-1 reactor
NT3	ge standard reactor	NT3	ringhals-1 reactor	NT3	wolsung-2 reactor
NT3	graben-1 reactor	NT3	river bend-1 reactor	NT3	wolsung-3 reactor
NT3	graben-2 reactor	NT3	river bend-2 reactor	NT3	wolsung-4 reactor
NT3	grand gulf-1 reactor	NT3	rwe-bayernwerk reactor	NT2	carem 25 reactor
NT3	grand gulf-2 reactor	NT3	shika-1 reactor	NT2	cesar reactor
NT3	gundremmingen-2 reactor	NT3	shika-2 reactor	NT2	cesnef reactor
NT3	gundremmingen-3 reactor	NT3	shimane-1 reactor	NT2	chapelcross-1 reactor
NT3	hamaoka-1 reactor	NT3	shimane-2 reactor	NT2	chapelcross-2 reactor
NT3	hamaoka-2 reactor	NT3	shimane-3 reactor	NT2	chapelcross-3 reactor
NT3	hamaoka-3 reactor	NT3	shoreham reactor	NT2	chapelcross-4 reactor
NT3	hamaoka-4 reactor	NT3	skagit-1 reactor	NT2	chernobylsk-1 reactor
NT3	hamaoka-5 reactor	NT3	skagit-2 reactor	NT2	chernobylsk-2 reactor
NT3	hartsville-1 reactor	NT3	sl-1 reactor	NT2	chernobylsk-3 reactor
NT3	hartsville-2 reactor	NT3	susquehanna-1 reactor	NT2	chernobylsk-4 reactor
NT3	hartsville-3 reactor	NT3	susquehanna-2 reactor	NT2	chinon-a1 reactor
NT3	hartsville-4 reactor	NT3	tarapur-1 reactor	NT2	chinon-a2 reactor
NT3	hatch-1 reactor	NT3	tarapur-2 reactor	NT2	chinon-a3 reactor
NT3	hatch-2 reactor	NT3	tokai-2 reactor	NT2	cirene reactor
NT3	hdr reactor	NT3	tsuruga 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 ebcr 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 fr-2 reactor
 NT2 frg-1 reactor
 NT2 frm-ii reactor
 NT2 fulton-1 reactor
 NT2 fulton-2 reactor
 NT2 g-1 reactor
 NT2 g-2 reactor
 NT2 g-3 reactor
 NT2 ga siwabessy reactor
 NT2 ga standard reactor
 NT2 getr reactor
 NT2 gidra reactor
 NT2 gleep reactor
 NT2 hartlepool reactor
 NT2 hbwr reactor
 NT2 hector reactor
 NT2 herald reactor
 NT2 hew-305 reactor
 NT2 heysham-a reactor
 NT2 heysham-b reactor
 NT2 hfbr reactor
 NT2 hfetr reactor
 NT2 hfir reactor
 NT2 hfr reactor
 NT2 hifar reactor
 NT2 hinkley point-a reactor
 NT2 hinkley point-b reactor
 NT2 hitrex-1 reactor
 NT2 hnpf reactor
 NT2 hor reactor
 NT2 htr reactor
 NT2 hunterston-a reactor
 NT2 hunterston-b reactor
 NT2 hwctr reactor
 NT2 hwzpr reactor
 NT2 ian-r1 reactor
 NT2 iear-1 reactor
 NT2 ignalina-1 reactor
 NT2 ignalina-2 reactor
 NT2 igr reactor
 NT2 irl reactor
 NT2 irt-1 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-f reactor
 NT2 irt reactor
 NT2 irt-sofia reactor
 NT2 isis reactor
 NT2 ivv-2m reactor
 NT2 janus reactor
 NT2 jatr reactor
 NT2 jen-1 reactor
 NT2 jen reactor
 NT2 jules horowitz reactor
 NT2 juno reactor
 NT2 kaiga-3 reactor
 NT2 kaiga-4 reactor
 NT2 kamini reactor
 NT2 knk reactor
 NT2 kuhfr reactor
 NT2 kursk-1 reactor
 NT2 kursk-2 reactor
 NT2 kursk-3 reactor
 NT2 kursk-4 reactor
 NT2 latina reactor
 NT2 leningrad-1 reactor
 NT2 leningrad-2 reactor
 NT2 leningrad-3 reactor
 NT2 leningrad-4 reactor
 NT2 lfr reactor
 NT2 lido reactor
 NT2 litr reactor
 NT2 lpr reactor
 NT2 lprr reactor
 NT2 lucens reactor
 NT2 lvr-15 reactor
 NT2 lwbr type reactors
 NT2 maria reactor
 NT2 marius reactor
 NT2 melusine-1 reactor
 NT2 merlin reactor
 NT2 minerve 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 msre reactor
 NT2 mtr reactor
 NT2 mzfr reactor
 NT2 nbsr reactor
 NT2 ncscr-1 reactor
 NT2 nestor reactor
 NT2 netr reactor
 NT2 nevada university reactor
 NT2 nhr-5 reactor
 NT2 niederaichbach reactor
 NT2 nora reactor
 NT2 nrx reactor
 NT2 ntr reactor
 NT2 nur reactor
 NT2 oldbury-a reactor
 NT2 oldbury-b reactor
 NT2 opal reactor
 NT2 osiris reactor
 NT2 owr reactor
 NT2 pctr reactor
 NT2 peach bottom-1 reactor
 NT2 pegase reactor
 NT2 pelinduna reactor
 NT2 perryman-1 reactor
 NT2 perryman-2 reactor
 NT2 phebus reactor
 NT2 pik physical model reactor

NT2 pik reactor
 NT2 pluto reactor
 NT2 pnpf reactor
 NT2 prr reactor
 NT2 psbr reactor
 NT2 pse reactor
 NT2 pur-1 reactor
 NT2 pumima-3 reactor
 NT2 pwr type reactors
 NT3 aguirre reactor
 NT3 almaraz-1 reactor
 NT3 almaraz-2 reactor
 NT3 angra-1 reactor
 NT3 angra-2 reactor
 NT3 angra-3 reactor
 NT3 arkansas-1 reactor
 NT3 arkansas-2 reactor
 NT3 asco-1 reactor
 NT3 asco-2 reactor
 NT3 atlantic-1 reactor
 NT3 atlantic-2 reactor
 NT3 basf-1 reactor
 NT3 basf-2 reactor
 NT3 beaver valley-1 reactor
 NT3 beaver valley-2 reactor
 NT3 bellefonte-1 reactor
 NT3 bellefonte-2 reactor
 NT3 belleville-1 reactor
 NT3 belleville-2 reactor
 NT3 beznau-1 reactor
 NT3 beznau-2 reactor
 NT3 biblis-1 reactor
 NT3 biblis-2 reactor
 NT3 biblis-3 reactor
 NT3 biblis-4 reactor
 NT3 blayais-1 reactor
 NT3 blayais-2 reactor
 NT3 blayais-3 reactor
 NT3 blayais-4 reactor
 NT3 blue hills-1 reactor
 NT3 blue hills-2 reactor
 NT3 borsele reactor
 NT3 br-3 reactor
 NT3 braidwood-1 reactor
 NT3 braidwood-2 reactor
 NT3 brokdorf reactor
 NT3 bugey-2 reactor
 NT3 bugey-3 reactor
 NT3 bugey-4 reactor
 NT3 bugey-5 reactor
 NT3 bw standard reactor
 NT3 byron-1 reactor
 NT3 byron-2 reactor
 NT3 calhoun-1 reactor
 NT3 calhoun-2 reactor
 NT3 callaway-1 reactor
 NT3 callaway-2 reactor
 NT3 calvert cliffs-1 reactor
 NT3 calvert cliffs-2 reactor
 NT3 carem 25 reactor
 NT3 catawba-1 reactor
 NT3 catawba-2 reactor
 NT3 cattenom-1 reactor
 NT3 cattenom-2 reactor
 NT3 cattenom-3 reactor
 NT3 cattenom-4 reactor
 NT3 ce standard reactor
 NT3 changjiang-1 reactor
 NT3 changjiang-2 reactor
 NT3 chasnupp-1 reactor
 NT3 chasnupp-2 reactor
 NT3 chasnupp-3 reactor
 NT3 cherokee-1 reactor
 NT3 cherokee-2 reactor
 NT3 cherokee-3 reactor
 NT3 chinon-b1 reactor
 NT3 chinon-b2 reactor
 NT3 chinon-b3 reactor
 NT3 chinon-b4 reactor

NT3	chooz-a reactor	NT3	harris-1 reactor	NT3	oconee-2 reactor
NT3	chooz-b1 reactor	NT3	harris-2 reactor	NT3	oconee-3 reactor
NT3	chooz-b2 reactor	NT3	harris-3 reactor	NT3	oi-1 reactor
NT3	civaux-1 reactor	NT3	harris-4 reactor	NT3	oi-2 reactor
NT3	civaux-2 reactor	NT3	haven-1 reactor	NT3	oi-3 reactor
NT3	comanche peak-1 reactor	NT4	koshkonong-1 reactor	NT3	oi-4 reactor
NT3	comanche peak-2 reactor	NT3	haven-2 reactor	NT3	oktembryan-2 reactor
NT3	connecticut yankee reactor	NT4	koshkonong-2 reactor	NT3	olkiluoto-3 reactor
NT3	cook-1 reactor	NT3	hongyanhe-1 reactor	NT3	otto hahn reactor
NT3	cook-2 reactor	NT3	hongyanhe-2 reactor	NT3	palisades-1 reactor
NT3	cruas-1 reactor	NT3	hongyanhe-3 reactor	NT3	palo verde-1 reactor
NT3	cruas-2 reactor	NT3	hongyanhe-4 reactor	NT3	palo verde-2 reactor
NT3	cruas-3 reactor	NT3	ikata-2 reactor	NT3	palo verde-3 reactor
NT3	cruas-4 reactor	NT3	ikata-3 reactor	NT3	palo verde-4 reactor
NT3	crystal river-3 reactor	NT3	ikata reactor	NT3	palo verde-5 reactor
NT3	crystal river-4 reactor	NT3	indian point-1 reactor	NT3	paluel-1 reactor
NT3	dampierre-1 reactor	NT3	indian point-2 reactor	NT3	paluel-2 reactor
NT3	dampierre-2 reactor	NT3	indian point-3 reactor	NT3	paluel-3 reactor
NT3	dampierre-3 reactor	NT3	iran-1 reactor	NT3	paluel-4 reactor
NT3	dampierre-4 reactor	NT3	iran-2 reactor	NT3	pat reactor
NT3	davis besse-1 reactor	NT3	isar-2 reactor	NT3	pebble springs-1 reactor
NT3	davis besse-2 reactor	NT3	jamesport-1 reactor	NT3	pebble springs-2 reactor
NT3	davis besse-3 reactor	NT3	jamesport-2 reactor	NT3	penly-1 reactor
NT3	daya bay-1 reactor	NT3	kewaunee reactor	NT3	penly-2 reactor
NT3	daya bay-2 reactor	NT3	koeberg-1 reactor	NT3	penly-3 reactor
NT3	diablo canyon-1 reactor	NT3	koeberg-2 reactor	NT3	perkins-1 reactor
NT3	diablo canyon-2 reactor	NT3	kori-1 reactor	NT3	perkins-2 reactor
NT3	doel-1 reactor	NT3	kori-2 reactor	NT3	perkins-3 reactor
NT3	doel-2 reactor	NT3	kori-3 reactor	NT3	philippsburg-2 reactor
NT3	doel-3 reactor	NT3	kori-4 reactor	NT3	pilgrim-2 reactor
NT3	doel-4 reactor	NT3	krsko reactor	NT3	pilgrim-3 reactor
NT3	efdr-50 reactor	NT3	lemoniz-1 reactor	NT3	pm-2a reactor
NT3	emsland reactor	NT3	lemoniz-2 reactor	NT3	pm-3a reactor
NT3	erie-1 reactor	NT3	lenin reactor	NT3	pnpp-1 reactor
NT3	erie-2 reactor	NT3	leonid brezhnev reactor	NT3	point beach-1 reactor
NT3	fangchenggang-1 reactor	NT3	lingao-1 reactor	NT3	point beach-2 reactor
NT3	fangchenggang-2 reactor	NT3	lingao-2 reactor	NT3	prairie island-1 reactor
NT3	fangjiashan-1 reactor	NT3	lingao-3 reactor	NT3	prairie island-2 reactor
NT3	fangjiashan-2 reactor	NT3	lingao-4 reactor	NT3	qinshan-1 reactor
NT3	farley-1 reactor	NT3	loft reactor	NT3	qinshan-2-1 reactor
NT3	farley-2 reactor	NT3	lucie-1 reactor	NT3	qinshan-2-2 reactor
NT3	fessenheim-1 reactor	NT3	lucie-2 reactor	NT3	qinshan-2-3 reactor
NT3	fessenheim-2 reactor	NT3	maanshan-1 reactor	NT3	qinshan-2-4 reactor
NT3	flamanville-1 reactor	NT3	maanshan-2 reactor	NT3	quanicassee-1 reactor
NT3	flamanville-2 reactor	NT3	maine yankee reactor	NT3	quanicassee-2 reactor
NT3	flamanville-3 reactor	NT3	malibu-1 reactor	NT3	rancho seco-1 reactor
NT3	forked river-1 reactor	NT3	marble hill-1 reactor	NT3	remerschen reactor
NT3	fuqing-1 reactor	NT3	marble hill-2 reactor	NT3	rheinsberg akw1 reactor
NT3	fuqing-2 reactor	NT3	mc guire-1 reactor	NT3	ringhals-2 reactor
NT3	fuqing-3 reactor	NT3	mc guire-2 reactor	NT3	ringhals-3 reactor
NT3	fuqing-4 reactor	NT3	mh-1a reactor	NT3	ringhals-4 reactor
NT3	fuqing-5 reactor	NT3	midland-1 reactor	NT3	robinson-2 reactor
NT3	fuqing-6 reactor	NT3	midland-2 reactor	NT3	rooppur reactor
NT3	genkai-1 reactor	NT3	mihama-1 reactor	NT3	rowe yankee reactor
NT3	genkai-2 reactor	NT3	mihama-2 reactor	NT3	s1c prototype reactor
NT3	genkai-3 reactor	NT3	mihama-3 reactor	NT3	saint alban-1 reactor
NT3	genkai-4 reactor	NT3	millstone-2 reactor	NT3	saint alban-2 reactor
NT3	ginna-1 reactor	NT3	millstone-3 reactor	NT3	saint laurent-b1 reactor
NT3	goesgen reactor	NT3	muelheim-kaerlich reactor	NT3	saint laurent-b2 reactor
NT3	golfech-1 reactor	NT3	mutsu reactor	NT3	salem-1 reactor
NT3	golfech-2 reactor	NT3	neckar-1 reactor	NT3	salem-2 reactor
NT3	grafenrheinfeld reactor	NT3	neckar-2 reactor	NT3	san onofre-1 reactor
NT3	gravelines-1 reactor	NT3	nep-1 reactor	NT3	san onofre-2 reactor
NT3	gravelines-2 reactor	NT3	nep-2 reactor	NT3	san onofre-3 reactor
NT3	gravelines-3 reactor	NT3	neupotz-1 reactor	NT3	savannah reactor
NT3	gravelines-4 reactor	NT3	neupotz-2 reactor	NT3	saxton reactor
NT3	gravelines-5 reactor	NT3	ningde-1 reactor	NT3	seabrook-1 reactor
NT3	gravelines-6 reactor	NT3	ningde-2 reactor	NT3	seabrook-2 reactor
NT3	greene county reactor	NT3	ningde-3 reactor	NT3	selni reactor
NT3	greenwood-2 reactor	NT3	ningde-4 reactor	NT3	sendai-1 reactor
NT3	greenwood-3 reactor	NT3	nogent-1 reactor	NT3	sendai-2 reactor
NT3	grohnde reactor	NT3	nogent-2 reactor	NT3	sequoyah-1 reactor
NT3	hamm-uentrop reactor	NT3	north anna-1 reactor	NT3	sequoyah-2 reactor
NT3	hanbit-1 reactor	NT3	north anna-2 reactor	NT3	shin-kori-1 reactor
NT3	hanbit-2 reactor	NT3	north anna-3 reactor	NT3	shin-kori-2 reactor
NT3	hanbit-3 reactor	NT3	north anna-4 reactor	NT3	shin-kori-3 reactor
NT3	hanbit-4 reactor	NT3	north coast-1 reactor	NT3	shin-wolsong-1 reactor
NT3	hanbit-5 reactor	NT3	obrigheim reactor	NT3	shippingport reactor
NT3	hanbit-6 reactor	NT3	oconee-1 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 vandellos-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 mochove-1 reactor
 NT4 mochove-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-1 reactor
 NT2 r-a reactor
 NT2 ra-10 reactor
 NT2 ra-5 reactor

NT2 ra-6 reactor
 NT2 ra-8 reactor
 NT2 rajasthan-5 reactor
 NT2 rajasthan-6 reactor
 NT2 rb-1 reactor
 NT2 rb-2 reactor
 NT2 rg-1m reactor
 NT2 ritmo reactor
 NT2 rts-1 reactor
 NT2 safari-1 reactor
 NT2 saint laurent-a1 reactor
 NT2 saint laurent-a2 reactor
 NT2 saphir reactor
 NT2 scarabee reactor
 NT2 sghwr reactor
 NT2 shca reactor
 NT2 siloe reactor
 NT2 siloette reactor
 NT2 sizewell-a reactor
 NT2 sm-2 reactor
 NT2 smolensk-1 reactor
 NT2 smolensk-2 reactor
 NT2 smolensk-3 reactor
 NT2 spert-1 reactor
 NT2 spert-2 reactor
 NT2 spert-3 reactor
 NT2 spert-4 reactor
 NT2 spr-2 reactor
 NT2 sr-1 reactor
 NT2 sr-305 reactor
 NT2 sr-3p reactor
 NT2 sre reactor
 NT2 srsc-utr-100 reactor
 NT2 stark reactor
 NT2 stek reactor
 NT2 stir reactor
 NT2 supo reactor
 NT2 sur-100 series reactor
 NT2 taiwan research reactor
 NT2 tarapur-3 reactor
 NT2 tarapur-4 reactor
 NT2 thermos reactor
 NT2 thetis reactor
 NT2 thtr-300 reactor
 NT2 tokai-mura reactor
 NT2 torness reactor
 NT2 toshiba reactor
 NT2 tr-1 reactor
 NT2 tr-2 reactor
 NT2 trawsfynydd reactor
 NT2 treat reactor
 NT2 trico ii reactor
 NT2 trico reactor
 NT2 triga-1-california 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-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	triton reactor	NT3	kstr reactor	NT3	forsmark-1 reactor
NT2	trr-1 reactor	NT3	ncscr-1 reactor	NT3	forsmark-2 reactor
NT2	tz1 reactor	NT3	nevada university reactor	NT3	forsmark-3 reactor
NT2	tz2 reactor	NT3	pnrc-l-77 reactor	NT3	fukushima-1 reactor
NT2	ucbrr reactor	NT3	supo reactor	NT3	fukushima-2 reactor
NT2	uftr reactor	NT3	wrrr reactor	NT3	fukushima-3 reactor
NT2	uhtrex reactor	NT2	argonaut type reactors	NT3	fukushima-4 reactor
NT2	uknr reactor	NT3	aeg-pr-10 reactor	NT3	fukushima-5 reactor
NT2	ulysse reactor	NT3	arbi reactor	NT3	fukushima-6 reactor
NT2	umne-1 reactor	NT3	argonaut reactor	NT3	fukushima-ii-1 reactor
NT2	umrr reactor	NT3	argos reactor	NT3	fukushima-ii-2 reactor
NT2	urr reactor	NT3	athene reactor	NT3	fukushima-ii-3 reactor
NT2	utr-10-kinki reactor	NT3	jason reactor	NT3	fukushima-ii-4 reactor
NT2	utrr reactor	NT3	lfr reactor	NT3	garigliano reactor
NT2	uvar reactor	NT3	moata reactor	NT3	garona reactor
NT2	uwnr reactor	NT3	nestor reactor	NT3	ge standard reactor
NT2	uwtr reactor	NT3	queen mary college utr-b reactor	NT3	graben-1 reactor
NT2	vandellos reactor	NT3	ra-1 reactor	NT3	graben-2 reactor
NT2	venus reactor	NT3	rb-2 reactor	NT3	grand gulf-1 reactor
NT2	vg-400 reactor	NT3	rien-1 reactor	NT3	grand gulf-2 reactor
NT2	vgr-50 reactor	NT3	srcc-utr-100 reactor	NT3	gundremmingen-2 reactor
NT2	vhtr reactor	NT3	stark reactor	NT3	gundremmingen-3 reactor
NT2	vidal-1 reactor	NT3	strasbourg-cronenbourg reactor	NT3	hamaoka-1 reactor
NT2	vidal-2 reactor	NT3	uftr reactor	NT3	hamaoka-2 reactor
NT2	voronezh ast-500 reactor	NT3	ulysse reactor	NT3	hamaoka-3 reactor
NT2	vpi-utr-10 reactor	NT3	urr reactor	NT3	hamaoka-4 reactor
NT2	vr-1 reactor	NT3	utr-10-kinki reactor	NT3	hamaoka-5 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	jpdr-2 reactor
NT2	wwr-s-cairo reactor	NT3	allens creek-2 reactor	NT3	jpdr 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	krummel 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	labwr 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	jrr-1 reactor	NT3	err reactor	NT3	olkiluoto-1 reactor
NT3	kewb reactor	NT3	fitzpatrick reactor	NT3	olkiluoto-2 reactor

NT3	onagawa-1 reactor	NT3	ignalina-2 reactor	NT3	herald reactor
NT3	onagawa-2 reactor	NT3	kursk-1 reactor	NT3	hor reactor
NT3	onagawa-3 reactor	NT3	kursk-2 reactor	NT3	horace reactor
NT3	oyster creek-1 reactor	NT3	kursk-3 reactor	NT3	htr reactor
NT3	pathfinder reactor	NT3	kursk-4 reactor	NT3	ian-r1 reactor
NT3	peach bottom-2 reactor	NT3	leningrad-1 reactor	NT3	iear-1 reactor
NT3	peach bottom-3 reactor	NT3	leningrad-2 reactor	NT3	ihni-1 reactor
NT3	perry-1 reactor	NT3	leningrad-3 reactor	NT3	ir-100 reactor
NT3	perry-2 reactor	NT3	leningrad-4 reactor	NT3	irl reactor
NT3	philippsburg-1 reactor	NT3	n-reactor	NT3	irr-1 reactor
NT3	phippis bend-1 reactor	NT3	rpt reactor	NT3	irt-2000 djakarta reactor
NT3	phippis bend-2 reactor	NT3	smolensk-1 reactor	NT3	irt-2000 moscow reactor
NT3	pilgrim-1 reactor	NT3	smolensk-2 reactor	NT3	irt-c reactor
NT3	quad cities-1 reactor	NT3	smolensk-3 reactor	NT3	irt-dprk reactor
NT3	quad cities-2 reactor	NT3	uwtr reactor	NT3	irt-f reactor
NT3	ringhals-1 reactor	NT2	maple reactor	NT3	irt reactor
NT3	river bend-1 reactor	NT2	maple type reactors	NT3	irt-sofia reactor
NT3	river bend-2 reactor	NT2	mir reactor	NT3	isis reactor
NT3	rwe-bayernwerk reactor	NT2	mnsr type reactors	NT3	ivv-2m reactor
NT3	shika-1 reactor	NT3	entc mnsr reactor	NT3	ivv-7 reactor
NT3	shika-2 reactor	NT3	gharr-1 reactor	NT3	jen-1 reactor
NT3	shimane-1 reactor	NT3	mnsr-ciae reactor	NT3	jen-2 reactor
NT3	shimane-2 reactor	NT3	mnsr-sd reactor	NT3	jen reactor
NT3	shimane-3 reactor	NT3	mnsr-sh reactor	NT3	jrr-3m reactor
NT3	shoreham reactor	NT3	mnsr-sz reactor	NT3	jrr-4 reactor
NT3	skagit-1 reactor	NT3	nirr-1 reactor	NT3	jtr reactor
NT3	skagit-2 reactor	NT3	parr-2 reactor	NT3	jules horowitz 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	barn 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	fnr reactor	NT3	siloe reactor
NT2	lwgr type reactors	NT3	frg-1 reactor	NT3	siloette 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	frn 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

NT4	slowpoke-wmre reactor	NT3	catawba-1 reactor	NT3	golfech-2 reactor
NT3	spert-4 reactor	NT3	catawba-2 reactor	NT3	grafenrheinfeld reactor
NT3	spr iae reactor	NT3	cattenom-1 reactor	NT3	gravelines-1 reactor
NT3	sprr-300 reactor	NT3	cattenom-2 reactor	NT3	gravelines-2 reactor
NT3	stek reactor	NT3	cattenom-3 reactor	NT3	gravelines-3 reactor
NT3	stir reactor	NT3	cattenom-4 reactor	NT3	gravelines-4 reactor
NT3	swierk r-2 reactor	NT3	ce standard reactor	NT3	gravelines-5 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	umrr 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	pumima-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	koeberg-1 reactor
NT3	bellefonte-1 reactor	NT3	diablo canyon-1 reactor	NT3	koeberg-2 reactor
NT3	bellefonte-2 reactor	NT3	diablo canyon-2 reactor	NT3	kori-1 reactor
NT3	belleville-1 reactor	NT3	doel-1 reactor	NT3	kori-2 reactor
NT3	belleville-2 reactor	NT3	doel-2 reactor	NT3	kori-3 reactor
NT3	beznau-1 reactor	NT3	doel-3 reactor	NT3	kori-4 reactor
NT3	beznau-2 reactor	NT3	doel-4 reactor	NT3	krsko reactor
NT3	biblis-1 reactor	NT3	efdr-50 reactor	NT3	lemoniz-1 reactor
NT3	biblis-2 reactor	NT3	emsland reactor	NT3	lemoniz-2 reactor
NT3	biblis-3 reactor	NT3	erie-1 reactor	NT3	lenin reactor
NT3	biblis-4 reactor	NT3	erie-2 reactor	NT3	leonid brezhnev reactor
NT3	blayais-1 reactor	NT3	fangchenggang-1 reactor	NT3	lingao-1 reactor
NT3	blayais-2 reactor	NT3	fangchenggang-2 reactor	NT3	lingao-2 reactor
NT3	blayais-3 reactor	NT3	fangjiashan-1 reactor	NT3	lingao-3 reactor
NT3	blayais-4 reactor	NT3	fangjiashan-2 reactor	NT3	lingao-4 reactor
NT3	blue hills-1 reactor	NT3	farley-1 reactor	NT3	loft reactor
NT3	blue hills-2 reactor	NT3	farley-2 reactor	NT3	lucie-1 reactor
NT3	borsselle reactor	NT3	fessenheim-1 reactor	NT3	lucie-2 reactor
NT3	br-3 reactor	NT3	fessenheim-2 reactor	NT3	maanshan-1 reactor
NT3	braidwood-1 reactor	NT3	flamanville-1 reactor	NT3	maanshan-2 reactor
NT3	braidwood-2 reactor	NT3	flamanville-2 reactor	NT3	maine yankee reactor
NT3	brokdorf reactor	NT3	flamanville-3 reactor	NT3	malibu-1 reactor
NT3	bugey-2 reactor	NT3	forked river-1 reactor	NT3	marble hill-1 reactor
NT3	bugey-3 reactor	NT3	fuqing-1 reactor	NT3	marble hill-2 reactor
NT3	bugey-4 reactor	NT3	fuqing-2 reactor	NT3	mc guire-1 reactor
NT3	bugey-5 reactor	NT3	fuqing-3 reactor	NT3	mc guire-2 reactor
NT3	bw standard reactor	NT3	fuqing-4 reactor	NT3	mh-1a reactor
NT3	byron-1 reactor	NT3	fuqing-5 reactor	NT3	midland-1 reactor
NT3	byron-2 reactor	NT3	fuqing-6 reactor	NT3	midland-2 reactor
NT3	calhoun-1 reactor	NT3	genkai-1 reactor	NT3	mihama-1 reactor
NT3	calhoun-2 reactor	NT3	genkai-2 reactor	NT3	mihama-2 reactor
NT3	callaway-1 reactor	NT3	genkai-3 reactor	NT3	mihama-3 reactor
NT3	callaway-2 reactor	NT3	genkai-4 reactor	NT3	millstone-2 reactor
NT3	calvert cliffs-1 reactor	NT3	ginna-1 reactor	NT3	millstone-3 reactor
NT3	calvert cliffs-2 reactor	NT3	goesgen reactor	NT3	muelheim-kaerlich reactor
NT3	carem 25 reactor	NT3	golfech-1 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 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 quanicassee-1 reactor
 NT3 quanicassee-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 slc 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 vahnun-1 reactor
 NT3 vahnun-2 reactor
 NT3 vandellos-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 wwrr 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 khmelitskij-1 reactor
 NT4 khmelitskij-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 mochove-1 reactor
 NT4 mochove-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	NT2	tsr-2 reactor	NT3	allens creek-1 reactor
NT4	zaporozhe-4 reactor	NT2	voronezh ast-500 reactor	NT3	allens creek-2 reactor
NT4	zaporozhe-5 reactor	NT2	wntr reactor	NT3	bailly-1 reactor
NT4	zaporozhe-6 reactor	NT2	wtr reactor	NT3	barsebaeck-1 reactor
NT3	wyhl-1 reactor	NT2	wwr type reactors	NT3	barsebaeck-2 reactor
NT3	wyhl-2 reactor	NT3	budapest training reactor	NT3	barton-1 reactor
NT3	yangjiang-1 reactor	NT3	irt-1 libya reactor	NT3	barton-2 reactor
NT3	yangjiang-2 reactor	NT3	irt-baghdad reactor	NT3	barton-3 reactor
NT3	yangjiang-3 reactor	NT3	lvr-15 reactor	NT3	barton-4 reactor
NT3	yangjiang-4 reactor	NT3	wwr-2 reactor	NT3	bell reactor
NT3	yellow creek-1 reactor	NT3	wwr-k-almaty reactor	NT3	big rock point reactor
NT3	yellow creek-2 reactor	NT3	wwr-k cf reactor	NT3	black fox-1 reactor
NT3	zion-1 reactor	NT3	wwr-m-kiev reactor	NT3	black fox-2 reactor
NT3	zion-2 reactor	NT3	wwr-m-leningrad reactor	NT3	bolsa chica-1 reactor
NT3	zorita-1 reactor	NT3	wwr-s-bucharest reactor	NT3	bolsa chica-2 reactor
NT2	r-2 reactor	NT3	wwr-s-budapest reactor	NT3	bonus reactor
NT2	ra-5 reactor	NT3	wwr-s-cairo reactor	NT3	browns ferry-1 reactor
NT2	rg-1m reactor	NT3	wwr-s-moscow reactor	NT3	browns ferry-2 reactor
NT2	safari-1 reactor	NT3	wwr-s-prague reactor	NT3	browns ferry-3 reactor
NT2	sghwr reactor	NT3	wwr-s-tashkent reactor	NT3	brunsbuettel reactor
NT2	sm-2 reactor	NT3	wwr-sm rossendorf reactor	NT3	brunswick-1 reactor
NT2	spert-2 reactor	NT3	wwr-z reactor	NT3	brunswick-2 reactor
NT2	spert-3 reactor	NT2	zlfr reactor	NT3	chinshan-1 reactor
NT2	sr-1 reactor	NT2	zr-6 reactor	NT3	chinshan-2 reactor
NT2	sr-3p reactor	NT1	water moderated reactors	NT3	clinton-1 reactor
NT2	sr-oa reactor	NT2	aarr reactor	NT3	clinton-2 reactor
NT2	tca reactor	NT2	acpr reactor	NT3	cofrentes reactor
NT2	triga type reactors	NT2	anna reactor	NT3	cooper reactor
NT3	afri reactor	NT2	aqueous homogeneous reactors	NT3	dodewaard reactor
NT3	atpr reactor	NT3	ai-l-77 reactor	NT3	douglas point-1 reactor
NT3	colorado triga-mk-3 reactor	NT3	argus reactor	NT3	douglas point-2 reactor
NT3	cornell triga-mk-2 reactor	NT3	ber-2 reactor	NT3	dresden-1 reactor
NT3	dow triga-mk-1 reactor	NT3	byu l-77 reactor	NT3	dresden-2 reactor
NT3	fir-1 reactor	NT3	cesnef reactor	NT3	dresden-3 reactor
NT3	frf-2 reactor	NT3	dr-1 reactor	NT3	duane arnold-1 reactor
NT3	frn reactor	NT3	frf reactor	NT3	ebwr reactor
NT3	gulf triga-mk-3 reactor	NT3	gidra reactor	NT3	enel-4 reactor
NT3	kartini-ppny reactor	NT3	hre-2 reactor	NT3	enrico fermi-2 reactor
NT3	lopra reactor	NT3	jrr-1 reactor	NT3	err reactor
NT3	ma-r1 reactor	NT3	kewb reactor	NT3	fitzpatrick reactor
NT3	nscr reactor	NT3	kstr reactor	NT3	forsmark-1 reactor
NT3	ostr reactor	NT3	ncscr-1 reactor	NT3	forsmark-2 reactor
NT3	prpr reactor	NT3	nevada university reactor	NT3	forsmark-3 reactor
NT3	psbr reactor	NT3	pnrc-l-77 reactor	NT3	fukushima-1 reactor
NT3	rtp reactor	NT3	supo reactor	NT3	fukushima-2 reactor
NT3	trico ii reactor	NT3	wrrr reactor	NT3	fukushima-3 reactor
NT3	trico reactor	NT2	argonaut type reactors	NT3	fukushima-4 reactor
NT3	triga-1-arizona reactor	NT3	aeg-pr-10 reactor	NT3	fukushima-5 reactor
NT3	triga-1-california reactor	NT3	arbi reactor	NT3	fukushima-6 reactor
NT3	triga-1-hanford reactor	NT3	argonaut reactor	NT3	fukushima-ii-1 reactor
NT3	triga-1-hanover reactor	NT3	argos reactor	NT3	fukushima-ii-2 reactor
NT3	triga-1-heidelberg reactor	NT3	athene reactor	NT3	fukushima-ii-3 reactor
NT3	triga-1-michigan reactor	NT3	jason reactor	NT3	fukushima-ii-4 reactor
NT3	triga-2-bandung reactor	NT3	lfr reactor	NT3	garigliano reactor
NT3	triga-2-bangladesh reactor	NT3	moata reactor	NT3	garona reactor
NT3	triga-2-dalat reactor	NT3	nestor reactor	NT3	ge standard reactor
NT3	triga-2-illinois reactor	NT3	queen mary college utr-b reactor	NT3	graben-1 reactor
NT3	triga-2-kansas reactor	NT3	ra-1 reactor	NT3	graben-2 reactor
NT3	triga-2-ljubljana reactor	NT3	rb-2 reactor	NT3	grand gulf-1 reactor
NT3	triga-2-mainz reactor	NT3	rien-1 reactor	NT3	grand gulf-2 reactor
NT3	triga-2-musashi reactor	NT3	srcc-utr-100 reactor	NT3	gundremmingen-2 reactor
NT3	triga-2-pavia reactor	NT3	stark reactor	NT3	gundremmingen-3 reactor
NT3	triga-2-pitesti reactor	NT3	strasbourg-cronenbourg reactor	NT3	hamaoka-1 reactor
NT3	triga-2-pitesti-ss-core reactor	NT3	ufr reactor	NT3	hamaoka-2 reactor
NT3	triga-2 reactor	NT3	ulyse reactor	NT3	hamaoka-3 reactor
NT3	triga-2-rikkyo reactor	NT3	urr reactor	NT3	hamaoka-4 reactor
NT3	triga-2-rome reactor	NT3	utr-10-kinki reactor	NT3	hamaoka-5 reactor
NT3	triga-2-seoul reactor	NT3	vpi-utr-10 reactor	NT3	hartsville-1 reactor
NT3	triga-2-vienna reactor	NT2	astr reactor	NT3	hartsville-2 reactor
NT3	triga-3-la jolla reactor	NT2	atr reactor	NT3	hartsville-3 reactor
NT3	triga-3-munich reactor	NT2	atr reactor	NT3	hartsville-4 reactor
NT3	triga-3-salazar reactor	NT2	borax-1 reactor	NT3	hatch-1 reactor
NT3	triga-3-seoul reactor	NT2	borax-2 reactor	NT3	hatch-2 reactor
NT3	triga-brazil reactor	NT2	borax-3 reactor	NT3	hdr reactor
NT3	triga-texas reactor	NT2	borax-4 reactor	NT3	higashidori-1 reactor
NT3	triga-veterans reactor	NT2	borax-5 reactor	NT3	hope creek-1 reactor
NT3	ucbrr reactor	NT2	br-02 reactor	NT3	hope creek-2 reactor
NT3	uwnr reactor	NT2	br-2 reactor	NT3	humboldt bay reactor
NT3	wsur reactor	NT2	bwr type reactors	NT3	isar reactor

NT3	jpdr-2 reactor	NT3	verplanck-2 reactor	NT3	dr-2 reactor
NT3	jpdr reactor	NT3	vk-50 reactor	NT3	etrc reactor
NT3	kaiseraugst reactor	NT3	wnp-2 reactor	NT3	etrr-2 reactor
NT3	kashiwazaki-kariwa-1 reactor	NT3	wuergassen reactor	NT3	fmr reactor
NT3	kashiwazaki-kariwa-2 reactor	NT3	zimmer-1 reactor	NT3	fmr reactor
NT3	kashiwazaki-kariwa-3 reactor	NT3	zimmer-2 reactor	NT3	frg-1 reactor
NT3	kashiwazaki-kariwa-4 reactor	NT2	delphi reactor	NT3	frg-2 reactor
NT3	kashiwazaki-kariwa-5 reactor	NT2	entc lwsr reactor	NT3	frj-1 reactor
NT3	kashiwazaki-kariwa-6 reactor	NT2	esada-vesr reactor	NT3	frm-ii reactor
NT3	kashiwazaki-kariwa-7 reactor	NT2	etr reactor	NT3	frm reactor
NT3	kruemmel reactor	NT2	evsr reactor	NT3	frn reactor
NT3	kuosheng-1 reactor	NT2	ewa reactor	NT3	ga siwabessy reactor
NT3	kuosheng-2 reactor	NT2	ewg-1 reactor	NT3	gtr reactor
NT3	la salle county-1 reactor	NT2	gcre reactor	NT3	gulf triga-mk-3 reactor
NT3	la salle county-2 reactor	NT2	getr reactor	NT3	hanaro reactor
NT3	lacbwr reactor	NT2	hclwr type reactors	NT3	herald reactor
NT3	laguna verde-1 reactor	NT2	hfetr reactor	NT3	hor reactor
NT3	laguna verde-2 reactor	NT2	hfir reactor	NT3	horace reactor
NT3	leibstadt reactor	NT2	hfr reactor	NT3	htr reactor
NT3	limerick-1 reactor	NT2	igr reactor	NT3	ian-r1 reactor
NT3	limerick-2 reactor	NT2	janus reactor	NT3	iear-1 reactor
NT3	lingen reactor	NT2	jmtr reactor	NT3	ihni-1 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-ciae 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	jtr 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	pr-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	rts-1 reactor	NT3	brokdorf reactor	NT3	flamanville-3 reactor
NT3	rv-1 reactor	NT3	bugey-2 reactor	NT3	forked river-1 reactor
NT3	saphir reactor	NT3	bugey-3 reactor	NT3	fuqing-1 reactor
NT3	scarabee reactor	NT3	bugey-4 reactor	NT3	fuqing-2 reactor
NT3	siloe reactor	NT3	bugey-5 reactor	NT3	fuqing-3 reactor
NT3	siloette reactor	NT3	bw standard reactor	NT3	fuqing-4 reactor
NT3	slowpoke type reactors	NT3	byron-1 reactor	NT3	fuqing-5 reactor
NT4	slowpoke-alberta reactor	NT3	byron-2 reactor	NT3	fuqing-6 reactor
NT4	slowpoke-dalhousie reactor	NT3	calhoun-1 reactor	NT3	genkai-1 reactor
NT4	slowpoke-mona reactor	NT3	calhoun-2 reactor	NT3	genkai-2 reactor
NT4	slowpoke-montreal reactor	NT3	callaway-1 reactor	NT3	genkai-3 reactor
NT4	slowpoke-ottawa reactor	NT3	callaway-2 reactor	NT3	genkai-4 reactor
NT4	slowpoke rmc reactor	NT3	calvert cliffs-1 reactor	NT3	ginna-1 reactor
NT4	slowpoke src reactor	NT3	calvert cliffs-2 reactor	NT3	goesgen reactor
NT4	slowpoke-toronto reactor	NT3	carem 25 reactor	NT3	golfech-1 reactor
NT4	slowpoke-wmre reactor	NT3	catawba-1 reactor	NT3	golfech-2 reactor
NT3	spert-4 reactor	NT3	catawba-2 reactor	NT3	grafenrheinfeld reactor
NT3	spr iae reactor	NT3	cattenom-1 reactor	NT3	gravelines-1 reactor
NT3	sprr-300 reactor	NT3	cattenom-2 reactor	NT3	gravelines-2 reactor
NT3	stek reactor	NT3	cattenom-3 reactor	NT3	gravelines-3 reactor
NT3	stir reactor	NT3	cattenom-4 reactor	NT3	gravelines-4 reactor
NT3	swierk r-2 reactor	NT3	ce standard reactor	NT3	gravelines-5 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	umrr 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	pumima-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	koeberg-1 reactor
NT3	bellefonte-1 reactor	NT3	diablo canyon-1 reactor	NT3	koeberg-2 reactor
NT3	bellefonte-2 reactor	NT3	diablo canyon-2 reactor	NT3	kori-1 reactor
NT3	belleville-1 reactor	NT3	doel-1 reactor	NT3	kori-2 reactor
NT3	belleville-2 reactor	NT3	doel-2 reactor	NT3	kori-3 reactor
NT3	beznau-1 reactor	NT3	doel-3 reactor	NT3	kori-4 reactor
NT3	beznau-2 reactor	NT3	doel-4 reactor	NT3	krsko reactor
NT3	biblis-1 reactor	NT3	efdr-50 reactor	NT3	lemoniz-1 reactor
NT3	biblis-2 reactor	NT3	emsland reactor	NT3	lemoniz-2 reactor
NT3	biblis-3 reactor	NT3	erie-1 reactor	NT3	lenin reactor
NT3	biblis-4 reactor	NT3	erie-2 reactor	NT3	leonid brezhnev reactor
NT3	blayais-1 reactor	NT3	fangchenggang-1 reactor	NT3	lingao-1 reactor
NT3	blayais-2 reactor	NT3	fangchenggang-2 reactor	NT3	lingao-2 reactor
NT3	blayais-3 reactor	NT3	fangjiashan-1 reactor	NT3	lingao-3 reactor
NT3	blayais-4 reactor	NT3	fangjiashan-2 reactor	NT3	lingao-4 reactor
NT3	blue hills-1 reactor	NT3	farley-1 reactor	NT3	loft reactor
NT3	blue hills-2 reactor	NT3	farley-2 reactor	NT3	lucie-1 reactor
NT3	borssele reactor	NT3	fessenheim-1 reactor	NT3	lucie-2 reactor
NT3	br-3 reactor	NT3	fessenheim-2 reactor	NT3	maanshan-1 reactor
NT3	braidwood-1 reactor	NT3	flamanville-1 reactor	NT3	maanshan-2 reactor
NT3	braidwood-2 reactor	NT3	flamanville-2 reactor	NT3	maine yankee reactor

NT3	malibu-1 reactor	NT3	rancho seco-1 reactor	NT3	unterweser reactor
NT3	marble hill-1 reactor	NT3	remerschen reactor	NT3	vahnum-1 reactor
NT3	marble hill-2 reactor	NT3	rheinsberg akw1 reactor	NT3	vahnum-2 reactor
NT3	mc guire-1 reactor	NT3	ringhals-2 reactor	NT3	vandellos-2 reactor
NT3	mc guire-2 reactor	NT3	ringhals-3 reactor	NT3	vogtle-1 reactor
NT3	mh-1a reactor	NT3	ringhals-4 reactor	NT3	vogtle-2 reactor
NT3	midland-1 reactor	NT3	robinson-2 reactor	NT3	vogtle-3 reactor
NT3	midland-2 reactor	NT3	rooppur reactor	NT3	vogtle-4 reactor
NT3	mihama-1 reactor	NT3	rowe yankee reactor	NT3	waterford-3 reactor
NT3	mihama-2 reactor	NT3	s1c prototype reactor	NT3	waterford-4 reactor
NT3	mihama-3 reactor	NT3	saint alban-1 reactor	NT3	watts bar-1 reactor
NT3	millstone-2 reactor	NT3	saint alban-2 reactor	NT3	watts bar-2 reactor
NT3	millstone-3 reactor	NT3	saint laurent-b1 reactor	NT3	westinghouse standard reactor
NT3	muelheim-kaerlich reactor	NT3	saint laurent-b2 reactor	NT3	wnp-1 reactor
NT3	mutsu reactor	NT3	salem-1 reactor	NT3	wnp-3 reactor
NT3	neckar-1 reactor	NT3	salem-2 reactor	NT3	wnp-4 reactor
NT3	neckar-2 reactor	NT3	san onofre-1 reactor	NT3	wnp-5 reactor
NT3	nep-1 reactor	NT3	san onofre-2 reactor	NT3	wnp-6 reactor
NT3	nep-2 reactor	NT3	san onofre-3 reactor	NT3	wpper type reactors
NT3	neupotz-1 reactor	NT3	savannah reactor	NT4	armenian-1 reactor
NT3	neupotz-2 reactor	NT3	saxton reactor	NT4	armenian-2 reactor
NT3	ningde-1 reactor	NT3	seabrook-1 reactor	NT4	balakovo-1 reactor
NT3	ningde-2 reactor	NT3	seabrook-2 reactor	NT4	balakovo-2 reactor
NT3	ningde-3 reactor	NT3	selni reactor	NT4	balakovo-3 reactor
NT3	ningde-4 reactor	NT3	sendai-1 reactor	NT4	balakovo-4 reactor
NT3	nogent-1 reactor	NT3	sendai-2 reactor	NT4	blahutovice-1 reactor
NT3	nogent-2 reactor	NT3	sequoyah-1 reactor	NT4	bohunice v-1 reactor
NT3	north anna-1 reactor	NT3	sequoyah-2 reactor	NT4	bohunice v-2 reactor
NT3	north anna-2 reactor	NT3	shin-kori-1 reactor	NT4	dukovany-1 reactor
NT3	north anna-3 reactor	NT3	shin-kori-2 reactor	NT4	dukovany-2 reactor
NT3	north anna-4 reactor	NT3	shin-kori-3 reactor	NT4	dukovany-3 reactor
NT3	north coast-1 reactor	NT3	shin-wolsong-1 reactor	NT4	dukovany-4 reactor
NT3	obrigheim reactor	NT3	shippingport reactor	NT4	greifswald-1 reactor
NT3	oconee-1 reactor	NT3	sizewell-b reactor	NT4	greifswald-2 reactor
NT3	oconee-2 reactor	NT3	sm-1 reactor	NT4	greifswald-3 reactor
NT3	oconee-3 reactor	NT3	sm-1a reactor	NT4	greifswald-4 reactor
NT3	oi-1 reactor	NT3	south texas project-1 reactor	NT4	greifswald-5 reactor
NT3	oi-2 reactor	NT3	south texas project-2 reactor	NT4	greifswald-6 reactor
NT3	oi-3 reactor	NT3	stade reactor	NT4	juragua-1 reactor
NT3	oi-4 reactor	NT3	sterling-1 reactor	NT4	kalinin-1 reactor
NT3	oktemberyan-2 reactor	NT3	sterling-2 reactor	NT4	kalinin-2 reactor
NT3	olkiluoto-3 reactor	NT3	summer-1 reactor	NT4	kalinin-3 reactor
NT3	otto hahn reactor	NT3	sundesert-1 reactor	NT4	kalinin-4 reactor
NT3	palisades-1 reactor	NT3	sundesert-2 reactor	NT4	kecerovce-1 reactor
NT3	palo verde-1 reactor	NT3	surry-1 reactor	NT4	khmelnitskij-1 reactor
NT3	palo verde-2 reactor	NT3	surry-2 reactor	NT4	khmelnitskij-2 reactor
NT3	palo verde-3 reactor	NT3	surry-3 reactor	NT4	kola-1 reactor
NT3	palo verde-4 reactor	NT3	surry-4 reactor	NT4	kola-2 reactor
NT3	palo verde-5 reactor	NT3	takahama-1 reactor	NT4	kola-3 reactor
NT3	paluel-1 reactor	NT3	takahama-2 reactor	NT4	kola-4 reactor
NT3	paluel-2 reactor	NT3	takahama-3 reactor	NT4	kozloduy-1 reactor
NT3	paluel-3 reactor	NT3	takahama-4 reactor	NT4	kozloduy-2 reactor
NT3	paluel-4 reactor	NT3	three mile island-1 reactor	NT4	kozloduy-3 reactor
NT3	pat reactor	NT3	three mile island-2 reactor	NT4	kozloduy-4 reactor
NT3	pebble springs-1 reactor	NT3	tihange-2 reactor	NT4	kozloduy-5 reactor
NT3	pebble springs-2 reactor	NT3	tihange-3 reactor	NT4	kozloduy-6 reactor
NT3	penly-1 reactor	NT3	tihange reactor	NT4	kudankulam-1 reactor
NT3	penly-2 reactor	NT3	tomari-1 reactor	NT4	kudankulam-2 reactor
NT3	penly-3 reactor	NT3	tomari-2 reactor	NT4	loviisa-1 reactor
NT3	perkins-1 reactor	NT3	tomari-3 reactor	NT4	loviisa-2 reactor
NT3	perkins-2 reactor	NT3	tricastin-1 reactor	NT4	mochovce-1 reactor
NT3	perkins-3 reactor	NT3	tricastin-2 reactor	NT4	mochovce-2 reactor
NT3	philippsburg-2 reactor	NT3	tricastin-3 reactor	NT4	novovoronezh-1 reactor
NT3	pilgrim-2 reactor	NT3	tricastin-4 reactor	NT4	novovoronezh-2 reactor
NT3	pilgrim-3 reactor	NT3	trillo-1 reactor	NT4	novovoronezh-3 reactor
NT3	pm-2a reactor	NT3	trojan reactor	NT4	novovoronezh-4 reactor
NT3	pm-3a reactor	NT3	tsuruga-2 reactor	NT4	novovoronezh-5 reactor
NT3	pnpp-1 reactor	NT3	turkey point-3 reactor	NT4	paks-1 reactor
NT3	point beach-1 reactor	NT3	turkey point-4 reactor	NT4	paks-2 reactor
NT3	point beach-2 reactor	NT3	tva-1 reactor	NT4	paks-3 reactor
NT3	prairie island-1 reactor	NT3	tva-2 reactor	NT4	paks-4 reactor
NT3	prairie island-2 reactor	NT3	tyrone-1 reactor	NT4	rostov-1 reactor
NT3	qinshan-1 reactor	NT3	tyrone-2 reactor	NT4	rostov-2 reactor
NT3	qinshan-2-1 reactor	NT3	ulchin-1 reactor	NT4	rostov-3 reactor
NT3	qinshan-2-2 reactor	NT3	ulchin-2 reactor	NT4	rovno-1 reactor
NT3	qinshan-2-3 reactor	NT3	ulchin-3 reactor		
NT3	qinshan-2-4 reactor	NT3	ulchin-4 reactor		
NT3	quanicassee-1 reactor	NT3	ulchin-5 reactor		
NT3	quanicassee-2 reactor	NT3	ulchin-6 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 fir-2 reactor
NT3 fm reactor
NT3 gulf triga-mk-3 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 bromosulfophthalein
NT1 cupferron
NT1 dimethylglyoxime
NT1 dithiols
NT2 dimercaprol
NT2 unithiol
NT1 dithizone
NT1 evans blue
NT1 ferroin
NT1 ferrox
NT1 morin
NT1 phenanthroline-ortho
NT1 pyridylazoresorcinol
NT1 rhodamines
NT1 rhodizonic acid

NT1 rose bengal
NT1 sensitizers
NT1 starch
NT1 thionalide
NT1 thorin
NT1 tiron
RT reducing agents

REAKTORSICHERHEITSKOMMISSION

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 thyristors

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 sues

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: 1959-11-09; 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 PROJECTUF *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

REENTRYUF *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 MANUF *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 molybdic 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

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

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 hermix 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	NT3	apfa-3 reactor	NT3	zeep reactor
NT2	dragon reactor	NT3	aquilon reactor	NT3	zenith reactor
NT2	ebr-1 reactor	NT3	bfs reactor	NT3	zephyr reactor
NT2	ebr-2 reactor	NT3	big ten reactor	NT3	zerlina 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	jpdr reactor	NT3	hero reactor	NT1	research reactors
NT2	jules horowitz reactor	NT3	hitrex-1 reactor	NT2	ill high flux reactor
NT2	kiwi-tnt reactor	NT3	horace reactor	NT2	aarr reactor
NT2	knk-2 reactor	NT3	hwzpr reactor	NT2	acpr reactor
NT2	knk reactor	NT3	iea-zpr reactor	NT2	aeg-pr-10 reactor
NT2	lampre-1 reactor	NT3	ifr reactor	NT2	aerojet-general nucleonics reactors
NT2	mh-1a reactor	NT3	ipen-mb-1 reactor	NT3	agn-201k reactor
NT2	mir reactor	NT3	jezebel reactor	NT3	agn 201 costanza
NT2	msre reactor	NT3	juno reactor	NT2	afri reactor
NT2	nrx-a1 reactor	NT3	kahter reactor	NT2	afsr reactor
NT2	nrx-a2 reactor	NT3	kbr-1 reactor	NT2	agata reactor
NT2	nrx-a3 reactor	NT3	kritz reactor	NT2	ai-l-77 reactor
NT2	nrx-a4-est reactor	NT3	kuca reactor	NT2	alrr reactor
NT2	nrx-a5 reactor	NT3	lptf reactor	NT2	anna reactor
NT2	nrx-a6 reactor	NT3	lr-0 reactor	NT2	aprf reactor
NT2	nrx-a7 reactor	NT3	lv-15 reactor	NT2	apsara reactor
NT2	omre reactor	NT3	marius reactor	NT2	arbi reactor
NT2	opal reactor	NT3	maryla reactor	NT2	argonaut reactor
NT2	rover reactors	NT3	masurca reactor	NT2	argos reactor
NT2	sefor reactor	NT3	minerve reactor	NT2	argus reactor
NT2	spert-1 reactor	NT3	neptune reactor	NT2	armf-1 reactor
NT2	spert-2 reactor	NT3	nsf-rfp reactor	NT2	astra reactor
NT2	spert-3 reactor	NT3	or-cef reactor	NT2	athene reactor
NT2	spert-4 reactor	NT3	ornl-pca reactor	NT2	atpr reactor
NT2	sre reactor	NT3	parka reactor	NT2	atsr reactor
NT2	subcritical assemblies	NT3	pdp reactor	NT2	avogadro rs-1 reactor
NT3	nuclear chicago reactor	NT3	peggy reactor	NT2	bam reactor
NT3	accelerator-driven subcritical systems	NT3	pelinduna reactor	NT2	bepo reactor
NT4	accelerator-driven transmutation facilities	NT3	plasma core assembly	NT2	ber-2 reactor
NT4	brahmma facility	NT3	prcf reactor	NT2	bgr reactor
NT4	myrrha facility	NT3	ptf-unc reactor	NT2	bigr reactor
NT4	venus reactor	NT3	pumima-2 reactor	NT2	bir reactor
NT4	yalina facility	NT3	pumima reactor	NT2	br-02 reactor
NT3	delphi reactor	NT3	r-b reactor	NT2	br-1 reactor
NT3	entc lwsr reactor	NT3	ra-0 reactor	NT2	brr reactor
NT3	jordan subcritical assembly	NT3	ra-2 reactor	NT2	bsr-1 reactor
NT3	pse reactor	NT3	ra-8 reactor	NT2	bsr-2 reactor
NT3	sm-1 subcritical assembly	NT3	rake-2 reactor	NT2	byu l-77 reactor
NT3	stsf assembly	NT3	rb-1 reactor	NT2	cabri reactor
NT3	venus-1 reactor	NT3	rb-3 reactor	NT2	carem 25 reactor
NT2	topaz reactor	NT3	rensselaer critical facility	NT2	carr reactor
NT2	tory-2a reactor	NT3	ritmo reactor	NT2	cesar reactor
NT2	tory-2c reactor	NT3	rospo reactor	NT2	cesnef reactor
NT2	treat reactor	NT3	rp-0 reactor	NT2	cirus reactor
NT2	tz1 reactor	NT3	saref reactor	NT2	clementine reactor
NT2	tz2 reactor	NT3	shca reactor	NT2	cmrr reactor
NT2	uhtrex reactor	NT3	silene reactor	NT2	consort-2 reactor
NT2	venus reactor	NT3	silhouette reactor	NT2	coral-1 reactor
NT2	vht reactor	NT3	sm-1 subcritical assembly	NT2	cp-2 reactor
NT2	xe-2 reactor	NT3	sneak reactor	NT2	cp-3 reactor
NT2	xe-prime reactor	NT3	split table reactor	NT2	cp-3m reactor
NT2	xma-1 reactor	NT3	sr-0a reactor	NT2	cp-5 reactor
NT2	zero power reactors	NT3	stacy reactor	NT2	cp-6 reactor
NT3	agn-201k reactor	NT3	tca reactor	NT2	crocus reactor
NT3	agata reactor	NT3	tnrc reactor	NT2	democritus reactor
NT3	akr-1 reactor	NT3	tr-0 reactor	NT2	dhruva reactor
NT3	anex reactor	NT3	tracy reactor	NT2	dido reactor
NT3	anna reactor	NT3	vera reactor	NT2	diorit reactor
		NT3	wwr-k cf reactor	NT2	dmtr reactor
		NT3	zebra reactor	NT2	dow triga-mk-1 reactor

NT2 dr-1 reactor
 NT2 dr-2 reactor
 NT2 dr-3 reactor
 NT2 ebor reactor
 NT2 ebr-1 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 fmrb 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 gtrr 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 hfbr reactor
 NT2 hfir reactor
 NT2 hfr reactor
 NT2 hifar reactor
 NT2 hor reactor
 NT2 horace reactor
 NT2 hprr reactor
 NT2 hre-2 reactor
 NT2 htlt 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 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 jmtr reactor
 NT2 jrr-1 reactor
 NT2 jrr-2 reactor
 NT2 jrr-3 reactor
 NT2 jrr-3m reactor
 NT2 jrr-4 reactor
 NT2 jtr 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 mnrr 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 phebus reactor
 NT2 pik physical model reactor
 NT2 pik reactor
 NT2 prnc-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 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-wnre 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 sprr-300 reactor
 NT2 sr-1 reactor
 NT2 sr-0a reactor
 NT2 src-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 ufr reactor
 NT2 uknr reactor
 NT2 umne-1 reactor
 NT2 umrr reactor
 NT2 utr-10-kinki reactor
 NT2 utrr reactor
 NT2 uvar reactor
 NT2 vera reactor
 NT2 viper reactor
 NT2 vpi-utr-10 reactor
 NT2 wrrr reactor

NT2	wsur reactor	NT2	kalpakkam lmfb reactor	NT2	lfr reactor
NT2	wtr reactor	NT2	loft reactor	NT2	melusine-1 reactor
NT2	wwr-2 reactor	NT2	mzfr reactor	NT2	merlin reactor
NT2	wwr-k-almaty reactor	NT2	netr reactor	NT2	mitr reactor
NT2	wwr-k cf reactor	NT2	nru reactor	NT2	moata reactor
NT2	wwr-m-kiev reactor	NT2	ntr reactor	NT2	murr reactor
NT2	wwr-m-leningrad reactor	NT2	orphee reactor	NT2	ncscr-1 reactor
NT2	wwr-s-bucharest reactor	NT2	owr reactor	NT2	nevada university reactor
NT2	wwr-s-cairo reactor	NT2	pat reactor	NT2	nscr 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	pnrc-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	hapsodie 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	srrc-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	bgrr 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	uftr reactor
NT2	cesnef reactor	NT1	training reactors	NT2	ulyse reactor
NT2	cirus reactor	NT2	ill high flux reactor	NT2	umne-1 reactor
NT2	cp-5 reactor	NT2	nuclear chicago reactor	NT2	umrr reactor
NT2	dhruva reactor	NT2	aerojet-general nucleonics reactors	NT2	urr reactor
NT2	dimple reactor	NT3	agn-201k reactor	NT2	utr-10-kinki reactor
NT2	diorit reactor	NT3	agn 201 costanza	NT2	uvar reactor
NT2	ebor reactor	NT2	afri reactor	NT2	uwnr reactor
NT2	ebr-1 reactor	NT2	ai-l-77 reactor	NT2	uwtr reactor
NT2	eco reactor	NT2	akr-1 reactor	NT2	vpi-utr-10 reactor
NT2	eocr reactor	NT2	apsara reactor	NT2	vr-1 reactor
NT2	esada-vesr reactor	NT2	arbi reactor	NT2	wntr reactor
NT2	essor reactor	NT2	argonaut reactor	NT2	wpir reactor
NT2	etr reactor	NT2	argos reactor	NT2	wwr-s-budapest reactor
NT2	etrc reactor	NT2	athene reactor	NT2	x-10 reactor
NT2	fftf reactor	NT2	atpr reactor	NT2	zlfr reactor
NT2	fir-1 reactor	NT2	bgrr reactor	NT2	zpr reactor
NT2	fmr reactor	NT2	budapest training reactor	NT1	triga type reactors
NT2	fnr reactor	NT2	byu l-77 reactor	NT2	afri reactor
NT2	fr-2 reactor	NT2	cesnef reactor	NT2	atpr reactor
NT2	frctf reactor	NT2	cirus reactor	NT2	colorado triga-mk-3 reactor
NT2	frg-1 reactor	NT2	colorado triga-mk-3 reactor	NT2	cornell triga-mk-2 reactor
NT2	frn reactor	NT2	consort-2 reactor	NT2	dow triga-mk-1 reactor
NT2	getr reactor	NT2	cornell triga-mk-2 reactor	NT2	fir-1 reactor
NT2	grenoble reactor	NT2	dow triga-mk-1 reactor	NT2	frf-2 reactor
NT2	gtr reactor	NT2	dr-1 reactor	NT2	frn reactor
NT2	gtrr reactor	NT2	entc lwsr reactor	NT2	gulf triga-mk-3 reactor
NT2	hanaro reactor	NT2	es-salam reactor	NT2	kartini-ppny reactor
NT2	harmonie reactor	NT2	fir-1 reactor	NT2	lopra reactor
NT2	herald reactor	NT2	fnr reactor	NT2	ma-r1 reactor
NT2	hero reactor	NT2	fr-0 reactor	NT2	nscr reactor
NT2	hew-305 reactor	NT2	frf reactor	NT2	ostr reactor
NT2	hfir reactor	NT2	frg-1 reactor	NT2	prpr reactor
NT2	hifar reactor	NT2	gleep reactor	NT2	psbr reactor
NT2	hre-2 reactor	NT2	gtrr reactor	NT2	rtp reactor
NT2	htlrr reactor	NT2	gulf triga-mk-3 reactor	NT2	trico ii reactor
NT2	htr-10 reactor	NT2	hor reactor	NT2	trico reactor
NT2	irl reactor	NT2	htr reactor	NT2	triga-1-arizona reactor
NT2	irr-1 reactor	NT2	ian-r1 reactor	NT2	triga-1-california reactor
NT2	irt-2000 djakarta reactor	NT2	iowa utr-10 reactor	NT2	triga-1-hanford reactor
NT2	irt-2000 moscow reactor	NT2	ir-100 reactor	NT2	triga-1-hanover reactor
NT2	irt-baghdad reactor	NT2	jason reactor	NT2	triga-1-heidelberg reactor
NT2	ispra-1 reactor	NT2	jrr-1 reactor	NT2	triga-1-michigan reactor
NT2	jmr reactor	NT2	kur 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 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 ill high flux reactor

NT1 aarr reactor

NT1 acpr reactor

NT1 aeg-pr-10 reactor

NT1 aerjet-general nucleonics reactors

NT2 agn-201k reactor

NT2 agn 201 costanza

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 atrp 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 fftf reactor
NT1 fir-1 reactor
NT1 fmrb 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 grr 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 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 mnrr 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 moata reactor
 NT1 mr reactor
 NT1 mrr reactor
 NT1 murr reactor
 NT1 myrrha facility
 NT1 nbsr reactor
 NT1 ncsr-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 owr reactor
 NT1 parr-1 reactor
 NT1 pat reactor
 NT1 pbr reactor
 NT1 pctr reactor
 NT1 phebuss reactor
 NT1 pik physical model reactor
 NT1 pik reactor
 NT1 pmc-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 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-wnre 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 zprr 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 fluorescence
 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 fluorescence

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 isothiourrea
- 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

RETORTING

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

Gransee, 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 perhenates
- 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

rhr

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 ftf reactor

- USE ftf reactor

richland npr reactor

- USE n-reactor

richland physical constants test reactor

1993-11-09

- USE pctr 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 engenhoria 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

rim

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, Vaeröbacka, Sweden.

*BT1 bwr type reactors

RINGHALS-2 REACTOR

Ringhals, Vaeröbacka, Sweden.

*BT1 pwr type reactors

RINGHALS-3 REACTOR

Ringhals, Vaeröbacka, 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 dnier 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 Puspatti.
 UF puspatti triga reactor
 UF reactor triga puspatti

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 nucleiBT1* heavy nuclei**BT1* rutherfordium isotopes**RUTHERFORDIUM 265**

2007-12-21

BT1* even-odd nucleiBT1* heavy nuclei**BT1* rutherfordium isotopes**RUTHERFORDIUM 266**

2007-12-21

BT1* even-even nucleiBT1* heavy nuclei**BT1* rutherfordium isotopes**RUTHERFORDIUM 267**

2007-12-21

BT1* even-odd nucleiBT1* heavy nuclei**BT1* rutherfordium isotopes**BT1* spontaneous fission radioisotopes**RUTHERFORDIUM 268**

2007-12-21

BT1* even-even nucleiBT1* 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* halidesBT1* rutherfordium compounds**NT1** rutherfordium chlorides**RUTHERFORDIUM IONS**

2018-01-24

BT1* ionsRUTHERFORDIUM 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 correctionRYE**

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* antiquarksBT1* 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 ctb

RT ctbto

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
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- 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

*BT1 enriched uranium reactors

*BT1 pool type 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 cannel coal

sar-2 reactor

Schnell-Thermischen Argonaut Reaktor Karlsruhe.

USE stark reactor

SARA CYCLOTRON

INIS: 1984-06-25; ETDE: 1984-02-10

Système Accélérateur Rhone-Alpes -- consists of two cyclotrons, the injector cyclotron and the post-accelerator cyclotron.

UF système accélérateur rhone-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 glycocoll

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 prognoz 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 scalars

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

SCHLIENEN 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

SEACOKE 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
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 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
 NT1 francium 207
 NT1 francium 208
 NT1 francium 209
 NT1 francium 213
 NT1 francium 220

NT1 francium 226
 NT1 francium 228
 NT1 francium 229
 NT1 francium 230
 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
 NT1 gold 203
 NT1 gold 204
 NT1 gold 205
 NT1 hafnium 154
 NT1 hafnium 158
 NT1 hafnium 159
 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
 NT1 holmium 172
 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
 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 129
 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
 NT1 iridium 173
 NT1 iridium 174
 NT1 iridium 175
 NT1 iridium 176
 NT1 iridium 177
 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
 NT1 lanthanum 121
 NT1 lanthanum 122
 NT1 lanthanum 123
 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
 NT1 meitnerium 274
 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
 NT1 molybdenum 108
 NT1 molybdenum 110
 NT1 molybdenum 86
 NT1 molybdenum 87
 NT1 neodymium 127
 NT1 neodymium 129
 NT1 neodymium 130
 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
 NT1 niobium 85
 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
 NT1 nobelium 257
 NT1 osmium 168
 NT1 osmium 169
 NT1 osmium 170
 NT1 osmium 171

NT1 osmium 172
 NT1 osmium 173
 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
 NT1 promethium 131
 NT1 promethium 132
 NT1 promethium 133
 NT1 promethium 134
 NT1 promethium 135
 NT1 promethium 140
 NT1 promethium 142
 NT1 promethium 155
 NT1 promethium 156
 NT1 promethium 157
 NT1 promethium 158
 NT1 promethium 159
 NT1 protactinium 225
 NT1 radium 207
 NT1 radium 208
 NT1 radium 209
 NT1 radium 210
 NT1 radium 211

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
 NT1 rhenium 195
 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 ruthenium 253
 NT1 ruthenium 255
 NT1 ruthenium 257
 NT1 ruthenium 259
 NT1 ruthenium 262
 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 139
 NT1 samarium 159
 NT1 samarium 160
 NT1 samarium 161
 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
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 NT1 terbium 151
 NT1 terbium 158
 NT1 terbium 166

NT1 terbium 167
 NT1 terbium 168
 NT1 terbium 169
 NT1 terbium 170
 NT1 thallium 180
 NT1 thallium 181
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 NT1 thallium 184
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 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
 NT1 thulium 153
 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 TARGETINIS: 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 tmtsf

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 semicoke

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

SEMPALATINSK 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.

lLaboratory, 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 atmospherics

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 enrico fermi

NT2 ns lenin

NT2 ns leonid brezhnev

NT2 ns sibir

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

sillex 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 attapulgite
 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 lavenite
 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 uranyl silicates

NT2 vanadium silicates

NT2 ytterbium silicates

NT2 yttrium silicates

NT2 zinc 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-torrax 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 REACTOR

USA 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
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

SMELTING

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 icsd
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 gasynthan 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 lmfr 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 natriumgekuehelter reaktor

UF snr-1 reactor

UF snr-300 reactor

*BT1 lmfr 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 pyrliometers
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 simulators
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 forrush 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-201k reactor

NT2 agn 201 costanza

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 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 fm reactor

NT2 gulf triga-mk-3 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 soft

*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 baeklund 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 eures 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 adsorption

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 perveance

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 saljut 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 space-time

spadns

1996-10-23

Sulfophenyl-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 dilatons
- 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 spectrometry
- 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

SPERMATOOZA

- 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 sspx 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
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 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
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 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

SRR-UTR-100 REACTOR

Scottish Universities Research and Reactor Centre, East Kilbride by Glasgow, United Kingdom.
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-441n

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-ni26cr15ti2movallb

NT4 alloy-a-286

NT2 durco

NT2 endure

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

STARK 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-crmov

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-crni

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 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-crni

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-CRALNIMO

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-mnnimo

steel-din-1-6342

INIS: 1983-11-07; ETDE: 1980-08-12
 (Prior to March 1989 this was a valid ETDE descriptor.)
 USE steel-mnnimov

steel-din-1-6343

INIS: 1983-11-08; ETDE: 1980-08-12
 (Prior to March 1989 this was a valid ETDE descriptor.)
 USE steel-mnnimo

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-ht-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-cr18ni9t

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 endure

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-x6crmi1811

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-crimi
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 plages
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 multipoles

STEROID HORMONES

BT1 hormones
NT1 androgens
 NT2 androstenedione
 NT2 androsterone
 NT2 hydroxyandrostenone
 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 somatotropic 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

stoody

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

NT1 hera storage ring

NT1 induc-1

NT1 induc-2

NT1 isabelle storage rings

NT1 jefferson lab meic

NT1 lep storage rings

NT1 lnls 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 serpukhov 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

TENSIOMETERS 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

STRANGEONIUM

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

STRETTFORD 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-COUPLING 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
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 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 debye-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 nuclear chicago reactor
 NT1 accelerator-driven subcritical systems
 NT2 accelerator-driven transmutation facilities
 NT2 brahma facility
 NT2 myrrha facility
 NT2 venus reactor
 NT2 yalina facility
 NT1 delphi reactor
 NT1 entc lwsr reactor
 NT1 jordan subcritical assembly
 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 schroeckingerite
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 sulfates
NT1 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

sulfhydryl 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 dmsa
NT1 dpsa

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

NT2 lanthanum sulfides

NT2 lead sulfides

NT2 lithium sulfides

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 sulfuryl 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 sulfuryl 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-KAMIOKAND E 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 deservon
- 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 kostelitz-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 kostelitz-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 REACTORUF *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 COATINGUF *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 FINISHINGUF *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 dneiper 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 defloculating agents
 RT drilling fluids
 RT filters
 RT fluidization
 RT fluidized beds
 RT turbidity

suspensions (fuel)

USE fuel slurries

SUSQUEHANNA-1 REACTOR

PPL Susquehanna, LLC, Berwick, Pennsylvania, USA.

UF susquehanna steam electric station unit-1

*BT1 bwr type reactors

SUSQUEHANNA-2 REACTOR

PPL 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 PLANT

Stone 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 cellulose 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 lnls 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

syrrian hamster

USE hamsters

syrrian 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 accerateur 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

*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 cml 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 eole 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 liir reactor

NT1 loft reactor

NT1 lptr reactor

NT1 mir reactor

NT1 mitr reactor

NT1 mnsr type reactors

NT2 entc mnsr reactor

NT2 gharr-1 reactor

NT2 mnsr-caie reactor

NT2 mnsr-sd reactor

NT2 mnsr-sh reactor

NT2 mnsr-sz reactor

NT2 nirr-1 reactor

NT2 par-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 ovr reactor

NT1 pbf reactor

NT1 pbr reactor

NT1 pegase reactor

NT1 pelinduna reactor

NT1 pik reactor

NT1 pluto reactor

NT1 prcf reactor

NT1 pir 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 trigra-1-michigan reactor

NT1 tsr-1 reactor

NT1 wntr 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
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- 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 carbon 13 target
- NT1 carbon 14 target
- NT1 carbon 16 target
- NT1 cerium 136 target
- NT1 cerium 138 target
- NT1 cerium 140 target
- NT1 cerium 141 target
- NT1 cerium 142 target
- NT1 cerium 144 target
- NT1 cesium 131 target
- NT1 cesium 132 target
- NT1 cesium 133 target
- NT1 cesium 134 target
- NT1 cesium 135 target
- NT1 cesium 137 target
- NT1 chlorine 35 target
- NT1 chlorine 36 target
- NT1 chlorine 37 target
- NT1 chromium 50 target
- NT1 chromium 52 target
- NT1 chromium 53 target
- NT1 chromium 54 target
- NT1 chromium 56 target
- NT1 cobalt 56 target
- NT1 cobalt 57 target
- NT1 cobalt 58 target
- NT1 cobalt 59 target
- NT1 cobalt 60 target
- NT1 copper 61 target
- NT1 copper 63 target
- NT1 copper 64 target
- NT1 copper 65 target
- NT1 curium 242 target
- NT1 curium 243 target
- NT1 curium 244 target
- NT1 curium 245 target
- NT1 curium 246 target
- NT1 curium 247 target
- NT1 curium 248 target
- NT1 curium 249 target
- NT1 curium 250 target
- NT1 deuterium target
- NT1 dysprosium 154 target
- NT1 dysprosium 156 target
- NT1 dysprosium 158 target
- NT1 dysprosium 160 target
- NT1 dysprosium 161 target
- NT1 dysprosium 162 target
- NT1 dysprosium 163 target
- NT1 dysprosium 164 target
- NT1 dysprosium 165 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	fluorine 18 target	NT1	lead 209 target	NT1	osmium 191 target
NT1	fluorine 19 target	NT1	lead 210 target	NT1	osmium 192 target
NT1	gadolinium 142 target	NT1	lithium 11 target	NT1	osmium 193 target
NT1	gadolinium 148 target	NT1	lithium 6 target	NT1	oxygen 14 target
NT1	gadolinium 152 target	NT1	lithium 7 target	NT1	oxygen 15 target
NT1	gadolinium 154 target	NT1	lithium 8 target	NT1	oxygen 16 target
NT1	gadolinium 155 target	NT1	lithium 9 target	NT1	oxygen 17 target
NT1	gadolinium 156 target	NT1	lutetium 174 target	NT1	oxygen 18 target
NT1	gadolinium 157 target	NT1	lutetium 175 target	NT1	palladium 102 target
NT1	gadolinium 158 target	NT1	lutetium 176 target	NT1	palladium 104 target
NT1	gadolinium 159 target	NT1	magnesium 23 target	NT1	palladium 105 target
NT1	gadolinium 160 target	NT1	magnesium 24 target	NT1	palladium 106 target
NT1	gallium 65 target	NT1	magnesium 25 target	NT1	palladium 107 target
NT1	gallium 67 target	NT1	magnesium 26 target	NT1	palladium 108 target
NT1	gallium 69 target	NT1	magnesium 27 target	NT1	palladium 110 target
NT1	gallium 71 target	NT1	manganese 51 target	NT1	palladium 118 target
NT1	germanium 70 target	NT1	manganese 52 target	NT1	phosphorus 30 target
NT1	germanium 71 target	NT1	manganese 53 target	NT1	phosphorus 31 target
NT1	germanium 72 target	NT1	manganese 54 target	NT1	phosphorus 32 target
NT1	germanium 73 target	NT1	manganese 55 target	NT1	platinum 190 target
NT1	germanium 74 target	NT1	mercury 193 target	NT1	platinum 192 target
NT1	germanium 75 target	NT1	mercury 196 target	NT1	platinum 194 target
NT1	germanium 76 target	NT1	mercury 198 target	NT1	platinum 195 target
NT1	germanium 86 target	NT1	mercury 199 target	NT1	platinum 196 target
NT1	gold 187 target	NT1	mercury 200 target	NT1	platinum 198 target
NT1	gold 193 target	NT1	mercury 201 target	NT1	plutonium 235 target
NT1	gold 194 target	NT1	mercury 202 target	NT1	plutonium 236 target
NT1	gold 195 target	NT1	mercury 204 target	NT1	plutonium 237 target
NT1	gold 196 target	NT1	mercury 206 target	NT1	plutonium 238 target
NT1	gold 197 target	NT1	molybdenum 100 target	NT1	plutonium 239 target
NT1	gold 198 target	NT1	molybdenum 92 target	NT1	plutonium 240 target
NT1	gold 199 target	NT1	molybdenum 94 target	NT1	plutonium 241 target
NT1	hafnium 174 target	NT1	molybdenum 95 target	NT1	plutonium 242 target
NT1	hafnium 176 target	NT1	molybdenum 96 target	NT1	plutonium 243 target
NT1	hafnium 177 target	NT1	molybdenum 97 target	NT1	plutonium 244 target
NT1	hafnium 178 target	NT1	molybdenum 98 target	NT1	polarized targets
NT1	hafnium 179 target	NT1	neodymium 142 target	NT1	polonium 208 target
NT1	hafnium 180 target	NT1	neodymium 143 target	NT1	polonium 210 target
NT1	helium 3 target	NT1	neodymium 144 target	NT1	potassium 39 target
NT1	helium 4 target	NT1	neodymium 145 target	NT1	potassium 40 target
NT1	helium 6 target	NT1	neodymium 146 target	NT1	potassium 41 target
NT1	holmium 165 target	NT1	neodymium 147 target	NT1	praseodymium 141 target
NT1	hydrogen 1 target	NT1	neodymium 148 target	NT1	promethium 145 target
NT1	indium 110 target	NT1	neodymium 149 target	NT1	promethium 147 target
NT1	indium 113 target	NT1	neodymium 150 target	NT1	promethium 149 target
NT1	indium 115 target	NT1	neon 20 target	NT1	protactinium 231 target
NT1	indium 127 target	NT1	neon 21 target	NT1	protactinium 232 target
NT1	iodine 127 target	NT1	neon 22 target	NT1	protactinium 233 target
NT1	iodine 128 target	NT1	neptunium 232 target	NT1	radium 226 target
NT1	iodine 129 target	NT1	neptunium 236 target	NT1	rhenium 184 target
NT1	ion beam targets	NT1	neptunium 237 target	NT1	rhenium 185 target
NT1	iridium 189 target	NT1	neptunium 238 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 wwer 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 alfen (switzerland)
*BT1 tokamak devices

TCABR TOKAMAK

2004-07-09
Tokamak Chauffage Alfven, Institute of Physics, University of Sao Paulo, Brazil.
UF tokamak chauffage alfen (brazil)
*BT1 tokamak devices

TCP

UF tricresyl 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 cermets
BT1 dispersions
RT nickel
RT thorium oxides

TD-NICKEL CHROMIUM

Ni-Cr-ThO₂ dispersion.
UF nickel chromium-td
*BT1 cermets
*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 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 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 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

NT1 terbium 159

NT1 terbium 160

NT1 terbium 161

NT1 terbium 162

NT1 terbium 163

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 atr reactor
NT2 atr reactor
NT2 bam reactor
NT2 bawtr reactor
NT2 bgrr reactor
NT2 borax-5 reactor
NT2 br-02 reactor
NT2 brr 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 fmr 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 gtr 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 htltr 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 atr reactor
NT1 atr reactor
NT1 bam 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 fftf reactor
NT1 fir-1 reactor
NT1 fmr reactor
NT1 fmr 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 gtr 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 owr 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

tetramethyltraselenafulvalene

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
- NT1 thallium 185
- NT1 thallium 186
- NT1 thallium 187
- NT1 thallium 188
- NT1 thallium 189
- NT1 thallium 190
- NT1 thallium 191
- NT1 thallium 192
- NT1 thallium 193
- NT1 thallium 194
- NT1 thallium 195
- NT1 thallium 196
- NT1 thallium 197
- NT1 thallium 198

- NT1 thallium 199
- NT1 thallium 200
- NT1 thallium 201
- NT1 thallium 202
- NT1 thallium 203
- NT1 thallium 204
- NT1 thallium 205
- 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 rigbi-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 gibbsar standard plant
 NT2 offshore nuclear power plants
 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 aerogel-general nucleonics reactors
 NT2 agn-201k reactor
 NT2 agn 201 costanza
 NT1 afri reactor
 NT1 agesta 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 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 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	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	ivv-2m reactor
NT2	vk-50 reactor	NT1	democritus reactor	NT1	janus reactor
NT2	wnp-2 reactor	NT1	dhruva reactor	NT1	jatr reactor
NT2	wuergassen reactor	NT1	dido reactor	NT1	jen-1 reactor
NT2	zimmer-1 reactor	NT1	dimple reactor	NT1	jen reactor
NT2	zimmer-2 reactor	NT1	dmtr reactor	NT1	jules horowitz reactor
NT1	byu 1-77 reactor	NT1	dow triga-mk-1 reactor	NT1	juno reactor
NT1	cabri reactor	NT1	dr-1 reactor	NT1	kaiga-3 reactor
NT1	calder hall a-1 reactor	NT1	dr-2 reactor	NT1	kaiga-4 reactor
NT1	calder hall a-2 reactor	NT1	dr-3 reactor	NT1	kamini reactor
NT1	calder hall b-3 reactor	NT1	dragon reactor	NT1	knk reactor
NT1	calder hall b-4 reactor	NT1	dungeness-a reactor	NT1	kuhfr reactor
NT1	candu type reactors	NT1	dungeness-b reactor	NT1	kursk-1 reactor
NT2	bruce-1 reactor	NT1	ebor reactor	NT1	kursk-2 reactor
NT2	bruce-2 reactor	NT1	egcr reactor	NT1	kursk-3 reactor
NT2	bruce-3 reactor	NT1	el-1 reactor	NT1	kursk-4 reactor
NT2	bruce-4 reactor	NT1	el-2 reactor	NT1	latina reactor
NT2	bruce-5 reactor	NT1	el-4 reactor	NT1	leningrad-1 reactor
NT2	bruce-6 reactor	NT1	eocr reactor	NT1	leningrad-2 reactor
NT2	bruce-7 reactor	NT1	es-salam reactor	NT1	leningrad-3 reactor
NT2	bruce-8 reactor	NT1	esada-vesr reactor	NT1	leningrad-4 reactor
NT2	cernavoda-1 reactor	NT1	essor reactor	NT1	lfr reactor
NT2	cernavoda-2 reactor	NT1	etr reactor	NT1	lido reactor
NT2	cordoba reactor	NT1	etrc reactor	NT1	litr reactor
NT2	darlington-1 reactor	NT1	etrr-2 reactor	NT1	lpr reactor
NT2	darlington-2 reactor	NT1	ewg-1 reactor	NT1	lptr reactor
NT2	darlington-3 reactor	NT1	fir-1 reactor	NT1	lucens reactor
NT2	darlington-4 reactor	NT1	fmr reactor	NT1	lvr-15 reactor
NT2	douglas point ontario reactor	NT1	fr-2 reactor	NT1	lwbr type reactors
NT2	embalse reactor	NT1	frg-1 reactor	NT1	maria reactor
NT2	gentilly-1 reactor	NT1	frm-ii reactor	NT1	marius reactor
NT2	gentilly-2 reactor	NT1	fulton-1 reactor	NT1	melusine-1 reactor
NT2	kaiga-1 reactor	NT1	fulton-2 reactor	NT1	merlin reactor
NT2	kaiga-2 reactor	NT1	g-1 reactor	NT1	minerve reactor
NT2	kakrapar-1 reactor	NT1	g-2 reactor	NT1	mir reactor
NT2	kakrapar-2 reactor	NT1	g-3 reactor	NT1	mitr reactor
NT2	kanupp reactor	NT1	ga siwabessy reactor	NT1	mnsr type reactors
NT2	npd reactor	NT1	ga standard reactor	NT2	entc mnsr reactor
NT2	pickering-1 reactor	NT1	getr reactor	NT2	gharr-1 reactor
NT2	pickering-2 reactor	NT1	gidra reactor	NT2	mnsr-ciae reactor
NT2	pickering-3 reactor	NT1	gleep reactor	NT2	mnsr-sd reactor
NT2	pickering-4 reactor	NT1	hartlepool reactor	NT2	mnsr-sh reactor
NT2	pickering-5 reactor	NT1	hbwr reactor	NT2	mnsr-sz reactor
NT2	pickering-6 reactor	NT1	hector reactor	NT2	nirr-1 reactor
NT2	pickering-7 reactor	NT1	herald reactor	NT2	parr-2 reactor
NT2	pickering-8 reactor	NT1	hew-305 reactor	NT2	srr-1 reactor
NT2	point lepreau-1 reactor	NT1	heysham-a reactor	NT1	mrr reactor
NT2	point lepreau-2 reactor	NT1	heysham-b reactor	NT1	msre reactor
NT2	qinshan-3-1 reactor	NT1	hfbr reactor	NT1	mtr reactor
NT2	qinshan-3-2 reactor	NT1	hfetr reactor	NT1	mzfr reactor
NT2	rajasthan-1 reactor	NT1	hfir reactor	NT1	nbsr reactor
NT2	rajasthan-2 reactor	NT1	hfr reactor	NT1	ncscr-1 reactor
NT2	rajasthan-3 reactor	NT1	hifar reactor	NT1	nestor reactor
NT2	rajasthan-4 reactor	NT1	hinkley point-a reactor	NT1	netr reactor
NT2	wolsung-1 reactor	NT1	hinkley point-b reactor	NT1	nevada university reactor
NT2	wolsung-2 reactor	NT1	hitrex-1 reactor	NT1	nhr-5 reactor
NT2	wolsung-3 reactor	NT1	hnpf reactor	NT1	niederaichbach reactor
NT2	wolsung-4 reactor	NT1	hor reactor	NT1	nora reactor
NT1	carem 25 reactor	NT1	htr reactor	NT1	nrx reactor
NT1	cesar reactor	NT1	hunterston-a reactor	NT1	ntr reactor
NT1	cesnef reactor	NT1	hunterston-b reactor	NT1	nur reactor
NT1	chapelcross-1 reactor	NT1	hwctr reactor	NT1	oldbury-a reactor
NT1	chapelcross-2 reactor	NT1	hwzpr reactor	NT1	oldbury-b reactor
NT1	chapelcross-3 reactor	NT1	ian-r1 reactor	NT1	opal reactor
NT1	chapelcross-4 reactor	NT1	iear-1 reactor	NT1	osiris reactor
NT1	chernobylsk-1 reactor	NT1	ignalina-1 reactor	NT1	owr reactor
NT1	chernobylsk-2 reactor	NT1	ignalina-2 reactor	NT1	pctr reactor
NT1	chernobylsk-3 reactor	NT1	igr reactor	NT1	peach bottom-1 reactor
NT1	chernobylsk-4 reactor	NT1	irl reactor	NT1	pegase reactor
NT1	chinon-a1 reactor	NT1	irr-1 reactor	NT1	pelinduna reactor
NT1	chinon-a2 reactor	NT1	irt-1 libya reactor	NT1	perryman-1 reactor
NT1	chinon-a3 reactor	NT1	irt-2000 djakarta reactor	NT1	perryman-2 reactor
NT1	cirene reactor	NT1	irt-2000 moscow reactor	NT1	phebus 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	aguire 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	koeberg-1 reactor
NT2	bellefonte-1 reactor	NT2	diablo canyon-1 reactor	NT2	koeberg-2 reactor
NT2	bellefonte-2 reactor	NT2	diablo canyon-2 reactor	NT2	kori-1 reactor
NT2	belleville-1 reactor	NT2	doel-1 reactor	NT2	kori-2 reactor
NT2	belleville-2 reactor	NT2	doel-2 reactor	NT2	kori-3 reactor
NT2	beznau-1 reactor	NT2	doel-3 reactor	NT2	kori-4 reactor
NT2	beznau-2 reactor	NT2	doel-4 reactor	NT2	krsko reactor
NT2	biblis-1 reactor	NT2	efdr-50 reactor	NT2	lemoniz-1 reactor
NT2	biblis-2 reactor	NT2	emsland reactor	NT2	lemoniz-2 reactor
NT2	biblis-3 reactor	NT2	erie-1 reactor	NT2	lenin reactor
NT2	biblis-4 reactor	NT2	erie-2 reactor	NT2	leonid brezhnev reactor
NT2	blayais-1 reactor	NT2	fangchenggang-1 reactor	NT2	lingao-1 reactor
NT2	blayais-2 reactor	NT2	fangchenggang-2 reactor	NT2	lingao-2 reactor
NT2	blayais-3 reactor	NT2	fangjiashan-1 reactor	NT2	lingao-3 reactor
NT2	blayais-4 reactor	NT2	fangjiashan-2 reactor	NT2	lingao-4 reactor
NT2	blue hills-1 reactor	NT2	farley-1 reactor	NT2	loft reactor
NT2	blue hills-2 reactor	NT2	farley-2 reactor	NT2	lucie-1 reactor
NT2	borssele reactor	NT2	fessenheim-1 reactor	NT2	lucie-2 reactor
NT2	br-3 reactor	NT2	fessenheim-2 reactor	NT2	maanshan-1 reactor
NT2	braidwood-1 reactor	NT2	flamanville-1 reactor	NT2	maanshan-2 reactor
NT2	braidwood-2 reactor	NT2	flamanville-2 reactor	NT2	maine yankee reactor
NT2	brokdorf reactor	NT2	flamanville-3 reactor	NT2	malibu-1 reactor
NT2	bugey-2 reactor	NT2	forked river-1 reactor	NT2	marble hill-1 reactor
NT2	bugey-3 reactor	NT2	fuqing-1 reactor	NT2	marble hill-2 reactor
NT2	bugey-4 reactor	NT2	fuqing-2 reactor	NT2	mc guire-1 reactor
NT2	bugey-5 reactor	NT2	fuqing-3 reactor	NT2	mc guire-2 reactor
NT2	bw standard reactor	NT2	fuqing-4 reactor	NT2	mh-1a reactor
NT2	byron-1 reactor	NT2	fuqing-5 reactor	NT2	midland-1 reactor
NT2	byron-2 reactor	NT2	fuqing-6 reactor	NT2	midland-2 reactor
NT2	calhoun-1 reactor	NT2	genkai-1 reactor	NT2	mihama-1 reactor
NT2	calhoun-2 reactor	NT2	genkai-2 reactor	NT2	mihama-2 reactor
NT2	callaway-1 reactor	NT2	genkai-3 reactor	NT2	mihama-3 reactor
NT2	callaway-2 reactor	NT2	genkai-4 reactor	NT2	millstone-2 reactor
NT2	calvert cliffs-1 reactor	NT2	ginna-1 reactor	NT2	millstone-3 reactor
NT2	calvert cliffs-2 reactor	NT2	goesgen reactor	NT2	muelheim-kaerlich reactor
NT2	carem 25 reactor	NT2	golfech-1 reactor	NT2	mutsu reactor
NT2	catawba-1 reactor	NT2	golfech-2 reactor	NT2	neckar-1 reactor
NT2	catawba-2 reactor	NT2	grafenhainfeld reactor	NT2	neckar-2 reactor
NT2	cattenom-1 reactor	NT2	gravelines-1 reactor	NT2	nep-1 reactor
NT2	cattenom-2 reactor	NT2	gravelines-2 reactor	NT2	nep-2 reactor
NT2	cattenom-3 reactor	NT2	gravelines-3 reactor	NT2	neupotz-1 reactor
NT2	cattenom-4 reactor	NT2	gravelines-4 reactor	NT2	neupotz-2 reactor
NT2	ce standard reactor	NT2	gravelines-5 reactor	NT2	ningde-1 reactor
NT2	changjiang-1 reactor	NT2	gravelines-6 reactor	NT2	ningde-2 reactor
NT2	changjiang-2 reactor	NT2	greene county reactor	NT2	ningde-3 reactor
NT2	chasnupp-1 reactor	NT2	greenwood-2 reactor	NT2	ningde-4 reactor
NT2	chasnupp-2 reactor	NT2	greenwood-3 reactor	NT2	nogent-1 reactor
NT2	chasnupp-3 reactor	NT2	grohnde reactor	NT2	nogent-2 reactor
NT2	cherokee-1 reactor	NT2	hamm-uentrop reactor	NT2	north anna-1 reactor
NT2	cherokee-2 reactor	NT2	hanbit-1 reactor	NT2	north anna-2 reactor
NT2	cherokee-3 reactor	NT2	hanbit-2 reactor	NT2	north anna-3 reactor
NT2	chinon-b1 reactor	NT2	hanbit-3 reactor	NT2	north anna-4 reactor
NT2	chinon-b2 reactor	NT2	hanbit-4 reactor	NT2	north coast-1 reactor
NT2	chinon-b3 reactor	NT2	hanbit-5 reactor	NT2	obrigheim reactor

NT2	oconee-1 reactor	NT2	sizewell-b reactor	NT3	dukovany-2 reactor
NT2	oconee-2 reactor	NT2	sm-1 reactor	NT3	dukovany-3 reactor
NT2	oconee-3 reactor	NT2	sm-1a reactor	NT3	dukovany-4 reactor
NT2	oi-1 reactor	NT2	south texas project-1 reactor	NT3	greifswald-1 reactor
NT2	oi-2 reactor	NT2	south texas project-2 reactor	NT3	greifswald-2 reactor
NT2	oi-3 reactor	NT2	stade reactor	NT3	greifswald-3 reactor
NT2	oi-4 reactor	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
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	mochovce-1 reactor
NT2	pm-2a reactor	NT2	trojan reactor	NT3	mochovce-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	quancassee-1 reactor	NT2	ulchin-5 reactor	NT3	rostov-3 reactor
NT2	quancassee-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	r-1 reactor
NT2	shin-wolsong-1 reactor	NT3	bohunice v-2 reactor	NT1	r-a reactor
NT2	shippingport reactor	NT3	dukovany-1 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 silhouette 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 vandellos reactor
 NT1 venus reactor
 NT1 vg-400 reactor
 NT1 vgr-50 reactor
 NT1 vhtr 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 biothermohol 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 hydropyrolysis 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 tosco-dyne 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 cffc 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-iu 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 sspix 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 tfr 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 tosca tokamak
 NT3 tpx device
 NT3 triam-1 tokamak
 NT3 tuman devices
 NT3 two-component torus
 NT3 uwmak devices
 NT3 varennes 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 zi-40 devices
 NT4 zi-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 sulphydryl 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 isothiurea
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 pcoptl

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

THORIANTE

***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 lodochnikite
- 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 lodochnikite

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
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- 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 thymidyllic 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

tikonai

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 milliseconds 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-ni26cr15ti2mova1b

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

NT2 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, Lybia. 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 jft-2m tokamak
NT1 jipt-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 phaedruss-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 nsx 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 tftf 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 hbt 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.*
- 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** radioimmunosciintigraphy
- 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 ill high flux reactor
 NT1 nuclear chicago reactor
 NT1 aerogel-general nucleonics reactors
 NT2 agn-201k reactor
 NT2 agn 201 costanza
 NT1 afri 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 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 ncsr-1 reactor
 NT1 nevada university reactor
 NT1 nscr 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 srcr-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 tranquilizers
 *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-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 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-4mcsu

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-crni
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-cr17ni13mo2ti
NT8 steel-cr17ni13mo3ti
NT8 steel-cr17ni13mo3ti
NT8 steel-ni26cr15ti2movalb
NT9 alloy-a-286
NT7 magnet steel-ks
NT7 miduale
NT7 stainless steel-406
NT7 steel-cr10mo2
NT7 steel-cr12
NT8 stainless steel-403
NT8 steel-ni26cr15ti2movalb
NT9 alloy-a-286
NT7 durco
NT7 enduro
NT7 stainless steel-17-7ph
NT7 stainless steel-303
NT7 stainless steel-329
NT7 stainless steel-ph-15-7-mo
NT7 steel-cr17ni13
NT7 steel-cr17ni7
NT8 stainless steel-301
NT7 steel-cr18ni10
NT8 stainless steel-18-10
NT7 steel-cr18ni10-l
NT7 steel-cr18ni10ti
NT8 stainless steel-321
NT7 steel-cr18ni11
NT8 steel-x6crni1811
NT7 steel-cr18ni11nb
NT8 stainless steel-347
NT7 steel-cr18ni11nbco
NT8 stainless steel-348
NT7 steel-cr18ni12
NT8 stainless steel-305
NT7 steel-cr18ni12ti
NT8 stainless steel-18-8
NT7 steel-cr18ni9
NT8 stainless steel-302
NT7 steel-cr18ni9ti
NT7 steel-cr19ni10
NT8 stainless steel-304
NT7 steel-cr19ni10-l
NT8 stainless steel-304l
NT7 steel-cr20ni11
NT8 stainless steel-308
NT7 steel-cr20ni11-l
NT8 stainless steel-308l
NT7 steel-cr23ni14
NT8 stainless steel-309
NT8 stainless steel-309s
NT7 steel-cr23ni18
NT7 steel-cr25ni20
NT8 alloy-hk-40
NT8 stainless steel-310
NT7 steel-ni25cr20
NT8 stainless steel-20-25
NT7 steel-ni36cr12ti3al-l
NT7 timken alloys
NT6 chromium steels
NT7 chromium-molybdenum steels
NT8 chromium-nickel-molybdenum steels
NT9 alloy-m-813
NT9 steel-cr11ni10mo2ti-l
NT9 steel-cr15ni15motib
NT9 steel-cr16ni13monbv
NT9 steel-cr16ni15mo3nb
NT9 steel-cr16ni16monb
NT9 steel-cr16ni8mo2
NT10 stainless steel-16-8-2
NT9 steel-cr16ni9mo2
NT9 steel-cr17ni12mo3
NT10 stainless steel-316
NT9 steel-cr17ni12mo3-l
NT10 stainless steel-316l
NT10 stainless steel-zcnd17-13
NT9 steel-cr17ni12monb
NT9 steel-cr17ni13mo2ti
NT9 steel-cr17ni13mo3ti
NT9 steel-ni26cr15ti2movalb
NT10 alloy-a-286
NT7 magnet steel-ks
NT7 miduale
NT7 stainless steel-406
NT7 steel-cr10mo2
NT7 steel-cr12
NT8 stainless steel-403

NT7 steel-cr12moniv
NT7 steel-cr12mov
NT8 alloy-ht-9
NT7 steel-cr13
NT8 stainless steel-410
NT7 steel-cr13al
NT8 stainless steel-405
NT7 steel-cr16
NT8 stainless steel-430
NT7 steel-cr16ni
NT7 steel-cr17cu4ni4nb-l
NT8 stainless steel-17-4ph
NT7 steel-cr17mo
NT8 stainless steel-440
NT7 steel-cr17ni4mo3
NT7 steel-cr18
NT7 steel-cr25
NT8 stainless steel-446
NT7 steel-cr9mo
NT7 steel-cr9monbv
NT6 low carbon-high alloy steels
NT7 steel-cr11ni10mo2ti-l
NT7 steel-cr17cu4ni4nb-l
NT8 stainless steel-17-4ph
NT7 steel-cr17ni12mo3-l
NT8 stainless steel-316l
NT8 stainless steel-zcnd17-13
NT7 steel-cr18ni10-l
NT7 steel-cr19ni10-l
NT8 stainless steel-304l
NT7 steel-cr20ni11-l
NT8 stainless steel-308l
NT7 steel-ni36cr12ti3al-l
NT6 stainless steel-317
NT6 stainless steel-318
NT6 stainless steel-422
NT6 stainless steel-fv-548
NT6 stainless steel-jbk-75
NT6 stainless steel m-50
NT6 steel-cr21mn9ni6
NT7 stainless steel-21-6-9
NT6 sweetalloy
NT4 low alloy steels
NT5 steel-astm-a350
NT5 steel-astm-a387
NT5 steel-astm-a508
NT5 steel-astm-a533
NT5 steel-cr2mo
NT6 steel-astm-a542
NT5 steel-cr2moninb
NT5 steel-cr2mov
NT5 steel-cr2nimov
NT5 steel-cr5mo
NT5 steel-cralnimo
NT5 steel-crmco
NT5 steel-crmov
NT5 steel-crmi
NT5 steel-mncumo
NT6 steel-astm-a537
NT5 steel-mnmo
NT6 steel-astm-a302
NT5 steel-mnnimo
NT6 steel-astm-a533-b
NT5 steel-mnnimov
NT5 steel-ni3cr
NT5 steel-ni3crmo
NT6 steel-astm-a543
NT5 steel-ni3crmov
NT5 steel-ni4crw
NT5 steel-nicr
NT5 steel-nicrmo
NT5 steel-nimocr
NT4 manganese steels
NT4 martensitic steels
NT5 maraging steels
NT5 steel-cr10mo2
NT5 steel-cr12
NT6 stainless steel-403
NT5 steel-cr12mov

NT6 alloy-ht-9
NT5 steel-cr13
NT6 stainless steel-410
NT5 steel-cr16ni
NT5 steel-cr17cu4ni4nb-l
NT6 stainless steel-17-4ph
NT5 steel-cr17mo
NT6 stainless steel-440
NT5 steel-cr18
NT4 nickel steels
NT5 sweetalloy
NT4 steel-astm-a572
NT2 konel
NT2 lynite
NT2 martensite
NT2 misco metal
NT2 ni-hard
NT2 orthonol
NT2 permalloy
NT2 rene 41
NT2 supertherm
NT2 tribaloy 400
NT2 tribaloy 800
NT1 manganese alloys
NT2 alloy-co43cr20fe18ni13w3
NT3 havar
NT2 alloy-mo-re-1
NT2 alloy-ni73cr20mn3nb3
NT3 inconel 82
NT2 alloy-ni94mn3al2
NT3 alumel
NT2 alloy-s-816
NT2 heusler alloys
NT2 manganese additions
NT3 alloy-al95cu4
NT4 duralumin
NT3 alloy-fe40ni35cr22
NT3 alloy-fe53ni29co18
NT4 kovar
NT3 alloy-hs-31
NT3 alloy-n28t3
NT3 alloy-ni66cu32
NT4 monel 400
NT3 alloy-ni78cr21
NT3 alloy-v-36
NT3 ascology
NT3 bondur
NT3 discaloy
NT3 duranickel
NT3 duriron
NT3 magnesium alloy-az31b
NT3 miduale
NT3 ni-hard
NT3 steel-cr16ni9mo2
NT2 manganese base alloys
NT2 manganese steels
NT2 manganin
NT2 stainless steel-zcnd17-13
NT2 steel-cr21mn9ni6
NT3 stainless steel-21-6-9
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
NT1 molybdenum alloys
NT2 alloy-b-1900
NT2 alloy-co43cr20fe18ni13w3
NT3 havar
NT2 alloy-d-979
NT2 alloy-in-102
NT2 alloy-khn50mbvyu
NT2 alloy-mar-m246
NT2 alloy-mn-21
NT2 alloy-mp35n
NT2 alloy-n-10m
NT2 alloy-n-9m

NT2 alloy-ni43fe30cr22mo3
NT3 incoloy 825
NT2 alloy-ni43fe33cr16mo3
NT3 nimonic pe16
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
NT4 steel-cr17ni12mo3-l
NT5 stainless steel-316l
NT5 stainless steel-zcnd17-13
NT4 steel-cr17ni12monb
NT4 steel-cr17ni13mo2ti
NT4 steel-cr17ni13mo3ti
NT4 steel-ni26cr15ti2moyalb
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-ni3crmoy
 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 ascoloy
 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-crni
 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 carbology
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 carbology
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	NT3	iridium chlorides	NT3	molybdenum blue
NT2	cobalt hydroxides	NT3	iridium fluorides	NT2	molybdenum phosphates
NT2	cobalt nitrates	NT2	iridium hydrides	NT2	molybdenum phosphides
NT2	cobalt oxides	NT2	iridium nitrides	NT2	molybdenum selenides
NT2	cobalt perchlorates	NT2	iridium oxides	NT2	molybdenum silicates
NT2	cobalt phosphates	NT2	iridium silicides	NT2	molybdenum silicides
NT2	cobalt phosphides	NT2	iridium sulfates	NT2	molybdenum sulfates
NT2	cobalt selenides	NT2	iridium tellurides	NT2	molybdenum sulfides
NT2	cobalt silicates	NT1	iron compounds	NT2	molybdenum tellurides
NT2	cobalt silicides	NT2	ferrates	NT2	molybdic acid
NT2	cobalt sulfates	NT2	ferrites	NT2	molybdophosphates
NT2	cobalt sulfides	NT2	iron arsenides	NT2	molybdophosphoric acid
NT2	cobalt tellurides	NT2	iron borides	NT1	nickel compounds
NT2	cobalt tungstates	NT2	iron carbides	NT2	nickel arsenides
NT1	copper compounds	NT3	cementite	NT2	nickel borides
NT2	copper arsenides	NT3	ni-hard	NT2	nickel carbides
NT2	copper borides	NT2	iron carbonates	NT2	nickel carbonates
NT2	copper carbides	NT2	iron halides	NT2	nickel halides
NT2	copper carbonates	NT3	iron bromides	NT3	nickel bromides
NT2	copper halides	NT3	iron chlorides	NT3	nickel chlorides
NT3	copper bromides	NT3	iron fluorides	NT3	nickel fluorides
NT3	copper chlorides	NT2	iron hydrides	NT3	nickel iodides
NT3	copper fluorides	NT2	iron hydroxides	NT2	nickel hydrides
NT3	copper iodides	NT2	iron nitrates	NT2	nickel hydroxides
NT2	copper hydrides	NT2	iron nitrides	NT2	nickel nitrates
NT2	copper hydroxides	NT2	iron oxides	NT2	nickel nitrides
NT2	copper nitrates	NT2	iron perchlorates	NT2	nickel oxides
NT2	copper nitrides	NT2	iron phosphates	NT2	nickel phosphates
NT2	copper oxides	NT2	iron phosphides	NT2	nickel phosphides
NT2	copper perchlorates	NT2	iron selenides	NT2	nickel selenides
NT2	copper phosphates	NT2	iron silicates	NT2	nickel silicates
NT2	copper phosphides	NT2	iron silicides	NT2	nickel silicides
NT2	copper selenides	NT2	iron sulfates	NT2	nickel sulfates
NT2	copper silicates	NT2	iron sulfides	NT2	nickel sulfides
NT2	copper silicides	NT2	iron tellurides	NT2	nickel tellurides
NT2	copper sulfates	NT2	iron tungstates	NT2	nickel tungstates
NT2	copper sulfides	NT1	manganese compounds	NT2	nickelates
NT2	copper tellurides	NT2	manganates	NT1	niobium compounds
NT2	copper tungstates	NT2	manganese arsenides	NT2	niobates
NT2	cuprates	NT2	manganese borides	NT2	niobium arsenides
NT1	gold compounds	NT2	manganese carbides	NT2	niobium borides
NT2	gold halides	NT2	manganese carbonates	NT2	niobium bromides
NT3	gold bromides	NT2	manganese halides	NT2	niobium carbides
NT3	gold chlorides	NT3	manganese bromides	NT2	niobium chlorides
NT3	gold fluorides	NT3	manganese chlorides	NT2	niobium fluorides
NT3	gold iodides	NT3	manganese fluorides	NT2	niobium halides
NT2	gold hydrides	NT3	manganese iodides	NT3	niobium bromides
NT2	gold oxides	NT2	manganese hydrides	NT3	niobium chlorides
NT2	gold silicides	NT2	manganese hydroxides	NT3	niobium fluorides
NT2	gold tellurides	NT2	manganese nitrates	NT3	niobium iodides
NT1	hafnium compounds	NT2	manganese nitrides	NT2	niobium hydrides
NT2	hafnates	NT2	manganese oxides	NT2	niobium hydroxides
NT2	hafnium arsenides	NT2	manganese perchlorates	NT2	niobium iodides
NT2	hafnium borides	NT2	manganese phosphates	NT2	niobium nitrates
NT2	hafnium carbides	NT2	manganese phosphides	NT2	niobium nitrides
NT2	hafnium halides	NT2	manganese selenides	NT2	niobium oxides
NT3	hafnium bromides	NT2	manganese silicates	NT2	niobium phosphates
NT3	hafnium chlorides	NT2	manganese silicides	NT2	niobium phosphides
NT3	hafnium fluorides	NT2	manganese sulfates	NT2	niobium selenides
NT3	hafnium iodides	NT2	manganese sulfides	NT2	niobium silicates
NT2	hafnium hydrides	NT2	manganese tellurides	NT2	niobium silicides
NT2	hafnium hydroxides	NT2	manganese tungstates	NT2	niobium sulfates
NT2	hafnium nitrates	NT2	permanganates	NT2	niobium sulfides
NT2	hafnium nitrides	NT1	molybdenum compounds	NT2	niobium tellurides
NT2	hafnium oxides	NT2	molybdates	NT1	osmium compounds
NT2	hafnium perchlorates	NT2	molybdenum arsenides	NT2	osmium borides
NT2	hafnium phosphates	NT2	molybdenum borides	NT2	osmium carbides
NT2	hafnium phosphides	NT2	molybdenum carbides	NT2	osmium halides
NT2	hafnium selenides	NT2	molybdenum carbonates	NT3	osmium chlorides
NT2	hafnium silicates	NT2	molybdenum halides	NT3	osmium fluorides
NT2	hafnium silicides	NT3	molybdenum bromides	NT2	osmium nitrides
NT2	hafnium sulfates	NT3	molybdenum chlorides	NT2	osmium oxides
NT2	hafnium sulfides	NT3	molybdenum fluorides	NT2	osmium phosphides
NT2	hafnium tellurides	NT3	molybdenum iodides	NT2	osmium sulfates
NT2	hafnium tungstates	NT2	molybdenum hydrides	NT2	osmium sulfides
NT1	iridium compounds	NT2	molybdenum hydroxides	NT1	palladium compounds
NT2	iridium borides	NT2	molybdenum nitrates	NT2	palladium arsenides
NT2	iridium carbides	NT2	molybdenum nitrides	NT2	palladium borides
NT2	iridium halides	NT2	molybdenum oxides	NT2	palladium carbides

NT2	palladium halides	NT2	ruthenium hydroxides	NT2	technetates
NT3	palladium bromides	NT2	ruthenium nitrates	NT2	technetium carbides
NT3	palladium chlorides	NT2	ruthenium nitrides	NT2	technetium halides
NT3	palladium fluorides	NT2	ruthenium nitrosyls	NT3	technetium bromides
NT3	palladium iodides	NT2	ruthenium oxides	NT3	technetium chlorides
NT2	palladium hydrides	NT2	ruthenium phosphides	NT3	technetium fluorides
NT2	palladium hydroxides	NT2	ruthenium selenides	NT3	technetium iodides
NT2	palladium nitrates	NT2	ruthenium silicides	NT2	technetium hydrides
NT2	palladium nitrides	NT2	ruthenium borides	NT2	technetium oxides
NT2	palladium oxides	NT2	ruthenium sulfates	NT2	technetium phosphates
NT2	palladium phosphides	NT2	ruthenium sulfides	NT2	technetium selenides
NT2	palladium selenides	NT2	ruthenium tellurides	NT2	technetium sulfides
NT2	palladium silicides	NT1	scandium compounds	NT2	technetium tellurides
NT2	palladium sulfides	NT2	scandium borides	NT1	titanium compounds
NT2	palladium tellurides	NT2	scandium carbides	NT2	titanates
NT1	platinum compounds	NT2	scandium carbonates	NT3	cadmium titanates
NT2	platinum arsenides	NT2	scandium halides	NT3	lithium titanates
NT2	platinum carbides	NT3	scandium bromides	NT3	plzt
NT2	platinum halides	NT3	scandium chlorides	NT3	pzt
NT3	platinum bromides	NT3	scandium fluorides	NT3	strontium titanates
NT3	platinum chlorides	NT3	scandium iodides	NT2	titanides
NT3	platinum fluorides	NT2	scandium hydrides	NT2	titanium arsenides
NT3	platinum iodides	NT2	scandium hydroxides	NT2	titanium borides
NT2	platinum hydrides	NT2	scandium nitrates	NT2	titanium carbides
NT2	platinum hydroxides	NT2	scandium nitrides	NT2	titanium halides
NT2	platinum nitrides	NT2	scandium oxides	NT3	titanium bromides
NT2	platinum oxides	NT2	scandium perchlorates	NT3	titanium chlorides
NT2	platinum phosphides	NT2	scandium phosphates	NT3	titanium fluorides
NT2	platinum silicides	NT2	scandium phosphides	NT3	titanium iodides
NT2	platinum sulfates	NT2	scandium selenides	NT2	titanium hydrides
NT2	platinum sulfides	NT2	scandium silicates	NT2	titanium hydroxides
NT2	platinum tellurides	NT2	scandium silicides	NT2	titanium nitrates
NT1	rhodium compounds	NT2	scandium sulfates	NT2	titanium nitrides
NT2	perhenates	NT2	scandium sulfides	NT2	titanium oxides
NT2	rehenates	NT2	scandium tungstates	NT2	titanium phosphates
NT2	rhodium borides	NT1	silver compounds	NT2	titanium phosphides
NT2	rhodium carbides	NT2	silver arsenides	NT2	titanium selenides
NT2	rhodium carbonates	NT2	silver carbonates	NT2	titanium silicates
NT2	rhodium halides	NT2	silver halides	NT2	titanium silicides
NT3	rhodium bromides	NT3	silver bromides	NT2	titanium sulfates
NT3	rhodium chlorides	NT3	silver chlorides	NT2	titanium sulfides
NT3	rhodium fluorides	NT3	silver fluorides	NT2	titanium tellurides
NT3	rhodium iodides	NT3	silver iodides	NT2	titanium tungstates
NT2	rhodium hydrides	NT2	silver hydrides	NT1	tungsten compounds
NT2	rhodium hydroxides	NT2	silver hydroxides	NT2	tungstates
NT2	rhodium nitrides	NT2	silver nitrates	NT3	aluminium tungstates
NT2	rhodium oxides	NT2	silver nitrides	NT3	ammonium tungstates
NT2	rhodium selenides	NT2	silver oxides	NT3	barium tungstates
NT2	rhodium silicides	NT2	silver perchlorates	NT3	bismuth tungstates
NT2	rhodium sulfates	NT2	silver phosphates	NT3	cadmium tungstates
NT2	rhodium sulfides	NT2	silver selenides	NT3	calcium tungstates
NT2	rhodium tellurides	NT2	silver sulfates	NT3	cerium tungstates
NT1	rhodium compounds	NT2	silver sulfides	NT3	cesium tungstates
NT2	rhodium arsenides	NT2	silver tellurides	NT3	cobalt tungstates
NT2	rhodium borides	NT2	silver tungstates	NT3	copper tungstates
NT2	rhodium carbides	NT1	tantalum compounds	NT3	dysprosium tungstates
NT2	rhodium halides	NT2	tantalates	NT3	erbium tungstates
NT3	rhodium bromides	NT2	tantalum arsenides	NT3	gadolinium tungstates
NT3	rhodium chlorides	NT2	tantalum borides	NT3	hafnium tungstates
NT3	rhodium fluorides	NT2	tantalum carbides	NT3	indium tungstates
NT2	rhodium hydrides	NT2	tantalum halides	NT3	iron tungstates
NT2	rhodium hydroxides	NT3	tantalum bromides	NT3	lanthanum tungstates
NT2	rhodium nitrates	NT3	tantalum chlorides	NT3	lead tungstates
NT2	rhodium nitrides	NT3	tantalum fluorides	NT3	lithium tungstates
NT2	rhodium oxides	NT3	tantalum iodides	NT3	lutetium tungstates
NT2	rhodium phosphides	NT2	tantalum hydrides	NT3	manganese tungstates
NT2	rhodium selenides	NT2	tantalum hydroxides	NT3	neodymium tungstates
NT2	rhodium silicides	NT2	tantalum nitrides	NT3	nickel tungstates
NT2	rhodium sulfides	NT2	tantalum oxides	NT3	potassium tungstates
NT2	rhodium tellurides	NT2	tantalum phosphates	NT3	praseodymium tungstates
NT1	ruthenium compounds	NT2	tantalum phosphides	NT3	rubidium tungstates
NT2	ruthenium arsenides	NT2	tantalum selenides	NT3	samarium tungstates
NT2	ruthenium borides	NT2	tantalum silicates	NT3	scandium tungstates
NT2	ruthenium carbides	NT2	tantalum silicides	NT3	silver tungstates
NT2	ruthenium halides	NT2	tantalum sulfates	NT3	sodium tungstates
NT3	ruthenium bromides	NT2	tantalum sulfides	NT3	strontium tungstates
NT3	ruthenium chlorides	NT2	tantalum tellurides	NT3	tantalum tungstates
NT3	ruthenium fluorides	NT2	tantalum tungstates	NT3	thallium tungstates
NT2	ruthenium hydrides	NT1	technetium compounds	NT3	thorium tungstates
		NT2	pertechnates		

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 mendeleevium compounds
NT2 mendeleevium 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 mendeleevium
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 tennessee
 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

TRAVALLE 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 copaifera
- 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: 1979-03-28

- 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 tetra

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

Atomintstitute 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-dkfz heidelberg reactor

2000-04-12
USE triga-1-heidelberg reactor

triga-mark-ii reactor

2000-04-12
USE triga-2 reactor

triga-mk-1-dkfz 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 pusapati 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 atpr 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 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 ucbr 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

TRIODOOTHYRONINE

- 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

TRIOLEIN

- UF 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

TRIPLASMATRONS

- *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 SStorage 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

tritium

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

TRITIUM

UF 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

TRITONS

SF 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 lixiviant 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

tryptaflavine

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-fining).

*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 carbology
- 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
NT1 tungsten 171
NT1 tungsten 172
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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

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-pfirschmann 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 dnepier 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*

unbioctium

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 *almenbro 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 duman 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 duman 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 hbtX 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 ucbrrr reactor

university of california / los angeles

1993-11-10

USE ucla

university of california berkeley reactor

2000-04-12

USE ucbrrr 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

unnilennium

INIS: 1985-12-10; ETDE: 2002-05-11

USE meitnerium

unnihexium

INIS: 1985-12-10; ETDE: 2002-05-11

USE seaborgium

unniloctium

INIS: 1985-12-10; ETDE: 2002-05-11

USE hassium

unnipentium

INIS: 1985-12-10; ETDE: 2002-05-11

USE dubnium

unniquadium

INIS: 1985-12-10; ETDE: 2002-05-11

USE rutherfordium

unnileptium

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

UNSCLEAR

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 slovenskej 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 beloyarsk-1 reactor
SEE beloyarsk-2 reactor
SEE beloyarsk-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 guillemite
 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 guillemite
 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

uranopilite

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 hydantoins
 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.

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 lprr reactor

USE lprr 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
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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
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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
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NT2 economic regulatory administration
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NT3 sandia laboratories
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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
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NT2 battelle pacific northwest laboratories
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NT2 kansas city plant
NT2 kapl
NT2 laramie energy research center

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 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 chicago
 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 Vyuziti 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

VAALPUTS 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 parasymphomimetics

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, NorthRhein 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 crnl 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-ni26cr15ti2movalb
- 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-ni26cr15ti2movalb
- 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 tyuyamunite

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 varennas
**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 tiglium 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 saljut 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** lmfbr 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.

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 monocystals

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

versuchatomkraftwerk 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 vht 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 vcocld

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.

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

vlasov-maxwell equations

INIS: 2000-04-12; ETDE: 1995-09-22

USE boltzmann-vlasov 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 REACTORSouthern Nuclear Operating Co., Inc.,
Waynesboro, Georgia, USA.

*BT1 pwr type reactors

VOGTLE-2 REACTORSouthern Nuclear Operating Co., Inc.,
Waynesboro, Georgia, USA.

*BT1 pwr type reactors

VOGTLE-3 REACTORGeorgia Power Co., Waynesboro, Georgia,
USA. Canceled in 1974 before construction
began.

*BT1 pwr type reactors

VOGTLE-4 REACTORGeorgia 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 LMFBF 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 wrrr 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 relox 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 hydrophilic 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 lwr 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	fitzpatrick reactor	NT2	olkiluoto-2 reactor
NT2	kstr reactor	NT2	forsmark-1 reactor	NT2	onagawa-1 reactor
NT2	ncscr-1 reactor	NT2	forsmark-2 reactor	NT2	onagawa-2 reactor
NT2	nevada university reactor	NT2	forsmark-3 reactor	NT2	onagawa-3 reactor
NT2	prnc-l-77 reactor	NT2	fukushima-1 reactor	NT2	oyster creek-1 reactor
NT2	supo reactor	NT2	fukushima-2 reactor	NT2	pathfinder reactor
NT2	wrrr reactor	NT2	fukushima-3 reactor	NT2	peach bottom-2 reactor
NT1	argonaut type reactors	NT2	fukushima-4 reactor	NT2	peach bottom-3 reactor
NT2	aeg-pr-10 reactor	NT2	fukushima-5 reactor	NT2	perry-1 reactor
NT2	arbi reactor	NT2	fukushima-6 reactor	NT2	perry-2 reactor
NT2	argonaut reactor	NT2	fukushima-ii-1 reactor	NT2	philippsburg-1 reactor
NT2	argos reactor	NT2	fukushima-ii-2 reactor	NT2	phipps bend-1 reactor
NT2	athene reactor	NT2	fukushima-ii-3 reactor	NT2	phipps bend-2 reactor
NT2	jason reactor	NT2	fukushima-ii-4 reactor	NT2	pilgrim-1 reactor
NT2	lfr reactor	NT2	garigliano reactor	NT2	quad cities-1 reactor
NT2	moata reactor	NT2	garona reactor	NT2	quad cities-2 reactor
NT2	nestor reactor	NT2	ge standard reactor	NT2	ringhals-1 reactor
NT2	queen mary college utr-b reactor	NT2	graben-1 reactor	NT2	river bend-1 reactor
NT2	ra-1 reactor	NT2	graben-2 reactor	NT2	river bend-2 reactor
NT2	rb-2 reactor	NT2	grand gulf-1 reactor	NT2	rwe-bayernwerk reactor
NT2	rien-1 reactor	NT2	grand gulf-2 reactor	NT2	shika-1 reactor
NT2	srrc-utr-100 reactor	NT2	gundremmingen-2 reactor	NT2	shika-2 reactor
NT2	stark reactor	NT2	gundremmingen-3 reactor	NT2	shimane-1 reactor
NT2	strasbourg-cronenbourg reactor	NT2	hamaoka-1 reactor	NT2	shimane-2 reactor
NT2	ufr reactor	NT2	hamaoka-2 reactor	NT2	shimane-3 reactor
NT2	ulyse reactor	NT2	hamaoka-3 reactor	NT2	shoreham reactor
NT2	urr reactor	NT2	hamaoka-4 reactor	NT2	skagit-1 reactor
NT2	utr-10-kinki reactor	NT2	hamaoka-5 reactor	NT2	skagit-2 reactor
NT2	vpi-utr-10 reactor	NT2	hartsville-1 reactor	NT2	sl-1 reactor
NT1	astr reactor	NT2	hartsville-2 reactor	NT2	susquehanna-1 reactor
NT1	atr reactor	NT2	hartsville-3 reactor	NT2	susquehanna-2 reactor
NT1	atsr reactor	NT2	hartsville-4 reactor	NT2	tarapur-1 reactor
NT1	borax-1 reactor	NT2	hatch-1 reactor	NT2	tarapur-2 reactor
NT1	borax-2 reactor	NT2	hatch-2 reactor	NT2	tokai-2 reactor
NT1	borax-3 reactor	NT2	hdr reactor	NT2	tsuruga reactor
NT1	borax-4 reactor	NT2	higashidori-1 reactor	NT2	tullnerfeld reactor
NT1	borax-5 reactor	NT2	hope creek-1 reactor	NT2	vak reactor
NT1	br-02 reactor	NT2	hope creek-2 reactor	NT2	vbwr reactor
NT1	br-2 reactor	NT2	humboldt bay reactor	NT2	vermont yankee reactor
NT1	bwr type reactors	NT2	isar reactor	NT2	verplanck-1 reactor
NT2	allens creek-1 reactor	NT2	jpd-2 reactor	NT2	verplanck-2 reactor
NT2	allens creek-2 reactor	NT2	jpd reactor	NT2	vk-50 reactor
NT2	bailly-1 reactor	NT2	kaiseraugst reactor	NT2	wnp-2 reactor
NT2	barsebaeck-1 reactor	NT2	kashiwazaki-kariwa-1 reactor	NT2	wuergassen reactor
NT2	barsebaeck-2 reactor	NT2	kashiwazaki-kariwa-2 reactor	NT2	zimmer-1 reactor
NT2	barton-1 reactor	NT2	kashiwazaki-kariwa-3 reactor	NT2	zimmer-2 reactor
NT2	barton-2 reactor	NT2	kashiwazaki-kariwa-4 reactor	NT1	cius reactor
NT2	barton-3 reactor	NT2	kashiwazaki-kariwa-5 reactor	NT1	entc lwsr reactor
NT2	barton-4 reactor	NT2	kashiwazaki-kariwa-6 reactor	NT1	esada-vesr reactor
NT2	bell reactor	NT2	kashiwazaki-kariwa-7 reactor	NT1	etr reactor
NT2	big rock point reactor	NT2	kruemmel reactor	NT1	evsr reactor
NT2	black fox-1 reactor	NT2	kuosheng-1 reactor	NT1	ewa reactor
NT2	black fox-2 reactor	NT2	kuosheng-2 reactor	NT1	ewg-1 reactor
NT2	bolsa chica-1 reactor	NT2	la salle county-1 reactor	NT1	getr reactor
NT2	bolsa chica-2 reactor	NT2	la salle county-2 reactor	NT1	hclwr type reactors
NT2	bonus reactor	NT2	lacbwr reactor	NT1	hfetr reactor
NT2	browns ferry-1 reactor	NT2	laguna verde-1 reactor	NT1	hfir reactor
NT2	browns ferry-2 reactor	NT2	laguna verde-2 reactor	NT1	hfr reactor
NT2	browns ferry-3 reactor	NT2	leibstadt reactor	NT1	hwlwr type reactors
NT2	brunsbuettel reactor	NT2	limerick-1 reactor	NT2	cirene reactor
NT2	brunswick-1 reactor	NT2	limerick-2 reactor	NT2	gentilly-1 reactor
NT2	brunswick-2 reactor	NT2	lingen reactor	NT2	jatr reactor
NT2	chinshan-1 reactor	NT2	lungmen-1 reactor	NT1	igr reactor
NT2	chinshan-2 reactor	NT2	lungmen-2 reactor	NT1	iowa utr-10 reactor
NT2	clinton-1 reactor	NT2	mendocino-1 reactor	NT1	janus reactor
NT2	clinton-2 reactor	NT2	mendocino-2 reactor	NT1	jmtr reactor
NT2	cofrentes reactor	NT2	millstone-1 reactor	NT1	kamini reactor
NT2	cooper reactor	NT2	montague-1 reactor	NT1	kuhfr reactor
NT2	dodewaard reactor	NT2	montague-2 reactor	NT1	litr reactor
NT2	douglas point-1 reactor	NT2	montalto di castro-1 reactor	NT1	lwbr type reactors
NT2	douglas point-2 reactor	NT2	montalto di castro-2 reactor	NT1	lwgr type reactors
NT2	dresden-1 reactor	NT2	monticello reactor	NT2	aps reactor
NT2	dresden-2 reactor	NT2	muehleberg reactor	NT2	beloyarsk-1 reactor
NT2	dresden-3 reactor	NT2	nine mile point-1 reactor	NT2	beloyarsk-2 reactor
NT2	duane arnold-1 reactor	NT2	nine mile point-2 reactor	NT2	bilibin reactor
NT2	ebwr reactor	NT2	okg-1 reactor	NT2	chernobylsk-1 reactor
NT2	enel-4 reactor	NT2	okg-2 reactor	NT2	chernobylsk-2 reactor
NT2	enrico fermi-2 reactor	NT2	okg-3 reactor	NT2	chernobylsk-3 reactor
NT2	err reactor	NT2	olkiluoto-1 reactor	NT2	chernobylsk-4 reactor

NT2	ignalina-1 reactor	NT2	hanaro reactor	NT3	slowpoke-toronto reactor
NT2	ignalina-2 reactor	NT2	herald reactor	NT3	slowpoke-wmre reactor
NT2	kursk-1 reactor	NT2	hor reactor	NT2	spert-4 reactor
NT2	kursk-2 reactor	NT2	horace reactor	NT2	spr iae reactor
NT2	kursk-3 reactor	NT2	htr reactor	NT2	spr-300 reactor
NT2	kursk-4 reactor	NT2	ian-r1 reactor	NT2	stek reactor
NT2	leningrad-1 reactor	NT2	iear-1 reactor	NT2	stir reactor
NT2	leningrad-2 reactor	NT2	ihni-1 reactor	NT2	swierk r-2 reactor
NT2	leningrad-3 reactor	NT2	ir-100 reactor	NT2	thetis reactor
NT2	leningrad-4 reactor	NT2	irl reactor	NT2	thor reactor
NT2	n-reactor	NT2	irr-1 reactor	NT2	toshiba reactor
NT2	rpt reactor	NT2	irt-2000 djakarta reactor	NT2	tr-1 reactor
NT2	smolensk-1 reactor	NT2	irt-2000 moscow reactor	NT2	tr-2 reactor
NT2	smolensk-2 reactor	NT2	irt-c reactor	NT2	triton reactor
NT2	smolensk-3 reactor	NT2	irt-dprk reactor	NT2	trr-1 reactor
NT2	uwtr reactor	NT2	irt-f reactor	NT2	tz1 reactor
NT1	maple reactor	NT2	irt reactor	NT2	tz2 reactor
NT1	maple type reactors	NT2	irt-sofia reactor	NT2	uknr reactor
NT1	mir 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-clae 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	angra-1 reactor
NT1	nhr-5 reactor	NT2	lptr reactor	NT2	angra-2 reactor
NT1	nsrr reactor	NT2	lr-0 reactor	NT2	angra-3 reactor
NT1	ntr reactor	NT2	ltir reactor	NT2	arkansas-1 reactor
NT1	orphee 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	prt-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	etr-2 reactor	NT2	saphir reactor	NT2	bugey-3 reactor
NT2	fmr reactor	NT2	scarabee reactor	NT2	bugey-4 reactor
NT2	fnr reactor	NT2	siloe reactor	NT2	bugey-5 reactor
NT2	frg-1 reactor	NT2	silhouette reactor	NT2	bw standard reactor
NT2	frg-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	frn 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 carem 25 reactor
 NT2 catawba-1 reactor
 NT2 catawba-2 reactor
 NT2 cattenom-1 reactor
 NT2 cattenom-2 reactor
 NT2 cattenom-3 reactor
 NT2 cattenom-4 reactor
 NT2 ce standard reactor
 NT2 changjiang-1 reactor
 NT2 changjiang-2 reactor
 NT2 chasnupp-1 reactor
 NT2 chasnupp-2 reactor
 NT2 chasnupp-3 reactor
 NT2 cherokee-1 reactor
 NT2 cherokee-2 reactor
 NT2 cherokee-3 reactor
 NT2 chinon-b1 reactor
 NT2 chinon-b2 reactor
 NT2 chinon-b3 reactor
 NT2 chinon-b4 reactor
 NT2 chooz-a reactor
 NT2 chooz-b1 reactor
 NT2 chooz-b2 reactor
 NT2 civaux-1 reactor
 NT2 civaux-2 reactor
 NT2 comanche peak-1 reactor
 NT2 comanche peak-2 reactor
 NT2 connecticut yankee reactor
 NT2 cook-1 reactor
 NT2 cook-2 reactor
 NT2 cruas-1 reactor
 NT2 cruas-2 reactor
 NT2 cruas-3 reactor
 NT2 cruas-4 reactor
 NT2 crystal river-3 reactor
 NT2 crystal river-4 reactor
 NT2 dampierre-1 reactor
 NT2 dampierre-2 reactor
 NT2 dampierre-3 reactor
 NT2 dampierre-4 reactor
 NT2 davis besse-1 reactor
 NT2 davis besse-2 reactor
 NT2 davis besse-3 reactor
 NT2 daya bay-1 reactor
 NT2 daya bay-2 reactor
 NT2 diablo canyon-1 reactor
 NT2 diablo canyon-2 reactor
 NT2 doel-1 reactor
 NT2 doel-2 reactor
 NT2 doel-3 reactor
 NT2 doel-4 reactor
 NT2 efd-50 reactor
 NT2 emsland reactor
 NT2 erie-1 reactor
 NT2 erie-2 reactor
 NT2 fangchenggang-1 reactor
 NT2 fangchenggang-2 reactor
 NT2 fangjiashan-1 reactor
 NT2 fangjiashan-2 reactor
 NT2 farley-1 reactor
 NT2 farley-2 reactor
 NT2 fessenheim-1 reactor
 NT2 fessenheim-2 reactor
 NT2 flamanville-1 reactor
 NT2 flamanville-2 reactor
 NT2 flamanville-3 reactor
 NT2 forked river-1 reactor
 NT2 fuqing-1 reactor
 NT2 fuqing-2 reactor
 NT2 fuqing-3 reactor
 NT2 fuqing-4 reactor
 NT2 fuqing-5 reactor
 NT2 fuqing-6 reactor
 NT2 genkai-1 reactor
 NT2 genkai-2 reactor
 NT2 genkai-3 reactor
 NT2 genkai-4 reactor
 NT2 ginna-1 reactor
 NT2 goesgen reactor

NT2 golfech-1 reactor
 NT2 golfech-2 reactor
 NT2 grafenrheinfeld reactor
 NT2 gravelines-1 reactor
 NT2 gravelines-2 reactor
 NT2 gravelines-3 reactor
 NT2 gravelines-4 reactor
 NT2 gravelines-5 reactor
 NT2 gravelines-6 reactor
 NT2 greene county reactor
 NT2 greenwood-2 reactor
 NT2 greenwood-3 reactor
 NT2 grohnde reactor
 NT2 hamm-uentrop reactor
 NT2 hanbit-1 reactor
 NT2 hanbit-2 reactor
 NT2 hanbit-3 reactor
 NT2 hanbit-4 reactor
 NT2 hanbit-5 reactor
 NT2 hanbit-6 reactor
 NT2 harris-1 reactor
 NT2 harris-2 reactor
 NT2 harris-3 reactor
 NT2 harris-4 reactor
 NT2 haven-1 reactor
 NT3 koshkonong-1 reactor
 NT2 haven-2 reactor
 NT3 koshkonong-2 reactor
 NT2 hongyanhe-1 reactor
 NT2 hongyanhe-2 reactor
 NT2 hongyanhe-3 reactor
 NT2 hongyanhe-4 reactor
 NT2 ikata-2 reactor
 NT2 ikata-3 reactor
 NT2 ikata reactor
 NT2 indian point-1 reactor
 NT2 indian point-2 reactor
 NT2 indian point-3 reactor
 NT2 iran-1 reactor
 NT2 iran-2 reactor
 NT2 isar-2 reactor
 NT2 jamesport-1 reactor
 NT2 jamesport-2 reactor
 NT2 kewaunee reactor
 NT2 koeberg-1 reactor
 NT2 koeberg-2 reactor
 NT2 kori-1 reactor
 NT2 kori-2 reactor
 NT2 kori-3 reactor
 NT2 kori-4 reactor
 NT2 krsko reactor
 NT2 lemoniz-1 reactor
 NT2 lemoniz-2 reactor
 NT2 lenin reactor
 NT2 leonid brezhnev reactor
 NT2 lingao-1 reactor
 NT2 lingao-2 reactor
 NT2 lingao-3 reactor
 NT2 lingao-4 reactor
 NT2 loft 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 obriheim 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 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 wwcr 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
 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-0a reactor
 NT1 tca reactor
 NT1 triga type reactors
 NT2 afri 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 frn reactor
 NT2 gulf triga-mk-3 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 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 ncscr-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 srsc-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 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 gcre reactor
 NT1 getr reactor
 NT1 hclwr type reactors
 NT1 hfetr reactor
 NT1 hftr reactor
 NT1 hfr reactor
 NT1 igr reactor
 NT1 janus reactor

NT1 jmtr reactor
 NT1 juno reactor
 NT1 kamini reactor
 NT1 kuca reactor
 NT1 kuhfr reactor
 NT1 litr reactor
 NT1 lwbr type reactors
 NT1 lwor type reactors
 NT1 maple reactor
 NT1 maple type reactors
 NT1 mir reactor
 NT1 ml-1 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 mtr reactor
 NT1 mtr reactor
 NT1 murr reactor
 NT1 netr reactor
 NT1 nhr-5 reactor
 NT1 nsrr reactor
 NT1 ntr reactor
 NT1 nuclear furnace reactor
 NT1 orr reactor
 NT1 osiris reactor
 NT1 ovr reactor
 NT1 pbr reactor
 NT1 pegase reactor
 NT1 peggy reactor
 NT1 perryman-1 reactor
 NT1 perryman-2 reactor
 NT1 pool type reactors
 NT2 agata reactor
 NT2 apsara reactor
 NT2 armf-1 reactor
 NT2 astra reactor
 NT2 atrc reactor
 NT2 avogadro rs-1 reactor
 NT2 bam reactor
 NT2 bawtr reactor
 NT2 ber-2 reactor
 NT2 brr reactor
 NT2 bsr-1 reactor
 NT2 bsr-2 reactor
 NT2 cabri reactor
 NT2 carr reactor
 NT2 cmrr reactor
 NT2 consort-2 reactor
 NT2 cp-6 reactor
 NT2 crocus reactor
 NT2 democritus reactor
 NT2 dr-2 reactor
 NT2 etrc reactor
 NT2 etrr-2 reactor
 NT2 fmrb reactor
 NT2 fnr reactor
 NT2 frg-1 reactor
 NT2 frg-2 reactor
 NT2 frj-1 reactor
 NT2 frm-ii reactor
 NT2 frm reactor
 NT2 frm reactor
 NT2 ga siwabessy reactor
 NT2 gtr reactor
 NT2 gulf triga-mk-3 reactor
 NT2 hanaro reactor
 NT2 herald reactor
 NT2 hor reactor
 NT2 horace reactor
 NT2 htr reactor
 NT2 ian-r1 reactor
 NT2 iear-1 reactor

NT2 ihni-1 reactor
 NT2 ir-100 reactor
 NT2 irl reactor
 NT2 irr-1 reactor
 NT2 irt-2000 djakarta reactor
 NT2 irt-2000 moscow reactor
 NT2 irt-c reactor
 NT2 irt-dprk reactor
 NT2 irt-f reactor
 NT2 irt reactor
 NT2 irt-sofia reactor
 NT2 isis reactor
 NT2 ivv-2m reactor
 NT2 ivv-7 reactor
 NT2 jen-1 reactor
 NT2 jen-2 reactor
 NT2 jen reactor
 NT2 jrr-3m reactor
 NT2 jrr-4 reactor
 NT2 jrtr reactor
 NT2 jules horowitz reactor
 NT2 kur reactor
 NT2 la reina rech-1 reactor
 NT2 lido reactor
 NT2 lo aguirre rech-2 reactor
 NT2 lpr reactor
 NT2 lptr reactor
 NT2 lr-0 reactor
 NT2 ltir reactor
 NT2 maria reactor
 NT2 maryla reactor
 NT2 melusine-1 reactor
 NT2 merlin reactor
 NT2 minerve reactor
 NT2 mnr reactor
 NT2 nscr reactor
 NT2 nur reactor
 NT2 opal reactor
 NT2 osur reactor
 NT2 parr-1 reactor
 NT2 phebus reactor
 NT2 pik physical model reactor
 NT2 prpr reactor
 NT2 prr-1 reactor
 NT2 psbr reactor
 NT2 ptr reactor
 NT2 pulstar-buffalo reactor
 NT2 pulstar-raleigh reactor
 NT2 pur-1 reactor
 NT2 r2-0 reactor
 NT2 ra-10 reactor
 NT2 ra-6 reactor
 NT2 ra-8 reactor
 NT2 rana reactor
 NT2 rinsc reactor
 NT2 ritmo reactor
 NT2 rmb reactor
 NT2 rp-10 reactor
 NT2 rts-1 reactor
 NT2 rv-1 reactor
 NT2 saphir reactor
 NT2 scarabee reactor
 NT2 siloe reactor
 NT2 siloette 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-wnre reactor
 NT2 spert-4 reactor
 NT2 spr iae reactor
 NT2 sprr-300 reactor
 NT2 stek reactor
 NT2 stir reactor

NT2 swierk r-2 reactor
 NT2 thetis reactor
 NT2 thor reactor
 NT2 toshiba reactor
 NT2 tr-1 reactor
 NT2 tr-2 reactor
 NT2 triton reactor
 NT2 trr-1 reactor
 NT2 tz1 reactor
 NT2 tz2 reactor
 NT2 uknr reactor
 NT2 umne-1 reactor
 NT2 umrr reactor
 NT2 utr reactor
 NT2 uvar reactor
 NT2 uwnr reactor
 NT2 vr-1 reactor
 NT2 wpir reactor
 NT2 wsur reactor
 NT2 xapr reactor
 NT1 pumima-3 reactor
 NT1 pwr type reactors
 NT2 aguirre reactor
 NT2 almaraz-1 reactor
 NT2 almaraz-2 reactor
 NT2 angra-1 reactor
 NT2 angra-2 reactor
 NT2 angra-3 reactor
 NT2 arkansas-1 reactor
 NT2 arkansas-2 reactor
 NT2 asco-1 reactor
 NT2 asco-2 reactor
 NT2 atlantic-1 reactor
 NT2 atlantic-2 reactor
 NT2 basf-1 reactor
 NT2 basf-2 reactor
 NT2 beaver valley-1 reactor
 NT2 beaver valley-2 reactor
 NT2 bellefonte-1 reactor
 NT2 bellefonte-2 reactor
 NT2 belleville-1 reactor
 NT2 belleville-2 reactor
 NT2 beznau-1 reactor
 NT2 beznau-2 reactor
 NT2 biblis-1 reactor
 NT2 biblis-2 reactor
 NT2 biblis-3 reactor
 NT2 biblis-4 reactor
 NT2 blayais-1 reactor
 NT2 blayais-2 reactor
 NT2 blayais-3 reactor
 NT2 blayais-4 reactor
 NT2 blue hills-1 reactor
 NT2 blue hills-2 reactor
 NT2 borsele reactor
 NT2 br-3 reactor
 NT2 braidwood-1 reactor
 NT2 braidwood-2 reactor
 NT2 brokdorf reactor
 NT2 bugey-2 reactor
 NT2 bugey-3 reactor
 NT2 bugey-4 reactor
 NT2 bugey-5 reactor
 NT2 bw standard reactor
 NT2 byron-1 reactor
 NT2 byron-2 reactor
 NT2 calhoun-1 reactor
 NT2 calhoun-2 reactor
 NT2 callaway-1 reactor
 NT2 callaway-2 reactor
 NT2 calvert cliffs-1 reactor
 NT2 calvert cliffs-2 reactor
 NT2 carem 25 reactor
 NT2 catawba-1 reactor
 NT2 catawba-2 reactor
 NT2 cattenom-1 reactor
 NT2 cattenom-2 reactor
 NT2 cattenom-3 reactor
 NT2 cattenom-4 reactor

NT2 ce standard reactor
 NT2 changjiang-1 reactor
 NT2 changjiang-2 reactor
 NT2 chasnupp-1 reactor
 NT2 chasnupp-2 reactor
 NT2 chasnupp-3 reactor
 NT2 cherokee-1 reactor
 NT2 cherokee-2 reactor
 NT2 cherokee-3 reactor
 NT2 chinon-b1 reactor
 NT2 chinon-b2 reactor
 NT2 chinon-b3 reactor
 NT2 chinon-b4 reactor
 NT2 chooz-a reactor
 NT2 chooz-b1 reactor
 NT2 chooz-b2 reactor
 NT2 civaux-1 reactor
 NT2 civaux-2 reactor
 NT2 comanche peak-1 reactor
 NT2 comanche peak-2 reactor
 NT2 connecticut yankee reactor
 NT2 cook-1 reactor
 NT2 cook-2 reactor
 NT2 cruas-1 reactor
 NT2 cruas-2 reactor
 NT2 cruas-3 reactor
 NT2 cruas-4 reactor
 NT2 crystal river-3 reactor
 NT2 crystal river-4 reactor
 NT2 dampierre-1 reactor
 NT2 dampierre-2 reactor
 NT2 dampierre-3 reactor
 NT2 dampierre-4 reactor
 NT2 davis besse-1 reactor
 NT2 davis besse-2 reactor
 NT2 davis besse-3 reactor
 NT2 daya bay-1 reactor
 NT2 daya bay-2 reactor
 NT2 diablo canyon-1 reactor
 NT2 diablo canyon-2 reactor
 NT2 doel-1 reactor
 NT2 doel-2 reactor
 NT2 doel-3 reactor
 NT2 doel-4 reactor
 NT2 efd-50 reactor
 NT2 emsland reactor
 NT2 erie-1 reactor
 NT2 erie-2 reactor
 NT2 fangchenggang-1 reactor
 NT2 fangchenggang-2 reactor
 NT2 fangjiashan-3 reactor
 NT2 fangjiashan-2 reactor
 NT2 farley-1 reactor
 NT2 farley-2 reactor
 NT2 fessenheim-1 reactor
 NT2 fessenheim-2 reactor
 NT2 flamanville-1 reactor
 NT2 flamanville-2 reactor
 NT2 flamanville-3 reactor
 NT2 forked river-1 reactor
 NT2 fuqing-1 reactor
 NT2 fuqing-2 reactor
 NT2 fuqing-3 reactor
 NT2 fuqing-4 reactor
 NT2 fuqing-5 reactor
 NT2 fuqing-6 reactor
 NT2 genkai-1 reactor
 NT2 genkai-2 reactor
 NT2 genkai-3 reactor
 NT2 genkai-4 reactor
 NT2 ginna-1 reactor
 NT2 goesgen reactor
 NT2 golfech-1 reactor
 NT2 golfech-2 reactor
 NT2 grafenrheinfeld reactor
 NT2 gravelines-1 reactor
 NT2 gravelines-2 reactor
 NT2 gravelines-3 reactor
 NT2 gravelines-4 reactor

NT2 gravelines-5 reactor
 NT2 gravelines-6 reactor
 NT2 greene county reactor
 NT2 greenwood-2 reactor
 NT2 greenwood-3 reactor
 NT2 grohnde reactor
 NT2 hamm-uentrop reactor
 NT2 hanbit-1 reactor
 NT2 hanbit-2 reactor
 NT2 hanbit-3 reactor
 NT2 hanbit-4 reactor
 NT2 hanbit-5 reactor
 NT2 hanbit-6 reactor
 NT2 harris-1 reactor
 NT2 harris-2 reactor
 NT2 harris-3 reactor
 NT2 harris-4 reactor
 NT2 haven-1 reactor
 NT3 koshkonong-1 reactor
 NT2 haven-2 reactor
 NT3 koshkonong-2 reactor
 NT2 hongyanhe-1 reactor
 NT2 hongyanhe-2 reactor
 NT2 hongyanhe-3 reactor
 NT2 hongyanhe-4 reactor
 NT2 ikata-2 reactor
 NT2 ikata-3 reactor
 NT2 ikata reactor
 NT2 indian point-1 reactor
 NT2 indian point-2 reactor
 NT2 indian point-3 reactor
 NT2 iran-1 reactor
 NT2 iran-2 reactor
 NT2 isar-2 reactor
 NT2 jamesport-1 reactor
 NT2 jamesport-2 reactor
 NT2 kewaunee reactor
 NT2 koeberg-1 reactor
 NT2 koeberg-2 reactor
 NT2 kori-1 reactor
 NT2 kori-2 reactor
 NT2 kori-3 reactor
 NT2 kori-4 reactor
 NT2 krsko reactor
 NT2 lemoniz-1 reactor
 NT2 lemoniz-2 reactor
 NT2 lenin reactor
 NT2 leonid brezhnev reactor
 NT2 lingao-1 reactor
 NT2 lingao-2 reactor
 NT2 lingao-3 reactor
 NT2 lingao-4 reactor
 NT2 loft 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 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 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 wwr 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 mochove-1 reactor
 NT3 mochove-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 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 frn reactor
 NT2 gulf triga-mk-3 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 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-ypsilantis-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 feynberg-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 electroslog 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 gibbsar 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 atmospherics
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

WHOLESOMENESS

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

WIDMANSTAEETTEN 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

WINDEALL 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 I-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 mochovc-1 reactor

NT1 mochovc-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

WWR-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

WWR-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 WWR-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

WWR-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

WWR-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

WWR-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

WWR-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

WWR-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

WWR-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

WWR-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

WWR-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

WWR-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-2220 RESONANCES.)
 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 see 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
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 NT1 xenon 127
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 NT1 xenon 131
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 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-1930 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
- NT1 ytterbium 156
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- NT1 ytterbium 166
- NT1 ytterbium 167
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- 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.

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

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 isotoopen- 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

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-0f 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 agn-201k reactor

NT1 agata 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 hwpzr 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 pumima-2 reactor

NT1 pumima 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 rensselaer 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-0a 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