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MASTER

SUBJECT HEADINGS

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Subject Headings Used by the USAEC Division of Technical Information

Fourth Revised Edition

INTRODUCTION

These subject headings reflect terminology associated with nuclear science and technology and constitute the authority used by the Division of Technical Information, USAEC, in the preparation of subject indexes to *Nuclear Science Abstracts*. These headings are also used by other organizations that catalog and index information in the nuclear science field.

This publication contains all main headings and see-reference entries that have been approved for use in the subject indexes to *Nuclear Science Abstracts*, and associated cross-reference information to these headings. Included in the appendixes are the geographic subject headings and lists of elements, isotope synonyms, and uranium deposit classifications.

The following publication changes have been made: The section *Instructions to Subject Catalogers* has been omitted; information on subject-indexing practices is included in TID-4576, *Guide to Abstracting and Indexing for Nuclear Science Abstracts*. The appendix listing the standardized subheadings has been omitted. The listings of coded fluoroorganic compounds and radiation detection instruments have been incorporated in the main listing.

PATTERNS AND STYLE

Main Headings Main headings are subject headings to which information can be indexed; the main headings are ordinarily materials, things, and processes. Cross references have been posted between applicable headings, and explanatory information is provided where needed.

See-reference Entries. See-reference entries are subject headings to which information cannot be indexed; these entries have been included for synonymous terms, code names, etc. Inverted heading entries have been provided for the multicomponent systems headings (e.g., Uranium-Aluminum Alloys, *see Aluminum-Uranium Alloys*.) The typography has been chosen to make a clear distinction between the main headings and the see-reference entries

The usual "refer from" (x) and "refer also from" (xx) references have been posted with the applicable main headings except for inverted-heading see-reference entries.

TERMINOLOGY

The terminology used for the headings and the patterns used in this list have been developed in cooperation with both scientific and library personnel from the various laboratories, plants, and AEC offices. Thus, the subject-heading needs for filters, classical metallurgy, liquid metals, ceramics, raw materials, reactors, waste disposal, and various separation processes were worked out in meetings with qualified specialists before being accepted. One benefit of this cooperative approach is the determination of terminology in new subject fields in which an acceptable word usage has not yet developed. Another benefit has been the initial establishment of headings which may appear to be too specific for current use or which have not yet been discussed in the literature, but for which there will be need in the future. This helps avoid reindexing as literature on the subject develops.

The chemical nomenclature used in this subject heading list is based on that used in the indexes to *Chemical Abstracts*. Headings for most organic compounds are found in an inverted form following the parent compound. Headings for specific organic compounds are entered in the singular form to distinguish them from the class of compounds of the same name entered in the plural, e.g., Phenol for the specific compound and Phenols for the derivatives. Salts of common organic acids are named as if they were inorganic, e.g., the uranyl salts of oxalic acid are listed as Uranyl Oxalates. The salts of uncommon organic acids, however, are named in the form Acetic Acid, Mercapto-, Ammonium Salts. The same form is used for esters and other derivatives.

All inorganic compounds are entered in the plural form to accommodate those cases where this plurality is necessary for grouping such variants as sub- and superoxides and anhydrous and solvated materials. In the naming of inorganic compounds, the electropositive part of the name precedes the electronegative part. The following additional rules have been used in the assignment of main headings for inorganic compounds:

A Simple Cations

- 1 If metal cations are of the same valence, they are arranged in alphabetical order as spelled.
- 2 If metal cations are of differing valences, the cation of lower valence is given first.

Arcs
 see Carbon Arcs
 see Dielectric Breakdown
ARE
 see Aircraft Reactor Experiment
Argentates
 see also Cyanoargentates
 xx Silver Compounds
Argon
 see also Rare Gases
Argon-Helium Systems

3. The ammonium ion, $(\text{NH}_4)^+$, is treated like a simple cation, except that it is placed after all other monovalent cations.

Examples:

NaKSO_4	potassium sodium sulfates
NaNH_4SO_4	sodium ammonium sulfates
$\text{NaAl}(\text{SO}_4)_2$	sodium aluminum sulfates
$\text{NH}_4\text{Al}(\text{SO}_4)_2$	ammonium aluminum sulfates

B Radical Cations (Except $(\text{NH}_4)^+$)

1. When both simple and radical cations are present, the radicals follow the metals, regardless of valence.
2. When several radical cations are present, radicals are treated the same way as metals with respect to order by valence and alphabetic arrangement.

Examples:

$\text{Na}(\text{UO}_2)(\text{NO}_3)_3$	sodium uranyl nitrates
$\text{NH}_4(\text{UO}_2)(\text{PO}_4)$	ammonium uranyl phosphates
$\text{NaMg}(\text{UO}_2)_3(\text{OAc})_3$	sodium magnesium uranyl acetates
$(\text{UO}_2)(\text{ZrO})\text{Cl}_4$	uranyl zirconyl chlorides

Physics nomenclature is based generally on that used in *Physical Review*; however, in many cases it has been necessary to use another nomenclature since reports are often cataloged prior to the discussion of their subjects in the open literature. In the reactor physics field, the nomenclature of AEC literature has almost always been accepted, with informal names being used in many cases because of the need to establish headings before the completion of a program. In such cases, cross references have been inserted for the user's convenience.

Biological nomenclature is based on that used by *Biological Abstracts* and *Index Medicus*. These authorities, however, have always been considered secondary to *Chemical Abstracts* whenever chemical compounds are discussed, since the extensive use of "coded" names, such as BAL or ACTH, is confusing to users who are not accustomed to such shorthand nomenclature.

Metallurgical, engineering, and geological terminology has been obtained in a similar manner. One or more of the outstanding sources of information have been used as the authority for nomenclature in each of the fields of study.

The exploratory geology headings are used for indexing reports on geological exploration and prospecting, and consist of headings for mines, sites, claims, political areas, physiographic units, and other geological subdivisions. Their use is more fully discussed in Appendix B.

ARRANGEMENT

Headings in this list are arranged according to the widely accepted word-by-word alphabetic system. In accordance with this system, each complete word of each heading is considered in turn, and all headings beginning with a given combination of letters as the first complete word in the heading precede any heading beginning with the same combination of letters as only part of the first word. In this respect, syllables set off by hyphens, as in organic compounds, are considered as separate words. Under

this system the term New York would be filed ahead of the term Newark. Headings which contain proper names beginning with the prefix Mc are considered to be spelled Mac and are interfiled with terms beginning with those letters.

Main headings may include modifiers of several types; parenthetical modifiers such as (Liquid) which qualify by condition; (Colo.) which qualify by location; (Electronics) which qualify by field of interest; Arabic numerals and Greek letters which are used as position indicators in organic names; and Roman numerals which are used in inorganic names to indicate valency. These modifiers are given secondary consideration for filing purposes. They are to be ignored except in the presence of the same term without modification, in which case the modified term follows immediately after the unmodified term. In the presence of terms which are identical except for the modifiers, the modifiers determine the order. In the cases above, numerals are filed in numerical order, not as spelled. Greek letters are filed as if spelled out in English. Numerical modifiers precede word modifiers, and Greek letter modifiers are interfiled with word modifiers. In the case of proper names beginning with numerals, e.g., 23 Process and 3-Way Claim, the heading is filed as if spelled out.

Examples:

M-Capture
 see Electron Capture
 "M" Development
 see Calstrons—Source Units
 Magnesium
 Magnesium (Liquid)
 Magnesium Alloys
 Manganese Fluoride Crystals
 Manganese Fluorides
 Manganese(II) Fluorides
 Mesons
 Mesons (μ)
 Mesons (π)
 Mesons (τ)
 1-Pentanol
 see Amyl Alcohol
 3-Pentanol, 2,4-Dimethyl-
 2-Pentanol, 2-Methyl-
 2-Pentanol, 4-Methyl-

SUBJECT-HEADING CHANGES

The subject-heading changes and additions that have occurred since issuance of the third revised edition have been incorporated in this list; however, occasional differences between headings found in recent *Nuclear Science Abstracts* subject indexes and in this list result from changes and additions since this revision was completed. The following changes in subject-heading patterns are noted: The use of parenthetical modifiers with multi-component systems to indicate physical state, e.g., (Liquid), and the use of the parenthetical modifier (Labeled) with chemical compounds have been discontinued. The unmodified main headings will be used as index points for this information.

Suggestions for the improvement of this publication are encouraged. Comments should be sent to the Cataloging Branch, Division of Technical Information Extension, U. S. Atomic Energy Commission, P. O. Box 62, Oak Ridge, Tennessee.

A

A-1 Reactor

see Food Irradiation Facilities

A1W

see Carrier Vessel Reactor

AZW

see Carrier Vessel Reactor

A3W

see Carrier Vessel Reactor

Abdomen

Abernathyites

xx Uranium Minerals

Ablation

see Heat Transfer

Abrasion

see also Erosion

Grinding

Polishing

Wear

xx Friction

Abrasive Wheels

see Grinding Wheels

Abrasives

(*See also specific abrasive materials*)

Absorption

see also Adsorption

Pulmonary Absorption

Sorption

xx Adsorption

Desorption

Sorption

Absorption Cross Sections

see Electron Capture Cross Sections

Gamma Absorption Cross Sections

Neutron Capture Cross Sections

Proton Capture Cross Sections

X-Ray Absorption Cross Sections

Absorption Spectra

xx Spectra

Absorubin-S

Abstracts

Acceleration Integrators

see Accelerometers

Accelerator Targets

see Materials Testing Accelerator Targets

Radiation Targets

Accelerator Tubes

xx Power Supplies

Accelerators

see also Betatrons

Calutrons

Cockcroft-Walton Accelerators

Cyclorator

Cyclotrons

Electrostatic Generators

FFAG Accelerators

Kevatrons

Linear Accelerators

Materials Testing Accelerators

Synchrocyclotrons

Synchrotrons

Trochotrons

Van De Graaff Accelerators

x Particle Accelerators

Shims

xx Ion Beams

Radiation

Accelerometers

x Acceleration Integrators

Accident Reports

see Safety

Accidents

see Disasters

Accounting

see also SF Materials Accounting

Accumulators

see Storage Batteries

Acenaphthene

Acenaphthenols

Acenaphthylene

Acetaldehyde

Acetaldehyde, Chloro-

Acetaldehyde, Dichloro-

Acetaldehyde, Tribromo-

see Bromal

Acetaldehyde, Trichloro-

see Chloral

Acetals

x Formals

Acetamide

Acetamide, N-Benzyl-

Acetamide, α -Bromo-

Acetamide, N,N-Dibutyl-

Acetamide, N,N-Dimethyl-

Acetamide, N-Fluorenyl-

Acetamide, Iodo-

Acetamide, N-Methyl-

Acetanilide

Acetanilide, Chloro-

Acetate Complexes

see also Uranyl Acetate Complexes

Acetate Separation Process

xx Separation Processes

Sodium Uranyl Acetates

Uranyl Acetates

Acetates

(*Specific esters of acetic acid are indexed in the form Acetic Acid, Butyl Ester with the exception of Ethyl Acetate See also acetates of specific elements*)

see also Cellulose Acetates

Neptunyl Acetates

Oxyacetates

Phenylmercuric Acetates

Plutonyl Acetates

Rare Earth Acetates

(Continued)

see also Uranyl Acetates

Acetates, Fluoro-

Acetates, Trifluoro- Acetic Acid

Acetic Acid, Acetamido-

see Acetic Acid

Acetic Acid, Aceto-

see Acetoacetic Acid

Acetic Acid, Allyl Esters

x Allyl Acetate

Acetic Acid, Amino-

see Glycine

Acetic Acid-Ammonium Acetate Systems

Acetic Acid, Amyl Ester

x Amyl Acetates

Acetic Acid-Benzene, Nitro--Water Systems

Acetic Acid, Benzyl Ester

x Benzyl Acetates

Acetic Acid, Bis(4-Hydroxycoumarinyl)-

Acetic Acid, Bis(4-Hydroxycoumarinyl)-, Ethyl Ester

Acetic Acid, Bromo-

Acetic Acid, Bromo-, Ethyl Ester

Acetic Acid, Bromo-, Sodium Salts

x Sodium Bromoacetates

Acetic Acid, Butyl Ester

x Butyl Acetate

Butyl Ethanoate

xx Acetates

Acetic Acid-Carbon Tetrachloride-Water Systems

Acetic Acid, [(Carboxymethylimino)Bis(Ethylenenitrilo)]

Tetra-

x Diethylenetriaminepentaacetic Acid

Acetic Acid, Chloro-

Acetic Acid, Chloro-, Alkyl Esters

Acetic Acid, Chloro-, Derivatives

Acetic Acid, Chloro-, Ethyl Ester

Acetic Acid, 4-Chloro-2-Iodophenoxy-

Acetic Acid, Chloro-, Methyl Ester

Acetic Acid, Chloro-, Sodium Salts

x Sodium Chloroacetates

Acetic Acid, Chlorocresoxy-

Acetic Acid-Chloroform-Water Systems

Acetic Acid, Chlorophenoxy-

Acetic Acid, (1,2-Cyclohexylenedinitrilo)Tetra-

x 1,2-Diaminocyclohexanetetraacetic Acid

Acetic Acid, Diazo-, Ethyl Ester

Acetic Acid, Dichloro-

Acetic Acid, 2,4-Dichlorophenoxy-

x 2,4-D

Acetic Acid, Dihydroxy-

see Glyoxylic Acid

Acetic Acid, Dodecyl Benzyl(Diethylenetriamine) Tetra-

Acetic Acid, Ethyl Ester

see Ethyl Acetate

Acetic Acid, (Ethylenediamine)Tetra-

x Acetic Acid, (Ethylenedinitrilo)Tetra-

Complexone(III)

EDTA

Ethylenediaminetetraacetic Acid

Versene Acid

Acetic Acid, (Ethylenediamine)Tetra-, Calcium Salts

xx Calcium Salts

Acetic Acid, (Ethylenediamine)Tetra- Complexes

x Complexes

Acetic Acid, (Ethylenediamine)Tetra-, Nickel Salts

xx Nickel Salts

Acetic Acid, (Ethylenediamine)Tetra-, Rare Earth Salts

xx Rare Earth Salts

Acetic Acid, (Ethylenediamine)Tetra-, Sodium Salts

x Versene

xx Sodium Salts

Acetic Acid, (Ethylenedinitrilo)Tetra-

see Acetic Acid, (Ethylenediamine)Tetra-

Acetic Acid, Ethylmercapto- Chelates

xx Chelates

Acetic Acid, Fluoro-

Acetic Acid, Fluoro-, Fluoroethyl Ester

Acetic Acid, Fluoro-, Methyl Ester

Acetic Acid, Fluoro-, Silicon Salts

xx Silicon Salts

Acetic Acid, Fluoro-, Sodium Salts

xx Sodium Salts

Acetic Acid, Hydroxy-

see Glycolic Acid

Acetic Acid, (N-Hydroxyethylethylenediamine) Tri-

x HEDTA

Acetic Acid, (N-Hydroxyethylethylenediamine) Tri- Complexes

x Complexes

Acetic Acid, Iminodi-

Acetic Acid, Iodo-

Acetic Acid, Iodo, Ethyl Ester

Acetic Acid, Isopentyl Ester

Acetic Acid, Isopropenyl Ester

Acetic Acid, Isopropyl Ester

Acetic Acid-Isopropyl Ether-Water Systems

Acetic Acid, Mercapto-

Acetic Acid, Mercapto-, Ammonium Salts

x Ammonium Thioglycolate

xx Ammonium Salts

Acetic Acid, Mercapto- Chelates

xx Chelates

Acetic Acid, Mercapto- Complexes

x Complexes

Thioglycolate Complexes

Acetic Acid, Mercapto-, Sodium Salts

xx Sodium Salts

Acetic Acid, 2-Methoxyphenoxy-

x Cresoxyacetic Acid

Acetic Acid, Methyl Ester

x Methyl Acetate

Acetic Acid, Nitrilotri-

x Complexone (I)

Acetic Acid, Nitrilotri- Complexes

x Complexes

Acetic Acid, Nitrilotri-, Sodium Salts

x Sodium Nitrilotriacetates

Acetic Acid, Oxybis(Ethylenenitrilo) Tetra-

x BAETA

Acetic Acid-2-Pentanone, 4-Methyl--Water Systems

Acetic Acid, Phenyl-

Acetic Acid, Propyl Ester

Acetic Acid-Toluene-Water Systems

Acetic Acid, Trichloro-

Acetic Acid, 2,4,5-Trichlorophenoxy-

Acetic Acid, (Triethylenetetraamine)Hexa-

x Triethylenetetraaminehexaacetic Acid

Acetic Acid, Trifluoro-

Acetic Acid, Trifluoro-, Lanthanum Salts

x Lanthanum Trifluoroacetates

Acetic Acid, Trifluoro-, Neodymium Salts

x Neodymium Trifluoroacetates

Acetic Acid, Trifluoro-, Silver Salts

x Silver Trifluoroacetates

Acetic Acid, Trifluoro-, Sodium Salts

x Sodium Trifluoroacetates

Acetic Acid, Trifluorothiol-, Ethyl Esters

xx Esters

Acetic Acid, Triphenyl-

Acetic Acid, Triphenylethyl Ester

xx Esters

Acetic Acid, Vinyl-

see 3-Butenoic Acid

Acetic Acid, Vinyl Ester

Acetic Acid, Vinyl Ester Polymers

xx Polymers

Acetic Acid—Water Systems**Acetic Anhydride**

xx Anhydrides

Acetoacetic Acid

x Acetic Acid, Aceto-

Acetoacetic Acid, Thio-, Ethyl Ester**Acetoin**

see 2-Butanone, 3-Hydroxy-

Acetonates

see Acetylacetonates

*Cobalt(II) Nitrate Acetonates***Acetone****Acetone, Acetyl-**

see 2,4-Pentanedione

Acetone—Chloroform Systems**Acetone—Ethane, 1,1,2-Trichloro— Water Systems****Acetone, Hexafluoro-****Acetone, (2-Selenoyl)-****Acetone, Thenoyltrifluoro-**

x 1,3-Butanedione, 4,4,4-Trifluoro-1-(2-Thienyl)-

Thenoyltrifluoroacetone

TTA

Acetone, Thenoyltrifluoro— Benzene, sec-Butyl—**Nitric Acid Systems****Acetone, Thenoyltrifluoro— Benzene—Dysprosium Systems****Acetone, Thenoyltrifluoro— Benzene Systems****Acetone, Thenoyltrifluoro— Butyl Phosphate—****Kerosene Systems****Acetone, Thenoyltrifluoro- Chelates**

xx Chelates

Acetone—Water Systems**Acetones, Halo-****Acetonitrile****Acetonitrile, Bromophenyl-**x Benzyl Cyanide Bromo-
Cyanide, Bromobenzyl**Acetonitrile, Hydroxy-****Acetonitrile, Trifluoro-**

x Trifluoromethyl Cyanide

Acetophenone, Chloro-**Acetophenone, α,α -Diphenyl-**

x Ethanone, Triphenyl-

Acetophenone, Eploxybenzal-**Acetophenone, Fluoro-****Acetophenones****Acetophenones, α -(Pyridyl)-**

x Pyridine, Phenacyl-

Acetoxyacetic Acid, Ethyl Ester**Aceturic Acid**

x Glycine, N-Acetyl-

Acetyl Chloride**Acetyl Chloride, Diphenyl-****Acetyl Iodide, Trifluoro-****Acetyl Peroxide, Halo-****Acetyl Peroxide, Trichloro-****Acetylacetonates**

see also Cerium Acetylacetonates

*Dysprosium Acetylacetonates**Gadolinium Acetylacetonates**Holmium Acetylacetonates**Indium Acetylacetonates**2,4-Pentanedione Complexes**Plutonium Acetylacetonates**Polonium Acetylacetonates**Praseodymium Acetylacetonates**Terbium Acetylacetonates**Thorium Acetylacetonates**Thulium Acetylacetonates**Uranium Acetylacetonates**Uranyl Acetylacetonates**Vanadium Acetylacetonates**Yttrium Acetylacetonates**Zirconium Acetylacetonates*

xx 2,4-Pentanedione Complexes

Acetylacetone

see 2,4-Pentanedione

Acetylene**Acetylene, Bromo-****Acetylene, Chloro-****Acetylene, Diphenyl-****Acetylene, Diphenyl- Crystals**

x Tolan Crystals

Acetylene, Ethyl-

see 1-Butyne

Acetylene, Iodo-**Acetylene, Methyl-**

see Propyne

Acetylene—Oxygen Systems**Acetylene, Phenyl-**

see Benzene, Ethynyl-

Acetylene, Vinyl-

see Butenyne

Acetylenedicarbonitrile

x Carbon Subnitride

Acetylenedicarboxylic Acid**Acetylenic Grignard Reagents**

see Grignard Reagents

Acetylformic Acid

see Pyruvic Acid

Acetylides

see also Carbides

*Copper Acetylides***Acetylsalicylic Acid****Achlorohydra****Acid Arsenates**

see Uranyl Acid Arsenates

Acid Carbonates

see Sodium Acid Carbonates

Acid Fluoride Ions

x Bifluoride Ions

Hydrogen Fluoride Ions

xx Fluoride Ions

Acid Fluorides

see Ammonium Acid Fluorides

*Cesium Acid Fluorides**Fluorides**Lithium Acid Fluorides**Potassium Acid Fluorides**Rubidium Acid Fluorides**Sodium Acid Fluorides**Thallium Acid Fluorides***Acid Leach Solutions**

see Uranium Leach Solutions (Acid)

Acid Phosphates

see Ammonium Acid Phosphates

*Barium Acid Phosphates**Cesium Acid Phosphates**Lead Acid Phosphates**Lithium Acid Phosphates**Phosphates**Sodium Acid Phosphates**Uranium Acid Phosphates**Uranyl Acid Phosphates***Acid Sulfates**

see Ammonium Acid Sulfates

*Graphite Acid Sulfates**Sodium Acid Sulfates***Acid Sulfites**

see Sodium Acid Sulfites

Acid Systems

see also Boric Acid Systems

(Continued)

see also Hydrochloric Acid Systems
Hydrofluoric Acid Systems
Nitric Acid Systems
Oxalic Acid Systems
Phosphoric Acid Systems
Sulfuric Acid Systems

xx Acids

Acids

(Limited to general or over-all reports on inorganic or unidentified acids)

see also Acid Systems

Bile Acids
Boric Acid
Boronic Acids
Carbonic Acids
Ceric Acid
Chromic Acid
Creatinephosphoric Acid
Fatty Acids
Fluorophosphoric Acid
Fluoplatinic Acid
Fluosilicic Acid
Heteropoly Acids
Humic Acids
Hydriodic Acid
Hydrobromic Acid
Hydrochloric Acid
Hydrocyanic Acid
Hydrofluoric Acid
Hypophosphorous Acid
Iodic Acid
Metaboric Acids
Nitric Acid
Nitrosyl Sulfuric Acid
Nitrous Acid
Nucleic Acids
Organic Acids
Perchloric Acid
Periodic Acid
Perrhenic Acid
Pertechnetic Acid
Phosphoric Acid
Phosphorous Acid
Phosphorus Acids
Selenious Acid
Silicic Acids
Silicomolybdic Acids
Sulfuric Acid
Sulfurous Acid
Thiocyanic Acid
Tungstic Acid
Vanadic Acids

x Compounds

ACME-I

see Critical Assemblies

Acoustics

see Noise
Sound

ACRE-I

see Army Compact Reactor Experiments

ACRE-II

see Army Compact Reactor Experiments

Acridines

Acridine

x Trypaflavine

Acrylamide

Acrylic Acid, Alkali Metal Salts

x Alkali Metal Acrylates

Acrylic Acid, Alkyl Ester Polymers

xx Polymers

Acrylic Acid, Butyl Ester

x Butyl Acrylate

Acrylic Acid, 1,1-Dihydroperfluoroalkyl Esters

Acrylic Acid, 2,2-Dinitropropyl Esters

Acrylic Acid Esters

xx Esters

Acrylic Acid, Ethyl Ester

x Ethyl Acrylate

Acrylic Acid, Ethyl Ester Polymers

xx Polymers

Acrylic Acid, Methyl Ester

x Methyl Acrylate

Acrylic Acid, Methyl Ester Polymers

xx Polymers

Acrylic Acid Polymers

xx Polymers

Acrylonitrile Polymers

xx Polymers

Acrylonitriles

Acrylophenone, β -Hydroxy- α -Phenyl-

Acrylyl Chloride, Trichloro-

ACTH

see Adrenocorticotrophic Hormone

Actinic Radiations

x Solar Radiation

xx Radiation
 Thermal Radiation

Actinide Chlorides

xx Chlorides

Actinide Compounds

x Compounds

Actinide Oxides

xx Oxides

Actinide Oxychlorides

xx Oxychlorides

Actinide Sulfides

xx Sulfides

Actinides

see also Americium

Berkelium
Californium
Curium
Einsteinium
Element One Hundred and Three
Fermium
Mendelevium
Neptunium
Nobelium
Plutonium
Protactinium
Rare Earths
Thorium
Transplutonic Elements
Transuranic Elements
Uranium

xx Elements

Rare Earths

Actinium

see also Actinides

xx Actinides

Actinium-Beryllium Alloys

Actinium Complexes

Actinium Compounds

Actinium Fluorides

Actinium Hydrides

Actinium Isotopes

Actinium Isotopes (AcA)

see Polonium Isotopes Po²¹³

Actinium Isotopes (AcB)

see Lead Isotopes Pb²¹¹

Actinium Isotopes (AcC)

see Bismuth Isotopes Bi²¹¹

Actinium Isotopes (AcC')

see Polonium Isotopes Po²¹¹

- Actinium Isotopes (AcC'')**
see *Thallium Isotopes Tl²⁰⁷*
- Actinium Isotopes (AcD)**
see *Lead Isotopes Pb²⁰⁷*
- Actinium Isotopes (AcK)**
see *Francium Isotopes Fr²²³*
- Actinium Isotopes (AcU)**
see *Uranium Isotopes U²³⁸*
- Actinium Isotopes (AcX)**
see *Radium Isotopes Ra²²³*
- Actinium Isotopes (RdAc)**
see *Thorium Isotopes Th²³²*
- Actinium Isotopes Ac²²²**
- Actinium Isotopes Ac²²³**
- Actinium Isotopes Ac²²⁴**
- Actinium Isotopes Ac²²⁵**
- Actinium Isotopes Ac²²⁶**
- Actinium Isotopes Ac²²⁷**
- Actinium Isotopes Ac²²⁸**
 x Thorium Isotopes (MsTh₂)
- Actinium Isotopes Ac²²⁹**
- Actinium Isotopes Ac²³⁰**
- Actinium Oxyfluorides**
 xx Oxyfluorides
- Actinon**
see *Raden Isotopes Rn²¹⁹*
- Activated Carbon**
see *Carbon (Activated)*
- Activation Analysis**
see also *Radiometric Analysis*
 xx Analysis
- Activation Cross Sections**
see *Neutron Activation Cross Sections*
- Activation of Targets**
see *Radiation Targets*
- Activity**
see *Phosphatase Activity*
Radioactivity
Surface Activity
- Activity Coefficients**
 xx Constants and Conversion Factors
- Adam Reactor**
see *Swedish Reactors (R-3)*
- Adamantane**
- Adamsite**
see *Phenarsazine, 10-Chloro-5,10-Dihydro-*
- Addition Compounds**
see also *Alkene Addition Compounds*
Bromide Addition Compounds
Chloride Addition Compounds
Fluoride Addition Compounds
 x Compounds
- Adenine**
 x Purine 6-Amino-
- Adenine (Labeled)**
- Adenosine**
(Adenine Riboside)
 xx Nucleosides
- Adenosine, Deoxy-**
 xx Nucleosides
- Adenosine, Ethylthio-**
- Adenosine, Methylthio-**
- Adenosine Phosphosulfates**
- Adenosine Triphosphatase**
see *Adenylpyrophosphatase*
- Adenosine Triphosphate (ATP)**
see *Adenosinephosphoric Acids*
- Adenosinephosphoric Acid, Mono-**
see *Adenosinephosphoric Acids*
- Adenosinephosphoric Acid, Tri-**
see *Adenosinephosphoric Acids*
- Adenosinephosphoric Acids**
 x Adenosine Triphosphate
 Adenosinephosphoric Acid, Mono-
 Adenosinephosphoric Acid, Tri-
 Adenylic Acid
 Adenylpyrophosphoric Acid
 ATP
- Adenosinepyrophosphates**
 Adenylic Acid
see *Adenosinephosphoric Acids*
- Adenylpyrophosphatase**
 x Adenosine Triphosphatase
- Adenylpyrophosphates**
 Adenylpyrophosphoric Acid
see *Adenosinephosphoric Acids*
- ADFR**
see *Armour Dust Fueled Reactor*
- Adhesion**
see also *Cohesion*
 xx Cementation
 Cohesion
- Adhesives**
see also *Binders*
 xx Binders
 Cements
 Resins
- Adipates**
(See as salts of adipic acid in the form Adipic Acid, Barium Salts.)
- Adipic Acid, Amino-**
- Adipic Acid, Barium Salts**
 x Adipates
 xx Barium Salts
- Adrenal Glands**
 x Cortex
 xx Glands
- Adrenal Hormones**
see also *Adrenaline*
Corticosteroids
Corticosterones
Cortisone
 xx Hormones
- Adrenaline**
 x Epinephrine
- Adrenergic Blocking Drugs**
 xx Drugs
- Adrenochrome**
- Adrenocorticotrophic Hormone**
 x ACTH
 xx Hormones
- Adsorbed Films**
 xx Films
- Adsorbents**
see also *Bauxite*
Carbon
Charcoal
Clays
Filter Materials
Silicon Oxides
- Adsorption**
see also *Absorption*
Heat of Adsorption
Sorption
 xx Absorption
 Desorption
 Ion Exchange
 Sorption
- Adsorption Separation Processes**
see also *Ion Exchange Processes*
 x Processes
 xx Ion Exchange Processes
 Separation Processes
- ADU (Ammonium Diuranates)**
see *Ammonium Uranates*

Advanced Critical Experiment (S1C)*see Submarine Reactors (S1C)***Advanced Engineering Test Reactor**

x AETR (Inter Nuclear)

xx Research Reactors

Advanced Epithermal Thorium Reactor

x AETR (North American)

xx Beryllium Moderated Reactors

Gas Cooled Reactors

Graphite Moderated Reactors

Liquid Metal Cooled Reactors

Power Breeder Reactors

Advanced Gas Cooled Reactor (British)*see Windscale Advanced Gas Cooled Reactor***Advanced Submarine Fleet Reactors***see Submarine Reactors (SSW)***Advanced Test Reactor***(National Reactor Testing Station)*

x ATR

Engineering Test Reactor-II

ETR-II

xx Research Reactors

Water Cooled Reactors

Advanced Test Reactor (ATR)*see Submarine Advanced Reactor***AE-6 Reactor***see Water Boiler Neutron Sources***Aerial Monitoring***see Aerial Surveying***Aerial Photography***see Photography***Aerial Prospecting***see Aerial Surveying***Aerial Surveying**

x Aerial Monitoring

Aerial Prospecting

xx Prospecting

Radiation Monitoring

Surveying

Aerodynamics*see also Boundary Layer**Fluid Flow**Gas Flow**Supersonic Flow***Aerosol Generators***see also Smoke Generators*

xx Atomization

Generators

Smoke Generators

Aerosols*see also Atomization**Colloids**Dust Hazards**Fog**Particles**Powders**Smokes*

xx Colloids

Disperse Systems

Dusts

Particles

AET*see Pseudourea, 2-(2-Aminoethyl)-2-Thio-***AETR***see Advanced Engineering Test Reactor**Advanced Epithermal Thorium Reactor***AFNETR***see Air Force Engineering Test Reactor***AFSR***see Argonne Fast Source Reactor***Agar-Agar****AGCR***see Army Gas Cooled Reactor***Age Estimation****Agesta Reactor***see Swedish Reactors (R-3)***Aggregates***see Concrete Aggregates**Lightweight Aggregates***AGN-211 Reactors***see Research Reactors***AGR (British)***see Windscale Advanced Gas Cooled Reactor***Agriculture***see also Tracer Techniques (Agriculture)***AGS***see Brookhaven Alternating-Gradient Synchrotron***AHFR***see Argonne High Flux Research Reactor***Air***see also Atmosphere**Breath**Gases**Meteorology**Stack Disposal**Ventilation*

xx Atmosphere

Air—Carbon Dioxide Systems**Air Cooled Reactors***see Gas Cooled Reactors***Air Flow***see Gas Flow***Air Force Engineering Test Reactor**

x AFNETR

NETR

xx Research Reactors

Swimming Pool Reactors

Air Probe*see Proportional Detectors***Air Scoops****Air Traffic Control Systems**

x Control Systems

Traffic Control Systems

Air Warfare*see also Atomic Weapons*

xx Warfare

Airbases

xx Military Facilities

Aircraft*see also Nuclear Aircraft**Nuclear Test Aircraft**Ramjets**Rockets**Space Vehicles**Wings*

x Airplanes

xx Wings

Aircraft Carrier Reactors*see Carrier Vessel Reactor***Aircraft Engines***(Covering chiefly equipment and theory of engines not dependent on nuclear energy)**see also Aircraft Reactors**Nuclear Aircraft Power Plants**Ramjet Engines**Rocket Motors**Turbojet Engines**Turboprop Engines*

x Engines

xx Internal Combustion Engines

Piston Engines

Rocket Motors

Aircraft Equipment*(Including wheels, tires, propellers, radar, hydraulic systems, etc.)*

Aircraft Power Plants*see also Nuclear Aircraft Power Plants*

- xx Plants
- Power Plants

Aircraft Reactor Critical Experiments*(Experiments for testing criticality and core design of aircraft reactors.)*

- x Core Test Facility
- Critical Experiments
- CTF
- Tubular Reactor Assembly (TRA)

Aircraft Reactor Experiment

- x ARE
- ORNL Fused-Salt Reactor Experiment
- xx Aircraft Reactors

Aircraft Reactor Experiment (LM-FP)*(NaK or Na cooled, original ARE)**see also ANP Reactor (LM-FP)*

- xx ANP Reactor (LM-FP)
- Fluid Fuel Reactors
- Intermediate Reactors
- Liquid Metal Cooled Reactors

Aircraft Reactor Test

- x ART
- xx Aircraft Reactors

Aircraft Reactors*see also Aircraft Reactor Experiment**Aircraft Reactor Test**ANP Reactors**Initial Engine Test*

- x Circulating Fuel Reactors
- Circulating Moderator Reactors
- Fire-Ball Reactor
- NEPA Reactors
- Straight Tube Aircraft Reactor
- xx Aircraft Engines
- Nuclear Aircraft
- Nuclear Aircraft Power Plants
- Reactors

Aircraft Shield Test Reactor*see also Nuclear Test Aircraft*

- x ASTR
- xx Shielding

Aircraft Water Reactor*see ANP Reactor (SCW)***Airfoils***see also Hydrofoils**Supersonic Airfoils**Wings*

- xx Foils
- Hydrofoils

Airplane Engine Cowlings

- x Cowlings

Airplanes*see Aircraft***Akermanites****Alabamine (Ab)***see Astatine***Alanine**

- x Propionic Acid α -Amino-

Alanine, β -[p-(p-Hydroxyphenoxy)-Phenyl]-*see Threonine***Alanine, β -(p-Hydroxyphenyl)-***see Tyrosine***Alanine, Leucyl-****Alanine, β -Mercapto-***see Cysteine* **β -Alanine, 2-Methyl-****Alanine, Phenyl-****Alanine, 3-Sulfin-**

- x Cysteinesulfinic Acid

Alanine, 3-Sulfo-*see Cysteic Acid***Alarm Systems***see also Physical Security***Albedo***see Magnetic Mirror Machines***Albites**

- xx Sodium Aluminum Silicates

Albumins**Alcohol—Benzene Systems****Alcohol—Hydrochloric Acid Systems****Alcoholates***see also Cerium Alcoholates**Cobalt(II) Nitrate Alcoholates**Hafnium Alcoholates**Plutonium Alcoholates**Potassium Alcoholates**Silicon Alcoholates**Sodium Alcoholates**Thorium Alcoholates**Titanium Alcoholates**Uranium Alcoholates**Uranyl Alcoholates**Zirconium Alcoholates*

- x Alkoxides

Alcohols*(See also headings for specific alcohols, e g , Ethanol, Methanol and Benzyl Alcohol)**see also Allyl Alcohols**Amino Alcohols**Benzyl Alcohol**Furfuryl Alcohols*

- x Aliphatic Alcohols

*Compounds***Aldehydes***(See also headings for specific aldehydes, e g , Benzaldehyde)***Aldol****Aldonic Acids**

- xx Organic Acids

Alfalfa**Alfenol***see Aluminum—Iron Alloys***Algae***see also Chlorella**Plankton*

- xx Plankton

Alginates**Aliphatic Acids***see Fatty Acids**Organic Acids***Aliphatic Alcohols***see Alcohols***Aliphatic Compounds***see Organic Compounds***Alizarin****Alizarin Red S Complexes**

- x Complexes

Alkali Metal Acrylates*see Acrylic Acid, Alkali Metal Salts***Alkali Metal—Alkali Metal Halide Systems****Alkali Metal Amides**

- xx Amides

Alkali Metal Borate—Alkali Metal Fluoborate—Alkali Metal Halide Systems**Alkali Metal Borates**

- xx Borates

Alkali Metal Borides

- xx Borides

Alkali Metal Borohydrides

- xx Borohydrides

Alkali Metal Carbonates

- xx Carbonates

Alkali Metal Carbonyls

- xx Carbonyls

Alkali Metal Chlorides

xx Chlorides

Alkali Metal Chlorides (Liquid)**Alkali Metal Compounds**

x Compounds

xx Metal Compounds

Alkali Metal Fluoborate–Alkali Metal Borate–Alkali Metal Halide Systems*see Alkali Metal Borate–Alkali Metal Fluoborate–Alkali Metal Halide Systems***Alkali Metal Fluoborate–Alkali Metal Halide Systems****Alkali Metal Fluoborates**

xx Fluoborates

Alkali Metal Fluoride Complexes

xx Fluoride Complexes

Alkali Metal Fluorides

xx Fluorides

Alkali Metal Foils**Alkali Metal Halide–Alkali Metal Borate–Alkali Metal Fluoborate Systems***see Alkali Metal Borate–Alkali Metal Fluoborate–Alkali Metal Halide Systems***Alkali Metal Halide–Alkali Metal Fluoborate Systems***see Alkali Metal Fluoborate–Alkali Metal Halide Systems***Alkali Metal Halide–Alkali Metal Systems***see Alkali Metal–Alkali Metal Halide Systems***Alkali Metal Halide Complexes**

xx Halide Complexes

Alkali Metal Halide Crystals

xx Crystals

Halide Crystals

Alkali Metal Halide Films

xx Films

Alkali Metal Halides

xx Metal Halides

Alkali Metal Halides (Liquid)**Alkali Metal Hydride–Alkali Metal Hydroxide Systems****Alkali Metal Hydrides**

xx Hydrides

Alkali Metal Hydroxide–Alkali Metal Hydride Systems*see Alkali Metal Hydride–Alkali Metal Hydroxide Systems***Alkali Metal Hydroxides**

x Alkalies

xx Hydroxides

Alkali Metal Ions**Alkali Metal–Mercury Alloys****Alkali Metal Methacrylates***see Methacrylic Acid, Alkali Metal Salts***Alkali Metal Nitrates**

xx Nitrates

Alkali Metal Oxides

xx Oxides

Alkali Metal Sulfates

xx Sulfates

Alkali–Metal Thorium Halides

xx Thorium Halides

Alkali Metals*see also Cesium*

Francium

Lithium

Potassium

Rubidium

Sodium

xx Elements

Metals

Alkali Metals (Liquid)**Alkalies***see Alkali Metal Hydroxides***Alkaline Batteries***see also Storage Batteries*

x Cadmium Nickel Batteries

Edison Batteries

xx Batteries

Storage Batteries

Alkaline Earth Borides

xx Borides

Alkaline Earth Borohydrides

xx Borohydrides

Alkaline Earth Complexes

x Complexes

Alkaline Earth Compounds

x Compounds

Alkaline Earth Crystals

xx Crystals

Alkaline Earth Fluoborates

xx Fluoborates

Alkaline Earth Fluorides

xx Fluorides

Alkaline Earth Foils**Alkaline Earth Halide Complexes**

xx Halide Complexes

Alkaline Earth Halide Crystals

xx Halide Crystals

Alkaline Earth Halides

xx Halides

Alkaline Earth Hydride–Alkaline Earth Hydroxide Systems**Alkaline Earth Hydrides**

xx Hydrides

Alkaline Earth Hydroxide–Alkaline Earth Hydride Systems*see Alkaline Earth Hydride–Alkaline Earth Hydroxide Systems***Alkaline Earth Hydroxides**

xx Hydroxides

Alkaline Earth Ions**Alkaline Earth Metals***see also Barium*

Beryllium

Calcium

Magnesium

Strontium

Radium

xx Elements

Metals

Alkaline Earth Nitrate–Uranyl Nitrate Systems**Alkaline Earth Oxides**

xx Oxides

Alkaline Earth Peroxides

xx Peroxides

Alkaline Earth Sulfides

xx Sulfides

Alkaline Earth Thorates

xx Thorates

Alkaline Earth Titanates

xx Titanates

Alkaline Earth Uranate–Oxygen Systems**Alkaline Earth Uranates**

xx Uranates

Alkaline Earth Zirconates

xx Zirconates

Alkaloids*(See also specific alkaloids, e.g., Quinine)*

Curare Alkaloids

Ergot Alkaloids

Alkanes*see also Cycloalkanes*

x Paraffins

xx Paraffin

Alkanes, Azobisaryl–**Alkanes, α , ω -Bis(Dialkylboryl)–****Alkanes, Chlorofluoro–****Alkanes, Diphenyl–****Alkanes, Halo–**

xx Halohydrocarbons

Alkanes, Nitro–**Alkanes, Perfluoro–**

Alkanes, Polyhalo-**Alkannin**

- x Anchusin

Alkene Addition Compounds

- xx Addition Compounds

Alkenes

see also Double Bonds

- x Olefins
- xx Double Bonds

Alkenes, Bromo-**Alkenes, Perfluoro-****Alkenes, Polyfluoro-****2-Alkenes, 1,1,1-Trifluoro-****Alkenoic Acids**

- xx Organic Acids

Alkoxides

see Alcholates

Alkyl Borates

- x Trialkyl Borates
- xx Borates

Alkyl Bromides**Alkyl Bromides, Perfluoro-****Alkyl Chlorides**

- xx Chlorides

Alkyl Chlorides, Perfluoro-**Alkyl Fluorides**

- xx Fluorides

Alkyl Halides

- xx Halides

Alkyl Iodides**Alkyl Iodides, Perfluoro-****Alkyl Phosphates**

see Phosphoric Acid, Alkyl Esters

Allanites**Allantoin**

- x 5-Ureidohydantoin

Allenenes**D-Allose**

- xx Hexoses

Allothreonine**Allotropic Formations**

see Phase Studies

Allotropy

see Phase Studies

Alloxan

- x 2,4,5,6(1H,3H)-Pyrimidinetrione

Alloy Separation Processes

(Separation of U from Pu and/or fission products by "solvent extraction" with molten metals.)

- x Molten Metal Separation Processes
- Pyrometallurgical Processes
- xx Separation Processes

Alloys

(Headings for specific alloys are made up of a listing of the constituents in alphabetical order, e.g., NaK is indexed as Potassium-Sodium Alloys, Invar as Iron-Nickel Alloys. Alloys containing non-metallic substances as major constituents are indexed as systems, e.g., Carbon-Uranium Systems. Specific intermetallic compounds are indexed as alloys, e.g., AuCu₃ as Copper-Gold Alloys. See also headings for classes of alloys named by metallic elements, e.g., Uranium Alloys and Uranium Systems.)

see also Brazing Alloys

Corrosion-Resistant Alloys

Heat-Resisting Alloys

Intermetallic Compounds

Metals

Rare Earth Alloys

Reactor Fuel Alloys

- xx Metals

Alloys (Liquid)

see Metals (Liquid)

Allyl Acetate

see Acetic Acid, Allyl Esters

Allyl Alcohols

- xx Alcohols

Allyl Carbonate

see Carbonic Acid, Allyl Ester

Allyl Chloride

see Propene, 3-Chloro-

ALPHA

see Army Reactors (SL-1)

Alpha Beams

- x Beams

Alpha Cross Sections

- xx Cross Sections

Alpha Decay

- xx Decay Schemes

Alpha Particles

see also Cosmic Alpha Particles

- x Helium Ions (He⁺)
- Nuclear Radiation

- xx Helium Ions
- Particles
- Radiation
- Radioactivity

Alpha Sources

- x Polonium Sources
- Sources
- xx Ion Sources
- Radiation Sources

Alpha Spectra

- xx Spectra

Alpha Spectrometers

- xx Spectrometers

ALPR

see Army Reactors (SL-1)

Alternating-Gradient Focusing

see also FFAG Accelerators

- x Strong Focusing

Altimeters

see also Hypsometers

Pressure Gages

Altitude**D-Altrose**

- xx Hexoses

Alumel

see Aluminum-Manganese-Nickel-Silicon Systems

Alumina

see Aluminum Oxides

Aluminates

see also Beryllium Aluminates

Calcium Aluminates
Chloroaluminates
Dysprosium Aluminates
Fluoroaluminates
Gadolinium Aluminates
Lanthanum Aluminates
Lithium Aluminates
Magnesium Aluminates
Nickel Aluminates
Neodymium Aluminates
Plutonium Aluminates
Sodium Aluminates
Strontium Aluminates
Ytterbium Aluminates
Yttrium Aluminates

Aluminides

see Aluminum Alloys

Aluminon

see Aurintricarboxylic Acid, Ammonium Salts

Aluminum**Aluminum (Clad)****Aluminum (Liquid)****Aluminum Alloy Coatings**

Aluminum Alloy-Stainless Steel Couples**Aluminum Alloy-Titanium Couples****Aluminum Alloy-Uranium Couples****Aluminum Alloy-Zirconium Couples****Aluminum Alloys**

x Aluminides

Aluminum Alloys (Al Clad)

xx Aluminum Coatings

Aluminum Alloys (Clad)**Aluminum Alloys (Liquid)****Aluminum-Aluminum Chloride-Potassium Chloride Systems****Aluminum-Aluminum Chloride-Potassium****Chloride-Uranium-Uranium Chloride Systems****Aluminum-Aluminum Chloride Systems****Aluminum-Aluminum Oxide-Iron Systems****Aluminum-Aluminum Oxide-Nickel Systems****Aluminum-Aluminum Oxide Systems****Aluminum-Aluminum-Silicon System Couples****Aluminum-Amercium Alloys****Aluminum Ammonium Sulfates***see Ammonium Aluminum Sulfates***Aluminum-Antimony Alloys****Aluminum-Antimony Couples****Aluminum-Antimony-Gallium Alloys****Aluminum-Antimony-Tellurium Systems****Aluminum-Arsenic-Gallium Systems****Aluminum-Arsenic Systems****Aluminum Arsenides****Aluminum-Barium Alloys****Aluminum-Beryllium Alloys****Aluminum-Beryllium Compacts****Aluminum-Beryllium-Copper Alloys****Aluminum-Beryllium Couples****Aluminum-Beryllium-Germanium Alloys****Aluminum-Beryllium-Indium-Silver Alloys****Aluminum-Beryllium-Iron Alloys****Aluminum-Beryllium-Magnesium Alloys****Aluminum-Beryllium-Molybdenum-Titanium Alloys****Aluminum Beryllium Silicates***see Beryllium Aluminum Silicates***Aluminum-Beryllium-Uranium Alloys****Aluminum-Bismuth Alloys****Aluminum-Bismuth Couples****Aluminum-Bismuth-Uranium Alloys****Aluminum Borides**

xx Borides

Aluminum Borohydrides

xx Borohydrides

Aluminum-Boron Carbide Systems

x Boral

Aluminum-Boron-Chromium Carbide-Iron-**Molybdenum-Titanium Carbide Systems****Aluminum-Boron-Chromium Carbide-Iron-****Titanium Carbide Systems****Aluminum-Boron-Chromium Carbide-Nickel-****Titanium Carbide Systems****Aluminum-Boron-Chromium-Iron-Titanium****Carbide Systems****Aluminum-Boron-Chromium-Molybdenum-Silicon****Systems****Aluminum-Boron-Iron-Molybdenum Carbide-****Titanium Carbide Systems****Aluminum-Boron-Iron Systems****Aluminum-Boron-Iron-Titanium Carbide Systems****Aluminum-Boron-Iron-Titanium Carbide-****Vanadium Carbide Systems****Aluminum-Boron Systems****Aluminum-Boron-Uranium Systems****Aluminum Bromide-Arsenic Bromide Systems****Aluminum Bromide-Potassium Bromide Systems****Aluminum Bromide-Sodium Bromide Systems****Aluminum Bromides****Aluminum Bronze***see also Aluminum-Copper Alloys*

xx Aluminum-Copper Alloys

Bronze

Copper Alloys

Aluminum-Cadmium Alloys**Aluminum-Cadmium-Copper Alloys****Aluminum-Cadmium-Indium-Silver Alloys****Aluminum-Cadmium-Indium-Silver-Tin Alloys****Aluminum-Calcium Alloys****Aluminum Calcium Hydrides***see Calcium Aluminum Hydrides***Aluminum-Calcium-Magnesium Alloys****Aluminum-Calcium-Magnesium-Manganese Alloys****Aluminum-Calcium-Magnesium-Zinc Alloys****Aluminum Calcium Silicates***see Calcium Aluminum Silicates***Aluminum Carbides**

xx Carbides

Aluminum-Carbon-Iron Systems**Aluminum-Carbon-Manganese-Nitrogen-Titanium Systems****Aluminum-Carbon-Manganese-Titanium Systems****Aluminum-Carbon-Titanium Systems****Aluminum-Carbon-Titanium-Vanadium Systems****Aluminum-Carbon-Uranium Systems****Aluminum-Cerium Alloys****Aluminum-Cerium-Iron Alloys****Aluminum-Cerium-Iron-Molybdenum Alloys****Aluminum-Cerium-Iron-Vanadium Alloys****Aluminum Cerium Silicides**

xx Cerium Silicides

Aluminum Cerium Sulfides

xx Cerium Sulfides

Aluminum Chelates**Aluminum Chloride-Aluminum-Potassium Chloride Systems***see Aluminum-Aluminum Chloride-Potassium Chloride Systems***Aluminum Chloride Complexes**

xx Chloride Complexes

Aluminum Chloride Etherates

x Etherates

Aluminum Chloride-Iron Chloride-Titanium Chloride Systems**Aluminum Chloride-Lithium Chloride-Potassium Chloride-Sodium Chloride Systems****Aluminum Chloride-Lithium Chloride Systems****Aluminum Chloride-Potassium Chloride Systems****Aluminum Chloride-Rubidium Chloride Systems****Aluminum Chloride-Sodium Bromide Systems****Aluminum Chloride-Sodium Chloride Systems****Aluminum Chlorides****Aluminum Chlorohydride Etherates**

x Etherates

Aluminum-Chromium Alloys**Aluminum-Chromium-Cobalt Alloys****Aluminum-Chromium-Cobalt-Iron Alloys**

x Kanthal A

Aluminum-Chromium-Cobalt-Molybdenum Alloys**Aluminum-Chromium-Cobalt-Molybdenum-****Nickel-Titanium Alloys****Aluminum-Chromium-Cobalt-Nickel-Titanium Alloys****Aluminum-Chromium-Cobalt-Nickel-Tungsten Alloys****Aluminum-Chromium-Cobalt-Tantalum Alloys****Aluminum-Chromium-Cobalt-Tungsten Alloys****Aluminum-Chromium-Copper-Nickel Alloys****Aluminum-Chromium-Iron Alloys**

x Fecral

Aluminum-Chromium-Iron Coatings**Aluminum-Chromium-Iron-Manganese-Nickel Alloys****Aluminum-Chromium-Iron-Molybdenum-Nickel-Titanium Alloys**

Aluminum—Chromium—Iron—Molybdenum—Titanium Alloys**Aluminum—Chromium—Iron—Nickel Alloys****Aluminum—Chromium—Iron—Nickel—Niobium—Titanium Alloys****Aluminum—Chromium—Iron—Nickel—Titanium Alloys**

x Hastelloy R235

Aluminum—Chromium—Iron—Niobium Alloys**Aluminum—Chromium—Iron—Nitrogen Systems****Aluminum—Chromium—Iron—Palladium Alloys****Aluminum—Chromium—Iron—Palladium—Tantalum Alloys****Aluminum—Chromium—Iron—Palladium—Tungsten Alloys****Aluminum—Chromium—Iron—Titanium Alloys****Aluminum—Chromium—Iron—Yttrium Alloys****Aluminum—Chromium—Magnesium—Titanium Alloys****Aluminum—Chromium—Manganese Alloys****Aluminum—Chromium—Molybdenum—Nickel—Zirconium Alloys****Aluminum—Chromium—Molybdenum Steel**

xx Steel

Aluminum—Chromium—Molybdenum—Titanium Alloys**Aluminum—Chromium—Molybdenum—Tungsten Alloys****Aluminum—Chromium—Molybdenum—Zirconium Alloys****Aluminum—Chromium—Nickel Alloys****Aluminum—Chromium—Nickel—Titanium Alloys**

x Nimonic 80

Aluminum—Chromium—Nickel—Titanium—Tungsten Alloys**Aluminum—Chromium—Niobium—Silicon Systems****Aluminum—Chromium—Niobium—Titanium Alloys****Aluminum—Chromium—Silicon Coatings****Aluminum—Chromium—Silicon Systems****Aluminum—Chromium—Silicon—Titanium Systems****Aluminum—Chromium—Tin—Titanium Alloys****Aluminum—Chromium—Titanium Alloys****Aluminum—Chromium—Titanium—Vanadium Alloys****Aluminum—Chromium—Zirconium Alloys****Aluminum Coatings***see also Aluminum Alloy Coatings**Aluminum Alloys (Al Clad)**Aluminum—Plutonium Alloys (Al Clad)**Aluminum—Uranium Alloys (Al Clad)**Thorium (Al Clad)**Uranium (Al Clad)*

xx Coatings

Aluminum—Cobalt Alloys**Aluminum—Cobalt—Copper Alloys****Aluminum—Cobalt—Copper—Iron—Nickel Alloys****Aluminum—Cobalt—Copper—Iron—Nickel—Niobium Alloys****Aluminum—Cobalt—Iron—Nickel Alloys****Aluminum—Cobalt—Iron—Nickel—Titanium Alloys****Aluminum—Cobalt—Manganese Alloys****Aluminum—Cobalt—Molybdenum Alloys****Aluminum—Cobalt—Molybdenum—Tantalum Alloys****Aluminum—Cobalt—Niobium Alloys****Aluminum—Cobalt—Silicon Systems****Aluminum—Cobalt—Tantalum Alloys****Aluminum—Cobalt—Titanium Alloys****Aluminum—Cobalt—Tungsten Alloys****Aluminum Compacts**

xx Compacts

Aluminum Complexes**Aluminum Compounds****Aluminum—Copper Alloys***see also Aluminum Bronze*

xx Aluminum Bronze

Aluminum—Copper Couples**Aluminum—Copper Crystals****Aluminum Copper Fluorides***see Copper Fluoroaluminates***Aluminum—Copper—Indium Alloys****Aluminum—Copper—Iron Alloys****Aluminum—Copper—Iron—Nickel Alloys****Aluminum—Copper—Lithium Alloys****Aluminum—Copper—Magnesium Alloy Couples****Aluminum—Copper—Magnesium Alloys****Aluminum—Copper—Magnesium—Manganese Alloys**

x Duralumin

Aluminum—Copper—Magnesium—Nickel Alloys**Aluminum—Copper—Magnesium—Silicon Systems****Aluminum—Copper—Magnesium—Zinc Alloys****Aluminum—Copper—Manganese Alloys****Aluminum—Copper—Manganese—Nickel Alloys****Aluminum—Copper—Nickel Alloys****Aluminum—Copper—Silicon Systems****Aluminum—Copper—Silicon—Zinc Systems****Aluminum—Copper—Tin Alloys****Aluminum—Copper—Tin—Titanium Alloys****Aluminum—Copper—Titanium Alloys****Aluminum—Copper—Titanium—Zirconium Alloys****Aluminum—Copper—Zinc Alloys****Aluminum—Copper—Zirconium Alloys****Aluminum Couples****Aluminum Crystals****Aluminum Deuterides***see also Aluminum Hydrides**Lithium Aluminum Deuterides*

xx Aluminum Hydrides

Deuterides

Aluminum—Dysprosium Alloys**Aluminum Electrodes**

xx Electrodes

Aluminum Erbium Sulfides

xx Erbium Sulfides

Aluminum Ferrates*see also Nickel Aluminum Ferrates*

xx Ferrates

Aluminum Films

xx Films

Aluminum Fluoride—Aluminum Oxide—Calcium**Fluoride—Sodium Fluoroaluminate Systems****Aluminum Fluoride—Graphite Systems****Aluminum Fluoride—Magnesium Fluoride—Sodium Fluoroaluminate Systems****Aluminum Fluoride—Magnesium Fluoride—Sodium Fluoride Systems****Aluminum Fluorides****Aluminum Foils****Aluminum—Gadolinium Alloys****Aluminum Gadolinium Sulfides**

xx Gadolinium Sulfides

Aluminum—Gallium Alloys**Aluminum—Germanium Alloys****Aluminum—Germanium—Lithium Alloys****Aluminum—Germanium—Molybdenum—Titanium Alloys****Aluminum—Germanium—Sodium Alloys****Aluminum—Gold Alloys****Aluminum—Graphite Couples****Aluminum Guanidine Sulfates***see Guanidine Aluminum Sulfates***Aluminum—Hafnium Alloys****Aluminum—Hafnium—Lead Alloys****Aluminum—Hafnium—Titanium Alloys****Aluminum—Hafnium—Zirconium Alloys****Aluminum Hydride Etherates**

x Etherates

Aluminum Hydrides*see also Aluminum Deuterides**Aluminum Tritides**Calcium Aluminum Hydrides**(Continued)*

see also *Lithium Aluminum Hydrides*

Magnesium Aluminum Hydrides

Sodium Aluminum Hydrides

Tungsten Aluminum Hydrides

Zirconium Aluminum Hydrides

xx *Aluminum Deuterides*

Aluminum Hydroxides

see also *Diaspore*

Aluminum–Indium Alloy Foils

Aluminum–Indium Alloys

Aluminum–Indium–Lithium–Magnesium Alloys

Aluminum–Indium–Silver Alloys

Aluminum–Indium–Titanium Alloys

Aluminum Iodide–Ammonia Systems

Aluminum Iodides

Aluminum Iodides (Liquid)

Aluminum Ions

Aluminum–Iron Alloys

x *Alfenol*

Aluminum–Iron Compacts

Aluminum–Iron Compacts (Clad)

Aluminum–Iron Couples

Aluminum–Iron–Magnesium Alloys

Aluminum–Iron–Manganese Alloys

Aluminum–Iron–Molybdenum Alloys

Aluminum–Iron–Molybdenum–Nickel Alloys

Aluminum–Iron–Molybdenum–Niobium–Titanium Alloys

Aluminum–Iron–Molybdenum–Niobium–Titanium–Tungsten Alloys

Aluminum–Iron–Molybdenum–Titanium Alloys

Aluminum–Iron–Molybdenum–Uranium Alloys

Aluminum–Iron–Nickel Alloys

Aluminum–Iron–Nickel–Niobium Alloys

Aluminum–Iron–Niobium Alloys

Aluminum–Iron–Niobium–Tantalum Alloys

Aluminum–Iron–Oxygen Systems

Aluminum–Iron–Silicon Systems

Aluminum–Iron–Tantalum Alloys

Aluminum–Iron–Tantalum–Zirconium Alloys

Aluminum–Iron–Titanium Alloys

Aluminum–Iron–Titanium Carbide Systems

Aluminum–Iron–Titanium–Vanadium Alloys

Aluminum–Iron–Uranium Alloys

Aluminum–Iron–Vanadium Alloys

Aluminum–Iron–Zirconium Alloys

Aluminum Isotopes

Aluminum Isotopes Al²⁴

Aluminum Isotopes Al²⁵

Aluminum Isotopes Al²⁶

Aluminum Isotopes Al²⁷

Aluminum Isotopes Al²⁸

Aluminum Isotopes Al²⁹

Aluminum Isotopes Al³⁰

Aluminum–Lanthanum Alloys

Aluminum Lanthanum Sulfides

xx *Lanthanum Sulfides*

Aluminum–Lead Alloys

Aluminum–Lithium Alloys

Aluminum Lithium Deuterides

see *Lithium Aluminum Deuterides*

Aluminum Lithium Hydrides

see *Lithium Aluminum Hydrides*

Aluminum–Lithium–Magnesium Alloys

Aluminum–Lithium–Mercury Alloys

Aluminum Lithium Silicates

see *Lithium Aluminum Silicates*

Aluminum–Lithium–Silicon Systems

Aluminum Lithium Tritides

see *Lithium Aluminum Tritides*

Aluminum–Lithium–Uranium Alloys

Aluminum–Lithium–Zinc Alloys

Aluminum–Magnesium Alloys

x *Magnox C Alloy*

Aluminum–Magnesium Couples

Aluminum Magnesium Hydrides

see *Magnesium Aluminum Hydrides*

Aluminum–Magnesium–Manganese Alloys

Aluminum–Magnesium–Manganese–Zinc Alloys

Aluminum–Magnesium–Nickel Alloys

Aluminum Magnesium Oxides

see *Magnesium Aluminum Oxides*

Aluminum–Magnesium–Silicon Systems

Aluminum–Magnesium–Silver Alloys

Aluminum–Magnesium–Thorium Alloys

Aluminum Magnesium Titanates

xx *Magnesium Titanates*

Aluminum–Magnesium–Titanium Alloys

Aluminum–Magnesium–Uranium Alloys

Aluminum–Magnesium–Zinc Alloys

Aluminum–Magnesium–Zirconium Alloys

Aluminum–Manganese Alloys

Aluminum–Manganese–Nickel Alloys

Aluminum–Manganese–Nickel–Silicon Systems

x *Alumel*

Aluminum–Manganese–Nitrogen–Titanium Systems

Aluminum–Manganese–Silver Alloys

Aluminum–Manganese–Tin–Titanium Alloys

Aluminum–Manganese–Titanium Alloys

Aluminum–Mercury Alloys

Aluminum–Molybdenum Alloys

Aluminum–Molybdenum–Nickel Alloys

Aluminum–Molybdenum–Nickel–Niobium Carbide–Titanium Carbide Systems

Aluminum–Molybdenum–Niobium Alloys

Aluminum–Molybdenum–Oxygen–Titanium Systems

Aluminum–Molybdenum–Tin Alloys

x *Thermeneol*

Aluminum–Molybdenum–Tin–Titanium Alloys

Aluminum–Molybdenum–Tin–Zirconium Alloys

Aluminum–Molybdenum–Titanium Alloys

Aluminum–Molybdenum–Titanium–Vanadium Alloys

Aluminum–Molybdenum–Zirconium Alloys

Aluminum–Neodymium Alloys

Aluminum Neodymium Sulfides

xx *Neodymium Sulfides*

Aluminum–Neptunium Alloys

Aluminum–Nickel Alloy–Chromium–Nickel Alloy Couples

Aluminum–Nickel Alloys

Aluminum–Nickel Couples

Aluminum Nickel Ferrates

see *Nickel Aluminum Ferrates*

Aluminum–Nickel–Plutonium Alloys

Aluminum–Nickel–Silicon Systems

Aluminum–Nickel–Titanium Alloys

Aluminum–Nickel–Titanium Carbide Systems

Aluminum–Nickel–Tungsten Alloys

Aluminum–Nickel–Uranium Alloys

Aluminum–Nickel–Uranium Alloys (Clad)

Aluminum–Nickel–Uranium Couples

Aluminum–Nickel–Zinc Alloys

Aluminum–Nickel–Zirconium Alloys

Aluminum–Niobium Alloys

Aluminum–Niobium–Tantalum–Titanium Alloys

Aluminum–Niobium–Titanium Alloys

Aluminum–Niobium–Titanium–Vanadium Alloys

Aluminum–Niobium–Titanium–Zirconium Alloys

Aluminum–Niobium–Vanadium Alloys

Aluminum–Niobium–Zirconium Alloys

Aluminum Nitrate–Ethane, Dibutoxy--Nitric Acid Systems

Aluminum Nitrate–Hydrofluoric Acid–Nitric Acid–Thorium Nitrate Systems

Aluminum Nitrate–Manganese Nitrate–Nitric Acid–Potassium Permanganate–Sodium Dichromate Systems

Aluminum Nitrate–Nitric Acid Systems

Aluminum Nitrate–Nitric Acid–Uranyl Nitrate Systems

Aluminum Nitrate–2-Pentanone, 4-Methyl– Systems

Aluminum Nitrates

Aluminum Nitrides

Aluminum–Nitrogen–Titanium Systems

Aluminum Oxide–Aluminum Fluoride–Calcium Fluoride–Sodium Fluoaluminate Systems

see Aluminum Fluoride–Aluminum Oxide–Calcium Fluoride–Sodium Fluoaluminate Systems

Aluminum Oxide–Aluminum–Iron Systems

see Aluminum–Aluminum Oxide–Iron Systems

Aluminum Oxide–Aluminum Systems

see Aluminum–Aluminum Oxide Systems

Aluminum Oxide–Barium Oxide–Calcium Oxide Systems

Aluminum Oxide–Barium Oxide–Silicon Oxide Systems

Aluminum Oxide–Barium Oxide–Strontium Oxide Systems

Aluminum Oxide–Barium Oxide Systems

Aluminum Oxide–Beryllium Oxide Systems

Aluminum Oxide–Beryllium Oxide–Titanium Oxide Systems

Aluminum Oxide–Beryllium Oxide–Yttrium Oxide Systems

Aluminum Oxide–Beryllium Oxide–Zirconium Oxide Systems

Aluminum Oxide–Boron Carbide Systems

Aluminum Oxide–Boron Oxide–Magnesium Oxide Systems

Aluminum Oxide–Calcium Oxide–Silicon Oxide Systems

Aluminum Oxide–Cesium Nitrate Systems

Aluminum Oxide–Chromium–Cobalt–Nickel–Tungsten Systems

Aluminum Oxide–Chromium Compacts

Aluminum Oxide–Chromium–Molybdenum Systems

Aluminum Oxide–Chromium–Molybdenum–Titanium Oxide Systems

Aluminum Oxide–Chromium–Nickel Systems

Aluminum Oxide–Chromium Oxide Systems

Aluminum Oxide–Chromium Systems

Aluminum Oxide–Chromium–Tungsten Systems

Aluminum Oxide–Chromium–Uranium Oxide Systems

Aluminum Oxide Coatings

xx Oxide Coatings

Aluminum Oxide–Cobalt Systems

Aluminum Oxide Compacts

xx Oxide Compacts

Aluminum Oxide–Copper Systems

Aluminum Oxide Crucibles

xx Oxide Crucibles

Aluminum Oxide Crystals

xx Oxide Crystals

Aluminum Oxide–Dysprosium Oxide Systems

Aluminum Oxide Films

xx Oxide Films

Aluminum Oxide Filters

xx Filters

Oxide Filters

Aluminum Oxide–Gadolinium Oxide Systems

Aluminum Oxide–Iron Oxide Systems

Aluminum Oxide–Iron–Silicon Systems

Aluminum Oxide–Iron Systems

Aluminum Oxide–Lithium Oxide–Silicon Oxide Systems

Aluminum Oxide–Lithium Oxide–Titanium Oxide Systems

Aluminum Oxide–Lutetium Oxide Systems

Aluminum Oxide–Magnesium Fluoride–Sodium Fluoaluminate Systems

Aluminum Oxide–Magnesium Oxide–Silicon Oxide–Zirconium Oxide Systems

Aluminum Oxide–Magnesium Oxide Systems

Aluminum Oxide–Magnesium Oxide–Zirconium Oxide Systems

Aluminum Oxide–Manganese Oxide–Silicon Oxide Systems

Aluminum Oxide–Molybdenum Silicide Systems

Aluminum Oxide–Molybdenum Systems

Aluminum Oxide–Mullite Systems

Aluminum Oxide–Neodymium Oxide–Silicon Oxide Systems

Aluminum Oxide–Neodymium Oxide Systems

Aluminum Oxide–Nickel Oxide Systems

Aluminum Oxide–Nickel Systems

Aluminum Oxide–Niobium Oxide Bodies

Aluminum Oxide–Niobium Oxide Systems

Aluminum Oxide Powders

xx Aluminum Powders

Oxide Powders

Aluminum Oxide–Samarium Oxide Systems

Aluminum Oxide–Silicon Carbide Systems

Aluminum Oxide–Silicon Carbide–Uranium Oxide Compacts

Aluminum Oxide–Silicon Oxide Systems

Aluminum Oxide–Silicon Oxide–Titanium Oxide–Zirconium Oxide Systems

Aluminum Oxide–Silver Chloride Systems

Aluminum Oxide Slurries

xx Oxide Slurries

Aluminum Oxide–Sodium Oxide–Tantalum Oxide Systems

Aluminum Oxide–Stainless Steel Compacts

Aluminum Oxide–Tantalum Oxide Systems

Aluminum Oxide–Titanium Oxide Systems

Aluminum Oxide–Titanium Systems

Aluminum Oxide–Uranium Oxide Systems

Aluminum Oxide–Uranium Oxide–Yttrium Oxide Systems

Aluminum Oxide–Yttrium Oxide Systems

Aluminum Oxide–Zinc Oxide Systems

Aluminum Oxide–Zirconium Boride Systems

Aluminum Oxide–Zirconium Oxide Systems

Aluminum Oxides

see also Boehmites

Magnesium Aluminum Oxides

x Alumina

Alundum

Corundum

Aluminum Oxides (Gaseous)

Aluminum Oxides (Liquid)

Aluminum–Oxygen–Silicon–Titanium Systems

Aluminum–Oxygen–Titanium Systems

Aluminum–Oxygen–Uranium Systems

Aluminum–Palladium Alloys

Aluminum Phosphates

see also Variscites

Wavellites

Aluminum Phosphides

xx Phosphides

Aluminum–Phosphorus Systems

Aluminum–Platinum Alloys

Aluminum–Plutonium Alloys

Aluminum–Plutonium Alloys (Al Clad)

xx Aluminum Coatings

Aluminum–Plutonium Alloys (Clad)

Aluminum–Plutonium Oxide Systems

Aluminum–Plutonium–Silicon Systems

Aluminum–Plutonium–Silicon Systems (Clad)

Aluminum–Potassium Alloys

Aluminum Powders

see also Aluminum Oxide Powders

Aluminum-Praseodymium Alloys**Aluminum Praseodymium Sulfides**

xx Praseodymium Sulfides

Aluminum-Rare Earth Alloys**Aluminum-Rare Earth Oxide Systems****Aluminum-Rhenium Alloys****Aluminum-Samarium Alloys****Aluminum Samarium Sulfides**

xx Samarium Sulfides

Aluminum-Selenium Systems**Aluminum Silicate Crucibles**

xx Silicate Crucibles

Aluminum Silicates*see also Bentonites**Beryllium Aluminum Silicates**Calcium Aluminum Silicates**Clays**Kaolinites**Lithium Aluminum Silicates**Mullites**Sodium Aluminum Silicates*

xx Silicates

Aluminum-Silicon Carbide-Uranium Oxide Systems**Aluminum-Silicon Coatings***see also Slug Coatings (Al-Si)***Aluminum-Silicon System-Aluminum Couples***see Aluminum-Aluminum-Silicon System Couples***Aluminum-Silicon System-Uranium Couples****Aluminum-Silicon Systems***see also Slug Coatings (Al-Si)***Aluminum-Silicon-Tin Systems****Aluminum-Silicon-Tin-Uranium Systems****Aluminum-Silicon-Titanium Hydride Systems****Aluminum-Silicon-Titanium Systems****Aluminum-Silicon-Uranium Systems****Aluminum-Silicon-Zinc Systems****Aluminum-Silicon-Zirconium Systems****Aluminum-Silver Alloys****Aluminum-Silver Crystals****Aluminum-Silver-Titanium Alloys****Aluminum-Sodium Alloys****Aluminum Sodium Fluorides***see Sodium Fluoroaluminates***Aluminum Sodium Hydrides***see Sodium Aluminum Hydrides***Aluminum Sodium Silicates***see Sodium Aluminum Silicates***Aluminum-Stainless Steel Couples****Aluminum-Strontium Alloys****Aluminum Sulfate-Cesium Sulfate-Potassium Sulfate Systems****Aluminum Sulfates***see also Ammonium Aluminum Sulfates**Guanidine Aluminum Sulfates***Aluminum-Sulfur Systems****Aluminum-Tantalum Alloys****Aluminum-Tantalum-Titanium Alloys****Aluminum-Tantalum-Zirconium Alloys****Aluminum-Tellurium Systems****Aluminum-Thallium Alloys****Aluminum-Thorium Alloys****Aluminum-Thorium Compacts****Aluminum-Thorium Couples****Aluminum Thorium Deuterides**

xx Thorium Deuterides

Aluminum-Thorium Oxide Systems**Aluminum-Thorium-Uranium Alloys****Aluminum-Thorium-Water Systems****Aluminum-Thulium Alloys****Aluminum-Tin Alloys****Aluminum-Tin-Titanium Alloys****Aluminum-Tin-Titanium-Vanadium Alloys****Aluminum-Tin-Titanium-Zirconium Alloys****Aluminum-Tin-Zinc Alloys****Aluminum-Tin-Zirconium Alloys****Aluminum Titanate-Barium Zirconium Silicate Systems****Aluminum Titanate-Clay Systems****Aluminum Titanate Compacts**

xx Titanate Compacts

Aluminum Titanate-Uranium Oxide Systems**Aluminum Titanates**

xx Titanates

Aluminum-Titanium Alloys**Aluminum-Titanium Couples****Aluminum-Titanium-Tungsten Alloys****Aluminum-Titanium-Uranium-Vanadium Alloys****Aluminum-Titanium-Vanadium Alloys****Aluminum-Titanium-Vanadium-Zirconium Alloys****Aluminum-Titanium-Zirconium Alloys****Aluminum, Trimethyl-Dimer****Aluminum Tritides***see also Lithium Aluminum Tritides*

xx Aluminum Hydrides

Tritides

Aluminum-Tungsten Alloys**Aluminum-Tungsten Carbide Compacts****Aluminum Tungsten Hydrides***see Tungsten Aluminum Hydrides***Aluminum-Uranium Alloys****Aluminum-Uranium Alloys (Al Clad)**

xx Aluminum Coatings

Aluminum-Uranium Alloys (Clad)**Aluminum-Uranium Carbide Compacts****Aluminum-Uranium Compacts****Aluminum-Uranium Couples****Aluminum-Uranium Nitride Systems****Aluminum-Uranium Oxide Compacts****Aluminum-Uranium Oxide Systems****Aluminum-Uranium-Zirconium Alloy Couples****Aluminum-Uranium-Zirconium Alloys****Aluminum-Vanadium Alloys****Aluminum-Water Systems****Aluminum-Ytterbium Alloys****Aluminum-Yttrium Alloys****Aluminum Yttrium Sulfides**

xx Yttrium Sulfides

Aluminum-Zinc Alloys**Aluminum-Zinc Couples****Aluminum-Zirconium Alloys****Aluminum-Zirconium Coatings****Aluminum-Zirconium Couples****Aluminum Zirconium Hydrides***see Zirconium Aluminum Hydrides***Alums***see also Ammonium Aluminum Sulfates**Ammonium Chromium Alums**Chrome Alums*

x Ammonium Alums

xx Ammonium Aluminum Sulfates

Alundum*see Aluminum Oxides***Alunites****Amalgams***see Mercury Alloys***Ambient Air Systems***see Atmospheres***Amblygonites****Americium***see also Actinides*

xx Actinides

Transplutonic Elements

Transuranic Elements

Americium Alloys**Americium-Aluminum Alloys**

see Aluminum–Americium Alloys

Americium–Beryllium Alloys

Americium Chlorides

Americium Complexes

Americium Compounds

Americium Fluorides

see also Rubidium Americium Fluorides

Americium(III) Fluorides

Americium(IV) Fluorides

see also Potassium Americium(IV) Fluorides

Americium Hydrides

Americium Hydroxides

Americium Ions

Americium(III) Ions

Americium(IV) Ions

Americium(V) Ions

Americium(VI) Ions

see also Americyl Ions

Americium Isotopes

Americium Isotopes Am²³⁷

Americium Isotopes Am²³⁸

Americium Isotopes Am²³⁹

Americium Isotopes Am²⁴⁰

Americium Isotopes Am²⁴¹

Americium Isotopes Am²⁴²

Americium Isotopes Am²⁴³

Americium Isotopes Am²⁴⁴

Americium Isotopes Am²⁴⁵

Americium Isotopes Am²⁴⁶

Americium Nitrates

Americium Oxalates

xx Oxalates

Americium(V) Oxide Ions

Americium Oxides

Americium Oxycarbonates

see also Potassium Americium Oxycarbonates

Rubidium Americium Oxycarbonates

xx Oxycarbonates

Americium Oxychlorides

xx Oxychlorides

Americium Oxyfluorides

see also Potassium Americium Oxyfluorides

xx Oxyfluorides

Americium(IV) Potassium Fluorides

see Potassium Americium(IV) Fluorides

Americium Potassium Oxycarbonates

see Potassium Americium Oxycarbonates

Americium Potassium Oxyfluorides

see Potassium Americium Oxyfluorides

Americium Rubidium Fluorides

see Rubidium Americium Fluorides

Americium Rubidium Oxycarbonates

see Rubidium Americium Oxycarbonates

Americium Sulfates

Americyl Acetates

see Sodium Americyl Acetates

Americyl Carbonate–Rubidium Carbonate–Water Systems

Americyl Ions

xx Americium(VI) Ions

Americyl Sodium Acetates

see Sodium Americyl Acetates

Ames Windowless Counter

see Geiger-Mueller Tubes

Amex Process

(Recovery of americium from slag and crucibles with tributyl phosphate)

xx Separation Processes

Amide Polymers

xx Polymers

Amides

see also Alkali Metal Amides

see also Butramides

Hexanamides

Lithium Amides

Propionamides

Sodium Amides

x Metal Amides

Amidines

Amidophosphoric Acid Esters

xx Esters

Amination

Aminazine

see Phenothiazines

Amine Complexes

x Complexes

Amine Extraction Process

(Extraction of uranium from sulfuric acid leach liquors with amines)

Amine Oxides

Amines

(For derivatives see by name of substituent, e.g., Dodecylamine

Acetate.)

Amino Acid Complexes

x Complexes

Amino Acids

(See also specific amino acids, e.g., Glycine.)

xx Organic Acids

Amino Acids, N-Trifluoroacetyl-

Amino Alcohols

(See also specific amino alcohols, e.g., Ethanol, 2-Amino-.)

xx Alcohols

Amino Compounds

Aminoethylisothiuronium (AET)

see Pseudourea, 2-(2-Aminoethyl)-2-Thio-

Aminopterin

Ammeters

x Meters

Ammines

Ammonia

Ammonia (Liquid)

Ammonia (Solid)

Ammonia–Aluminum Iodide Systems

see Aluminum Iodide–Ammonia Systems

Ammonia–Benzene Systems

Ammonia–Boric Acid Systems

Ammonia–Boron Fluoride Systems

Ammonia–Cobalt Chloride Systems

Ammonia–Deuterium Systems

Ammonia–Helium Systems

Ammonia–Hydrazine Systems

Ammonia–Hydrogen Systems

Ammonia–Lanthanum Chloride Systems

Ammonia–Lithium Borohydride Systems

Ammonia–Mercury Systems

Ammonia–Potassium Systems

Ammonia–Sodium Borohydride Systems

Ammonia–Sodium Systems

Ammonium Acetate–Acetic Acid Systems

see Acetic Acid–Ammonium Acetate Systems

Ammonium Acetates

xx Acetates

Ammonium Acid Fluoride–Ammonium Fluoride Systems

Ammonium Acid Fluorides

x Acid Fluorides

xx Ammonium Fluorides

Ammonium Acid Phosphates

x Acid Phosphates

xx Ammonium Phosphates

Ammonium Acid Sulfates

x Acid Sulfates

Ammonium Aluminum Sulfates

see also Alums

x Ammonium Alums

(Continued)

xx Aluminum Sulfates
Alums
Ammonium Sulfates

Ammonium Alums
see Alums
Ammonium Aluminum Sulfates

Ammonium Benzoates
see Benzoic Acid, Ammonium Salts

Ammonium Beryllium Arsenates
xx Arsenates
Beryllium Arsenates

Ammonium Beryllium Fluorides
see also Ammonium Fluoberyllates
xx Beryllium Fluorides

Ammonium Borates
see also Ammonium Fluoborates
xx Borates

Ammonium Borohydrides
xx Borohydrides

Ammonium Borohydrides, Tetraalkyl-
x Ammonium Borohydrides, Tetramethyl-
Borohydrides, Tetramethylammonium

Ammonium Borohydrides, Tetramethyl-
see Ammonium Borohydrides, Tetraalkyl-

Ammonium Bromide Crystals
xx Bromide Crystals

Ammonium Bromide, (2-Hydroxypropyl)Trimethyl-
see Ammonium Compounds, Quaternary

Ammonium Bromide, Tetraethyl-
see Ammonium Compounds, Quaternary

Ammonium Bromide, Tetraheptyl-
see Ammonium Compounds, Quaternary

Ammonium Bromide, Tetraheptyl-
see Ammonium Compounds, Quaternary

Ammonium Bromide, Tetrapentyl-
see Ammonium Compounds, Quaternary

Ammonium Bromide, Tetrapropyl-
see Ammonium Compounds, Quaternary

Ammonium Bromides
xx Bromides

Ammonium Bromouranates
xx Bromouranates

Ammonium Carbonates
see also Ammonium Uranyl Carbonates
xx Carbonates

Ammonium Cerium Chlorides, Bis(Alkyl)-
xx Cerium Chlorides

Ammonium Cerium Nitrates
xx Ammonium Nitrates
Cerium Nitrates

Ammonium Cerium Sulfates
xx Ammonium Sulfates
Cerium Sulfates

Ammonium Chloride Crystals
xx Chloride Crystals

Ammonium Chloride, Tetraethyl-
see Ammonium Compounds, Quaternary

Ammonium Chlorides
see also Ammonium Plutonium Chlorides, Bis(Alkyl)-
Ammonium Plutonyl Chlorides, Bis(Alkyl)-
Ammonium Uranium Chlorides, Bis(Alkyl)-
Ammonium Uranyl Chlorides, Bis(Alkyl)-
xx Chlorides

Ammonium Chlorides, Methyl-

Ammonium Chlorocuprates
xx Chlorocuprates

Ammonium Chlorogallates
xx Chlorogallates

Ammonium Chloroiodides, Tetraethyl-
xx Chloroiodides

Ammonium Chloroiodides, Tetramethyl-
xx Chloroiodides

Ammonium Chloropolonates
xx Chloropolonates

Ammonium Chloropolonates, Tetramethyl-

x Tetramethylammonium Chloropolonates
xx Chloropolonates

Ammonium Chlorouranates

xx Chlorouranates

Ammonium Chlorouranates, Tetraalkyl-

x Ammonium Uranium Chlorides, Tetraalkyl-

Ammonium Chromates

xx Chromates

Ammonium Chromium Alums

xx Alums

Ammonium Citrates

xx Citrates

Ammonium Cobalt Sulfate Crystals

xx Cobalt Sulfate Crystals
Sulfate Crystals

Ammonium Cobalt Sulfates

xx Ammonium Sulfates
Cobalt Sulfates

Ammonium Compounds

(For compounds with organic substituents see by name of substituents, e.g., Dodecylamine Acetate.)

x Compounds

Ammonium Compounds, Quaternary

x Ammonium Bromide, (2-Hydroxypropyl)trimethyl-
Ammonium Bromide, Tetraethyl-
Ammonium Bromide, Tetraheptyl-
Ammonium Bromide, Tetrapentyl-
Ammonium Bromide, Tetrapropyl-
Ammonium Chloride, Tetraethyl-
Ammonium Fluoride, Tetraethyl-
Ammonium Fluoride, Tetraheptyl-
Ammonium Fluoride, Tetrapentyl-
Ammonium Fluoride, Tetrapropyl-
Ammonium Iodides, Tetramethyl-
Ammonium Nitrates, Tetraethyl-
Compounds
Methyl Bromide
Quaternary Ammonium Compounds

Ammonium Copper Sulfates

xx Copper Sulfates

Ammonium Cyanates

xx Cyanates

Ammonium Fluoaluminates

xx Fluoaluminates

Ammonium Fluoberyllates

xx Ammonium Beryllium Fluorides
Fluoberyllates

Ammonium Fluobismuthates

xx Fluobismuthates

Ammonium Fluoborates

xx Fluoborates

Ammonium Fluocadmates

xx Fluocadmates

Ammonium Fluocobaltates

xx Fluocobaltates

Ammonium Fluocuprates

xx Fluocuprates

Ammonium Fluoferrates

xx Fluoferrates

Ammonium Fluogermanates

xx Fluogermanates

Ammonium Fluoindates

xx Fluoindates

Ammonium Fluomolybdates

see also Ammonium Molybdenum Fluorides
xx Fluomolybdates

Ammonium Fluonickelates

xx Fluonickelates

Ammonium Fluophosphates

xx Ammonium Phosphates
Fluophosphates

Ammonium Fluoride–Ammonium Acid Fluoride Systems*see Ammonium Acid Fluoride–Ammonium Fluoride Systems***Ammonium Fluoride–Ammonium Nitrate Systems****Ammonium Fluoride–Hydrofluoric Acid Systems****Ammonium Fluoride–Hydrogen Peroxide Systems****Ammonium Fluoride–Sodium Fluoride–Water Systems****Ammonium Fluoride, Tetrabutyl-***see Ammonium Compounds, Quaternary***Ammonium Fluoride, Tetraheptyl-***see Ammonium Compounds, Quaternary***Ammonium Fluoride, Tetrapentyl-***see Ammonium Compounds, Quaternary***Ammonium Fluoride, Tetrapropyl-***see Ammonium Compounds, Quaternary***Ammonium Fluoride–Uranyl Fluoride Systems****Ammonium Fluorides***see also Ammonium Acid Fluorides**Ammonium Plutonium(IV) Fluorides**Ammonium Uranium Fluorides**Ammonium Zirconium Fluorides*

xx Fluorides

Ammonium Fluosilicates

xx Fluosilicates

Ammonium Fluostannates

xx Fluostannates

Ammonium Fluothorates

xx Fluothorates

Ammonium Fluotitanates

xx Fluotitanates

Ammonium Fluozirconates

xx Ammonium Zirconium Fluorides

Fluozirconates

Ammonium Formates

xx Formates

Ammonium Halides**Ammonium Hydroxide–Uranyl Nitrate Systems****Ammonium Hydroxides**

xx Hydroxides

Ammonium Hydroxypentachlororuthenates(IV)

xx Ruthenates

Ammonium Hyposulfites

xx Hyposulfites

Ammonium Iodide Crystals

xx Iodide Crystals

Ammonium Iodides

xx Iodides

Ammonium Iodides, Tetramethyl-*see Ammonium Compounds, Quaternary***Ammonium Iodorhenates**

xx Iodorhenates

Ammonium Ions*see also Hydroxylammonium Ions***Ammonium Iron(II) Sulfates**

xx Ammonium Sulfates

Iron Sulfates

Ammonium Lactates

xx Lactates

Ammonium Manganese Fluorides

xx Manganese Fluorides

Ammonium Manganese Sulfates

xx Ammonium Sulfates

Manganese Sulfates

Ammonium Metavanadates

xx Metavanadates

Vanadates

Ammonium Molybdates

xx Molybdates

Ammonium Molybdenum Fluorides

xx Molybdenum Fluorides

Ammonium Molybdophosphates (AMP)*see Ammonium Phosphomolybdates***Ammonium Neodymium Sulfates**

xx Neodymium Sulfates

Ammonium Nickel Sulfates

xx Ammonium Sulfates

Nickel Sulfates

Ammonium Nitrate–Ammonium Fluoride Systems*see Ammonium Fluoride–Ammonium Nitrate Systems***Ammonium Nitrate–Ethyl Ether–Nitric Acid–Uranyl Nitrate Systems****Ammonium Nitrate–Ethyl Ether–Uranyl Nitrate–Water Systems****Ammonium Nitrate–2-Pentanone, 4-Methyl- Systems****Ammonium Nitrate–Toluene, Trinitro- Systems****Ammonium Nitrates***see also Ammonium Cerium Nitrates**Ammonium Uranyl Nitrates*

xx Nitrates

Ammonium Nitrates, *tert*-Butyl-

xx Nitrates

Ammonium Nitrates, Tetrabutyl-*see Ammonium Compounds, Quaternary***Ammonium Oxalate–Mercury Chloride Systems****Ammonium Oxalate–Water Systems****Ammonium Oxalates**

xx Oxalates

Ammonium Oxides

xx Oxides

Ammonium Oxycarbonates*see also Ammonium Plutonium Oxycarbonates*

xx Oxycarbonates

Ammonium Perchlorates

xx Perchlorates

Ammonium Periodates

xx Periodates

Ammonium Perrhenates

xx Perrhenates

Ammonium Pertechnetates

xx Pertechnetates

Ammonium Phosphates*see also Ammonium Acid Phosphates**Ammonium Fluophosphates**Ammonium Uranyl Phosphates*

xx Phosphates

Ammonium Phosphomolybdates

x Ammonium Molybdophosphates

Phosphomolybdates

Ammonium Phosphotungstates

x Phosphotungstates

xx Tungstates

Ammonium Phthalates*see Phthalic Acid, Ammonium Salts***Ammonium Plutonium Chlorides, Bis(Alkyl-**

xx Ammonium Chlorides

Plutonium Chlorides

Ammonium Plutonium(IV) Fluorides

xx Ammonium Fluorides

Plutonium(IV) Fluorides

Ammonium Plutonium Oxalates

xx Plutonium Oxalates

Ammonium Plutonium Oxycarbonates

xx Ammonium Oxycarbonates

Plutonium Oxycarbonates

Ammonium Plutonium(III) Sulfates

xx Ammonium Sulfates

Plutonium Sulfates

Ammonium Plutonium(IV) Sulfates

xx Plutonium Sulfates

Ammonium Plutonyl Carbonates

xx Plutonyl Carbonates

Ammonium Plutonyl Chlorides, Bis(Alkyl-

xx Ammonium Chlorides

Plutonyl Chlorides

Ammonium Plutonyl Oxalates

xx Plutonyl Oxalates

Ammonium Polyphosphates, Tetramethyl-*see Polyphosphates***Ammonium Salts***see also Acetic Acid, Mercapto-, Ammonium Salts**Aurintricarboxylic Acid, Ammonium Salts**Phthalic Acid, Ammonium Salts*

xx Salts

Ammonium Sulfate–Lithium Sulfate–Water Systems**Ammonium Sulfates***see also Ammonium Acid Sulfates**Ammonium Aluminum Sulfates**Ammonium Cerium Sulfates**Ammonium Cobalt Sulfates**Ammonium Iron(II) Sulfates**Ammonium Manganese Sulfates**Ammonium Nickel Sulfates**Ammonium Plutonium(III) Sulfates**Ammonium Uranyl Sulfates**Ammonium Vanadium Sulfates*

xx Sulfates

Ammonium Sulfite–Plutonium Peroxide Systems**Ammonium Sulfites**

xx Sulfites

Ammonium Thioglycolates*see Acetic Acid, Mercapto-, Ammonium Salts***Ammonium Thorium Fluorides***see Ammonium Fluorothorates***Ammonium Thorium Oxalates**

xx Thorium Oxalates

Ammonium Tungsten Fluorides

xx Tungsten Fluorides

Ammonium Tungstophosphates*see Ammonium Phosphotungstates***Ammonium Uranates**

xx Uranates

Ammonium Uranium Chlorides, Bis(Alkyl-

xx Ammonium Chlorides

Uranium Chlorides

Ammonium Uranium Chlorides, Tetraalkyl-*see Ammonium Chlorouranates, Tetraalkyl-***Ammonium Uranium Fluorides**

xx Ammonium Fluorides

Uranium Fluorides

Ammonium Uranyl Arsenates

xx Uranyl Arsenates

Ammonium Uranyl Carbonates

xx Ammonium Carbonates

Uranyl Carbonates

Ammonium Uranyl Chlorides, Bis(Alkyl-

xx Ammonium Chlorides

Uranyl Chlorides

Ammonium Uranyl Nitrates

xx Ammonium Nitrates

Nitrates

Uranyl Nitrates

Ammonium Uranyl Oxalates

xx Uranyl Oxalates

Ammonium Uranyl Phosphates

x Uranyl Ammonium Phosphates

xx Ammonium Phosphates

Uranyl Phosphates

Ammonium Uranyl Salicylates

xx Uranyl Salicylates

Ammonium Uranyl Sulfates

xx Ammonium Sulfates

Uranyl Sulfates

Ammonium Vanadates

xx Vanadates

Ammonium Vanadium Oxides*see Ammonium Vanadates***Ammonium Vanadium Sulfates**

xx Ammonium Sulfates

Vanadium Sulfates

Ammonium Zirconium Fluorides*see also Ammonium Fluozirconates*

xx Ammonium Fluorides

Zirconium Fluorides

Ammunition**Amoeba**

xx Protozoa

Ampelites*see Shales***Amperometric Analysis***see Conductometric Analysis***Amphibians****Amplifiers***see also Electron Tubes*

xx Electronic Equipment

Amsco*see Kerosene***Amyl Acetates***see Acetic Acid, Amyl Ester***Amyl Alcohol**

x 1-Pentanol

tert-Amyl Alcohol*see 2-Butanol, 2-Methyl-***Amylases****Amyloses****Amytal***see Barbituric Acids***Analgesics***see also Anesthetics*

xx Anesthetics

Drugs

Analog Computers*see Computers***Analogs***see Circuits*

Computers

Reactor Simulators

Analysis*see also Activation Analysis**Beta-Diffraction Analysis**Calorimetry**Chemical Analysis**Chromatography**Colorimetry**Combustion Analysis**Conductometric Analysis**Coulometry**Differential Thermal Analysis**Electrochemical Analysis**Electron-Diffraction Analysis**Electrophoresis**Fission-Counting Analysis**Fluorometry**Fluorophotometry**Gamma-Absorption Analysis**Gasometric Analysis**Gravimetric Analysis**Harmonic Analysis**Ion-Scattering Analysis**Isotopic Equilibration**Microanalysis**Nephelometry**Neutron-Absorption Analysis**Neutron-Diffraction Analysis**Organic Analysis**Photometry**Polarography**Potentiometric Analysis*

see also Proton-Scattering Analysis

Pycnometry
Pyrohydrolytic Analysis
Radiation-Scattering Analysis
Radioautography
Radiography
Radiometric Analysis
Refractometry
Spectrophotometry
Spectroscopy
Stress Analysis
Thermal Conductometric Analysis
Vacuum Fusion Analysis
Voltammetry
Volumetric Analysis
X-Ray-Absorption Analysis
X-Ray-Diffraction Analysis

Analyzers

see Computers
Electrostatic Analyzers
Frequency Analyzers
Gas Analyzers
Infrared Gas Analyzers
Oscillographs
Pulse Analyzers
Spectrometers
Viscosity Bridge Analyzers

Anchusin

see Alkannin

ANCO-201 Reactor

see Research Reactors

Andalusites

Anemia

x Sickle Cells
Sicklelema
xx Blood Diseases
Radiation Sickness

Anemometers

see also Meteorological Instruments
x Hot-Wire Anemometers

Anesthesia

see also Anesthetics
xx Anesthetics

Anesthetics

(See also specific compounds used as anesthetics)

see also Analgesics

Anesthesia
xx Analgesics
Anesthesia
Drugs

Angina Pectoris

see Heart Diseases

Anhydrides

see also Acetic Anhydride
Benzoic Anhydride
Boric Anhydride
Maleic Anhydride
Phthalic Anhydride

Anhydrites

see also Calcium Sulfates
xx Calcium Sulfates

Aniline

x Phenylamine

Aniline-Benzene, Bromo- Systems

Aniline, 2,4-Dichloro-

Aniline, N,N-Dimethyl-

Aniline, N,N-Dimethyl-p-Phenylazo-

x Methyl Yellow

Aniline, N-Ethyl-

Aniline, 3-Methoxy-2-Nitro-

Aniline, N-Methyl-N-Nitroso-

Aniline, N-Methyl-N,2,4,6-Tetranitro-

see Tetryl

Animal Care

see also Metabolism Cages

xx Animals

Animal Cells

x Cells
Cells (Animal)
Cells (Biology)

Animal Metabolism

xx Metabolism

Animal Reproduction

see also Litter Sizes

x Reproduction (Animal)

xx Litter Sizes

Animal Respiration

xx Carbon Dioxides
Respiration

Animals

(See also specific animals, e g , Mice)

see also Animal Care

Anion Exchange Materials

x Organic Zeolites
Zeolites
xx Ion Exchange Materials

Anions

xx Ions

Anisic Acid, Ethyl Ester

Anisole

x Benzene, Methoxy-

Anisole, 4,4-Azoxydi-

Anisole Complexes

x Complexes

Annealing

xx Heat Treatment

Anodes

see also Electrodes

xx Electrodes

Anorexia

Anoxia

x Hypoxia

ANP Reactor (CM)

(Circulating moderator)

see ANP Reactors

ANP Reactor (Direct Cycle)

x Direct Cycle Reactors
xx Gas Cooled Reactors

ANP Reactor (H)

(Homogeneous)

see ANP Reactors

ANP Reactor (HC)

(Helium cooled or helium cycle)

see ANP Reactors

ANP Reactor (LM-FP)

(The original ANP Reactor, liquid metal-Fuel pins)

see also Aircraft Reactor Experiment (LM FP)

xx Aircraft Reactor Experiment (LM-FP)
Beryllium Moderated Reactors
Fluid Fuel Reactors
Liquid Metal Cooled Reactors

ANP Reactor (SCW)

x Aircraft Water Reactor
Supercritical Water Reactor (ANP)
xx Enriched Reactors
Heterogeneous Reactors
Power Reactors
Thermal Reactors
Water Moderated Reactors

ANP Reactor (VC)

(Vapor in secondary jet cycle, compressor jet)

see ANP Reactors

ANP Reactors

x ANP Reactor (CM)

- ANP Reactor (H)
- ANP Reactor (HC)
- ANP Reactor (VC)
- xx Aircraft Reactors
- Antenna Tuning Devices**
 - x Tuning Devices
 - xx Equipment and Procedures
- Antennas**
- Anthers**
- Anthracene**
- Anthracene, 9-Acetyl-**
 - x Ketone, Anthryl Methyl
- Anthracene Crystals**
 - xx Crystals
- Anthracene, Diphenyl-**
- Anthracene-Hexene Systems**
- Anthragallol**
 - x Anthraquinone, 1,2,3 Trihydroxy-
- Anthranilic Acid**
 - x Benzoic Acid, o-Amino-
- Anthranilic Acid, 3-Hydroxy-**
- Anthranilic Acid, 5-Iodo-**
- Anthraquinone**
- Anthraquinone, 1,4-Dihydroxy-**
 - see Quinizarin
- Anthraquinone, 1,4,5,8-Tetrahydroxy-**
- Anthraquinone, 1,2,3-Trihydroxy-**
 - see Anthragallol
- Anti-Seize Compounds**
 - see Lubricants
- Antibiotic Therapy**
 - x Therapy
- Antibiotics**
 - (See also specific antibiotics, e g, Streptomycin, Penicillin, and Chloramphenicol)
 - see also Mitomycins
- Antiblast Closures**
 - see Valves
- Antibodies**
 - x Bodies
- Antifebrin**
 - see Acetanilide
- Antiferromagnetic Materials**
 - see also Ferromagnetic Materials
 - xx Ferromagnetic Materials
- Antigens**
- Antiheparin Drugs**
 - x Coanesin
 - xx Drugs
- Antihistaminic Drugs**
 - (See also specific drugs)
 - xx Drugs
- Antihyperons**
 - xx Hyperons
- Antihyperons (Λ)**
- Antihyperons (Λ^0)**
- Antihyperons (Σ)**
- Antihyperons (Σ^-)**
- Antihyperons (Σ^0)**
- Antihyperons (Σ^+)**
- Antihyperons (Ξ)**
- Antihyperons (Ξ^-)**
- Antihyperons (Ξ^0)**
- Antihyperons (Ξ^+)**
- Antimesons**
 - see Mesons
- Antimonates**
 - see also Cobalt Antimonates
 - Fluorantimonates
 - Manganese Antimonates
 - Nickel Antimonates
 - Potassium Antimonates
 - see also Rubidium Antimonates
 - Strontium Antimonates
- Antimonides**
 - see Antimony Alloys
- Antimonites**
 - see also Cesium Chloroantimonites
- Antimony**
- Antimony (Liquid)**
- Antimony Alloys**
 - x Antimonides
- Antimony-Aluminum Alloys**
 - see Aluminam-Antimony Alloys
- Antimony-Aluminum Couples**
 - see Aluminum-Antimony Couples
- Antimony-Aluminum-Gallium Alloys**
 - see Aluminum-Antimony-Gallium Alloys
- Antimony-Aluminum-Tellurium Systems**
 - see Aluminum-Antimony-Tellurium Systems
- Antimony Arsenates**
 - xx Arsenates
- Antimony-Bismuth Alloys**
- Antimony-Bismuth-Lead Alloys**
- Antimony-Bismuth-Tin Alloys**
- Antimony Bromides**
- Antimony-Cadmium Alloys**
- Antimony-Cadmium-Lead Alloys**
- Antimony-Cadmium-Tin Alloys**
- Antimony-Cesium Alloys**
- Antimony-Cesium Cathodes**
- Antimony Chloride Complexes**
 - xx Chloride Complexes
- Antimony Chlorides**
- Antimony-Chromium Alloys**
- Antimony-Chromium-Manganese Alloys**
- Antimony Compacts**
- Antimony Compounds**
- Antimony-Copper Alloys**
- Antimony-Copper-Selenium Systems**
- Antimony-Copper-Tin Alloys**
 - x Babbitt
- Antimony Crystals**
- Antimony Deuterides**
 - xx Deuterides
- Antimony-Erbium Alloys**
- Antimony Fluoride-Bromine Fluoride-Potassium Fluoride Systems**
- Antimony Fluoride-Bromine Fluoride Systems**
- Antimony Fluoride-Lithium Fluoride Systems**
- Antimony Fluorides**
 - see also Lithium Antimony Fluorides
- Antimony-Gadolinium Alloys**
- Antimony-Gallium Alloys**
- Antimony-Gallium-Germanium Alloys**
- Antimony-Gallium-Indium Alloys**
- Antimony-Germanium Alloys**
- Antimony-Gold-Tin Alloys**
- Antimony-Holmium Alloys**
- Antimony Hydrides**
- Antimony-Indium Alloys**
- Antimony Iodides**
- Antimony Ions**
- Antimony-Iron Alloys**
- Antimony Isotopes**
- Antimony Isotopes Sb¹¹³**
- Antimony Isotopes Sb¹¹⁵**
- Antimony Isotopes Sb¹¹⁶**
- Antimony Isotopes Sb¹¹⁷**
- Antimony Isotopes Sb¹¹⁸**
- Antimony Isotopes Sb¹¹⁹**
- Antimony Isotopes Sb¹²⁰**
- Antimony Isotopes Sb¹²¹**
- Antimony Isotopes Sb¹²²**

Antimony Isotopes Sb¹²³
Antimony Isotopes Sb¹²⁴
Antimony Isotopes Sb¹²⁵
Antimony Isotopes Sb¹²⁶
Antimony Isotopes Sb¹²⁷
Antimony Isotopes Sb¹²⁸
Antimony Isotopes Sb¹²⁹
Antimony Isotopes Sb¹³⁰
Antimony Isotopes Sb¹³¹
Antimony Isotopes Sb¹³²
Antimony Isotopes Sb¹³³
Antimony Isotopes Sb¹³⁴
Antimony-Lead Alloys
Antimony-Lead-Tellurium Systems
Antimony-Lithium Alloys
Antimony Lithium Fluorides
see Lithium Antimony Fluorides
Antimony-Magnesium Alloys
Antimony-Magnesium-Zirconium Alloys
Antimony-Manganese Alloys
Antimony-Neptunium Alloys
Antimony-Niobium Alloys
Antimony-Niobium-Zirconium Alloys
Antimony Oxides
Antimony-Plutonium Alloys
Antimony-Rhodium Alloys
Antimony-Rubidium Alloys
Antimony-Selenium-Silver Systems
Antimony-Selenium Systems
Antimony-Silver Alloys
Antimony-Silver Couples
Antimony-Silver-Tellurium Systems
Antimony-Sodium Alloys
Antimony Sulfides
Antimony Sulfides (Liquid)
Antimony-Tellurium Systems
Antimony-Terbium Alloys
Antimony-Thorium Alloys
Antimony-Tin Alloys
Antimony-Tin Couples
Antimony-Tin-Zirconium Alloys
Antimony-Titanium Alloys
Antimony-Uranium Alloys
Antimony-Vanadium Alloys
Antimony-Zinc Alloys
Antimony-Zirconium Alloys
Antineutrinos
xx Neutrinos
Antineutron Beams
x Beams
xx Neutron Beams
Antineutrons
xx Neutrons
Antinucleons
xx Nucleons
Antioxidants
xx Corrosion Inhibitors
Antiparticles
xx Elementary Particles
Antiproton Beams
x Beams
Antiprotons
xx Protons
Antipyrine
x 3-Pyrazole 1,5-Dimethyl-2-Phenyl-
Antithrombin
xx Thrombin
Antler Operation
x Operations
Antlerites
xx Copper Minerals
Apatites

see also Pyromorphites

x Fluorapatites

APDA Reactor

see Fermi Fast Breeder Reactor

Aphthitalites

see also Potassium Sodium Sulfates

x Arcanites

Glaserites

xx Potassium Sodium Sulfates

Aplites

Apoferitin

Apotrons

xx Calutrons

Mass Spectrometers

Apparatus

see Equipment and Procedures

Appendix

Applied Psychology

see Psychology

APPR

see Army Reactors (SM-1)

Aqua Regia

see Hydrochloric Acid-Nitric Acid Systems

Aquilon Reactor

see Saclay Reactors (Aquilon)

Arabinose

xx Monosaccharides

Arachidic Acid

Arachidonic Acid

Arachnicides

see Insecticides

Arachnids

x Mites

Aragonites

Arbor Reactor

x Argonne Boiling Reactor Facility

xx Boiling Reactors

Power Reactors

Research Reactors

Arc Furnaces

see Electric Arc Furnaces

Arcanites

see Aphthitalites

Archeological Specimens

see also Fossils

x Artifacts

Arco Chemical Plant

see also National Reactor Testing Station

x Idaho Chemical Plant

xx Plants

Arcs

see Carbon Arcs

Dielectric Breakdown

Electric Arcs

Tungsten Arcs

ARE

see Aircraft Reactor Experiment

Argentates

see also Cyanoargentates

xx Silver Compounds

Argentocyanides

see Cyanoargentates

Arginine

x Valeric Acid, α -Amino- β -Guanidino-

Argon

see also Rare Gases

Argon (Liquid)

Argon (Solid)

Argon-Carbon Dioxide Systems

Argon-Carbon Monoxide Systems

Argon Compounds

Argon-Ethanol Systems

Argon-Ethane Systems
Argon-Ethylene Systems
Argon-Graphite Systems
Argon-Helium Systems
Argon-Hydrogen Systems
Argon-Iodine Systems
Argon Ions
Argon Isotopes
Argon Isotopes Ar³⁵
Argon Isotopes Ar³⁶
Argon Isotopes Ar³⁷
Argon Isotopes Ar³⁸
Argon Isotopes Ar³⁹
Argon Isotopes Ar⁴⁰
Argon Isotopes Ar⁴¹
Argon Isotopes Ar⁴²
Argon-Krypton Systems
Argon-Krypton-Xenon Systems
Argon-Mercury Systems
Argon-Methane Systems
Argon-Neon Systems
Argon-Nitrogen Systems
Argon-Oxygen Systems
Argon-Radon Systems
Argon-Uranium Oxide Systems
Argon-Uranium(IV) Oxide Systems
Argon-Xenon Systems
Argonaut Reactor
 x Argonne Naught Power Reactor
 SNSE Reactor
 xx Graphite Moderated Reactors
 Research Reactors
 Water Moderated Reactors
Argonne Boiling Reactor Facility
 see Arbor Reactor
Argonne Fast Reactor
 see Experimental Breeder Reactor
Argonne Fast Source Reactor
 x AFSR
 Fast Source Reactor
 FSR
 xx Fast Reactors
 Research Reactors
Argonne Fluoride Volatility Process
 see Fluoride Volatility Processes
Argonne Graphite Reactor
 xx Graphite Moderated Reactors
 Heterogeneous Reactors
 Thermal Reactors
Argonne Heavy Water Reactor
 xx Heavy Water Reactors
 Heterogeneous Reactors
 Thermal Reactors
Argonne High Flux Research Reactor
 x AHFR
 High Flux Research Reactor
 xx Research Reactors
 Water Moderated Reactors
Argonne Isotope Production Reactor
 see Production Reactors
Argonne Low Power Reactor
 see Army Reactors (SL-1)
Argonne Low Power Research Reactor
 x Juggernaut
 xx Graphite Moderated Reactors
 Research Reactors
 Water Cooled Reactors
Argonne Mighty Mouse Research Reactor
 x Mighty Mouse Reactor
 xx Heavy Water Reactors
 Research Reactors
Argonne Naught Power Reactor

see Argonaut Reactor
Argonne Neutron Production Reactor
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 xx Heavy Water Reactors
 Heterogeneous Reactors
 Neutron Production Reactor
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 Zero Power Reactor (Mark II)
Argonne Power Breeder Reactor
 x PBR
 xx Power Breeder Reactors
Argonne Reactors
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 Argonaut Reactor
 Argonne Fast Source Reactor
 Argonne Graphite Reactor
 Argonne Heavy Water Reactor
 Argonne High Flux Research Reactor
 Argonne Low Power Research Reactor
 Argonne Mighty Mouse Research Reactor
 Argonne Neutron Production Reactor
 Argonne Power Breeder Reactor
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 Experimental Boiling Water Reactor
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 Submarine Thermal Reactor
 West Stands Reactor
Argonne Research Reactor
 xx Enriched Reactors
 Heavy Water Reactors
 Heterogeneous Reactors
 Research Reactors
 Thermal Reactors
Argonne Synchrotron
 x Argonne Zero Gradient Synchrotron
 Zero Gradient Synchrotron
 ZGS
 xx Synchrotrons
Argonne Transient Reactor Test
 see Reactor Safety Experiments
Argonne Zero Gradient Synchrotron
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Argus Operation
 x Operations
Armor Plate
 xx Plates
Armour Dust Fueled Reactor
 x ADFR
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 Power Reactors
Armour Research Reactor
 x ARR
 xx Homogeneous Reactors
 Research Reactors
Army Compact Reactor Experiments
 x ACRE-I
 ACRE-II
 xx Gas Cooled Reactors
 Package Power Reactors
Army Gas Cooled Reactor
 x AGCR
 xx Gas Cooled Reactors
 Package Power Reactors
Army Logistical Carrier
Army Package Power Reactor
 see Army Reactors (SM-1)
Army Reactors
 (Specific army reactors may be identified by ANPP designation,

e.g., Army Reactors (PM-1). See also specific reactors listed below)

see also Army Compact Reactor Experiments

Army Gas Cooled Reactor

Gas Cooled Reactor Experiment

Gas Cooled Reactor Experiment-II

Army Reactors (ML-1)

x Gas Cooled Systems Experiment

GCSE

ML-1

PGCR

Portable Gas Cooled Reactor

xx Gas Cooled Reactors

Package Power Reactor

Army Reactors (PL-1)

x PL-1

xx Boiling Reactors

Power Reactors

Army Reactors (PL-2)

x PL-2

xx Boiling Reactors

Power Reactors

Army Reactors (PM-1)

x PM-1

xx Package Power Reactors

Pressurized Water Reactors

Army Reactors (PM-2)

x PM-2

xx Package Power Reactors

Pressurized Water Reactors

Army Reactors (PM-3)

x PM-3

xx Package Power Reactors

Pressurized Water Reactors

Army Reactors (SL-1)

x ALPHA

ALPR

Argonne Low Power Reactor

SL-1

xx Boiling Reactors

Package Power Reactors

Army Reactors (SM-1)

x APPR-1

Army Package Power Reactor

SM-1

xx Package Power Reactors

Pressurized Water Reactors

Army Reactors (SM-2)

x SM-2

xx Power Reactors

Aromatic Compounds

see Hydroaromatic Compounds

ARR

see Armour Research Reactor

Arsanilic Acid

Arsenate Ions

Arsenates

see also Ammonium Beryllium Arsenates

Antimony Arsenates

Beryllium Arsenates

Bismuth Arsenates

Bismuth Uranium Arsenates

Chromium Arsenates

Plutonium Arsenates

Potassium Acid Arsenates

Rare Earth Arsenates

Sodium Arsenates

Uranium Arsenates

Uranyl Acid Arsenates

Arsenic

Arsenic-Aluminum-Gallium Systems

see Aluminum-Arsenic-Gallium Systems

Arsenic-Aluminum Systems

see Aluminum-Arsenic Systems

Arsenic-Boron Systems

Arsenic Bromide-Aluminum Bromide Systems

see Aluminum Bromide-Arsenic Bromide Systems

Arsenic Bromides

Arsenic-Calcium Systems

Arsenic-Carbon-Iron Systems

Arsenic Chloride-Ethyl Ether Systems

Arsenic Chlorides

Arsenic Compounds

Arsenic-Copper Systems

Arsenic Fluorides

Arsenic-Gallium-Germanium Systems

Arsenic-Gallium-Phosphorus Systems

Arsenic-Gallium Systems

Arsenic Hydrides

see also Arsine

Biasine

Arsenic-Indium-Selenium Systems

Arsenic Iodides

Arsenic Ions

Arsenic Ions (Recoil)

xx Recoil Ions

Arsenic-Iron Systems

Arsenic Isotopes

Arsenic Isotopes As⁶⁹

Arsenic Isotopes As⁷⁰

Arsenic Isotopes As⁷¹

Arsenic Isotopes As⁷²

Arsenic Isotopes As⁷³

Arsenic Isotopes As⁷⁴

Arsenic Isotopes As⁷⁵

Arsenic Isotopes As⁷⁶

Arsenic Isotopes As⁷⁷

Arsenic Isotopes As⁷⁸

Arsenic Isotopes As⁷⁹

Arsenic Isotopes As⁸⁰

Arsenic Isotopes As⁸¹

Arsenic-Lead Systems

Arsenic Magnesium Oxides

see Magnesium Arsenic Oxides

Arsenic-Magnesium Systems

Arsenic Oxides

see also Magnesium Arsenic Oxides

Arsenic-Palladium Systems

Arsenic-Selenium Systems

Arsenic Sulfides

Arsenic-Titanium Systems

Arsenic Tritides

xx Tritides

Arsenic-Vanadium Systems

Arsenic-Zirconium Systems

Arsenides

(See also arsenides of specific elements)

Arsenite Ions

Arsine

xx Arsenic Hydrides

Arsine, Chlorodiphenyl-

Arsine, Cyanodiphenyl-

Arsine, Dichloro(2-chlorovinyl)-

see Lewisite

Arsine, Dichloroethyl-

Arsine, Dichloromethyl-

Arsine, Dichlorophenyl-

Arsine, Triphenyl-

Arsonates

see also Phenylarsonates

Plutonium Arsonates

Plutonium Phenylarsonates

Arsonic Acids

see also Arsanilic Acid

Benzene arsonic Acid

Arsonium Compounds

- x Compounds
- xx Tetraphenylarsonium Compounds

ART

- see Aircraft Reactor Test*

Arteries

- see Blood Vessels*

Arthropods

- see also Arachnids*
- Crustacea
- Insects

Artifacts

- see Archeological Specimens*

Aryl Halides

- xx Halides

Asbestos

- x Chrysotiles
- xx Filter Materials

Ascorbic Acid

- (See also Vitamin C for L-ascorbic acid)*
- xx Vitamin C

ASFR

- see Submarine Reactors (S5W)*

Ashcan Project**Asparagine**

- x Succinamic Acid α -Amino-

Asparagine, Chloroacetyl-**1-Asparagine, Glycyl-****1-Asparagine, Leucyl-****Asparaginic Acid**

- see Aspartic Acid*

Aspartic Acid

- x Asparaginic Acid
- Succinic Acid Amino-

Aspergillus Fumigatus Extracts

- x Extracts

Asphalt**Asphaltites****Aspirin**

- see Acetylsalicylic Acid*

Astatine

- see also Halogens*

Astatine Compounds**Astatine Isotopes****Astatine Isotopes At²⁰²****Astatine Isotopes At²⁰³****Astatine Isotopes At²⁰⁴****Astatine Isotopes At²⁰⁵****Astatine Isotopes At²⁰⁶****Astatine Isotopes At²⁰⁷****Astatine Isotopes At²⁰⁸****Astatine Isotopes At²⁰⁹****Astatine Isotopes At²¹⁰****Astatine Isotopes At²¹¹****Astatine Isotopes At²¹³****Astatine Isotopes At²¹⁵****Astatine Isotopes At²¹⁶****Astatine Isotopes At²¹⁷****Astatine Isotopes At²¹⁸****Astatine Isotopes At²¹⁹****ASTR**

- see Aircraft Shield Test Reactor*

Astron

- see Thermonuclear Reactors*

Astronautics

- see also Space Flight*

Astrophysics

- xx Physics

ATA

- see Amino-tricarboxylic Acid*

Atherosclerosis

- x Sclerosis

Atmosphere

see also Air

- Chemosphere
- Exosphere
- Ionosphere
- Meteorology
- Ozonosphere
- Stack Disposal
- Stratosphere
- Troposphere

xx Air

Meteorology

Atmosphere Exposure Chambers

- x Dust Exposure Chambers
- Exposure Chambers

Atmospheres

see also Reactor Atmospheres

- x Ambient Air Systems
- xx Furnaces

Atomic Beams

- x Beams

Atomic Bomb Explosions

see Atomic Explosions

Atomic Bombs

see Atomic Weapons

Atomic Clouds

see also Explosion Clouds

- xx Clouds

Explosion Clouds

Atomic Constants

- xx Constants and Conversion Factors

Atomic Energy

see also Atomic Weapons

Inspection and Control

Nuclear Power

- x Energy

Atomic Energy Commission**Atomic Explosions**

(See also sites of explosions, e g , Hiroshima and Nagasaki)

see also Bomb Damage Surveys

High-altitude Explosions

Radiological Warfare

Thermonuclear Explosions

Underground Explosions

Underwater Explosions

- x Atomic Bomb Explosions

Atomic Weapon Tests

Nuclear Explosions

Surface Bursts (Atomic)

Underground Bursts (Atomic)

Underwater Bursts (Atomic)

- xx Atomic Weapons

Explosions

Atomic Masses**Atomic Models****Atomic Moments**

see Electric Moments

Magnetic Moments

Atomic Physics

- xx Physics

Atomic Power

see Nuclear Power

Atomic Power Development Associates Reactor

see Fermi Fast Breeder Reactor

Atomic Structure**Atomic Weapon Tests**

see Atomic Explosions

Atomic Weapons

see also Atomic Explosions

Radiological Defense

Radiological Warfare

Thermonuclear Weapons

x Atomic Bombs
Nuclear Weapons
Weapons

xx Air Warfare
Atomic Energy
Explosives
Warfare

Atomization
see also Aerosol Generators

xx Aerosols
Liquids

Atoms
see also Mesic Atoms

ATP (Adenosine triphosphate)
see Adenosinephosphoric Acids

ATR (Advanced Test Reactor)
see Advanced Test Reactor

ATR (SAR)
see Submarine Advanced Reactor

Atropine

Attapulgites
xx Clays

Attenuators
see Radiofrequency Attenuators

Audio Pulse Type Radiation Detection Instruments
see Radiation Detection Instruments (Audio Pulse Type)

Audiofrequency Spectroscopy
see Nuclear Audiofrequency Spectroscopy

Audiometry

Auditory Organs
x Ears

Auger Electrons
xx Electrons

Aurates
see also Chloraurates
Cyanaurates

Aureomycin
see Chlortetracycline

Aurintricarboxylic Acid
xx Organic Acids

Aurintricarboxylic Acid, Ammonium Salts
x Aluminum
xx Ammonium Salts

Auroral Storms
x Storms

Austenite
xx Iron
Steel

Austenitic Steel
see Stainless Steel (Austenitic)

Autoclaves
see Pressure Vessels

Automobiles
see Vehicles

Autonomic Drugs
xx Drugs

Autopsies

Autoradiographic Analysis
see Radioautography

Autoradiography
see Radioautography

Autotitrator
see Titration Equipment

Autunites
xx Uranites
Uranium Minerals

Auxins

Aviation Personnel
xx Personnel

Axial Flow Compressors
xx Compressors

8-Azaadenine

8-Azaguanine

6-Azaauracil

Azeotropes

Azides
see also Benzoyl Azide
Cesium Azides
Hydrazoic Acid
Lead Azides
Potassium Azides
Rubidium Azides
Sodium Azides

xx Hydrazoic Acid

Azine
see Pyridine

Aziridines
xx Ethylenimine

Azo Dyes
xx Dyes

Azobenzene, 4-Chloro-Azobenzene, Dimethylamino-
x Benzene Dimethylamino Azo
Butter Yellow

Azobenzene-Stilbene Systems

Azoethane, 1,1'-Diphenyl-

Azomethane

Azomethane, Hexafluoro-

Azulene
x Cyclopentacycloheptene

Azure A

B

Babbitt
see Antimony-Copper-Tin Alloys

Bacteremia
xx Infections

Bacteria
(*See also specific organisms and classes*)
see also Escherichia Coli
Pneumococci
xx Microorganisms

Bacterial Slimes
x Slimes
xx Waste Disposal

Bacteriophages

Baddeleyites

BAETA
see Acetic Acid, Oxybis(Ethylenenitrilo)Tetra-

BAL (British Anti-Lewisite)
see 1 Propanol 2,3 Dimercapto

Balances
x Microbalances
Thermobalances
Weighing

Balata
see also Chicla
xx Chicla

Ball Clay
xx Clays

Ball Lightning
see Lightning

Ball Mills
x Mills

Ballistic Missiles
see Guided Missiles

Ballistics

Balloons
x Sounding Balloons

Barbituric Acid, 5-Ethyl 5-Isoamyl
see Barbituric Acids

Barbituric Acids
x Amytal
Barbituric Acid 5 Ethyl 5-Isoamyl

Baria*see Barium Oxides***Barite Concretes**xx Barites
Concretes**Barites***see also Barite Concretes**Barium Sulfates*

x Barytes

Barium*see also Alkaline Earth Metals*

xx Alkaline Earth Metals

Barium Acid Phosphatesx Acid Phosphates
Barium Hydrogen Phosphates
xx Barium Phosphates**Barium Adipates***see Adipic Acid, Barium Salts***Barium Aluminate–Rhenium Compacts****Barium Aluminate–Rhenium Electrodes****Barium-Aluminum Alloys***see Aluminum–Barium Alloys***Barium–Barium Chloride Systems****Barium–Beryllium Alloys****Barium–Bismuth Alloys****Barium Borides**

xx Borides

Barium Boronitrides

xx Boronitrides

Barium Bromide–Barium Fluoride Systems**Barium Bromides****Barium–Calcium Alloys****Barium Calcium Titanates**

xx Calcium Titanates

Barium Carbides**Barium Carbonate–Rhenium–Strontium Carbonate Compacts****Barium Carbonates****Barium Chloride–Barium Nitrate–Calcium Chloride–Calcium Nitrate Systems****Barium Chloride–Barium Systems***see Barium–Barium Chloride Systems***Barium Chloride–Lithium Chloride Systems****Barium Chloride–Plutonium Chloride Systems****Barium Chloride–Potassium Chloride–Uranium(III) Chloride Systems****Barium Chloride–Rubidium Chloride Systems****Barium Chloride–Sodium Chloride Systems****Barium Chloride–Strontium Chloride Systems****Barium Chlorides****Barium Chromates**

xx Chromates

Barium Citrates

xx Citrates

Barium Coatings

xx Coatings

Barium Complexes**Barium Compounds****Barium Films****Barium Fluochlorates**

xx Fluochlorates

Barium Fluoride–Barium Bromide Systems*see Barium Bromide–Barium Fluoride Systems***Barium Fluoride–Beryllium Fluoride Systems****Barium Fluoride–Bromine Fluoride Systems****Barium Fluoride–Calcium Fluoride–Lithium Fluoride Systems****Barium Fluoride Crystals**

xx Fluoride Crystals

Barium Fluoride–Lithium Fluoride–Magnesium Fluoride Systems**Barium Fluoride–Magnesium Fluoride Systems****Barium Fluoride–Uranium(III) Fluoride Systems****Barium Fluoride–Uranium(IV) Fluoride Systems****Barium Fluorides****Barium Fluoruthenates**

x Barium Ruthenium Fluorides

xx Fluoruthenates

Barium Fluozirconates

xx Fluozirconates

Barium Germanates

xx Germanates

Barium Glass

xx Glass

Barium Hydrides**Barium Hydrogen Phosphates***see Barium Acid Phosphates***Barium Hydroxide–Sodium Hydroxide Systems****Barium Hydroxide–Strontium Hydroxide Systems****Barium Hydroxides****Barium Hydroxides (Liquid)****Barium Hypophosphates**

xx Hypophosphates

Barium Iodides**Barium Ions****Barium Isotopes****Barium Isotopes Ba¹²⁸****Barium Isotopes Ba¹²⁷****Barium Isotopes Ba¹²⁶****Barium Isotopes Ba¹²⁹****Barium Isotopes Ba¹³⁰****Barium Isotopes Ba¹³¹****Barium Isotopes Ba¹³²****Barium Isotopes Ba¹³³****Barium Isotopes Ba¹³⁴****Barium Isotopes Ba¹³⁵****Barium Isotopes Ba¹³⁶****Barium Isotopes Ba¹³⁷****Barium Isotopes Ba¹³⁸****Barium Isotopes Ba¹³⁹****Barium Isotopes Ba¹⁴⁰****Barium Isotopes Ba¹⁴¹****Barium Isotopes Ba¹⁴²****Barium Isotopes Ba¹⁴³****Barium Isotopes Ba¹⁴⁴****Barium Lanthanum Titanates**

xx Lanthanum Titanates

Barium Lead Niobates

xx Lead Niobates

Barium–Lithium Alloys**Barium–Magnesium Alloys****Barium–Mercury Alloys****Barium Molybdates**

xx Molybdates

Barium Niobate–Barium Titanate Systems**Barium Nitrate–Barium Chloride–Calcium Chloride–Calcium Nitrate Systems***see Barium Chloride–Barium Nitrate–Calcium Chloride–Calcium Nitrate Systems***Barium Nitrate–Silver Nitrate Systems****Barium Nitrate–Uranyl Nitrate Systems****Barium Nitrates****Barium Nitrites**

xx Nitrites

Barium Oxalates

xx Oxalates

Barium Oxide–Aluminum Oxide–Calcium Oxide Systems*see Aluminum Oxide–Barium Oxide–Calcium Oxide Systems***Barium Oxide–Aluminum Oxide–Silicon Oxide Systems***see Aluminum Oxide–Barium Oxide–Silicon Oxide Systems***Barium Oxide–Aluminum Oxide–Strontium Oxide Systems***see Aluminum Oxide–Barium Oxide–Strontium Oxide Systems***Barium Oxide–Aluminum Oxide Systems***see Aluminum Oxide–Barium Oxide Systems*

Barium Oxide–Beryllium Oxide Systems**Barium Oxide Crystals**

xx Oxide Crystals

Barium Oxide–Germanium Systems**Barium Oxide–Iron(III) Oxide Systems****Barium Oxide–Niobium Oxide Systems****Barium Oxide–Silicon Oxide Systems****Barium Oxide–Tin Oxide–Titanium Oxide Systems****Barium Oxide–Titanium Oxide Systems****Barium Oxide–Titanium Oxide–Zirconium Oxide****Systems****Barium Oxide–Titanium Systems****Barium Oxide–Tungsten Systems****Barium Oxide–Uranium Oxide Systems****Barium Oxide–Zirconium Oxide Systems****Barium Oxides**x Baria
Baryta**Barium Perchlorate–Sodium Perchlorate Systems****Barium Perchlorates**

xx Perchlorates

Barium Permanganates

xx Permanganates

Barium Peroxides

xx Peroxides

Barium Phosphates*see also Barium Acid Phosphates***Barium Plutonates**

xx Plutonates

Barium–Polonium Alloys**Barium Ruthenium Fluorides***see Barium Fluoruruthenates***Barium Salts***see also Adipic Acid, Barium Salts***Barium Selenates**

xx Selenates

Barium Selenides

xx Selenides

Barium Silicates

xx Silicates

Barium–Sodium Alloys**Barium Stannate–Barium Titanate Systems****Barium Stannates**

xx Stannates

Barium Stearates

xx Stearates

Barium Strontium Oxides

xx Strontium Oxides

Barium Sulfate Powders

xx Sulfate Powders

Barium Sulfatesx Barytes
xx Barites**Barium Sulfide Crucibles**

xx Sulfide Crucibles

Barium Sulfides**Barium Tantalates**

xx Tantalates

Barium Tartratonobates

xx Tartratonobates

Barium Tellurides

xx Tellurides

Barium Thorates

xx Thorates

Barium Titanate–Barium Niobate Systems*see Barium Niobate–Barium Titanate Systems***Barium Titanate–Barium Stannate Systems***see Barium Stannate–Barium Titanate Systems***Barium Titanate–Barium Zirconate Systems****Barium Titanate–Calcium Titanate Systems****Barium Titanate Crystals**

xx Titanate Crystals

Barium Titanate–Lanthanum Aluminate Systems**Barium Titanate–Lead Titanate Systems****Barium Titanate–Lead Zirconate Systems****Barium Titanate–Strontium Titanate Systems****Barium Titanates**

xx Titanates

Barium Uranates

xx Uranates

Barium Uranites

xx Uranites

Barium Uranium Oxalates

xx Uranium Oxalates

Barium Uranyl Arsenates

xx Uranyl Arsenates

Barium Uranyl Carbonates

xx Uranyl Carbonates

Barium Uranyl Phosphates

xx Uranyl Phosphates

Barium–Zinc Alloys**Barium Zirconate–Barium Titanate Systems***see Barium Titanate–Barium Zirconate Systems***Barium Zirconates**

xx Zirconates

Barium Zirconium Silicate–Aluminum Titanate Systems*see Aluminum Titanate–Barium Zirconium Silicate Systems***Barium Zirconium Silicates**

xx Zirconium Silicates

Barley**Barnesites**

xx Vanadium Minerals

Barometers*see also Manometers*

x Meters

Barriers*see also Gaseous Diffusion Plants**Gaseous Diffusion Process*

x Gaseous Diffusion

xx Gaseous Diffusion Process

Bartonellosis**Bartow Clay***see Florida Leached Zone Material***Baryons***see Hyperons**Nucleons***Baryta***see Barium Oxides***Barytes***see Barites**Barium Sulfates***Basal Metabolism***see also Metabolism*

xx Metabolism

Base Exchange*see Ion Exchange***Base Exchange Compounds***see Cation Exchange Materials***Bases***see also Hydroxides***Bassetites**

xx Uranium Minerals

Bastnaesites**Batholiths****Baths***see Liquid Baths***Bats****Batteries***see also Alkaline Batteries**Dry Batteries**Nuclear Batteries**Solar Batteries**Storage Batteries***Batyl Alcohol***see 1,2-Propanediol, 3-(Octadecyloxy)-*

Bauxite

- xx Absorbents
- Boehmites

Bayleyites**BBRR**

see Brookhaven Beam Research Reactor

Beaches**Beam Holes**

see Reactor Experimental Facilities

Beam Research Reactor (Brookhaven)

see Brookhaven Beam Research Reactor

Beams

- see Alpha Beams*
- Antineutron Beams*
- Atomic Beams*
- Beryllium Ion Beams*
- Carbon Ion Beams*
- Carbon Ion Beams (C¹²)*
- Carbon Ion Beams (C¹³)*
- Charged Particle Beams*
- Deuteron Beams*
- Electron Beams*
- Helium Ion Beams (He³)*
- Ion Beams*
- Lithium Ion Beams*
- Meson Beams*
- Molecular Beams*
- Neutron Beams*
- Nitrogen Ion Beams*
- Oxygen Ion Beams (O¹⁶)*
- Positron Beams*
- Proton Beams*
- Sodium Ion Beams*
- Tritium Ion Beams*
- X-Ray Beams*

Beans

see also Soybeans

Bearing Materials**Bearings**

(For application of bearings *see also specific equipment* For gas bearings particularly *see also Blowers and Motors*)

see also Journal Bearings

Becquerelites

- xx Uranium Minerals

Behavior

see also Psychology

Belgian Reactor-1

- x BR-1
- xx Gas Cooled Reactors
- Graphite Moderated Reactors
- Research Reactors

Belgian Reactor-2

- x BR-2
- xx Research Reactors

Belgian Reactor-3

- x BR-3
- xx Research Reactors

Belgian Thermal Reactor

see Belgian Reactor-3

Bellows

see also Valves

- x Sylphons

Benadryl

see Ethylamine, 2-(Benzhydryloxy)-N,N-Dimethyl-

Beneficiation

see Chemical Beneficiation
Mechanical Beneficiation
Mineral Beneficiation

Benemid

see Benzoic Acid, p-(Dipropylsulfamyl)-

Bentonites

see also Montmorillonites

- xx Aluminum Silicates
- Clays
- Montmorillonites

Benzacridines**Benzaldehyde****Benzaldehyde, Nitro-****Benzamide, 3-Methoxy-2-Nitro-****Benzamide, Trimethoxy-**

see Tigan

Benzantracene

- x Tetraphene

Benzazide

see Benzoyl Azide

Benzedrine

see Phenethylamine, α -Methyl-

Benzene**Benzene-Acetone, Thenoyltrifluoro--Dysprosium Systems**

see Acetone, Thenoyltrifluoro--Benzene--Dysprosium Systems

Benzene-Acetone, Thenoyltrifluoro- Systems

see Acetone, Thenoyltrifluoro--Benzene Systems

Benzene-Alcohol Systems

see Alcohol--Benzene Systems

Benzene, Alkyl-- Lead Systems**Benzene-Ammonia Systems**

see Ammonia--Benzene Systems

Benzene-Biphenyl Systems**Benzene, Bis(Trichloromethyl)-**

- x $\alpha,\alpha,\alpha',\alpha',\alpha'$ -Hexachloroxylenes

Benzene, Bis(Trifluoromethyl)-**Benzene, Bromo-****Benzene, Bromo--Aniline Systems**

see Aniline--Benzene, Bromo- Systems

Benzene, Bromo-- Pyridine Systems**Benzene, Butyl-****Benzene, sec-Butyl-****Benzene, sec-Butyl--Acetone, Thenoyltrifluoro--Nitric Acid Systems**

see Acetone, Thenoyltrifluoro--Benzene, sec-Butyl--Nitric Acid

Benzene-Butyl Phosphate-Kerosene Systems**Benzene-Carbon Tetrachloride Systems****Benzene, Chloro-****Benzene, 1-Chloro-3-Fluoro-****Benzene, Chlorobis(Trifluoromethyl)-****Benzene-Cyclohexane Systems****Benzene, 2,4-Diamino-1,3,5-Trinitro-**

see m-Phenylenediamine, 2,4,6-Trinitro-

Benzene, Dibromo-**Benzene, 1,4-Dibromo-2-Nitro-****Benzene, Dichloro-****Benzene, o-Dichloro**

see Benzene Dichloro-

Benzene, p-Dichloro-

see Benzene, Dichloro-

Benzene, 1,4-Dichloro-2-Nitro-**Benzene, Dichlorobis(Trifluoromethyl)-****Benzene, Difluoro-****Benzene, 1,2-Dihydroxy-**

see Pyrocatechol

Benzene, 1,3-Dihydroxy-

see Resorcinol

Benzene, 1,4-Dihydroxy-

see Hydroquinone

Benzene, Diiodo-**Benzene, Dimethyl-**

see Xylene

Benzene, Dimethylaminoazo-

see Azobenzene, Dimethylamino-

Benzene, Dinitro-**Benzene, (1,2-Epoxyethyl)-**

- x Styrene Oxide

Benzene, Ethyl-

- x Phenylethane

Benzene, Ethynyl-
 x Acetylene, Phenyl-
Benzene, Fluoro-
Benzene, Fluoronitro-
Benzene-Heptane, 2-Methyl- Systems
Benzene, Hexachloro-
Benzene, Hexachloro-- Carbon Tetrachloride Systems
Benzene, Hexafluoro-
Benzene, Hexamethyl-
Benzene, Iodo-
Benzene, 1-Iodo-3-Methoxy-2-Nitro-
Benzene, 1-Iodo-4-Nitro-
Benzene, Iodoso-
Benzene, Iodoxy-
Benzene, Isopropyl-
 see Cumene
Benzene-Methacrylic Acid, Methyl Ester Systems
Benzene-Methanol Systems
Benzene, Methoxy-
 see Anisole
Benzene, Methyl-
 see Toluene
Benzene, Nitro-
 x Nitrobenzene
Benzene, Nitro-Acetic Acid-Water Systems
 see Acetic Acid-Benzene, Nitro--Water Systems
Benzene, Nitro- Complexes
 x Complexes
Benzene, Octadecyl-
Benzene-Perchloric Acid Systems
Benzene-Phenylmercuric Acetate Systems
Benzene, Polychlorobis(Trichloromethyl)-
Benzene-2-Propanol Systems
Benzene, Propyl-
Benzene, D-Ribityl-
Benzene-Silver Perchlorate Systems
Benzene, Tetrachloro-
Benzene, Tetrachloro-1,4-Dimethyl-
Benzene, Tetrafluoro-
Benzene, Tetrafluorodiiodo-
Benzene, 1,2,4,5-Tetramethyl-
 x Durene
Benzene, Trichloro-
Benzene, Trifluoro-
Benzene, Trimethoxy-
Benzene, 1,3,5-Trimethyl-
 see Mesitylene
Benzene, Trinitro-
Benzene, 1,3,5-Triphenyl-
Benzene-Water Systems
Benzeneearsonic Acid
 x Phenylarsonic Acid
Benzeneearsonic Acid, p-Amino-
 see Arsanilic Acid
Benzeneearsonic Acid, o-(2-Hydroxy-3,6-Disulfonaphthylazo)-
 x 2-Naphthol-3,6-Disulfonic Acid, 1-(o-Arsonophenylazo)-
Benzeneearsonic Acid, o-(2-Hydroxy-3,6-Disulfonaphthylazo)-, Sodium Salts
 x Thorin
 Thoron
 xx Sodium Salts
Benzeneearsonic Acid, o-(2-Hydroxy-3,6-Disulfonaphthylazo)-, Sodium Salts. Complexes
Benzeneearsonic Acid, Plutonium Salts
 see Plutonium Phenylarsonates
Benzeneearsonic Acid, Zirconium Salts
 xx Zirconium Salts
Benzeneboronic Acid
 x Boric Acid, Phenyl-
Benzeneboronic Acid, p-Vinyl-
 xx Boronic Acids

Benzeneboronic Acids
 xx Boronic Acids
Benzeneboronic Anhydride
Benzenediacetic Acid, Diethyl Ester
 x Phenylenediacetic Acid, Diethyl Ester
Benzenediazonium Chlorides
 xx Diazo Compounds
p-Benzenediboronic Acid
 xx Boronic Acids
m-Benzenedicarboxylic Acid
 see Isophthalic Acid
p-Benzenedicarboxylic Acid
 see Terephthalic Acid
Benzenephosphonic Acid
Benzenephosphonic Acid, Dianilido Ester
Benzenephosphonic Acid, p-Ethyl-, Dimethyl Ester
Benzenes
Benzenes, Alkyl-
Benzenes, Fluorohalo-
Benzenesulfonic Acid
Benzenesulfonic Acid, Alkyl Esters
Benzenesulfonic Acid, p-Bromo-, 2-Bromocyclohexyl Ester
Benzenesulfonic Acid, p-Bromo-, 2-Chlorocyclohexyl Ester
Benzenesulfonic Acid, Bromo-, Norcamphyl Ester
Benzenesulfonic Acid, Dodecyl-
Benzenesulfonic Acid, Propyl Ester
Benzenesulfonyl Chloride, p-(1-Bromoethyl)-
Benzenethiol, o-Amino-
Benzil
 x Bibenzoyl
Benzil Derivatives
Benzil, 4-Methoxy-
Benzilic Acid
 x Glycolic Acid, Diphenyl-
Benzimidazole, 1-Glycosyl-
 see Benzimidazoles
Benzimidazole, 2-(o-Hydroxyphenyl)-
 see Benzimidazoles
Benzimidazoles
 x Benzimidazole, 1-Glycosyl-
 Benzimidazole, 2-(o-Hydroxyphenyl)-
Benzin
 see Ligroine
Benzisoxazoles
Benzoates
 (See as salts of benzoic acid in the form Benzoic Acid, Potassium Salts)
Benzoboradiazoles
Benzohydroxamic Acid
Benzohydroxamic Acid, N-Phenyl-
Benzoic Acid
 see also Peroxybenzoic Acids
Benzoic Acid, m-Amino-
Benzoic Acid, o-Amino-
 see Anthranilic Acid
Benzoic Acid, p-Amino-
Benzoic Acid, Ammonium Salts
 x Ammonium Benzoates
Benzoic Acid, p-Benzenesulfonyloxy-
Benzoic Acid, o-Benzoyl-
Benzoic Acid, Calcium Salts
 x Calcium Benzoates
Benzoic Acid, p-Chloro-, Mercury Salt
 xx Mercury Salts
Benzoic Acid, 3,5-Dibromo-4-Hydroxy-
Benzoic Acid, 2,4-Dihydroxy-
 see β-Resorcylic Acid
Benzoic Acid, 2,5-Dihydroxy-
 see Gentisic Acid
Benzoic Acid, 3,5-Dinitro-

Benzoic Acid, p-(Dipropylsulfamyl)-

x Benemid

Benzoic Acid, Ethyl Ester

Benzoic Acid, o-(Ethylmercapto)- Chelates

xx Chelates

Benzoic Acid, Iodo-

Benzoic Acid, Iodoxy-

Benzoic Acid, Mercapto-, Methyl Ester

Benzoic Acid, Methyl-

see *Toluic Acid*

Benzoic Acid, Methyl Ester

Benzoic Acid, o-Nitro-

Benzoic Acid, Pentafluoro-

Benzoic Acid, Potassium Salts

x Potassium Benzoates

Benzoic Acid, Sodium Salts

x Sodium Benzoates

Benzoic Acid, 3,4,5-Trihydroxy-

see *Gallic Acid*

Benzoic Acid, 2,4,6-Trimethyl-

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Bismuth Isotopes Bi²⁰⁸

Bismuth Isotopes Bi²⁰⁹

Bismuth Isotopes Bi²¹⁰

x Radium Isotopes (RaE)

Bismuth Isotopes Bi²¹¹

x Actinium Isotopes (AcC)

Bismuth Isotopes Bi²¹²

x Thorium Isotopes (ThC)

Bismuth Isotopes Bi²¹³

Bismuth Isotopes Bi²¹⁴

x Radium Isotopes (RaC)

Bismuth Isotopes Bi²¹⁵

Bismuth-Lead Alloys

Bismuth-Lead-Lithium Alloys

Bismuth-Lead-Manganese Alloys

Bismuth-Lead-Mercury Alloys

Bismuth-Lead-Plutonium Alloys

Bismuth-Lead-Silver Alloys

Bismuth-Lead-Thallium-Tin Alloys

Bismuth-Lead-Thorium Alloy Slurries

Bismuth-Lead-Thorium Alloys

Bismuth-Lead-Tin Alloys

Bismuth-Lead-Tin-Uranium Alloys

Bismuth-Lead-Uranium Alloys

Bismuth-Lithium Alloys

Bismuth-Magnesium Alloys

Bismuth-Magnesium-Samarium Alloys

Bismuth-Magnesium-Uranium Alloys

Bismuth-Manganese Alloys

Bismuth-Mercury Alloys

Bismuth-Neodymium-Uranium Alloys

Bismuth-Nickel Alloys

Bismuth Nitrates

x Bismuth Subnitrates

Bismuth Oxalates

xx Oxalates

Bismuth Oxide-Bismuth Fluoride Systems

see Bismuth Fluoride-Bismuth Oxide Systems

Bismuth Oxide-Uranium Oxide Systems

Bismuth Oxides

Bismuth Oxyfluoride Complexes

xx Oxyfluoride Complexes

Bismuth Oxyfluorides

xx Oxyfluorides

Bismuth-Palladium Alloys

Bismuth Phosphate-Glycerol-Potassium Hydroxide Systems

Bismuth Phosphate Process

x Bipex Process

Wet D Separation Process

xx Lanthanum Fluoride Process

Lanthanum Fluorides

Separation Processes

Bismuth Phosphates

Bismuth-Platinum Alloys

Bismuth-Plutonium Alloys

Bismuth-Plutonium-Tin Alloys

Bismuth-Polonium Alloys

Bismuth-Potassium Alloys

Bismuth-Praseodymium Alloys

Bismuth-Praseodymium-Uranium Alloys

Bismuth-Rhodium Alloys

Bismuth-Rubidium Alloys

Bismuth Selenides

xx Selenides

Bismuth-Selenium-Silver Systems

Bismuth-Silicon-Thorium Systems

Bismuth-Sodium Alloys**Bismuth-Sodium-Uranium Alloys****Bismuth-Strontium Alloys****Bismuth Subnitrates***see Bismuth Nitrates***Bismuth Sulfides***see also Bismuth Chloride Sulfides***Bismuth Sulfides (Liquid)****Bismuth-Sulfur-Tellurium Systems****Bismuth Tellurides**

xx Tellurides

Bismuth-Tellurium Systems**Bismuth-Thallium Alloys****Bismuth-Thorium Alloy Slurries****Bismuth-Thorium Alloys****Bismuth-Thorium Carbide Systems****Bismuth-Thorium Oxide Systems****Bismuth-Thorium Oxide-Uranium Oxide Systems****Bismuth-Thorium-Uranium Alloys****Bismuth-Tin Alloys****Bismuth-Tin-Uranium Alloys****Bismuth-Titanium Alloys****Bismuth Trichlorides***see Bismuth Chlorides***Bismuth-Uranium Alloy Slurries****Bismuth-Uranium Alloys****Bismuth Uranium Arsenates**

xx Arsenates

Uranium Arsenates

Bismuth-Uranium Oxide Systems**Bismuth-Uranium-Zirconium Alloys****Bismuth-Zinc Alloys****Bismuth-Zirconium Alloys****Bismuthates***see also Fluobismuthates***Bitolyls**

xx Polyphenyls

Bituminous Materials*(Including tar, pitch, etc.)***Bituminous Shales***see also Black Shales*

Carbonaceous Shales

Oil Shales

xx Black Shales

Carbonaceous Shales

Oil Shales

Shales

 $\Delta^9,9'$ -Bixanthene**Black Oxide***see Uranium(IV-VI) Oxides***Black Sands***(This heading may be modified by location in the form Black Sands (Calif.)**see also Monazites*

Thorium Ores

xx Monazites

Sands

Thorium Ores

Black Shales*(This heading may be modified by location in the form Black Shales (Okla.))**see also Bituminous Shales*

Carbonaceous Shales

Oil Shales

xx Bituminous Shales

Carbonaceous Shales

Oil Shales

Shales

Uranium Ores

Bladder*see also Gall Bladder***Blades***see Turbine Blades***Blankets***see Breeder Reactors*

Reactor Breeding Blankets

Blast*see Shock Waves***Blast Effects****Blast Exposure Chambers**

x Exposure Chambers

Blinker-Squawker*see Rate Meters***Blocking Drugs***see Cholinergic Blocking Drugs*

Ganglionic Blocking Drugs

Blomstrandines**Blood**

xx Body Fluids

Blood Cells*see also Blood Platelets*

Erythrocytes

Leukocytes

x Cells

xx Hematology

Blood Circulation*see also Circulatory Diseases*

xx Circulatory Diseases

Blood Coagulation*see also Hemorrhage*

x Coagulation

xx Hematology

Hemorrhage

Blood Diseases*see also Anemia*

Hemolysis

Leukemia

Polycythemia

Septicemia

xx Diseases

Blood Formation*see also Bone Marrow*

Hematopoietic System

xx Erythropoiesis

Hematology

Hematopoietic System

Blood Picture

xx Hematology

Radiation Sickness

Blood Plasma

xx Hematology

Plasma

Blood Plasma Substitutes*(See also specific substitutes, e.g., Dextran)*

x Plasma Substitutes

Blood Platelets

x Platelets

Thrombocytes

xx Blood Cells

Hematology

Heparin

Blood Pressure

xx Pressure

Blood Serum*see also Properdin*

xx Hematology

Serums

Blood Transfusions

x Transfusions

Blood Vessels*see also Capillaries*

xx Capillaries

Circulatory Diseases

Vessels

Blood Volume**Blowers***see also Compressors**Pumps*

- xx Bearings
- Compressors
- Pumps
- Turbines

Bodies

see Antibodies
Ceramic Bodies
Niobium Oxide Bodies
Oxide Bodies

Body Armor*see Protective Clothing***Body Fluids***see also Blood*

Body Water
Bromide Space
Chloride Space
Inulin Space
Lymph
Potassium Space
Sodium Space
Sucrose Space

- xx Fluids

Body Volume**Body Water**

- xx Body Fluids
- Water

Boehmites*(See also Bauxite of which this is a form, $Al_2O_3 \cdot H_2O$)*

- xx Aluminum Oxides

Boilers

see also Superheaters
 x Steam Generators

Boiling

- xx Heat Transfer

Boiling Experimental Reactor*see Experimental Boiling Water Reactor***Boiling Nuclear Superheater Power Plant***see Puerto Rico Power Reactor***Boiling Points***see also Hypsometers***Boiling Reactor Experiments**

see also Experimental Boiling Water Reactor
 x Borax Experiments
 xx Boiling Reactors
 Power Reactors
 Research Reactors

Boiling Reactors*see also Arbor Reactor*

Army Reactors (PL-1)
Army Reactors (PL-2)
Army Reactors (SL-1)
Big Rock Point Power Reactor
Boiling Reactor Experiments
Dresden Power Reactor
Elk River Power Reactor
Experimental Boiling Water Reactor
Halden Boiling Reactor
Humboldt Bay Power Reactor
Maritime Boiling Water Reactor
Pressurized Water Reactors
Puerto Rico Power Reactor
Sioux Falls Power Reactor
Vallecitos Boiling Water Reactor

Boiling Sulfur Power Reactor*(Aerojet-General Nucleonics)*

- xx Power Reactors

Bolometers*see also Thermometry*

- x Meters
- xx Thermometers

Bolts and Nuts

- x Nuts

Boltwoodite**Bomb Damage Surveys**

- x Damage Surveys
- Surveys
- xx Atomic Explosions

Bombing**Bombs****Bonding***see also Adhesion*

Bonds
Brazing
Ceramic Bonding
Diffusion
Slug Canning
Slug Coatings
Soldering
Welding
 x Fluid Pressure Bonding
 xx Cementation
 Diffusion

Bonds

see also Double Bonds
Valency

- xx Bonding
- Valency

Bone Diseases

see also Bone Tumors
 xx Bone Tumors
 Diseases

Bone Fractures

- x Fractures

Bone Marrow

see also Hematopoietic System
 xx Blood Formation
 Hematopoietic System

Bone Tumors

see also Bone Diseases
 xx Bone Diseases
 Tumors

Bones

see also Skeleton
 xx Calcification
 Skeleton

BONUS Reactor*see Puerto Rico Power Reactor***Boral***see Aluminum-Boron Carbide Systems***Boranes**

(For substituted boranes see headings such as Decaborane, Methyl ,
Disborane, Alkyl-, and Pentaborane, Methyl-)
see Boron Hydrides

Borate Complexes**Borated Water***see Boric Acid-Water Systems***Borates**

(See also borates of specific elements)
see also Alkyl Borates

Ammonium Borates
Butyl Borates
Chloroborates
Fluoborates
Hydrazine Borates
Methyl Borates
Phenyl Borates
Sodium Tetramethoxyborates
Tetraborates

Borax

see also Sodium Tetraborates
 xx Sodium Tetraborates

Borax Experiments

see Boiling Reactor Experiments

Borazanes**Borazenes****Borazole**

Borazole, B-Trichloro-

Borazole, B-Trifluoro-N-Trimethyl-

Borazole, B-Trimethyl

Boric Acid

see also Fluoboric Acid
Metaboric Acids

xx Acids

Boric Acid-Ammonia Systems

see Ammonia-Boric Acid Systems

Boric Acid-1-Butanol, 3-Methyl--Water Systems**Boric Acid-Cadmium Sulfate-Water Systems****Boric Acid-Calcium Chloride-Water Systems**

Boric Acid, Phenyl-

see Benzeneboronic Acid

Boric Acid Systems

xx Acid Systems

Boric Acid-Water Systems

x Borated Water

Boric Acid-Water-d, Systems**Boric Anhydride**

see also Boron Oxides

xx Anhydrides
Boron Oxides

Boric Oxides

see Boron Oxides

Boride Compacts

see also Silicon Boride Compacts
Zirconium Boride Compacts

xx Compacts

Boride Crucibles

see also Tantalum Boride Crucibles
Zirconium Boride Crucibles

xx Crucibles

Boride Powders

see also Zirconium Boride Powders

xx Powders

Borides

(See also borides of specific elements)

x Metal Borides

Borine, Butyldichloro-**Borine, Butyldifluoro-****Borine, Calorodimethoxy-****Borine Carbonyls**

xx Carbonyls

Borine, Chlorodimethoxy-**Borine, Dichlorophenoxy-****Borine, Dimethoxy-****Borine, Pyridyl-****Borine, Tributoxy-**

see Butyl Borates

Borine, Triethyl-

Borine, Trimethoxy-

see Methyl Borates

Borine, Trimethyl-

x Boron, Trimethyl-

Borines**Borines, Alkyl-****Borines, Amino-****Borines, Aryl-****Borines, Methylamino-****Borines, Methylarsino-****Borines, Phosphino-****Boring**

see Rock Drilling

Borneols**Borofluorides**

see Fluoborates

Borohydride Complexes

see also Lithium Borohydride Complexes

Sodium Borohydride Complexes

xx Hydride Complexes

Borohydride Ions**Borohydrides**

(See also borohydrides of specific elements)

see also Ammonium Borohydrides

xx Boron Hydrides
Hydrides

Borohydrides, Tetramethylammonium

see Ammonium Borohydrides, Tetraalkyl-

Boron**Boron-Aluminum-Chromium Carbide-Iron-Molybdenum-Titanium Carbide Systems**

see Aluminum-Boron-Chromium Carbide-Iron-Molybdenum-Titanium Carbide Systems

Boron-Aluminum-Chromium Carbide-Iron-Titanium Carbide Systems

see Aluminum-Boron-Chromium Carbide-Iron-Titanium Carbide Systems

Boron-Aluminum-Chromium Carbide-Nickel-Titanium Carbide Systems

see Aluminum-Boron-Chromium Carbide-Nickel-Titanium Carbide Systems

Boron-Aluminum-Chromium-Iron-Titanium Carbide Systems

see Aluminum-Boron-Chromium-Iron-Titanium Carbide Systems

Boron-Aluminum-Chromium-Molybdenum-Silicon Systems

see Aluminum-Boron-Chromium-Molybdenum-Silicon Systems

Boron-Aluminum-Iron-Molybdenum Carbide-Titanium Carbide Systems

see Aluminum-Boron-Iron-Molybdenum Carbide-Titanium Carbide Systems

Boron-Aluminum-Iron Systems

see Aluminum-Boron-Iron Systems

Boron-Aluminum-Iron-Titanium Carbide Systems

see Aluminum-Boron-Iron-Titanium Carbide Systems

Boron-Aluminum-Iron-Titanium Carbide-Vanadium Carbide Systems

see Aluminum-Boron-Iron-Titanium Carbide-Vanadium Carbide Systems

Boron-Aluminum Systems

see Aluminum-Boron Systems

Boron-Aluminum-Uranium Systems

see Aluminum-Boron-Uranium Systems

Boron-Arsenic Systems

see Arsenic-Boron Systems

Boron-Beryllium-Hafnium Systems

see Beryllium-Boron-Hafnium Systems

Boron-Beryllium Systems

see Beryllium-Boron Systems

Boron-Beryllium-Zirconium Systems

see Beryllium-Boron-Zirconium Systems

Boron-Boron Oxide Systems**Boron Bromide Addition Compounds**

xx Bromide Addition Compounds

Boron Bromides**Boron Carbide-Aluminum Oxide Systems**

see Aluminum Oxide-Boron Carbide Systems

Boron Carbide-Aluminum Systems

see Aluminum-Boron Carbide Systems

Boron Carbide-Beryllium Oxide Systems

see Beryllium Oxide-Boron Carbide Systems

Boron Carbide-Cadmium-Silver Systems**Boron Carbide Coatings**

xx Carbide Coatings

Boron Carbide Compacts

xx Carbide Compacts

Boron Carbide-Copper Compacts**Boron Carbide-Copper Systems (Clad)****Boron Carbide Crystals**

xx Carbide Crystals

Boron Carbide Electrodes

xx Electrodes

Boron Carbide-Ethylene Polymer Systems**Boron Carbide-Graphite-Silicon Carbide Systems**

Boron Carbide-Iron Coatings
 Boron Carbide-Iron Systems
 Boron Carbide-Iron-Tin-Zirconium Systems
 Boron Carbide-Lead Systems
 Boron Carbide-Molybdenum Silicide Systems
 Boron Carbide-Nickel Compacts
 Boron Carbide-Niobium-Tin-Zirconium Systems
 Boron Carbide-Silicon Carbide Systems
 Boron Carbide-Silicon Carbide-Titanium Carbide Systems
 Boron Carbide-Silicon Oxide Systems
 Boron Carbide-Silver Systems
 Boron Carbide-Stainless Steel Systems
 Boron Carbide-Tin-Zirconium Systems
 Boron Carbide-Tin-Zirconium Systems (Clad)
 Boron Carbide-Titanium Boride Systems
 Boron Carbide-Titanium Hydride Systems
 Boron Carbide-Titanium Systems
 Boron Carbide-Tungsten Carbide Systems
 Boron Carbide-Tungsten Systems
 Boron Carbide-Wax Systems
 Boron Carbide-Zirconium Systems
 Boron Carbide-Zirconium Systems (Clad)
 Boron Carbides
 see also Loaded Plastics (Boron Carbide)
 Boron-Carbon-Silicon Systems
 Boron-Carbon Systems
 Boron-Carbon-Titanium Systems
 Boron-Carbon-Tungsten Systems
 Boron-Carbon-Zirconium Systems
 Boron Chambers
 See radiation detectors and instruments using boron chambers
 Boron Chloride-Carbon Tetrachloride Systems
 Boron Chloride Complexes
 xx Chloride Complexes
 Boron Chloride-Phosphoryl Chloride Systems
 Boron Chlorides
 x Diborane Tetrachloride
 Boron-Chromium-Cobalt-Nickel-Tungsten Systems
 Boron-Chromium-Iron-Nickel-Silicon Systems
 Boron-Chromium-Iron-Nickel Systems
 x Boron-Stainless Steel Systems
 Boron-Chromium-Iron-Nickel-Titanium Carbide Systems
 Boron-Chromium-Molybdenum Systems
 Boron-Chromium-Nickel-Silicon Systems
 Boron-Chromium-Nickel Systems
 Boron-Chromium Systems
 Boron Coatings
 (See also radiation detectors and instruments using boron chambers)
 xx Coatings
 Boron-Cobalt-Manganese-Nickel Systems
 Boron-Cobalt-Nickel Systems
 Boron-Cobalt Systems
 Boron Compacts
 Boron Complexes
 Boron Compounds
 (Many organic boron compounds are named as derivatives of borine BH₃, as Borine Trimethyl- and Borines, Amino- A few compounds are named as derivatives of diborane B₂H₆, as Diborane Tetra-methyl-)
 Boron-Copper-Iron-Silicon Systems
 Boron-Copper-Nickel-Tungsten Systems
 Boron-Copper Systems
 Boron Crystals
 Boron Films
 xx Films
 Boron Fluoride Addition Compounds
 xx Fluoride Addition Compounds
 Boron Fluoride-Ammonia Systems
 see Ammonia-Boron Fluoride Systems
 Boron Fluoride-Carbon Tetrachloride Systems

Boron Fluoride Complexes
 xx Fluoride Complexes
 Boron Fluoride-Ethyl Ether Systems
 Boron Fluoride-Formamide, *N,N*-Dimethyl- Systems
 Boron Fluoride-Methanol Systems
 Boron Fluoride-Methyl Borate Systems
 Boron Fluoride-Methyl Ether Systems
 Boron Fluoride-Nitrogen Systems
 Boron Fluoride-Phosphoric Acid Systems
 Boron Fluoride-Sulfur Dioxide Systems
 Boron Fluoride-Uranium(VI) Fluoride Systems
 Boron Fluorides
 Boron-Gadolinium-Nickel Systems
 Boron-Graphite Systems
 Boron-Hafnium Compacts
 Boron-Hafnium Systems
 Boron-Hafnium-Titanium Systems
 Boron-Hafnium-Zirconium Systems
 Boron Halides
 Boron Hydride Complexes
 xx Hydride Complexes
 Boron Hydride-Ethyl Ether Systems
 Boron Hydride-Oxygen Systems
 Boron Hydride Poisoning
 xx Poisoning
 Boron Hydrides
 (For substituted diboranes, see Diborane, Amino-, etc.)
 see also Borohydrides
 x Boranes
 Diborane
 Boron Iodides
 Boron Ions
 Boron-Iron Systems
 Boron Isotopes
 Boron Isotopes B⁸
 Boron Isotopes B⁹
 Boron Isotopes B¹⁰
 Boron Isotopes B¹¹
 Boron Isotopes B¹²
 Boron Isotopes B¹³
 Boron Isotopes B¹⁵
 Boron Isotopes B¹⁷
 Boron Isotopes B¹⁹
 Boron-Lanthanum Systems
 Boron-Lead Systems
 Boron-Manganese Systems
 Boron-Molybdenum-Nickel Systems
 Boron-Molybdenum-Silicon Systems
 Boron-Molybdenum Systems
 Boron-Nickel Systems
 Boron-Niobium Systems
 Boron Nitride-Nickel Systems
 Boron Nitride-Nickel Systems (Clad)
 Boron Nitride-Stainless Steel Systems
 Boron Nitride-Titanium Carbide Systems
 Boron Nitride-Tungsten Carbide Systems
 Boron Nitrides
 Boron Ores
 xx Ores
 Boron Oxide-Aluminum Oxide-Magnesium Oxide Systems
 see Aluminum Oxide-Boron Oxide-Magnesium Oxide Systems
 Boron Oxide-Aluminum Oxide-Silicon Oxide Systems
 see Aluminum Oxide-Boron Oxide-Silicon Oxide Systems
 Boron Oxide-Beryllium Oxide Systems
 see Beryllium Oxide-Boron Oxide Systems
 Boron Oxide-Boron Systems
 see Boron-Boron Oxide Systems
 Boron Oxide Coatings
 xx Oxide Coatings
 Boron Oxide-Graphite-Magnesium Oxide Systems
 Boron Oxide-Graphite Systems
 Boron Oxide-Lanthanum Oxide Systems

Boron Oxide-Lithium Oxide-Phosphorus Oxide Systems**Boron Oxide-Lithium Oxide-Silicon Oxide Systems****Boron Oxide-Lithium Oxide Systems****Boron Oxide-Lithium Oxide-Uranium Oxide Systems****Boron Oxide-Lithium Oxide-Water Systems****Boron Oxide-Magnesium Oxide Systems****Boron Oxide-Magnesium Oxide-Titanium Oxide Systems****Boron Oxide-Magnesium Oxide-Zirconium Oxide Systems****Boron Oxide-Methyl Borate Systems****Boron Oxide-Silicon Oxide Systems****Boron Oxide-Sodium Oxide Systems****Boron Oxide-Thorium Oxide Systems****Boron Oxide-Zirconium Oxide Systems****Boron Oxides***see also Boric Anhydride*

x Boric Oxides

xx Boric Anhydride

Boron Oxides (Liquid)**Boron-Oxygen-Silicon Systems****Boron Phosphates****Boron Phosphides**

xx Phosphides

Boron-Platinum Systems**Boron Polymers**

xx Polymers

Boron Powders

xx Powders

Boron-Samarium Systems**Boron-Silicon Systems****Boron-Silicon-Tungsten Systems****Boron-Silicon-Zirconium Systems****Boron-Stainless Steel Systems***see Boron-Chromium-Iron-Nickel Systems***Boron Steel**

xx Steel

Boron Sulfides**Boron Systems****Boron-Tantalum Systems****Boron-Thorium Systems****Boron-Thorium-Tungsten Systems****Boron-Thorium-Uranium Systems****Boron-Tin-Uranium-Zirconium Systems****Boron-Tin-Zirconium Systems****Boron-Tin-Zirconium Systems (Zr Alloy Clad)**

xx Zirconium Alloy Coatings

Boron-Titanium Systems**Boron-Titanium Systems (Clad)****Boron-Titanium Systems (Zr Alloy Clad)****Boron, Trimethyl-***see Borane, Trimethyl-***Boron-Tungsten-Zirconium Systems****Boron-Uranium Systems****Boron-Uranium-Zirconium Systems****Boron-Vanadium Systems****Boron-Yttrium Systems****Boron-Zirconium Boride Systems****Boron-Zirconium Systems****Boron Acids***[RB(OH)₃], specific acids are indexed as derivatives of hydrocarbons, e.g., Benzeneboric Acid]*

xx Acids

Boronitrides*see also Barium Boronitrides**Calcium Boronitrides**Lithium Boronitrides*

xx Nitrides

Boronophthalide**Boroorganic Compounds**

xx Organic Compounds

Borosilicate Glass

x Pyrex

xx Glass

Borotungstates

xx Tungstates

Boroxole, Trimethoxy-**Bosons***(Elementary particles with integral or zero spins)**see also Elementary Particles*

xx Elementary Particles

Botany*see also Tracer Techniques (Botany)*

xx Plants

Boundary Layer

xx Aerodynamics

Box Beams**Boxes***see Dry Boxes***BR-1 Reactor***see Belgian Reactor-1***BR-2 Reactor***see Belgian Reactor-2***BR-3 Reactor***see Belgian Reactor-3***Brain**

xx Nervous System

Brain Tumors

xx Tumors

Brakes**Branching Ratios***see also Decay Schemes*

xx Decay Schemes

Brannerites

xx Uranium Titanates

Brass*see also Copper Alloys**Copper-Zinc Alloys*

xx Copper Alloys

*Copper-Zinc Alloys***Brass-Copper Couples****Brass Crystals**

xx Crystals

Brass Powders

xx Powders

Brass-Zinc Couples**Brazed Joints**

xx Joints

Brazing*see also Brazing Alloys**Soldering**Welding*

xx Bonding

*Soldering**Welding***Brazing Alloys**

xx Alloys

*Brazing***Breasts****Breath**

x Expired Air

xx Air

Breathing*see Pressure Breathing***Breeder Reactors***see also Advanced Epithermal Thorium Reactor**Argonne Power Breeder Reactor**Dounreay Fast Reactor**Experimental Breeder Reactor**Indian Point Power Reactor**KAPL Intermediate Power Breeder Reactor**KAPL Plutonium Power Breeder Reactor**Spectral Shift Control Reactor**Thorium Breeder Reactor*

see also Uranium Production Reactor

ZEPHYR

- x Blankets
- Converter Reactors
- Reactor Blankets
- xx Reactors

Breeding Blankets

see Reactor Breeding Blankets

Breeding Elements

see Reactor Breeding Elements

Bremsstrahlung

- xx Radiation

Bremsstrahlung Shielding

see also Gamma Shielding

- xx Gamma Shielding
- Shielding

Bricks

British Reactors

see also BEPO

- Calder Hall Reactors
- DIDO Reactors
- Dounreay Fast Reactor
- GLEEP
- High Temperature Gas Cooled Reactor Experiment
- LEO
- LIDO
- Windscale Advanced Gas Cooled Reactor
- Windscale Production Reactors
- ZEPHYR
- ZEUS

Brittany Power Reactor (EL-4)

- x EL-4
- xx Gas Cooled Reactors
- Heavy Water Reactors
- Power Reactors

Brittle Materials

Brittleness

see Ductility

Bromal

- x Acetaldehyde, Tribromo-
- Bromal Hydrate

Bromal Hydrate

see Bromal

Bromate Crystals

see also Europium Bromate Crystals

Bromate Ions

Bromates

see also Calcium Bromates

- Lithium Bromates
- Neodymium Bromates
- Potassium Bromates
- Rare Earth Bromates
- Sodium Bromates
- Terbium Bromates

Bromide Addition Compounds

see also Boron Bromide Addition Compounds

- xx Addition Compounds

Bromide Complexes

- x Complexes

Bromide Crystals

see also Ammonium Bromide Crystals

- Cesium Bromide Crystals
- Lithium Bromide Crystals
- Potassium Bromide Crystals
- Rubidium Bromide Crystals
- Silver Bromide Crystals
- Sodium Bromide Crystals

- xx Crystals

Bromide Space

- xx Body Fluids

Bromides

(*See also the specific metallic bromides.*)

see also Ammonium Bromides

- Graphite Bromides
- Iodine Bromides
- Oxybromides
- Pyridinium Bromides, Poly-4-Vinyl-N-Butyl-
- Rare Earth Bromides
- Uranyl Bromides
- Zirconyl Bromides

Bromination

Bromine

see also Halogens

Bromine-Bismuth Systems

see Bismuth-Bromine Systems

Bromine-Bromine Fluoride Systems

Bromine-Bromine Fluoride-Uranium(VI) Fluoride Systems

Bromine-Carbon Tetrachloride Systems

Bromine Chlorides

Bromine Complexes

see also Mercury Bromide Complexes

Bromine Compounds

see also Bromoorganic Compounds

Chemical Warfare Agents

Bromine-Ethyl Acetate Systems

Bromine Fluoride-Antimony Fluoride-Potassium Fluoride Systems

see Antimony Fluoride-Bromine Fluoride-Potassium Fluoride Systems

Bromine Fluoride-Antimony Fluoride Systems

see Antimony Fluoride-Bromine Fluoride Systems

Bromine Fluoride-Barium Fluoride Systems

see Barium Fluoride-Bromine Fluoride Systems

Bromine Fluoride-Bromine Systems

see Bromine-Bromine Fluoride Systems

Bromine Fluoride-Bromine-Uranium(VI) Fluoride Systems

see Bromine-Bromine Fluoride-Uranium(VI) Fluoride Systems

Bromine Fluoride-Hydrofluoric Acid Systems

Bromine Fluoride-Potassium Fluoride Systems

Bromine Fluoride-Sodium Fluoride Systems

Bromine Fluoride-Uranium(VI) Fluoride Systems

Bromine Fluorides

- x Bromine Pentafluorides
- Bromine Trifluorides

- xx Halogen Fluorides

Bromine-Graphite Systems

see Graphite Bromides

Bromine Iodides

see Iodine Bromides

Bromine Ions

Bromine Ions (Recoil)

- xx Recoil Ions

Bromine Isotopes

Bromine Isotopes Br⁷⁴

Bromine Isotopes Br⁷⁵

Bromine Isotopes Br⁷⁶

Bromine Isotopes Br⁷⁷

Bromine Isotopes Br⁷⁸

Bromine Isotopes Br⁷⁹

Bromine Isotopes Br⁸⁰

Bromine Isotopes Br⁸¹

Bromine Isotopes Br⁸²

Bromine Isotopes Br⁸³

Bromine Isotopes Br⁸⁴

Bromine Isotopes Br⁸⁵

Bromine Isotopes Br⁸⁷

Bromine Isotopes Br⁸⁸

Bromine Pentafluorides

see Bromine Fluorides

Bromine Systems

Bromine Trifluorides

see Bromine Fluorides

Bromine-Uranium(VI) Fluoride Systems

Bromoform

Bromohydrocarbons*see also Halocarbons**Halohydrocarbons*

x Hydrocarbons, Bromo-

Bromoiridates*see also Potassium Bromoiridates*

xx Iridates

Bromomercurates*see also Potassium Bromomercurates*

xx Mercurates

Bromoorganic Compounds*(See also specific compounds, e.g., Methane, Bromo-)*

xx Haloorganic Compounds

Bromoosmates*see also Potassium Bromoosmates*

xx Osmates

Bromoplatinates*see also Potassium Bromoplatinates*

xx Platinates

Bromopolonates

xx Polonates

Bromorhenates*see Potassium Bromorhenates***Bromosulfalein****Bromouranates***see also Ammonium Bromouranates**see also Potassium Bromouranates*

xx Uranates

Bronze*see also Aluminum Bronze**Beryllium Bronze**Copper-Tin Alloys**Lead-Phosphorus Bronze**Phosphor Bronze**Silicon Bronze**Tungsten Bronze**Zirconium Bronze**Zirconyl Bronze*

x Tin Bronze

xx Copper Alloys

Copper-Tin Alloys

Bronze Compacts

xx Compacts

Brookhaven Alternating-Gradient Synchrotron

x AGS

xx Synchrotrons

Brookhaven Beam Research Reactor

x BBRR

Beam Research Reactor

xx Heavy Water Reactors

Research Reactors

Brookhaven Graphite Reactor*see Brookhaven Reactor***Brookhaven Medical Reactor**

xx Gas Cooled Reactors

Research Reactors

Water Moderated Reactors

Brookhaven Neutron Source Reactor

x Neutron Source Reactor

xx Research Reactors

Water Moderated Reactors

Brookhaven Reactor

x Brookhaven Graphite Reactor

xx Gas Cooled Reactors

Graphite Moderated Reactors

Heterogeneous Reactors

Thermal Reactors

Brookhaven Shielding Facility

xx Shielding

Brookhaven Synchrotron

x Cosmotron

xx Accelerators

Synchrotrons**Brown Oxide***see Uranium(IV) Oxides***Brownian Movement****Brucites**

xx Magnesium Oxides

Brushes*see Liquid Metal Brushes***BSR***see Bulk Shielding Facility***BSR-II***see Bulk Shielding Facility***Bubble Chambers***see also Cloud Chambers*

xx Radiation Detectors

Bubbles**Buffalo Operation**

x Operations

Building Materials*(See also specific materials)*

x Materials of Construction

Structural Materials

xx Metals

Reactor Materials

Bulbs**Bulk Shielding Facility**

x BSR

BSR-II

Bulk Shielding Reactor

ORNL Reactors

Shield Testing Reactor

STR

xx Enriched Reactors

Heterogeneous Reactors

Shielding

Swimming Pool Reactors

Thermal Reactors

Water Moderated Reactors

Bulk Shielding Reactor*see Bulk Shielding Facility***Burners***see Hydrogen Burners**Incinerators**Kilns***Burns**

x Flash Burns

Thermal Injuries

xx Scars

Burros**Buster Burst A**

xx Atomic Explosions

Buster Operation

Buster Burst B

xx Atomic Explosions

Buster Operation

Buster Operation*(See also specific bursts, e.g., Buster Burst A and Buster Burst B.)**see also Jangle Operation*

x Atomic Weapon Tests

Operations

xx Buster Burst A

Buster Burst B

Jangle Operation

Butadiene**Butadiene, Chloro- Polymers**

xx Polymers

1,3-Butadiene, 2,3-Dichloro-**Butadiene, Diphenyl-****1,3-Butadiene, Hexafluoro-****1,3-Butadiene, 2-Methyl-****2,3-Butadiene Peroxide**

xx Peroxides

Butadiene Polymers*see also* **Plastics***Rubber*xx **Polymers****Butadiene, Tetraphenyl-****Butadiyne**x **Diacetylene****Butane****Butane, 1-Bromo-**x **Butyl Bromide****Butane, 2-Bromo-****Butane, 1-Bromo-2-Methyl-****Butane, 1-Chloro-**x **Butyl Chloride****Butane, 2-Chloro-2,3-Dimethyl-****Butane, Decafluoro-****Butane, 1,4-Dichloro-****Butane, 2,2-Dimethyl-**x **Neohexane****Butane, 2,3-Epoxy-****Butane, Fluorotrifluoromethyl-****Butane, 1-Iodo-**x **Butyl Iodide****Butane, 2-Iodo-****Butane, 2-Methyl-****Butane, Nonafluoro-2-Trifluoromethyl-****Butane, 2,2,3-Trichloroheptafluoro-****Butane, 2,2,3-Trimethyl-****2,3-Butanedione****2,3-Butanedione Peroxide**x **Diacetyl Peroxide**xx **Peroxides****1,3-Butanedione, 1-Phenyl- Complexes****1,3-Butanedione, 4,4,4-Trifluoro-1,2-Diphenyl-****Butane, 2,3-Dimethyl-****1,3-Butanedione, 4,4,4-Trifluoro-1-(2-Thienyl)-***see* **Acetone, Thenoyltrifluoro-****1-Butanethiol****Butanoic Acid, 3-Methyl-***see* **Isovaleric Acid****1-Butanol**x **n-Butyl Alcohol****2-Butanol***(The form sec-butyl is used when the group is a substituent.)*x **sec-Butyl Alcohol****3-Butanol, 2-Methoxy-2-Methyl-****1-Butanol, 3-Methyl-***(The form isoamyl is used when the group is a substituent.)*x **Isoamyl Alcohol****1-Butanol, 3-Methyl--Boric Acid-Water Systems***see* **Boric Acid-1-Butanol, 3-Methyl--Water Systems****2-Butanol, 2-Methyl-**x **tert-Amyl Alcohol****2-Butanol, 2,3,3-Trimethyl-****1-Butanol- Water Systems****2-Butanone****2-Butanone-Carbon Tetrachloride Systems****2-Butanone, 3-Hydroxy-**x **Acetoin****2-Butanone- Water Systems****1-Butene****2-Butene****1-Butene, 3-Chloro-****1-Butene, 4-Dimethylamino-1,1-Diphenyl-****Butene Polymers**xx **Polymers****Butenes****2-Butenoic Acid***see* **Crotonic Acid****3-Butenoic Acid**x **Acetic Acid, Vinyl-****3-Buten-2-One, 3-Methyl Polymers**xx **Polymers****Butenyne**x **Acetylene, Vinyl-****Butex Process***see also* **Ether, Bis(2-Butoxyethyl)**x **Carbitol, Dibutyl****Processes**xx **Ether, Bis(2-Butoxyethyl)****Separation Processes****Butter****Butter Yellow***see* **Azobenzene, Dimethylamino-****Butyl Acetate***see* **Acetic Acid, Butyl Ester****Butyl Acrylate***see* **Acrylic Acid, Butyl Ester****n-Butyl Alcohol***see* **1-Butanol****sec-Butyl Alcohol***see* **2-Butanol****tert-Butyl Alcohol***see* **2-Propanol, 2-Methyl-****Butyl Borates**x **Borine, Tributoxy-****Tributyl Borates**xx **Borates****Butyl Bromide***see* **Butane, 1-Bromo-****Butyl Carbonate***see* **Carbonic Acid, Butyl Ester****Butyl Chloride***see* **Butane, 1-Chloro-****Butyl Ethanoate***see* **Acetic Acid, Butyl Ester****Butyl Ether**x **1-Butoxybutane****Dibutyl Ether****Butyl Ether- Butyl Phosphate Systems****Butyl Group****tert-Butyl Hypochlorite****Butyl Iodide***see* **Butane, 1-Iodo-****tert-Butyl Peroxide**xx **Peroxides****Butyl Phosphate-Acetone, Thenoyltrifluoro-Kerosene Systems***see* **Acetone, Thenoyltrifluoro-Butyl Phosphate-Kerosene Systems****Butyl Phosphate-Benzene-Kerosene Systems***see* **Benzene-Butyl Phosphate-Kerosene Systems****Butyl Phosphate-Butyl Ether Systems***see* **Butyl Ether-Butyl Phosphate Systems****Butyl Phosphate- Carbon Tetrachloride Systems****Butyl Phosphate Complexes**xx **Phosphate Complexes****Butyl Phosphate-Ether, Bis(2-Butoxyethyl) Systems****Butyl Phosphate-Ethyl Ether Systems****Butyl Phosphate-Ethylene, Tetrachloro- Systems****Butyl Phosphate-Heptane-Nitric Acid Systems****Butyl Phosphate-Hexane Systems****Butyl Phosphate-Hexane-Uranyl Nitrate- Water Systems****Butyl Phosphate-Hydrochloric Acid-Kerosene Systems****Butyl Phosphate-Hydrochloric Acid-Naphthalene, Decahydro- Systems****Butyl Phosphate-Hydrochloric Acid Systems****Butyl Phosphate-Iron(III) Chloride- Kerosene- Water Systems****Butyl Phosphate-Kerosene-Methanol- Water Systems****Butyl Phosphate-Kerosene-Nitric Acid Systems****Butyl Phosphate-Kerosene-Nitric Acid-Thorium Nitrate Systems****Butyl Phosphate-Kerosene Systems****Butyl Phosphate-Kerosene-Thorium Nitrate- Water Systems**

Butyl Phosphate-Kerosene-Uranium Nitrate Systems**Butyl Phosphate-Kerosene-Water Systems****Butyl Phosphate-Methanol-Water Systems****Butyl Phosphate-Nitric Acid Systems****Butyl Phosphate-Nitric Acid-Thorium Nitrate Systems****Butyl Phosphate-Nitric Acid-Uranyl Nitrate Systems****Butyl Phosphate-Phosphoric Acid Systems****Butyl Phosphate-Sulfuric Acid Systems****Butyl Phosphate Systems****Butyl Phosphate-Thorium Nitrate Systems****Butyl Phosphate-Thorium Nitrate-Water Systems****Butyl Phosphate-Uranyl Nitrate Systems****Butyl Phosphate-Water Systems****Butyl Phosphate-Wax Systems****Butyl Phosphates**

(See also those specific separation processes in which TBP is used as an extracting agent)

- x Butyl Phosphoric Acid
- Dibutyl Phosphoric Acid
- Phosphoric Acid, Butyl Esters
- TBP
- Tributyl Phosphate

xx Phosphates

Butyl Phosphoric Acid

see Butyl Phosphates

Butyl Plutonium Phosphates

see Plutonium Butyl Phosphates

Butylamine**Butylamine, 3-(p-Methoxyphenyl)-****Butylamine, 3-Phenyl-****1-Butyne**

- x Acetylene, Ethyl-

2-Butyne**Butyne, Trifluoro-****Butyraldehyde****Butyramide****Butyramides**

- xx Amides

Butyric Acid**Butyric Acid, α -Amino-****Butyric Acid, α -Amino- β -Hydroxy-**

see Threonine

Butyric Acid, α -Amino- γ -Ethylmercapto-

see Ethionine

Butyric Acid, α -Amino- γ -Methylmercapto-

see Methionine

Butyric Acid, 2-(Biphenyl)-**Butyric Acid, α -Bromo-****Butyric Acid, α , β -Dioxo-, Ethyl Ester****Butyric Acid, Fluoro-****Butyric Acid, Fluoro-, Calcium Salts**

- xx Calcium Salts

Butyric Acid, Fluoro-, Sodium Salts

- xx Sodium Salts

Butyric Acid, Heptafluoro-**Butyric Acid, Heptafluoro-, Silver Salts**

- xx Silver Salts

Butyric Acid, α -Hydroxy- β , β -Dinitro-**Butyric Acid, α -Methyl-****Butyric Acid, Methyl Ester****Butyric Acid, Phenyl-****Butyric Acid, Sodium Salts**

- x Sodium Butyrates

Butyric Acid-Water Systems**Butyrophenones****Butyryl Iodide, Heptafluoro-**

- xx Iodides

C**C1W**

see Naval Reactors (C1W)

C-714

see Cyclohexane, Undecafluorotrifluoromethyl-

C-716

see Heptane, Hexadecafluoro-

C-716-Cl

see Heptane, Chloropentadecafluoro-

C-716-Cl₂

see Heptane, Dichlorotetradecafluoro-

C-816

see Cyclohexane, Decafluorobis(Trifluoromethyl)-

C-816-Cl

see Cyclohexane, Dichlorooctafluorobis(Trifluoromethyl)-

C-2144

see Fluorolube Oil

C-2144-S

see Fluorochlorolube Oil

Cables

(Including splices)

see also Coaxial Cables

Connectors (Electric)

Disconnects

xx Connectors (Electric)

Dielectric Breakdown

Disconnects

Electric Power

Cacodylic Acid**Cadavers****Cadmium****Cadmium (Liquid)****Cadmium Alloys****Cadmium-Aluminum Alloys**

see Aluminum-Cadmium Alloys

Cadmium-Aluminum-Copper Alloys

see Aluminum-Cadmium-Copper Alloys

Cadmium-Aluminum-Indium-Silver Alloys

see Aluminum-Cadmium-Indium-Silver Alloys

Cadmium-Aluminum-Indium-Silver-Tin Alloys

see Aluminum-Cadmium-Indium-Silver-Tin Alloys

Cadmium-Antimony Alloys

see Antimony-Cadmium Alloys

Cadmium-Antimony-Lead Alloys

see Antimony-Cadmium-Lead Alloys

Cadmium-Antimony-Tin Alloys

see Antimony-Cadmium-Tin Alloys

Cadmium Arsenides

- xx Arsenides

Cadmium-Beryllium Alloys

see Beryllium-Cadmium Alloys

Cadmium-Bismuth Alloys

see Bismuth-Cadmium Alloys

Cadmium-Bismuth-Indium Alloys

see Bismuth-Cadmium-Indium Alloys

Cadmium-Bismuth-Lead Alloys

see Bismuth-Cadmium-Lead Alloys

Cadmium-Bismuth-Lead-Tin Alloys

see Bismuth-Cadmium-Lead-Tin Alloys

Cadmium-Bismuth-Tin Alloys

see Bismuth-Cadmium-Tin Alloys

Cadmium-Boron Carbide-Silver Systems

see Boron Carbide-Cadmium-Silver Systems

Cadmium Bromide-Cadmium Systems

see Cadmium-Cadmium Bromide Systems

Cadmium Bromides**Cadmium-Cadmium Bromide Systems****Cadmium-Cadmium Chloride Systems****Cadmium-Cadmium Iodide Systems****Cadmium Carbonates****Cadmium-Cerium Alloys****Cadmium Chelates****Cadmium Chloride-Cadmium Systems**

see Cadmium-Cadmium Chloride Systems

Cadmium Chloride–Cobalt Chloride Systems
 Cadmium Chloride–Indium Chloride Systems
 Cadmium Chloride–Lithium Chloride Systems
 Cadmium Chloride–Potassium Bromide Systems
 Cadmium Chloride–Potassium Chloride Systems
 Cadmium Chloride–Rubidium Chloride Systems
 Cadmium Chloride–Water–Zinc Chloride Systems
 Cadmium Chlorides
 Cadmium Chlorides (Liquid)
 Cadmium Coatings
 xx Coatings
 Cadmium Complexes
 Cadmium Compounds
 Cadmium–Copper Alloys
 Cadmium–Copper Ferrates
 Cadmium–Copper–Silver Alloys
 Cadmium Crystals
 Cadmium Cyanides
 xx Cyanides
 Cadmium–Europium–Silver Alloys
 Cadmium Fluochlorates
 xx Fluochlorates
 Cadmium Fluoride Crystals
 xx Fluoride Crystals
 Cadmium Fluoride–Nickel Systems
 Cadmium Fluorides
 Cadmium Foils
 Cadmium–Gadolinium Alloys
 Cadmium Gallates
 xx Gallates
 Cadmium–Gallium Alloys
 Cadmium–Gold Alloys
 Cadmium–Gold Crystals
 Cadmium–Gold–Indium Alloys
 Cadmium–Gold–Silver Alloys
 Cadmium Hydrides
 Cadmium–Indium Alloys
 Cadmium–Indium–Silver Alloys
 Cadmium–Indium–Silver–Tin Alloys
 Cadmium Iodide–Cadmium Systems
 see Cadmium–Cadmium Iodide Systems
 Cadmium Iodide Crystals
 xx Iodide Crystals
 Cadmium Iodides
 Cadmium Ions
 Cadmium Isotopes
 Cadmium Isotopes Cd¹⁰³
 Cadmium Isotopes Cd¹⁰⁴
 Cadmium Isotopes Cd¹⁰⁵
 Cadmium Isotopes Cd¹⁰⁶
 Cadmium Isotopes Cd¹⁰⁷
 Cadmium Isotopes Cd¹⁰⁸
 Cadmium Isotopes Cd¹⁰⁹
 Cadmium Isotopes Cd¹¹⁰
 Cadmium Isotopes Cd¹¹¹
 Cadmium Isotopes Cd¹¹²
 Cadmium Isotopes Cd¹¹³
 Cadmium Isotopes Cd¹¹⁴
 Cadmium Isotopes Cd¹¹⁵
 Cadmium Isotopes Cd¹¹⁶
 Cadmium Isotopes Cd¹¹⁷
 Cadmium Isotopes Cd¹¹⁸
 Cadmium Isotopes Cd¹¹⁹
 Cadmium–Lead Alloys
 Cadmium–Lead–Tin Alloys
 Cadmium–Magnesium Alloys
 Cadmium–Mercury Alloys
 Cadmium–Molybdenum Alloys
 Cadmium–Nickel Alloys
 Cadmium Nickel Batteries
 see Alkaline Batteries
 Cadmium Niobates

 xx Niobates
 Cadmium Nitrates
 Cadmium Oxide–Cadmium Sulfide Systems
 Cadmium Oxide Films
 xx Oxide Films
 Cadmium Oxide–Niobium Oxide Systems
 Cadmium Oxide–Uranium Oxide Systems
 Cadmium Oxide–Zirconium Oxide Systems
 Cadmium Oxides
 Cadmium–Palladium–Silver Alloys
 Cadmium Perchlorates
 xx Perchlorates
 Cadmium–Plutonium Alloys
 Cadmium–Polonium Alloys
 Cadmium Selenide Crystals
 xx Selenide Crystals
 Cadmium Selenides
 xx Selenides
 Cadmium–Silver Alloys
 Cadmium–Silver Alloys (Clad)
 Cadmium–Sodium Alloys
 Cadmium Sulfate–Boric Acid–Water Systems
 see Boric Acid–Cadmium Sulfate–Water Systems
 Cadmium Sulfates
 Cadmium Sulfide–Cadmium Oxide Systems
 see Cadmium Oxide–Cadmium Sulfide Systems
 Cadmium Sulfide Crystals
 xx Sulfide Crystals
 Cadmium Sulfides
 Cadmium Systems
 Cadmium Tellurides
 xx Tellurides
 Cadmium–Tellurium Systems
 Cadmium–Thallium Alloys
 Cadmium Thiocyanates
 xx Cyanates
 Thiocyanates
 Cadmium–Tin Alloys
 Cadmium Titanates
 xx Titanates
 Cadmium–Titanium Alloys
 Cadmium–Titanium Couples
 Cadmium Tungstate Crystals
 xx Tungstate Crystals
 Cadmium Tungstates
 xx Tungstates
 Cadmium Uranates
 xx Uranates
 Cadmium–Uranium Alloys
 Cadmium–Water Systems
 Cadmium–Zinc Alloys
 Cadmium Zinc Sulfides
 xx Zinc Sulfides
 Cadmium–Zirconium Alloys
 Cadmium–Zirconium Alloys (Clad)
 Caffeine
 Cages
 see Metabolism Cages
 Calciferol
 see Vitamin D₃
 Calcification
 see also Bones
 Calcination
 xx Drying
 Calciners
 see Kilns
 Calcites
 see also Manganocalcites
 xx Calcium Carbonates
 Calcium
 see also Alkaline Earth Metals
 Calcium (Liquid)

Calcium Acetates**Calcium Acid Carbonate Complexes**

x Complexes

Calcium Alloys**Calcium Aluminates**

xx Aluminates

Calcium-Aluminum Alloys*see Aluminum-Calcium Alloys***Calcium Aluminum Hydrides**

xx Aluminum Hydrides

Calcium-Aluminum-Magnesium Alloys*see Aluminum-Calcium-Magnesium Alloys***Calcium-Aluminum-Magnesium-Manganese Alloys***see Aluminum-Calcium-Magnesium-Manganese Alloys***Calcium-Aluminum-Magnesium-Zinc Alloys***see Aluminum-Calcium-Magnesium-Zinc Alloys***Calcium Aluminum Silicates**

xx Aluminum Silicates

Calcium-Arsenic Systems*see Arsenic-Calcium Systems***Calcium-Barium Alloys***see Barium-Calcium Alloys***Calcium Barium Titanates***see Barium Calcium Titanates***Calcium Benzoates***see Benzoic Acid, Calcium Salts***Calcium-Bismuth Alloys***see Bismuth-Calcium Alloys***Calcium Borates***see also Colemanites*

xx Borates

Calcium Boride-Iron Systems**Calcium Boride-Iron Systems (Clad)****Calcium Boride-Lead Systems****Calcium Borides**

xx Borides

Calcium Borohydrides

xx Borohydrides

Calcium Boronitrides

xx Boronitrides

Calcium Bromates

xx Bromates

Calcium-Calcium Chloride Systems**Calcium Carbides****Calcium Carbonate Crystals**

xx Carbonate Crystals

Calcium Carbonates*see also Calcites**Limestone*

xx Limestone

Calcium Cerates

xx Cerates

Calcium Chloride-Barium Chloride-Barium Nitrate-Calcium Nitrate Systems*see Barium Chloride-Barium Nitrate-Calcium Chloride-Calcium Nitrate Systems***Calcium Chloride-Boric Acid-Water Systems***see Boric Acid-Calcium Chloride-Water Systems***Calcium Chloride-Calcium Systems***see Calcium-Calcium Chloride Systems***Calcium Chloride-Cerium Chloride Systems****Calcium Chloride-Cesium Chloride-Potassium Chloride Systems****Calcium Chloride-Cesium Chloride Systems****Calcium Chloride-Lanthanum Chloride Systems****Calcium Chloride-Lithium Chloride-Potassium Chloride Systems****Calcium Chloride-Lithium Chloride-Sodium Chloride Systems****Calcium Chloride-Neodymium Chloride Systems****Calcium Chloride-Plutonium Chloride Systems****Calcium Chloride-Potassium Chloride-Rubidium Chloride Systems****Calcium Chloride-Potassium Chloride Systems****Calcium Chloride-Rubidium Chloride Systems****Calcium Chloride-Sodium Chloride Systems****Calcium Chloride-Uranium Chloride Systems****Calcium Chloride-Zirconium Oxide Systems****Calcium Chlorides****Calcium Chlorides (Liquid)****Calcium Chromates****Calcium Complexes****Calcium Compounds****Calcium-Copper Alloys****Calcium Crystals****Calcium Deuterides**

xx Deuterides

Calcium Ferrates

xx Ferrates

Calcium Films

xx Films

Calcium Fluochlorates

xx Fluochlorates

Calcium Fluoride-Aluminum Fluoride-Aluminum Oxide-Sodium Fluoroaluminate Systems*see Aluminum Fluoride-Aluminum Oxide-Calcium Fluoride-Sodium Fluoroaluminate Systems***Calcium Fluoride-Barium Fluoride-Lithium Fluoride Systems***see Barium Fluoride-Calcium Fluoride-Lithium Fluoride Systems***Calcium Fluoride-Beryllium Fluoride Systems***see Beryllium Fluoride-Calcium Fluoride Systems***Calcium Fluoride-Calcium Iodide Systems****Calcium Fluoride-Calcium Oxide Systems****Calcium Fluoride Crucibles**

xx Fluoride Crucibles

Calcium Fluoride Crystals

xx Fluoride Crystals

Calcium Fluoride-Lithium Fluoride-Magnesium Fluoride Systems**Calcium Fluoride-Lithium Fluoride-Potassium Fluoride-Sodium Fluoride Systems****Calcium Fluoride-Lithium Fluoride-Strontium Fluoride Systems****Calcium Fluoride-Lithium Fluoride Systems****Calcium Fluoride-Magnesium Fluoride Systems****Calcium Fluoride-Magnesium Oxide Systems****Calcium Fluoride-Nickel Systems****Calcium Fluoride Powders**

xx Fluoride Powders

Calcium Fluoride-Sodium Fluoride Systems**Calcium Fluoride-Thorium Fluoride-Zinc Fluoride Systems****Calcium Fluorides***see also Fluorspars*

x Fluorites

xx Fluorspars

Calcium Fluoruthenates

x Calcium Ruthenium Fluorides

xx Fluoruthenates

Calcium Fluosilicates

xx Fluosilicates

Calcium-Germanium Alloys**Calcium Glycolates***see Glycolic Acid, Calcium Salts***Calcium Hafnates**

xx Hafnates

Calcium Hydride-Lithium Hydride Systems**Calcium Hydrides****Calcium-Hydrogen Systems****Calcium Hydroxide Slurries**

xx Hydroxide Slurries

Calcium Hydroxides

x Lime

Calcium Hypophosphites

xx Hypophosphites

Calcium Iodide–Calcium Fluoride Systems

see Calcium Fluoride–Calcium Iodide Systems

Calcium Iodides

Calcium Ions

Calcium Isotopes

Calcium Isotopes Ca³⁸Calcium Isotopes Ca³⁹Calcium Isotopes Ca⁴⁰Calcium Isotopes Ca⁴¹Calcium Isotopes Ca⁴²Calcium Isotopes Ca⁴³Calcium Isotopes Ca⁴⁴Calcium Isotopes Ca⁴⁵Calcium Isotopes Ca⁴⁶Calcium Isotopes Ca⁴⁷Calcium Isotopes Ca⁴⁸Calcium Isotopes Ca⁴⁹Calcium Isotopes Ca⁵⁰

Calcium–Lanthanum Alloys

Calcium–Lead Alloys

Calcium–Lithium Alloys

Calcium–Lithium–Magnesium Alloys

Calcium–Magnesium Alloys

Calcium–Magnesium–Manganese Alloys

Calcium Magnesium Oxides

xx Magnesium Oxides

Calcium–Magnesium–Thorium Alloys

Calcium–Magnesium–Zinc Alloys

Calcium–Mercury Alloys

Calcium Metaphosphates

xx Metaphosphates

Calcium Minerals

Calcium–Nickel Alloys

Calcium–Niobium Alloys

Calcium Nitrate–Barium Chloride–Barium Nitrate–Calcium Chloride Systems

see Barium Chloride–Barium Nitrate–Calcium Chloride–Calcium Nitrate Systems

Calcium Nitrate–Potassium Nitrate Systems

Calcium Nitrate–Silver Nitrate Systems

Calcium Nitrates

Calcium Nitrates

Calcium Oxalates

Calcium Oxide–Aluminum Oxide–Barium Oxide Systems

see Aluminum Oxide–Barium Oxide–Calcium Oxide Systems

Calcium Oxide–Aluminum Oxide–Silicon Oxide Systems

see Aluminum Oxide–Calcium Oxide–Silicon Oxide Systems

Calcium Oxide–Beryllium Oxide Systems

see Beryllium Oxide–Calcium Oxide Systems

Calcium Oxide–Calcium Fluoride Systems

see Calcium Fluoride–Calcium Oxide Systems

Calcium Oxide Crucibles

xx Oxide Crucibles

Calcium Oxide Crystals

xx Oxide Crystals

Calcium Oxide–Iron Oxide–Silicon Oxide Systems

Calcium Oxide–Iron Oxide Systems

Calcium Oxide–Lithium Oxide–Silicon Oxide Systems

Calcium Oxide–Magnesium Oxide Systems

Calcium Oxide–Magnesium Oxide–Zirconium Oxide Systems

Calcium Oxide–Niobium Oxide–Silicon Oxide Systems

Calcium Oxide–Niobium Oxide Systems

Calcium Oxide Powders

xx Oxide Powders

Calcium Oxide–Silicon Oxide–Sodium Oxide Systems

Calcium Oxide–Sodium Hydroxide Systems

x Soda Lime

xx Drying Agents

Calcium Oxide–Thorium Oxide Systems

Calcium Oxide–Titanium Oxide Systems

Calcium Oxide–Titanium Oxide–Zirconium Oxide Systems

Calcium Oxide–Uranium Oxide Systems

Calcium Oxide–Uranium(VI) Oxide–Vanadium Oxide Systems

Calcium Oxide–Uranium Oxide–Yttrium Oxide–Zirconium Oxide Systems

Calcium Oxide–Uranium Oxide–Zirconium Oxide Systems

Calcium Oxide–Uranium Systems

Calcium Oxide–Vanadium Oxide Systems

Calcium Oxide–Zirconium Oxide Systems

Calcium Oxides

x Lime

Calcium Perchlorates

Calcium Phosphate–Strontium Phosphate Systems

Calcium Phosphates

Calcium Plutonium(IV) Fluorides

xx Plutonium(IV) Fluorides

Calcium–Polonium Alloys

Calcium Ruthenium Fluorides

see Calcium Fluororuthenates

Calcium Salts

see also Acetic Acid, (Ethylenediamine)- Tetra-, Calcium Salts

Butyric Acid, Fluoro-, Calcium Salts

Glycolic Acid, Calcium Salts

Calcium–Samarium Alloys

Calcium Silicates

xx Silicates

Calcium Silicides

Calcium–Silver Alloys

Calcium Stannates

xx Stannates

Calcium–Strontium Alloys

Calcium Strontium Titanates

xx Strontium Titanates

Calcium Sulfate Crystals

xx Sulfate Crystals

Calcium Sulfates

see also Anhydrites

Gypsums

xx Anhydrites

Gypsums

Calcium Sulfide Crystals

xx Sulfide Crystals

Calcium Sulfide–Yttrium Sulfide Systems

Calcium Sulfides

Calcium Systems

Calcium Tartratonobates

xx Tartratonobates

Calcium–Tin Alloys

Calcium Titanate–Barium Titanate Systems

see Barium Titanate–Calcium Titanate Systems

Calcium Titanate Crystals

xx Titanate Crystals

Calcium Titanates

see also Barium Calcium Titanates

xx Titanates

Calcium–Titanium Alloys

Calcium Tungstate Crystals

xx Tungstate Crystals

Calcium Tungstates

xx Tungstates

Calcium Uranates

xx Uranates

Calcium–Uranium Alloys

Calcium Uranium Fluorides

xx Uranium Fluorides

Calcium Uranium Oxalates

xx Uranium Oxalates

Calcium Uranyl Arsenates

xx Uranyl Arsenates

Calcium Uranyl Carbonates

xx Uranyl Carbonates

Calcium Uranyl Phosphates

- xx Uranyl Phosphates

Calcium Vanadates

- xx Vanadates

Calcium Yttrium Titanates

- xx Yttrium Titanates

Calcium Yttrium Uranates

- xx Yttrium Uranates

Calcium-Zinc Alloys**Calcium Zirconates**

- xx Zirconates

Calculators

see Computers

Calder Hall Reactors

- x Chapelcross Reactors
- PIPPA Reactors
- xx British Reactors
- Gas Cooled Reactors
- Graphite Moderated Reactors
- Power Breeder Reactors

Calibration**Californium**

see also Actinides

- xx Actinides
- Transplutonic Elements
- Transuranic Elements

Californium Complexes**Californium Compounds****Californium Ions****Californium Isotopes****Californium Isotopes Cf²⁴⁴****Californium Isotopes Cf²⁴⁵****Californium Isotopes Cf²⁴⁶****Californium Isotopes Cf²⁴⁷****Californium Isotopes Cf²⁴⁸****Californium Isotopes Cf²⁴⁹****Californium Isotopes Cf²⁵⁰****Californium Isotopes Cf²⁵¹****Californium Isotopes Cf²⁵²****Californium Isotopes Cf²⁵³****Californium Isotopes Cf²⁵⁴****Californium Nitrates****Calorimeters**

- x Meters

Calorimetry

- xx Analysis

Calutrons

see also Apotrons

Cyclotrons

Electromagnetic Separation Plant

Isotrons

- x "H" Development
- Sparking
- xx Accelerators
- Electromagnetic Separation
- Electromagnetic Separation Plant
- Mass Spectrometers

Cambridge Electron Accelerator (CEA)

see Cambridge Synchrotron

Cambridge Synchrotron

(Harvard-MIT)

- x Cambridge Electron Accelerator
- CEA
- xx Synchrotrons

Cameras

see also Electron Cameras

Gamma Cameras

Photography

X-Ray Cameras

- x Shutters
- xx Photography

Camouflage**Camphene****Camphorates**

see also Polonium Camphorates

Cams

- xx Mechanical Drives

Canadian Heavy Water Reactor

see NRX Reactor

Canadian Reactors

see CANDU Reactor
NPD Reactor
NRU Reactor
NRX Reactor
Organic Cooled Deuterium Reactor
ZEEP

Canadian Tributyl Phosphate Process

see Tributyl Phosphate Process (Canada)

Canavanine**Cancer**

see Carcinomas

Leukemia

Sarcomas

Tumors

Cancer-Inducing Agents

see Carcinogens

Cancer-Inhibiting Agents

see Carcinolytic Agents

CANDU Reactor

- x Canadian Reactors
- xx Heavy Water Reactors
- Power Reactors

Cane Sugar

see Sucrose

Canisters

see Gas Mask Canisters

Canning

see Slug Canning

Cannizzaro Reaction

- x Reactions

Cans and Canning

see Radiation Target Cans
Slug Cans

Capacitors

see Electric Condensers

Capillaries

(For capillary tubes *see also Tubes*)

see also Blood Vessels

- xx Blood Vessels

Caproic Acid**Caproic Acid, α -Amino-**

see Norleucine

Caproic Acid, α -Bromo-**Caproic Acid Derivatives****Caproic Acid, α,ϵ -Diamino-**

see Lysines

Caproic Acids

(Substituted caproic acids)

Caprylic Acid

- x Octanoic Acid
- Octic Acid
- Octoic Acid
- Octylic Acid

Caprylic Acid, α -Bromo-**Caprylic Acids, Thio-**

- x α -Lipoic Acid
- 6-Thioctic Acid

Capture Cross Sections

see Neutron Capture Cross Sections
Proton Capture Cross Sections

Capture-To-Fission Ratios

see also Neutron Cross Sections

- xx Fission
- Neutron Capture Cross Sections

Neutron Fission Cross Sections

Carbamic Acid, Diethyldithio-
Carbamic Acid, Diethyldithio-, Sodium Salts
Carbamic Acid, Dimethyldithio-
Carbamic Acid, Dithio-
Carbamic Acid Esters
 xx Esters
Carbamic Acid, Ethyl Ester
 x Urethan
 Carbamic Acid, Ethyl Ester Polymers
see Urethan Polymers
Carbamic Acid, Methyl Ester
Carbanilic Acid, Isopropyl Ester
Carbanilide, Thio-
 x DPT
 Urea, 1,3-Diphenyl-2-Thio-
 Carbazide
see Carbohydrazide
Carbazole
Carbazone, Di- β -Naphthylthio-
 Carbazone, Diphenylthio-
see Dithizone
Carbazones, Thio-
 Carbinol, Diphenyl(trifluoromethyl)-
Carbide Coatings
see also Boron Carbide Coatings
 Chromium Carbide Coatings
 Niobium Carbide Coatings
 Silicon Carbide Coatings
 Tantalum Carbide Coatings
 Titanium Carbide Coatings
 Tungsten Carbide Coatings
 Zirconium Carbide Coatings
 xx Coatings
Carbide Compacts
see also Beryllium Carbide Compacts
 Boron Carbide Compacts
 Chromium Carbide Compacts
 Gadolinium Carbide Compacts
 Silicon Carbide Compacts
 Titanium Carbide Compacts
 Uranium Carbide Compacts
 Zirconium Carbide Compacts
 xx Compacts
Carbide Crucibles
see also Silicon Carbide Crucibles
 Tantalum Carbide Crucibles
 Uranium Carbide Crucibles
 xx Crucibles
Carbide Crystals
see also Beryllium Carbide Crystals
 Boron Carbide Crystals
 Silicon Carbide Crystals
 xx Crystals
Carbide Slurries
see also Uranium Carbide Slurries
Carbides
(See also specific carbides)
see also Acetylides
 Rare Earth Carbides
 x Metal Carbides
 Carbinol, Amyldimethyl-
see 2-Heptanol, 2-Methyl-
 Carbinol, Butyldimethyl-
see 2-Hexanol, 3-Methyl-
 Carbinol, Cyclopropyl-
see Cyclopropanemethanol
 Carbinol, Diisobutyl-
see 4-Heptanol, 2,6-Dimethyl-
 Carbinol, Diisopropyl-
see 3-Pentanol, 2,4-Dimethyl-
 Carbinol, Dimethylpropyl-

see 2-Pentanol, 2-Methyl-

Carbazyl, Picryl-*N*-Amino-

see Carbinols

Carbinol, 4-Methyl-9-Fluorenyl-

see 9-Fluorenemethanols

Carbinol, Methylisobutyl-

see 2-Pentanol, 4-Methyl-

Carbinols

x Carbinol, Diphenyl(trifluoromethyl)-

Carbitol, Dibutyl

see Butex Process

Ether, Bis(2-Butoxyethyl)

Carbitol, Diethyl

see Ether, Bis(2-Ethoxyethyl)

Carbohydrates

see also Celluloses

Sugars

xx Sugars

Carbohydrazide

x Carbazide

Carbohydrazide, Diphenyl-

Carbohydrazide, Diphenylthio-

Carboloy

see Tungsten Carbides

Carbon

see also Carbon Black

Charcoal

Coal

Diamonds

Graphite

xx Adsorbents

Diamonds

Graphite

Carbon (Activated)

see also Charcoal

x Activated Carbon

xx Charcoal

Carbon-Aluminum-Iron Systems

see Aluminum-Carbon-Iron Systems

Carbon-Aluminum-Manganese-Nitrogen-Titanium Systems

see Aluminum-Carbon-Manganese-Nitrogen-Titanium Systems

Carbon-Aluminum-Manganese-Titanium Systems

see Aluminum-Carbon-Manganese-Titanium Systems

Carbon-Aluminum-Titanium Systems

see Aluminum-Carbon-Titanium Systems

Carbon-Aluminum-Titanium-Vanadium Systems

see Aluminum-Carbon-Titanium-Vanadium Systems

Carbon-Aluminum-Uranium Systems

see Aluminum-Carbon-Uranium Systems

Carbon Arcs

x Arcs

Carbon-Arsenic-Iron Systems

see Arsenic-Carbon-Iron Systems

Carbon-Beryllium Carbide Compacts

see Beryllium Carbide-Carbon Compacts

Carbon-Beryllium Carbide Systems

see Beryllium Carbide-Carbon Systems

Carbon-Beryllium Carbide-Uranium Carbide Systems

see Beryllium Carbide-Carbon-Uranium Carbide Systems

Carbon-Beryllium Systems

see Beryllium-Carbon Systems

Carbon-Beryllium-Thorium Systems

see Beryllium-Carbon-Thorium Systems

Carbon-Beryllium-Uranium Systems

see Beryllium-Carbon-Uranium Systems

Carbon Black

x Graphon

xx Carbon

Carbon-Boron-Silicon Systems

see Boron-Carbon-Silicon Systems

Carbon-Boron Systems

see Boron-Carbon Systems

Carbon-Boron-Titanium Systems*see Boron-Carbon-Titanium Systems***Carbon-Boron-Tungsten Systems***see Boron-Carbon-Tungsten Systems***Carbon-Boron-Zirconium Systems***see Boron-Carbon-Zirconium Systems***Carbon Bromides***see also Carbon Tetrabromide***Carbon Chlorides***see also Carbon Tetrachloride***Carbon-Chromium-Iron-Manganese-Nitrogen Systems****Carbon-Chromium-Iron-Manganese Systems****Carbon-Chromium-Iron-Nickel Systems****Carbon-Chromium-Iron-Nitrogen-Titanium Systems****Carbon-Chromium-Thorium Systems****Carbon-Chromium-Titanium Systems****Carbon-Chromium-Uranium Systems****Carbon Coatings****Carbon-Cobalt-Germanium Systems****Carbon-Cobalt-Indium Systems****Carbon-Cobalt-Iron Systems****Carbon-Cobalt-Manganese Systems****Carbon-Cobalt Systems****Carbon-Cobalt-Tungsten Systems****Carbon-Cobalt-Uranium Systems****Carbon Compacts**

xx Compacts

Carbon Compounds*see also Graphite Compounds***Carbon-Copper-Iron Systems****Carbon-Copper-Uranium Systems****Carbon Crucibles***see also Graphite Crucibles*

xx Crucibles

Carbon Dioxide-Air Systems*see Air-Carbon Dioxide Systems***Carbon Dioxide-Argon Systems***see Argon-Carbon Dioxide Systems***Carbon Dioxide-Carbon Monoxide-Graphite Systems****Carbon Dioxide-Carbon Monoxide Systems****Carbon Dioxide-Carbon Sulfide Systems****Carbon Dioxide-Deuterium Systems****Carbon Dioxide-Graphite-Helium Systems****Carbon Dioxide-Graphite Systems****Carbon Dioxide-Helium Systems****Carbon Dioxide-Hydrogen-Oxygen Systems****Carbon Dioxide-Hydrogen Systems****Carbon Dioxide-Methane Systems****Carbon Dioxide-Neon Systems****Carbon Dioxide-Nitrogen Systems****Carbon Dioxide-Sodium Oxide-Uranium Oxide-Water Systems****Carbon Dioxide-Water Systems***see also Carbonic Acids*

xx Carbonic Acids

Carbon Dioxides*see also Animal Respiration**Carbonic Acids**Plant Respiration*

xx Carbonic Acids

Dioxides

Carbon Electrodes

xx Electrodes

Carbon Films*see also Hydrocarbon Films*

xx Films

Carbon Fluorides*see Carbon Tetrafluoride**Fluorocarbons***Carbon-Germanium-Iron Systems****Carbon-Germanium-Manganese Systems****Carbon-Hafnium Systems****Carbon-Indium-Iron Systems****Carbon-Indium-Nickel Systems****Carbon Ion Beams**

x Beams

xx Carbon Ions

Ion Beams

Carbon Ion Beams (C12)

x Beams

xx Ion Beams

Carbon Ion Beams (C18)

x Beams

xx Ion Beams

Carbon Ions*see also Carbon Ion Beams***Carbon-Iridium-Rhodium Systems****Carbon-Iridium Systems****Carbon-Iron-Lead-Nickel Systems****Carbon-Iron-Magnesium Systems****Carbon-Iron-Manganese-Silicon Systems****Carbon-Iron-Manganese Systems****Carbon-Iron-Molybdenum Systems****Carbon-Iron-Nickel Systems****Carbon-Iron-Silicon Systems****Carbon-Iron Systems****Carbon-Iron-Tin Systems****Carbon-Iron-Titanium Systems****Carbon-Iron-Titanium-Vanadium Systems****Carbon-Iron-Uranium Systems****Carbon-Iron-Zinc Systems****Carbon Isotopes****Carbon Isotopes C9****Carbon Isotopes C10****Carbon Isotopes C11****Carbon Isotopes C12****Carbon Isotopes C13****Carbon Isotopes C14****Carbon Isotopes C15****Carbon Isotopes C16****Carbon Isotopes C17****Carbon Isotopes C18****Carbon Isotopes C19****Carbon Isotopes C20****Carbon-Lanthanum Systems****Carbon-Magnesium Sulfide Systems****Carbon-Magnesium Systems****Carbon-Manganese-Nitrogen-Titanium Systems****Carbon-Manganese-Titanium Systems****Carbon-Manganese-Zinc Systems****Carbon Molecules**

xx Molecules

Carbon-Molybdenum-Silicon Systems**Carbon-Molybdenum Systems****Carbon-Molybdenum-Titanium Systems****Carbon-Molybdenum-Titanium-Zirconium Systems****Carbon-Molybdenum-Tungsten Systems****Carbon-Molybdenum-Zirconium Systems****Carbon Monoxide-Argon Systems***see Argon-Carbon Monoxide Systems***Carbon Monoxide-Carbon Dioxide-Graphite Systems***see Carbon Dioxide-Carbon Monoxide-Graphite Systems***Carbon Monoxide-Carbon Dioxide Systems***see Carbon Dioxide-Carbon Monoxide Systems***Carbon Monoxide-Graphite-Helium Systems****Carbon Monoxide-Graphite Systems****Carbon Monoxide-Hydrogen Systems****Carbon Monoxides****Carbon-Nickel Systems****Carbon-Nickel-Titanium Systems****Carbon-Nickel-Tungsten Systems****Carbon-Nickel-Uranium Systems****Carbon-Niobium-Oxygen Systems**

Carbon–Niobium–Silicon Systems

Carbon–Niobium Systems

Carbon–Nitrogen–Tantalum Systems

Carbon–Nitrogen–Titanium Systems

Carbon–Nitrogen–Uranium Systems

Carbon–Osmium Systems

Carbon Oxides

see also Carbon Dioxides

Carbon Monoxides

Carbon–Oxygen–Sodium Systems

Carbon–Oxygen–Tantalum Systems

Carbon–Oxygen–Titanium Systems

Carbon–Oxygen–Uranium Systems

Carbon–Oxygen–Vanadium Systems

Carbon–Palladium Systems

Carbon–Platinum Systems

Carbon–Plutonium Systems

Carbon–Plutonium–Uranium Systems

Carbon–Rhenium Systems

Carbon–Rhodium Systems

Carbon–Ruthenium Systems

Carbon Selenide Sulfides

Carbon Selenides

Carbon–Silicon–Silicon Carbide Systems

Carbon–Silicon Systems

Carbon–Silicon–Tantalum Systems

Carbon–Silicon–Titanium Systems

Carbon–Silicon–Tungsten Systems

Carbon–Silicon–Uranium Systems

Carbon–Silicon–Zirconium Systems

Carbon Steel

xx Steel

Carbon Steel (Stainless Steel Clad)

xx Stainless Steel Coatings

Carbon Subnitride

see Acetylenedicarbontrile

Carbon Sulfide–Carbon Dioxide Systems

see Carbon Dioxide–Carbon Sulfide Systems

Carbon Sulfide Selenides

see Carbon Selenide Sulfides

Carbon Sulfide Tellurides

Carbon Sulfides

Carbon Systems

Carbon–Tantalum Systems

Carbon–Tantalum–Titanium Systems

Carbon–Tantalum–Uranium Systems

Carbon Telluride Sulfides

see Carbon Sulfide Tellurides

Carbon Tetrabromide

x Methane, Tetrabromo-

Carbon Tetrabromide–Carbon Tetrachloride Systems

Carbon Tetrachloride

x Methane, Tetrachloro-

xx Carbon Chlorides

Carbon Tetrachloride–Acetic Acid–Water Systems

see Acetic Acid–Carbon Tetrachloride–Water Systems

Carbon Tetrachloride–Benzene, Hexachloro- Systems

see Benzene, Hexachloro–Carbon Tetrachloride Systems

Carbon Tetrachloride–Benzene Systems

see Benzene–Carbon Tetrachloride Systems

Carbon Tetrachloride–Boron Chloride Systems

see Boron Chloride–Carbon Tetrachloride Systems

Carbon Tetrachloride–Boron Fluoride Systems

see Boron Fluoride–Carbon Tetrachloride Systems

Carbon Tetrachloride–Bromine Systems

see Bromine–Carbon Tetrachloride Systems

Carbon Tetrachloride–2-Butanone Systems

see 2-Butanone–Carbon Tetrachloride Systems

Carbon Tetrachloride–Butyl Phosphate Systems

see Butyl Phosphate–Carbon Tetrachloride Systems

Carbon Tetrachloride–Carbon Tetrabromide Systems

see Carbon Tetrabromide–Carbon Tetrachloride Systems

Carbon Tetrachloride–Ethanol Systems

Carbon Tetrachloride–Ether, Bis(2-Butoxyethyl) Systems

Carbon Tetrachloride–Hydrogen Systems

Carbon Tetrachloride–Methacrylic Acid, Methyl Ester Systems

Carbon Tetrachloride–Methanol Systems

Carbon Tetrachloride–Nitric Acid Systems

Carbon Tetrachloride–Nitrogen Systems

Carbon Tetrachloride–2-Pentanone, 4-Methyl-Systems

Carbon Tetrachloride–Phenol Systems

Carbon Tetrachloride–Propane, 2,2-Dimethyl-Systems

Carbon Tetrachloride–Styrene Systems

Carbon Tetrafluoride

x Carbon Fluorides

Methane, Tetrafluoro-

Carbon Tetrafluoride–Methane Systems

Carbon Tetraiodide

x Methane, Tetraiodo

Carbon–Thorium Systems

Carbon–Thorium–Titanium Systems

Carbon–Thorium–Uranium Systems

Carbon–Tin Systems

Carbon–Tin–Uranium Systems

Carbon–Titanium Couples

Carbon–Titanium Systems

Carbon–Titanium–Uranium Systems

Carbon–Tungsten Systems

Carbon–Uranium Systems

Carbon–Uranium–Zirconium Systems

Carbon–Vanadium Systems

Carbon–Zinc Systems

Carbon–Zirconium Oxide Systems

Carbon–Zirconium Silicate Systems

Carbon–Zirconium Systems

Carbonaceous Rocks

xx Rocks

Carbonaceous Shales

see also Bituminous Shales

Black Shales

Oil Shales

xx Bituminous Shales

Black Shales

Oil Shales

Shales

Carbonate Compacts

see also Strontium Carbonate Compacts

xx Compacts

Carbonate Complexes

see also Thorium Carbonate Complexes

x Complexes

Carbonate Crystals

see also Calcium Carbonate Crystals

Carbonate Ions

Carbonate Leach Residues

see Uranium Leach Residues (Carbonate)

Carbonate Leach Solutions

see Uranium Leach Solutions (Carbonate)

Carbonate Slurries

see also Uranyl Carbonate Slurries

xx Slurries

Carbonates

see also Alkali Metal Carbonates

Ammonium Carbonates

Oxycarbonates

Rare Earth Carbonates

Uranyl Carbonates

(*See also carbonates and acid carbonates of specific elements*)

Carbonic Acid, Allyl Ester

x Allyl Carbonate

Carbonic Acid, Butyl Ester

x Butyl Carbonate

Carbonic Acid, Diethyl Ester

- x Ethyl Carbonate

Carbonic Acid, Dimethyl Ester

- x Methyl Carbonate

Carbonic Acid—Methanol—Sodium Tetraborate Systems**Carbonic Acid, Thio-, Salts****Carbonic Acids**

see also Carbon Dioxides

- xx Acids
- Carbon Dioxide—Water Systems
- Carbon Dioxides

Carbonitrides

see also Niobium Carbonitrides

see also Titanium Carbonitrides

- xx Nitrides

Carbonium Compounds**Carbonyl Chloride**

see Phosgene

Carbonyl Chloride Fluoride

- xx Chlorides
- Fluorides

Carbonyl Compounds**Carbonyl Fluoride**

- xx Fluorides

Carbonyl Group

- x Groups and Radicals

Carbonyl Selenide

- xx Selenides

Carbonyl Sulfide

- xx Sulfides

Carbonyls

(See also carbonyls of specific elements.)

see also Borine Carbonyls

- x Metal Carbonyls

Carborundum

see also Silicon Carbides

- xx Silicon Carbides

Carboxyl Group**Carboxylases**

(See also specific enzymes.)

- xx Enzymes

Carboxylation

see also Decarboxylation

Carboxylic Acids

see Dicarboxylic Acids

Fatty Acids

Tricarboxylic Acids

Carboxypeptidases**Carcinogenesis**

see also Carcinogens

Carcinomas

Carcinolysis

- xx Carcinogens
- Carcinolysis
- Carcinomas

Carcinogens

see also Carcinogenesis

Carcinolytic agents

Carcinomas

- x Cancer-Inducing Agents
- xx Carcinogenesis
- Carcinolytic Agents
- Carcinomas

Carcinolysis

see also Carcinogenesis

Carcinolytic Agents

Carcinomas

- xx Carcinogenesis
- Carcinolytic Agents
- Carcinomas

Carcinolytic Agents

(See also specific carcinolytic agents.)

see also Carcinogens

Carcinolysis

Carcinomas

- x Cancer-Inhibiting Agents
- xx Carcinogens
- Carcinolysis
- Carcinomas

Carcinomas

(See also specific carcinomas, organs, tissues, animals, etc.)

see also Carcinogenesis

Carcinogens

Carcinolysis

Carcinolytic Agents

Sarcomas

- x Cancer
- xx Carcinogenesis
- Carcinogens
- Carcinolysis
- Carcinolytic Agents
- Sarcomas
- Tumors

Cardiac Drugs

- xx Drugs

Cardiography

- x Electrocardiography

Carminic Acid**Carnitine Hydrochloride**

see also Vitamin B₇

- xx Vitamin B₇

Carnotites

- x Uravan Ores
- xx Ores
- Uranium Minerals
- Uranium Ores

Carolinas-Virginia Nuclear Power Associates Reactor

see Carolinas-Virginia Tube Reactor

Carolinas-Virginia Tube Reactor

- x CVNPA Reactor
- Parr Shoals Power Reactor
- xx Heavy Water Reactors
- Power Reactors

Carotene

- xx Vitamin A

Carotenoids**Carrier Vessel Reactor**

- x A1W
- A2W
- A3W
- CVR
- Large Ship Reactor
- LSR
- xx Enriched Reactors
- Naval Reactors
- Power Reactors
- Pressurized Water Reactors

Cartilage

see also Collagen

Cartridges (Fuel Elements)

see Long Cartridges

Slug Elements

Cascade Impactors

see also Particles

- x Entrainment Separators
- Impactors
- Precipitators
- xx Particle Collectors
- Particle Precipitators

Cascade Particles

see Hyperons (Ξ)

Cascade Showers

(See also showers identified by the inducing radiation, e.g., Cosmic

Concretes
 Mortars
 Centrifugal Contactors
 see Extraction Apparatus
 Spinner Columns
Centrifugal Pumps
 see also Rotary Pumps
 x Turbine Pumps
 xx Pumps
 Rotary Pumps
Centrifugation
 x Ultracentrifugation
Centrifuges
 see also Cyclone Separators
 Gas Centrifuges
 Ceramals
 see Cermets
Ceramic Binders
 (Organic and inorganic, see also specific binders by name)
 xx Adhesives
 Binders
 Cements
Ceramic Bodies
 x Bodies
Ceramic Bonding
 see also Cementation
 xx Bonding
 Cementation
 Seals and Glands
Ceramic Coatings
 see also Glazes
 Porcelain Enamels
 Refractory Coatings
 x Refractories and Crucibles
 xx Coatings
 Refractory Coatings
Ceramic Crucibles
 xx Crucibles
 Ceramic Enamels
 see Porcelain Enamels
Ceramic-Gas Systems
Ceramic Insulators
 x Insulators
Ceramic Materials
 *(See also specific compounds, see also materials by common names,
 e g , Graphite and Glazes In indexing ceramic systems, the names
 of the constituents are listed in alphabetical order, and one entry
 is made under the first name, e g , the binary aluminate BaO·Al₂O₃,
 is indexed as Aluminum Oxide-Barium Oxide Systems)*
 see also Reactor Fuel Elements (Ceramic)
 Refractory Materials
 x Ceramics
 Refractories and Crucibles
 xx Refractory Materials
Ceramic-Metal Couples
 x Metal-Metal Oxide Couples
Ceramic-Metal Systems
 see Cermets
Ceramic-Uranium Oxide Systems
 Ceramics
 see Ceramic Materials
Cerates
 see also Calcium Cerates
 Cerenkov Radiation
 see Cherenkov Radiation
Cerianites
 xx Cerium Oxides
 Rare Earth Minerals
Ceric Acid
 xx Acids
Cerites
Cerium

see also Rare Earths
Cerium (Liquid)
Cerium Acetates
 xx Acetates
Cerium Acetylacetonates
 xx Acetylacetonates
Cerium Alcoholates
 xx Alcoholates
Cerium Alloys
 see also Misch Metal
 Cerium-Aluminum Alloys
 see Aluminum-Cerium Alloys
 Cerium-Aluminum-Iron Alloys
 see Aluminum-Cerium-Iron Alloys
 Cerium-Aluminum-Iron-Molybdenum Alloys
 see Aluminum-Cerium-Iron-Molybdenum Alloys
 Cerium-Aluminum-Iron-Vanadium Alloys
 see Aluminum-Cerium-Iron-Vanadium Alloys
 Cerium Aluminum Silicides
 see Aluminum-Cerium Silicides
 Cerium Aluminum Sulfides
 see Aluminum-Cerium Sulfides
 Cerium Ammonium Chlorides, Bis(Alkyl-
 see Ammonium Cerium Chlorides, Bis(Alkyl-
 Cerium Ammonium Nitrates
 see Ammonium Cerium Nitrates
 Cerium Ammonium Sulfates
 see Ammonium Cerium Sulfates
 Cerium-Beryllium Alloys
 see Beryllium-Cerium Alloys
 Cerium-Bismuth Alloys
 see Bismuth-Cerium Alloys
Cerium Boride-Lanthanum Boride Systems
Cerium Borides
 xx Bondes
Cerium Bromides
 Cerium-Cadmium Alloys
 see Cadmium-Cerium Alloys
Cerium Carbides
Cerium Carbonates
Cerium-Cerium Chloride Systems
Cerium Chelates
 Cerium Chloride-Calcium Chloride Systems
 see Calcium Chloride-Cerium Chloride Systems
 Cerium Chloride-Cerium Systems
 see Cerium-Cerium Chloride Systems
Cerium Chloride-Cesium Chloride Systems
**Cerium Chloride-Magnesium Chloride-Potassium
 Chloride Systems**
Cerium Chloride-Magnesium Chloride Systems
Cerium Chloride-Potassium Chloride Systems
Cerium Chloride-Sodium Chloride Systems
Cerium Chlorides
 see also Ammonium Cerium Chlorides, Bis(Alkyl-
 Cerium-Cobalt Alloys
 Cerium-Cobalt-Iron Alloys
 Cerium-Cobalt-Plutonium Alloys
Cerium Complexes
Cerium Compounds
 Cerium-Copper Alloys
 Cerium-Copper-Plutonium Alloys
 Cerium-Copper-Titanium Alloys
 Cerium-Copper-Titanium-Zirconium Alloys
 Cerium Cyanamides
 xx Cyanamides
 Cerium Ethyl Sulfates
 xx Ethyl Sulfates
Cerium Fluoride-Sodium Fluoride Systems
Cerium Fluorides
Cerium Formates
 xx Formates
Cerium Halides

Cerium Hydride-Mercury Systems**Cerium Hydrides****Cerium-Hydrogen Systems****Cerium Hydroxides****Cerium Iodates****Cerium Iodides****Cerium Ions****Cerium(II) Ions****Cerium(III) Ions****Cerium(IV) Ions****Cerium-Iridium Alloys****Cerium-Iron Alloys****Cerium-Iron-Plutonium Alloys****Cerium-Iron-Silicon Systems****Cerium Isotopes****Cerium Isotopes Ce¹³²****Cerium Isotopes Ce¹³³****Cerium Isotopes Ce¹³⁴****Cerium Isotopes Ce¹³⁵****Cerium Isotopes Ce¹³⁶****Cerium Isotopes Ce¹³⁷****Cerium Isotopes Ce¹³⁸****Cerium Isotopes Ce¹³⁹****Cerium Isotopes Ce¹⁴⁰****Cerium Isotopes Ce¹⁴¹****Cerium Isotopes Ce¹⁴²****Cerium Isotopes Ce¹⁴³****Cerium Isotopes Ce¹⁴⁴****Cerium Isotopes Ce¹⁴⁵****Cerium Isotopes Ce¹⁴⁶****Cerium Isotopes Ce¹⁴⁷****Cerium Isotopes Ce¹⁴⁸****Cerium-Lanthanum Alloys****Cerium-Lead Alloys****Cerium-Lutetium Alloys****Cerium-Magnesium Alloys****Cerium Magnesium Nitrates***see Magnesium Cerium Nitrates***Cerium-Magnesium-Thorium Alloys****Cerium-Magnesium-Zinc-Zirconium Alloys****Cerium-Magnesium-Zirconium Alloys****Cerium-Manganese Alloys****Cerium-Nickel Alloys****Cerium-Nickel-Plutonium Alloys****Cerium Niobates***xx Niobates***Cerium-Niobium Alloys****Cerium Nitrates***see also Ammonium Cerium Nitrates**Magnesium Cerium Nitrates**Zinc Cerium Nitrates***Cerium Nitride-Uranium Nitride Systems****Cerium Nitrides****Cerium-Osmium Alloys****Cerium Oxalates***xx Oxalates***Cerium Oxide-Beryllium Oxide Systems***see Beryllium Oxide-Cerium Oxide Systems***Cerium Oxide Crucibles***xx Oxide Crucibles***Cerium Oxide-Dysprosium Oxide Systems****Cerium Oxide-Gadolinium Oxide Systems****Cerium Oxide-Magnesium Oxide Systems****Cerium Oxide-Niobium Oxide Systems****Cerium Oxide-Plutonium Oxide Systems****Cerium Oxide-Praseodymium Oxide Systems****Cerium Oxide-Samarium Oxide Systems****Cerium Oxide-Silicon Carbide Systems****Cerium Oxide-Strontium Oxide Systems****Cerium Oxide-Thorium Oxide Systems****Cerium Oxide-Thorium Systems****Cerium Oxide-Uranium Oxide Systems****Cerium Oxide-Yttrium Oxide Systems****Cerium Oxide-Zirconium Oxide Systems****Cerium Oxides***see also Cerianites***Cerium Oxyfluorides***xx Oxyfluorides***Cerium Oxyselelenides***xx Oxyselelenides***Cerium Oxyulfides***xx Oxyulfides***Cerium Oxytellurides***xx Oxytellurides***Cerium Perchlorates***xx Perchlorates***Cerium Peroxides***xx Peroxides***Cerium Phosphates****Cerium Phosphides***xx Phosphides***Cerium-Platinum Alloys****Cerium-Plutonium Alloys****Cerium Potassium Sulfates***see Potassium Cerium Sulfates***Cerium Pyrophosphates***xx Pyrophosphates***Cerium-Rhodium Alloys****Cerium-Ruthenium Alloys****Cerium Selenides***xx Selenides***Cerium Silicates****Cerium Silicides***see also Aluminum Cerium Silicides**xx Silicides***Cerium-Silicon-Titanium Systems****Cerium-Silver-Titanium Alloys****Cerium(III) Sulfate Complexes***xx Sulfate Complexes***Cerium(IV) Sulfate Complexes***xx Sulfate Complexes***Cerium Sulfates***see also Ammonium Cerium Sulfates**Potassium Cerium Sulfates***Cerium Sulfide Crucibles***xx Sulfide Crucibles***Cerium Sulfides***see also Aluminum Cerium Sulfides***Cerium Sulfites****Cerium-Tantalum Alloys****Cerium Tellurides***xx Tellurides***Cerium-Thorium Alloys****Cerium-Titanium Alloys****Cerium-Tungsten Alloys****Cerium-Uranium Alloys****Cerium Uranium Oxides***xx Uranium Oxides***Cerium-Yttrium Alloys****Cerium-Zinc Alloys****Cerium Zinc Nitrates***see Zinc Cerium Nitrates***Cerium-Zirconium Alloys****Cermels***see Cermets***Cermet-Metal Couples****Cermets***(Specific cermets are indexed as Systems, the names of the constituents are arranged in alphabetical order, and one entry is made under the first name, e.g., Beryllium-Beryllium Oxide Systems.)**x Ceramals**Ceramic-Metal Systems**Cermels**Metal-Metal Oxide Systems*

CERN Synchrotron*see Synchrotrons***Carborend***see Bismuth-Cadmium-Lead-Tin Alloys***Cesium***see also Alkali Metals***Cesium (Liquid)****Cesium Acid Fluorides***x Acid Fluorides***Cesium Acid Phosphates***x Acid Phosphates***Cesium Alloys****Cesium-Antimony Alloys***see Antimony-Cesium Alloys***Cesium-Antimony Cathodes***see Antimony-Cesium Cathodes***Cesium Azides***xx Azides***Cesium-Bismuth Alloys***see Bismuth-Cesium Alloys***Cesium-Bismuth Cathodes***see Bismuth-Cesium Cathodes***Cesium Borates***xx Borates***Cesium Borohydrides***xx Borohydrides***Cesium Bromide Crystals***xx Bromide Crystals***Cesium Bromides****Cesium-Cesium Chloride Systems****Cesium-Cesium Fluoride Systems****Cesium-Cesium Halide Systems****Cesium Chloride-Calcium Chloride-Potassium Chloride Systems***see Calcium Chloride-Cesium Chloride-Potassium Chloride Systems***Cesium Chloride-Calcium Chloride Systems***see Calcium Chloride-Cesium Chloride Systems***Cesium Chloride-Cerium Chloride Systems***see Cerium Chloride-Cesium Chloride Systems***Cesium Chloride-Cesium Systems***see Cesium-Cesium Chloride Systems***Cesium Chloride Crystals***xx Chloride Crystals***Cesium Chloride-Lanthanum Chloride Systems****Cesium Chloride-Lead Chloride Systems****Cesium Chloride-Lithium Chloride Systems****Cesium Chloride-Neodymium Chloride Systems****Cesium Chloride-Nickel Chloride Systems****Cesium Chloride-Plutonium Chloride Systems****Cesium Chloride-Potassium Chloride Systems****Cesium Chloride-Sodium Chloride Systems****Cesium Chloride-Titanium Chloride Systems****Cesium Chloride-Water Systems****Cesium Chlorides****Cesium Chloroantimonites***xx Antimonites***Cesium Chlorocobaltates***xx Chlorocobaltates***Cesium Chloroferrites***xx Ferrites***Cesium Chloropolonates***xx Chloropolonates***Cesium Chlororhodates***xx Chlororhodates***Cesium Compounds****Cesium Electrodes***xx Electrodes***Cesium Ferrocyanides***xx Iron Cyanides***Cesium Fluoberyllates***xx Fluoberyllates***Cesium Fluomanganates(II)***xx Fluomanganates***Cesium Fluophosphates***xx Fluophosphates***Cesium Fluoride-Beryllium Fluoride Systems***see Beryllium Fluoride-Cesium Fluoride Systems***Cesium Fluoride-Cesium Systems***see Cesium-Cesium Fluoride Systems***Cesium Fluoride Crystals***xx Fluoride Crystals***Cesium Fluoride-Hydrofluoric Acid-Potassium Fluoride Systems****Cesium Fluoride-Lithium Fluoride-Potassium Fluoride Systems****Cesium Fluoride-Lithium Fluoride Systems****Cesium Fluoride-Sodium Fluoride Systems****Cesium Fluoride-Thorium Fluoride Systems****Cesium Fluoride-Zirconium Fluoride Systems****Cesium Fluorides****Cesium Fluorurthenates***x Cesium Ruthenium Fluorides**xx Fluorurthenates***Cesium-Gold Alloys****Cesium-Graphite Compounds****Cesium Halide-Cesium Systems***see Cesium-Cesium Halide Systems***Cesium Halide Crystals***xx Halide Crystals***Cesium Halides****Cesium Hydrides****Cesium Iodide Crystals***xx Iodide Crystals***Cesium Iodides****Cesium Ions****Cesium Isotopes****Cesium Isotopes Cs123****Cesium Isotopes Cs125****Cesium Isotopes Cs126****Cesium Isotopes Cs127****Cesium Isotopes Cs128****Cesium Isotopes Cs129****Cesium Isotopes Cs130****Cesium Isotopes Cs131****Cesium Isotopes Cs132****Cesium Isotopes Cs133****Cesium Isotopes Cs134****Cesium Isotopes Cs135****Cesium Isotopes Cs136****Cesium Isotopes Cs137****Cesium Isotopes Cs138****Cesium Isotopes Cs139****Cesium Isotopes Cs140****Cesium Isotopes Cs141****Cesium Isotopes Cs142****Cesium Isotopes Cs143****Cesium Isotopes Cs144****Cesium Lead Chlorides***xx Lead Chlorides***Cesium Manganese Fluorides***xx Manganese Fluorides***Cesium-Mercury Alloys****Cesium Molybdenum Fluorides***xx Molybdenum Fluorides***Cesium Nitrate-Aluminum Oxide Systems***see Aluminum Oxide-Cesium Nitrate Systems***Cesium Nitrates****Cesium Oxide-Niobium Oxide Systems****Cesium Oxides****Cesium Plutonium Chlorides***xx Plutonium Chlorides***Cesium Plutonium Sulfates***xx Plutonium Sulfates***Cesium Rhodium Chlorides**

see Cesium Chlororhodates
 Cesium Ruthenium Fluorides
see Cesium Fluororuthenates
 Cesium Sulfate–Aluminum Sulfate–Potassium Sulfate Systems
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Cesium Sulfates

Cesium Sulfides

Cesium Thorium Chlorides

xx Thorium Chlorides

Cesium Tungsten Fluorides

xx Tungsten Fluorides

Cesium Uranates

xx Uranates

Cesium Uranium Chlorides

xx Uranium Chlorides

Cesium Uranium Fluorides

xx Uranium Fluorides

Cesium Uranyl Carbonates

xx Uranyl Carbonates

Cesium Uranyl Chlorides

xx Uranyl Chlorides

Cesium Uranyl Nitrates

xx Uranyl Nitrates

Cesium Uranyl Sulfates

xx Uranyl Sulfates

Cesium Vanadium Sulfates

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Cesium Zinc Ferrocyanides

xx Iron Cyanides

Zinc Ferrocyanides

Cetyl Alcohol

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Chain Reactions

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Multiplication Factor

x Reactions

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Chains

Chalcocites

xx Copper Minerals

Copper Sulfides

Chalk River Reactor

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Chalks

Chang and Eng

see Radiation Detection Instruments (Ion Current Type)

Chapelcross Reactors

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Charcoal

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x Coconut Charcoal

xx Adsorbents

Carbon (Activated)

Charcoal–Nitrogen Systems

Charcoal–Oxygen Systems

Charged Particle Beams

(*See also* beams of specific ions as listed under Ion Beams)

x Beams

xx Ion Beams

Charged Particles

xx Ions

Particles

Châtillon Reactor (France)

see ZOE Reactor

Chelate Separation Processes

see Solvent Extraction Processes

Chelates

(*See also* organic compounds used as chelation agents, *see also* main headings by name of metal chelated, e.g., Uranium Chelates)

see also Acetic Acid, Ethylmercapto- Chelates

see also Acetic Acid, Mercapto- Chelates

see also Acetone, Thenoyltrifluoro- Chelates
 Benzoic Acid, α -(Ethylmercapto)- Chelates
 Cysteine Chelates
 Diketone Chelates
 Methionine Chelates
 1-Propanol, 2,3-Dimercapto- Chelates
 Propionic Acid, β -(Ethylmercapto)- Chelates
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 8-Quinolol, 5-7-Dihalo- Chelates
 Rare Earth Chelates

x Complexes
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Chelation

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(*See also* specific methods of analysis)

xx Analysis

Chemical Contamination

xx Contamination

Chemical Corrosion

see Corrosion

Electrochemical Corrosion

Chemical Effects of Nuclear Transformations

see Radiation Chemistry

Radiation Effects

Szilard-Chalmers Reactions

Chemical Engineering

see also Tracer Techniques (Chemical Engineering)

x Engineering

Chemical Isomerism

x Isomers

Chemical Processing Plants

see Radiochemical Processing Plants

Chemical Prophylaxis

Chemical Radiation Detectors

see also Radiation Detection Instruments (Colorimetric)

x Detectors

xx Crystal Detectors

Radiation Detection Instruments (Colorimetric)

Radiation Detectors

Chemical Reactions

see Reaction Mechanisms

Chemical Resisting Alloys

see Corrosion-Resistant Alloys

Chemical Warfare

xx Warfare

Chemical Warfare Agents

(*See also* specific agents)

see also Radiological Warfare Agents

x Weapons

xx Bromine Compounds

Chlorine Compounds

Fluorine Compounds

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x Indicators

Reagents

Chemiluminescence

see Luminescence

Chemistry

see also Biochemistry

Electrochemistry

Geochemistry

Histochemistry

Nuclear Chemistry

(Continued)

see also Organic Chemistry
Photochemistry
Physical Chemistry
Radiation Chemistry
Radiochemistry

Chemosphere

xx Atmosphere

Chemotherapy

x Therapy

Cherenkov Detectors

x Detectors
 xx Radiation Detectors

Cherenkov Radiation

x Cherenkov Radiation
 xx Radiation

Chi Mesons

see Mesons ($K\pi_2$)

Chickens

see also Eggs
 x Poultry
 xx Fowls

Chicle

see also Balata
 xx Balata

China Clay

see Kaolins

Chinon Reactors

x French Reactors

Chinon Reactors (EDF-1)

x EDF-1
 xx Gas Cooled Reactors
 Graphite Moderated Reactors
 Power Reactors
 Production Reactors

Chinon Reactors (EDF-2)

x EDF-2
 xx Gas Cooled Reactors
 Graphite Moderated Reactors
 Power Reactors
 Production Reactors

Chinon Reactors (EDF-3)

x EDF-3
 xx Power Reactors
 Gas Cooled Reactors
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Chloral

x Acetaldehyde, Trichloro-
 Chloral Hydrate

Chloral Hydrate

see Chloral

Chlorambucil

xx Nitrogen Mustards

Chloramides**Chloramphenicol**

xx Antibiotics
 Chloromycetin

Chloranil

x Quinone, Tetrachloro-

Chloranilic Acid

see Quinone, 2,5-Dichloro-3,6-Dihydroxy-

Chlorate Ions

see also Perchlorate Ions

Chlorates

(See also specific chlorates)

see also Fluochlorates

Fluorine Chlorates
Perchlorates
Plutonyl Chlorates
Uranyl Chlorates

Chlorella**Chloride Addition Compounds**

see also Hafnium Chloride Addition Compounds

see also Zirconium Chloride Addition Compounds

xx Addition Compounds

Chloride Complexes

see also Aluminum Chloride Complexes

Antimony Chloride Complexes
Boron Chloride Complexes
Hafnium Chloride Complexes
Indium Chloride Complexes
Iron Chloride Complexes
Mercury Chloride Complexes
Metal Chloride Complexes
Phosphoryl Chloride Complexes
Pyridinium Chloride Complexes
Ruthenium Chloride Complexes
Silver Chloride Complexes
Tellurium Chloride Complexes
Thorium Chloride Complexes
Uranium(IV) Chloride Complexes
Uranyl Chloride Complexes
Zirconium Chloride Complexes

x Complexes

Chloride Crystals

see also Ammonium Chloride Crystals

Cesium Chloride Crystals
Copper Chloride Crystals
Europium Chloride Crystals
Lithium Chloride Crystals
Manganese Chloride Crystals
Potassium Chloride Crystals
Rubidium Chloride Crystals
Silver Chloride Crystals
Sodium Chloride Crystals

xx Crystals

Chloride Films

see also Potassium Chloride Films

Chloride Ions**Chloride Slurries**

see also Sodium Chloride Slurries

xx Slurries

Chloride Space

xx Body Fluids

Chlorides

(See also chlorides of specific elements)

see also Actinide Chlorides

Alkali Metal Chlorides
Alkyl Chlorides
Ammonium Chlorides
Carbonyl Chloride Fluoride
Chromyl Chlorides
Cyanuric Chloride
Graphite Chlorides
Nitrosyl Chlorides
Oxychlorides
Phenyl Mercuric Chloride
Phosphonitrile Chlorides
Phosphonium Chlorides
Phosphonyl Dichloride, Methyl-
Phosphoryl Chlorides
Phthaloyl Chlorides
Plutonyl Chlorides
Rare Earth Chlorides
Sulfuryl Chloride
Thorium Peroxide Chlorides
Uranyl Chlorides
Zirconyl Chlorides

x Metal Chlorides

Chlorides (Liquid)**Chlorimet-2**

see Iron-Molybdenum-Nickel Alloys

Chlorination**Chlorine**

see also Halogens

Chlorine-Bismuth Systems

see Bismuth-Chlorine Systems

Chlorine Compounds

see also Chemical Warfare Agents

Chlorine Fluoride-Hydrochloric Acid Systems

Chlorine Fluoride-Hydrofluoric Acid Systems

Chlorine Fluoride-Hydrofluoric Acid-Uranium(VI) Fluoride Systems

Chlorine Fluoride-Uranium(VI) Fluoride Systems

Chlorine Fluorides

x Chlorine Trifluorides

xx Halogen Fluorides

Chlorine-Graphite Systems

see Graphite Chlorides

Chlorine Ions

Chlorine Isotopes

Chlorine Isotopes Cl³¹Chlorine Isotopes Cl³²Chlorine Isotopes Cl³³Chlorine Isotopes Cl³⁴Chlorine Isotopes Cl³⁵Chlorine Isotopes Cl³⁶Chlorine Isotopes Cl³⁷Chlorine Isotopes Cl³⁸Chlorine Isotopes Cl³⁹Chlorine Isotopes Cl⁴⁰

Chlorine Oxides

Chlorine Oxyfluorides

xx Oxyfluorides

Chlorine Trifluoride Process

see Fluoride Volatility Processes

Chlorine Trifluorides

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Chlorites

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Sodium Chlorites

Chlormepazine

see Phenothiazines

Chloroaluminates

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xx Aluminates

Chloroaromatic Compounds

xx Hydroaromatic Compounds

Chloroaurates

xx Aurates

Chloroborates

xx Borates

Chlorochromates

xx Chromates

Chlorocobaltates

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xx Cobaltates

Chlorocuprates

see also Ammonium Chlorocuprates

Lithium Chlorocuprates(II)

xx Cuprates

Chloroferrates

xx Ferrates

Chloroform

x Methane, Trichloro-

Chloroform-Acetic Acid-Water Systems

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Chloroform-Acetone Systems

see Acetone-Chloroform Systems

Chloroform-Water Systems

Chlorogallates

see also Ammonium Chlorogallates

Potassium Chlorogallates

xx Gallates

Chlorohalocarbons

see also Halocarbons

xx Chloroorganic Compounds

Halocarbons

Chlorohemins

see Hemins

Chlorohydrocarbons

see also Halocarbons

Halohydrocarbons

x Hydrocarbons, Chloro-

xx Chloroorganic Compounds

Chloroiodides

see also Ammonium Chloroiodides, Tetrabutyl-

Ammonium Chloroiodides, Tetramethyl-

xx Iodides

Chloroiridates

see also Sodium Chloroiridates

xx Iridates

Chloromercurates

see also Potassium Chloromercurates(II)

xx Mercurates

Chloromolybdates

see also Potassium Chloromolybdates(III)

xx Molybdates

Chlormycetin

see Chloramphenicol

Chloroorganic Compounds

(See also specific organic compounds)

see also Chlorohalocarbons

Chlorohydrocarbons

Halocarbons

Halohydrocarbons

xx Chloroorganic Compounds

Chloroosmates

see also Potassium Chloroosmates

xx Osmates

Chloropalladates

see also Potassium Chloropalladates

xx Palladates

Chlorophenol Red

Chlorophosphates

see also Ethyl Chlorophosphates

xx Phosphates

Chlorophylls

xx Photosynthesis

Chloropicrin

x Methane, Trichloronitro-

Chloroplasts

xx Photosynthesis

Chloroplatinates

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xx Platinates

Chloropolonates

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Ammonium Chloropolonates, Tetramethyl-

Cesium Chloropolonates

Potassium Chloropolonates

Rubidium Chloropolonates

xx Polonates

Chloroprene Polymers

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Chlororhenates

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xx Rhenates

Chlororhodates

see also Cesium Chlororhodates

Chlororuthenates

see also Potassium Chlororuthenates

xx Ruthenates

Chlorosulfurous Acids, Alkyl Esters

xx Sulfurous Acid

Chlorouranates

see also Ammonium Chlorouranates

Potassium Chlorouranates

xx Uranates

Chlorozirconates

xx Zirconates

Chlortetracycline

x Aureomycin

Chloryl Fluorides**Cholanthrene****Cholanthrene, 3-Methyl-Cholera****Cholestenols**

x Lathosterol

Cholestenone**Cholesterol***see Cholesterol***Cholesterol**

x Cholestern

xx Sterols

Cholesterol Esters**Cholic Acid**

xx Bile Acids

Choline**Choline, Acetyl-****Choline, Acetyl- Chloride****Choline Chloride****Cholinergic Blocking Drugs***(See also specific drugs, e g Atropine)*

xx Drugs

Cholinergic Drugs

xx Drugs

Cholinesterases

xx Enzymes

Chondrites**Chondroitin Sulfates**

xx Sulfates

Chromate Ions**Chromates***(See also chromates of specific elements)**see also Ammonium Chromates**Chlorochromates**Cyanochromates**Dichromates**Fluochromates**Uranyl Chromates***Chromatographic Separations****Chromatography***see also Electrochromatography*

x Differential Migration Analysis

Paper Chromatography

xx Analysis

Electrochromatography

Chrome Alums

xx Alums

Chromel*see Chromium-Nickel Alloys***Chromic Acid***see also Chromium Oxides*

xx Acids

Chromic Oxide-Beryllium Carbide Compacts*see Beryllium Carbide-Chromic Oxide Compacts***Chromic Oxide Compacts**

xx Oxide Compacts

Chromites*see also Dunites*

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Chromites*see also Lanthanum Chromites**Magnesium Chromites**Nickel Chromites**Uranium Chromites**Yttrium Chromites**Zinc Chromites***Chromium***see also Transition Metals***Chromium (Liquid)****Chromium Alloys****Chromium-Aluminum Alloys***see Aluminum-Chromium Alloys***Chromium-Aluminum-Boron-Iron-Titanium Carbide Systems***see Aluminum-Boron-Chromium-Iron-Titanium Carbide Systems***Chromium-Aluminum-Boron-Molybdenum-Silicon Systems***see Aluminum-Boron-Chromium-Molybdenum-Silicon Systems***Chromium-Aluminum-Cobalt Alloys***see Aluminum-Chromium-Cobalt Alloys***Chromium-Aluminum-Cobalt-Iron Alloys***see Aluminum-Chromium-Cobalt-Iron Alloys***Chromium-Aluminum-Cobalt-Molybdenum Alloys***see Aluminum-Chromium-Cobalt-Molybdenum Alloys***Chromium-Aluminum-Cobalt-Molybdenum-Nickel-Titanium Alloys***see Aluminum-Chromium-Cobalt-Molybdenum-Nickel-Titanium Alloys***Chromium-Aluminum-Cobalt-Nickel-Titanium Alloys***see Aluminum-Chromium-Cobalt-Nickel-Titanium Alloys***Chromium-Aluminum-Cobalt-Nickel-Tungsten Alloys***see Aluminum-Chromium-Cobalt-Nickel-Tungsten Alloys***Chromium-Aluminum-Cobalt-Tantalum Alloys***see Aluminum-Chromium-Cobalt-Tantalum Alloys***Chromium-Aluminum-Cobalt-Tungsten Alloys***see Aluminum-Chromium-Cobalt-Tungsten Alloys***Chromium-Aluminum-Copper-Nickel Alloys***see Aluminum-Chromium-Copper-Nickel Alloys***Chromium-Aluminum-Iron Alloys***see Aluminum-Chromium-Iron Alloys***Chromium-Aluminum-Iron Coatings***see Aluminum-Chromium-Iron Coatings***Chromium-Aluminum-Iron-Manganese-Nickel Alloys***see Aluminum-Chromium-Iron-Manganese-Nickel Alloys***Chromium-Aluminum-Iron-Molybdenum-Nickel-Titanium Alloys***see Aluminum-Chromium-Iron-Molybdenum-Nickel-Titanium Alloys***Chromium-Aluminum-Iron-Molybdenum-Titanium Alloys***see Aluminum-Chromium-Iron-Molybdenum-Titanium Alloys***Chromium-Aluminum-Iron-Nickel Alloys***see Aluminum-Chromium-Iron-Nickel Alloys***Chromium-Aluminum-Iron-Nickel-Niobium-Titanium Alloys***see Aluminum-Chromium-Iron-Nickel-Niobium-Titanium Alloys***Chromium-Aluminum-Iron-Nickel-Titanium Alloys***see Aluminum-Chromium-Iron-Nickel-Titanium Alloys***Chromium-Aluminum-Iron-Niobium Alloys***see Aluminum-Chromium-Iron-Niobium Alloys***Chromium-Aluminum-Iron-Nitrogen Systems***see Aluminum-Chromium-Iron-Nitrogen Systems***Chromium-Aluminum-Iron-Palladium Alloys***see Aluminum-Chromium-Iron-Palladium Alloys***Chromium-Aluminum-Iron-Palladium-Tantalum Alloys***see Aluminum-Chromium-Iron-Palladium-Tantalum Alloys***Chromium-Aluminum-Iron-Palladium-Tungsten Alloys***see Aluminum-Chromium-Iron-Palladium-Tungsten Alloys***Chromium-Aluminum-Iron-Titanium Alloys***see Aluminum-Chromium-Iron-Titanium Alloys***Chromium-Aluminum-Iron-Yttrium Alloys***see Aluminum-Chromium-Iron-Yttrium Alloys***Chromium-Aluminum-Magnesium-Titanium Alloys***see Aluminum-Chromium-Magnesium-Titanium Alloys***Chromium-Aluminum-Manganese Alloys***see Aluminum-Chromium-Manganese Alloys***Chromium-Aluminum-Molybdenum-Nickel-Zirconium Alloys***see Aluminum-Chromium-Molybdenum-Nickel-Zirconium Alloys***Chromium-Aluminum-Molybdenum Steel***see Aluminum-Chromium-Molybdenum Steel***Chromium-Aluminum-Molybdenum-Titanium Alloys***see Aluminum-Chromium-Molybdenum-Titanium Alloys***Chromium-Aluminum-Molybdenum-Tungsten Alloys***see Aluminum-Chromium-Molybdenum-Tungsten Alloys***Chromium-Aluminum-Molybdenum-Zirconium Alloys***see Aluminum-Chromium-Molybdenum-Zirconium Alloys***Chromium-Aluminum-Nickel Alloys**

see Aluminum-Chromium-Nickel Alloys
 Chromium-Aluminum-Nickel-Titanium Alloys
see Aluminum-Chromium-Nickel-Titanium Alloys
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 Chromium-Aluminum-Niobium-Silicon Systems
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see Aluminum-Chromium-Niobium-Titanium Alloys
 Chromium-Aluminum Oxide-Cobalt-Nickel-Tungsten Systems
see Aluminum Oxide-Chromium-Cobalt-Nickel-Tungsten Systems
 Chromium-Aluminum Oxide Compacts
see Aluminum Oxide-Chromium Compacts
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see Aluminum Oxide-Chromium Systems
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see Aluminum Oxide-Chromium-Uranium Oxide Systems
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see Aluminum-Chromium-Silicon Systems
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see Aluminum-Chromium-Silicon-Titanium Systems
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 Chromium-Aluminum-Titanium-Vanadium Alloys
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Chromium Boride-Titanium Boride Systems
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Chromium-Boron-Iron-Nickel-Titanium Carbide Systems
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Chromium Bromides
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see Aluminum-Boron-Chromium Carbide-Iron-Molybdenum-Titanium Carbide Systems
 Chromium Carbide-Aluminum-Boron-Iron-Titanium Carbide Systems
see Aluminum-Boron-Chromium Carbide-Iron-Titanium Carbide Systems
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see Aluminum-Boron-Chromium Carbide-Nickel-Titanium Carbide Systems
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Chromium Carbides
 Chromium-Carbon-Iron-Manganese-Nitrogen Systems
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 Chromium-Carbon-Iron-Nitrogen-Titanium Systems
see Carbon-Chromium-Iron-Nitrogen-Titanium Systems
 Chromium-Carbon-Thorium Systems
see Carbon-Chromium-Thorium Systems
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see Carbon-Chromium-Titanium Systems
 Chromium-Carbon-Uranium Systems
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Chromium Carbonyls
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Chromium Chlorides
Chromium-Chromium-Titanium Alloy Couples
Chromium Coatings
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 xx Coatings
Chromium-Cobalt Alloys
Chromium-Cobalt-Iron Alloys
Chromium-Cobalt-Iron-Manganese-Molybdenum-Nickel Alloys
Chromium-Cobalt-Iron-Molybdenum-Nickel Alloys
Chromium-Cobalt-Iron-Molybdenum-Nickel-Niobium-Tungsten Alloys
Chromium-Cobalt-Iron-Nickel Alloys
Chromium-Cobalt-Iron-Tungsten Alloys
Chromium-Cobalt-Iron-Vanadium Alloys
Chromium-Cobalt-Molybdenum Alloys
Chromium-Cobalt-Molybdenum-Nickel Alloys
 x Haynes Stellite No. 21

Chromium-Cobalt-Molybdenum-Nickel-Niobium-Tungsten Alloys**Chromium-Cobalt-Molybdenum-Nickel-Titanium Alloys**

x Incoloy-901

Chromium-Cobalt-Nickel Alloys

x Nimonic 90

Waspaloy

Chromium-Cobalt-Nickel-Titanium Alloys**Chromium-Cobalt-Nickel-Titanium Carbide-Tungsten Systems****Chromium-Cobalt-Nickel-Tungsten Alloys**

x Haynes 25 Alloy

Haynes Stellite No. 31

Chromium-Cobalt-Niobium Alloys**Chromium-Cobalt-Niobium Carbide-Tantalum Carbide-Tungsten Carbide Systems**

x Tantung G

Chromium-Cobalt-Nitrogen Systems**Chromium-Cobalt-Silicon Systems****Chromium-Cobalt-Tantalum Alloys****Chromium-Cobalt-Tantalum Carbide-Tungsten Carbide Systems**

x Tantung

Chromium-Cobalt-Titanium Alloys**Chromium-Cobalt-Titanium Nitride Systems****Chromium-Cobalt-Tungsten Alloys****Chromium-Cobalt-Tungsten-Vanadium Alloys****Chromium-Cobalt-Uranium Alloys****Chromium-Cobalt-Zirconium Alloys****Chromium Compacts****Chromium Complexes****Chromium Compounds****Chromium-Copper Alloys****Chromium-Copper Coatings****Chromium-Copper-Iron-Molybdenum-Nickel Alloys**

x Illium 98

Illium R

Ni-O-nel

Chromium-Copper-Iron-Nickel Alloys**Chromium-Copper-Molybdenum-Nickel Alloys****Chromium-Copper-Titanium Alloys****Chromium-Copper-Zirconium Alloys****Chromium Couples****Chromium Crystals****Chromium-Erbium Alloys****Chromium-Europium Oxide-Iron-Nickel Systems****Chromium Films****Chromium Fluomanganates(III)**

xx Fluomanganates

Chromium Fluorides**Chromium-Gadolinium-Iron Alloys****Chromium-Gadolinium-Iron-Nickel Alloys****Chromium-Gallium Alloys****Chromium-Germanium-Indium-Nickel Alloys****Chromium-Germanium-Lithium-Nickel Alloys****Chromium-Germanium-Nickel Alloys****Chromium-Gold Alloys****Chromium-Gold-Nickel Alloys****Chromium-Hafnium Alloys****Chromium Hydrides****Chromium Hydroxides****Chromium-Indium-Nickel-Silicon Systems****Chromium Iodides****Chromium Ions****Chromium-Iron Alloys****Chromium-Iron Crystals****Chromium-Iron-Manganese Alloys****Chromium-Iron-Manganese-Molybdenum-Nickel-Silicon Systems**

x Worthite

Chromium-Iron-Manganese-Molybdenum-Nickel-**Titanium Alloys****Chromium-Iron-Manganese-Molybdenum-Nickel-Tungsten Alloys****Chromium-Iron-Manganese-Molybdenum-Titanium Alloys****Chromium-Iron-Manganese-Molybdenum-Titanium-Vanadium Alloys****Chromium-Iron-Manganese-Nickel Alloys****Chromium-Iron-Manganese-Nickel-Silicon Systems****Chromium-Iron-Manganese-Silicon Systems****Chromium-Iron-Molybdenum Alloys****Chromium-Iron-Molybdenum-Nickel Alloys**

x Hastelloy B

Hastelloy C

Hastelloy X

INOR-8 Alloy

Chromium-Iron-Molybdenum-Nickel-Titanium Alloys

x Discaloy

Chromium-Iron-Molybdenum-Nickel-Uranium Nitride Systems (Clad)**Chromium-Iron-Molybdenum-Silicon Systems****Chromium-Iron-Molybdenum-Titanium Alloys****Chromium-Iron-Molybdenum-Tungsten Alloys****Chromium-Iron-Molybdenum-Vanadium Alloys****Chromium-Iron-Molybdenum-Yttrium Alloys****Chromium-Iron-Nickel Alloys**

x Inconel

Inconel X

xx Stainless Steel

Chromium-Iron-Nickel Coatings**Chromium-Iron-Nickel-Niobium Alloys****Chromium-Iron-Nickel-Titanium Alloys****Chromium-Iron-Nickel-Titanium Carbide Systems****Chromium-Iron-Nickel-Tungsten Alloys****Chromium-Iron-Nickel-Uranium Alloys****Chromium-Iron-Nickel-Uranium Carbide Systems****Chromium-Iron-Nickel-Uranium Vanadium Alloys****Chromium-Iron-Nitrogen-Titanium Systems****Chromium-Iron-Oxygen Systems****Chromium-Iron-Rhenium Alloys****Chromium-Iron-Silicon Systems****Chromium-Iron-Titanium Alloys****Chromium-Iron-Tungsten Alloys****Chromium-Iron-Uranium Alloys****Chromium-Iron-Uranium Oxide Systems****Chromium-Iron-Yttrium Alloys****Chromium Isotopes****Chromium Isotopes Cr⁴⁸****Chromium Isotopes Cr⁴⁹****Chromium Isotopes Cr⁵⁰****Chromium Isotopes Cr⁵¹****Chromium Isotopes Cr⁵²****Chromium Isotopes Cr⁵³****Chromium Isotopes Cr⁵⁴****Chromium Isotopes Cr⁵⁵****Chromium Isotopes Cr⁵⁶****Chromium-Lanthanum Alloys****Chromium-Manganese Alloys****Chromium Manganese Ferrates**

see Manganese Chromium Ferrates

Chromium-Manganese-Molybdenum-Titanium Alloys**Chromium-Manganese-Silicon Steel**

xx Steel

Chromium-Manganese-Silicon Systems**Chromium-Manganese Steel**

xx Steel

Chromium-Manganese-Titanium Alloys**Chromium-Manganese-Uranium Alloys****Chromium Minerals**

see also Chromites

Chromium-Molybdenum Alloys**Chromium-Molybdenum-Nickel Alloys**

Chromium–Molybdenum–Nickel Steel

xx Steel

Chromium–Molybdenum–Nickel–Tungsten Alloys**Chromium–Molybdenum–Niobium Alloys****Chromium–Molybdenum–Niobium–Titanium Alloys****Chromium–Molybdenum–Rhenium Alloys****Chromium–Molybdenum–Silicon Systems****Chromium–Molybdenum Steel**

xx Steel

Chromium–Molybdenum–Titanium Alloys**Chromium–Molybdenum–Titanium Boride Systems****Chromium–Molybdenum–Tungsten Alloys****Chromium–Molybdenum–Uranium Alloys****Chromium–Molybdenum–Vanadium Alloys****Chromium–Molybdenum–Vanadium Steel****Chromium–Molybdenum–Yttrium Alloys****Chromium–Nickel Alloy–Aluminum–Nickel Alloy Couples***see Aluminum–Nickel Alloy–Chromium–Nickel Alloy Couples***Chromium–Nickel Alloys**

x Chromel

Nichrome V

Trophet A

Chromium–Nickel Coatings**Chromium–Nickel–Niobium Alloys****Chromium–Nickel–Nitrogen Systems****Chromium–Nickel–Palladium Alloys****Chromium–Nickel–Palladium–Silicon Systems****Chromium–Nickel–Silicon Coatings****Chromium–Nickel–Silicon Systems****Chromium–Nickel Steel**

xx Steel

Chromium–Nickel–Tantalum Alloys**Chromium–Nickel–Titanium Alloys****Chromium–Nickel–Titanium Carbide Systems****Chromium–Nickel–Titanium Oxide Systems****Chromium–Nickel–Tungsten Alloys****Chromium–Nickel–Uranium Alloys****Chromium–Nickel–Uranium Nitride Systems****Chromium–Nickel–Uranium Oxide Systems****Chromium–Nickel–Uranium Silicide Systems****Chromium–Nickel–Vanadium Alloys****Chromium–Nickel–Zirconium Alloys****Chromium–Niobium Alloys****Chromium–Niobium–Silicon Systems****Chromium–Niobium–Tantalum Alloys****Chromium–Niobium–Titanium Alloys****Chromium–Niobium–Vanadium Alloys****Chromium–Niobium–Vanadium–Zirconium Alloys****Chromium–Niobium–Zirconium Alloys****Chromium Nitrates****Chromium Nitride–Nickel–Silver Systems****Chromium Nitrides****Chromium–Nitrogen–Titanium Systems****Chromium Oxide–Aluminum Oxide Systems***see Aluminum Oxide–Chromium Oxide Systems***Chromium Oxide–Beryllium Systems***see Beryllium–Chromium Oxide Systems***Chromium Oxide–Hydrochloric Acid Systems****Chromium Oxide–Iron Oxide–Silicon Oxide Systems****Chromium Oxide–Niobium Oxide Systems****Chromium Oxide–Thorium(IV) Oxide–Water Systems****Chromium Oxide–Tin Oxide Systems****Chromium Oxide–Uranium Oxide Systems****Chromium Oxide–Zirconium Oxide Systems****Chromium Oxides***see also Chromium–Oxygen Systems***Chromium Oxyfluorides***see Chromyl Fluorides***Chromium–Oxygen Systems**

xx Chromium Oxides

Chromium–Oxygen–Titanium Systems**Chromium Phosphates****Chromium–Platinum Alloys****Chromium–Plutonium Alloys****Chromium Powders****Chromium–Rhenium Alloys****Chromium–Ruthenium Alloys****Chromium–Selenium Systems****Chromium Silicide–Molybdenum Silicide Systems****Chromium Silicides**

xx Silicides

Chromium–Silicon Coatings**Chromium–Silicon Steel**

xx Steel

Chromium–Silicon Systems**Chromium–Silicon–Titanium Systems****Chromium–Silicon–Uranium Systems****Chromium–Silver–Uranium Alloys****Chromium Steel**

x Croloy

xx Steel

Chromium Sulfates**Chromium Systems****Chromium–Tantalum Alloys****Chromium–Tellurium Systems****Chromium–Thorium Alloys****Chromium–Thorium–Uranium Alloys****Chromium–Tin Alloys****Chromium–Tin–Zirconium Alloys****Chromium–Titanium Alloys****Chromium–Titanium Boride Systems****Chromium–Titanium Couples****Chromium–Titanium–Tungsten Alloys****Chromium–Titanium–Uranium Oxide Systems****Chromium–Titanium–Uranium Oxide Systems (Clad)****Chromium–Titanium–Vanadium Alloys****Chromium–Tungsten Alloys****Chromium–Tungsten–Vanadium Alloys****Chromium–Uranium Alloy–Iron Couples****Chromium–Uranium Alloys****Chromium–Uranium Alloys (Clad)****Chromium–Uranium Compacts****Chromium–Uranium Crystals****Chromium–Uranium Nitride Systems****Chromium–Uranium Oxide Systems****Chromium–Uranium Oxide Systems (Clad)****Chromium–Uranium–Vanadium Alloys****Chromium–Vanadium Alloys****Chromium–Vanadium Steel**

xx Steel

Chromium–Yttrium Alloys**Chromium Yttrium Oxides**

xx Yttrium Oxides

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xx Mitosis

Nuclei (Cells)

Chromyl Chlorides

xx Chlorides

Chromyl Fluorides

x Chromium Oxyfluorides

xx Fluorides

Chronographs

xx Time Measurement

Chrysene**Chrysene Crystals**

xx Crystals

Chrysoberyls

xx Beryls

Chrysocolla

xx Copper Minerals

Chrysotiles*see Asbestos***Chugach Power Reactor**

x SDR Reactor (Alaska)

xx Heavy Water Reactors

Liquid Metal Cooled Reactors

Power Reactors

Chymotrypsin**Chymotrypsinogen**

xx Enzymes

 α -Cinenic Acid

xx Organic Acids

Cinerins**Cinnamaldehyde****Cinnamic Acid****Cinnamic Acid, Methyl Ester****Cinnamyl Alcohol****Circuit Noise**

xx Noise

Circuits*see also Coincidence Circuits*

Coupling Circuits

Differentiating Circuits

Electronic Filters

Feedback Systems

Quenching Circuits

Radio Tuning Circuits

Timing Circuits

x Analogs

xx Electronics

Circulating Fuel Reactors*see Aircraft Reactors*

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Homogeneous Reactors

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Homogeneous Reactors

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Blood Circulation

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xx Blood Circulation

Diseases

Cities*(See also specific cities, e.g., Chicago)***Citrate Complexes***see also Beryllium Citrate Complexes*

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x Complexes

Citrates*see also Ammonium Citrates*

Barium Citrates

Beryllium Citrates

Gallium Citrates

Radium Citrates

Sodium Citrates

Strontium Citrates

Uranyl Citrates

Zinc Citrates

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Citric Acid**Citrovorum Factor***see Folic Acid***Citrulline****Civil Engineering**

x Engineering

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Radiological Warfare

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Radiological Warfare

Warfare

Cladding*see Coatings***Claisen Condensation**

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Clathrate Compounds*see Addition Compounds***Clay-Aluminum Titanate Systems***see Aluminum Titanate-Clay Systems***Clays***see also Attapulgites*

Ball Clay

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Decontamination of Equipment

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xx Pickling

Polishing

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Clementine*see Los Alamos Fast Reactor***Clinton Enriched Reactor***see Materials Testing Reactor Mockup***Clinton Graphite Reactor***see ORNL Graphite Reactor***Clinton Heterogeneous Reactor***see Materials Testing Reactor Mockup***Clinton H₁ Flux Reactor***see Materials Testing Reactor Mockup***Clinton Homogeneous Reactor***see Homogeneous Reactor Experiment***Clitrite***see Uranyl Fluorides***Cloth***see Textiles***Clothing***see also Protective Clothing*

Textiles

xx Cotton

Protective Clothing

Textiles

Cloud Chambers*see also Cloud-Ion Chambers*

x Diffusion Chambers

xx Radiation Detectors

Cloud-Ion Chambers

x Ion Chambers

xx Cloud Chambers

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Cloudy Crystal Ball Model*see Nuclear Models (Optical)***Cloverleaf Cyclotron***see Cyclotrons***Clupeine***see also Protamines***xx** Protamines**Clutches***see also Magnetic Clutches***Coagulation***see Blood Coagulation***Coal***see also Lignites***Coanesin***see Antiheparin Drugs***Coating Removal***see Decontamination***Coatings***(See also specific coatings, see also coatings named by method of application, e.g., Dip Coatings)**see also Carbide Coatings**Ceramic Coatings**Diffusion Coatings**Metal Coatings**Oxide Coatings**Paints**Phosphate Coatings**Plastic Coatings**Refractory Coatings**Silicide Coatings**Silicone Coatings**Slug Coatings**Slug Jackets**Sulfide Coatings***x** Cladding**xx** Plating**Coaxial Cables****xx** Cables**Cobalt***see also Transition Metals***Cobalt Alloy—Stainless Steel Couples****Cobalt Alloys****x** Stellite**Cobalt—Aluminum Alloys***see Aluminum—Cobalt Alloys***Cobalt—Aluminum—Chromium Alloys***see Aluminum—Chromium—Cobalt Alloys***Cobalt—Aluminum—Chromium—Iron Alloys***see Aluminum—Chromium—Cobalt—Iron Alloys***Cobalt—Aluminum—Chromium—Molybdenum Alloys***see Aluminum—Chromium—Cobalt—Molybdenum Alloys***Cobalt—Aluminum—Chromium—Molybdenum—Nickel—Titanium Alloys***see Aluminum—Chromium—Cobalt—Molybdenum—Nickel—Titanium Alloys***Cobalt—Aluminum—Chromium—Nickel—Titanium Alloys***see Aluminum—Chromium—Cobalt—Nickel—Titanium Alloys***Cobalt—Aluminum—Chromium—Nickel—Tungsten Alloys***see Aluminum—Chromium—Cobalt—Nickel—Tungsten Alloys***Cobalt—Aluminum—Chromium—Tantalum Alloys***see Aluminum—Chromium—Cobalt—Tantalum Alloys***Cobalt—Aluminum—Chromium—Tungsten Alloys***see Aluminum—Chromium—Cobalt—Tungsten Alloys***Cobalt—Aluminum—Copper Alloys***see Aluminum—Cobalt—Copper Alloys***Cobalt—Aluminum—Copper—Iron—Nickel Alloys***see Aluminum—Cobalt—Copper—Iron—Nickel Alloys***Cobalt—Aluminum—Copper—Iron—Nickel—Niobium Alloys***see Aluminum—Cobalt—Copper—Iron—Nickel—Niobium Alloys***Cobalt—Aluminum—Iron—Nickel Alloys***see Aluminum—Cobalt—Iron—Nickel Alloys***Cobalt—Aluminum—Iron—Nickel—Titanium Alloys***see Aluminum—Cobalt—Iron—Nickel—Titanium Alloys***Cobalt—Aluminum—Manganese Alloys***see Aluminum—Cobalt—Manganese Alloys***Cobalt—Aluminum—Molybdenum Alloys***see Aluminum—Cobalt—Molybdenum Alloys***Cobalt—Aluminum—Molybdenum—Tantalum Alloys***see Aluminum—Cobalt—Molybdenum—Tantalum Alloys***Cobalt—Aluminum—Niobium Alloys***see Aluminum—Cobalt—Niobium Alloys***Cobalt—Aluminum Oxide—Chromium—Nickel—Tungsten Systems***see Aluminum Oxide—Chromium—Cobalt—Nickel—Tungsten Systems***Cobalt—Aluminum Oxide Systems***see Aluminum Oxide—Cobalt Systems***Cobalt—Aluminum—Silicon Systems***see Aluminum—Cobalt—Silicon Systems***Cobalt—Aluminum—Tantalum Alloys***see Aluminum—Cobalt—Tantalum Alloys***Cobalt—Aluminum—Titanium Alloys***see Aluminum—Cobalt—Titanium Alloys***Cobalt—Aluminum—Tungsten Alloys***see Aluminum—Cobalt—Tungsten Alloys***Cobalt Ammonium Sulfates***see Ammonium Cobalt Sulfates***Cobalt Antimonates****xx** Antimonates**Cobalt—Beryllium Alloys***see Beryllium—Cobalt Alloys***Cobalt—Beryllium—Chromium Alloys***see Beryllium—Chromium—Cobalt Alloys***Cobalt—Beryllium—Chromium—Silicon Systems***see Beryllium—Chromium—Cobalt—Silicon Systems***Cobalt—Beryllium—Chromium—Tantalum Alloys***see Beryllium—Chromium—Cobalt—Tantalum Alloys***Cobalt—Beryllium—Copper Alloys***see Beryllium—Cobalt—Copper Alloys***Cobalt—Beryllium—Copper—Zinc Alloys***see Beryllium—Cobalt—Copper—Zinc Alloys***Cobalt—Beryllium—Iron—Nickel Alloys***see Beryllium—Cobalt—Iron—Nickel Alloys***Cobalt—Beryllium—Manganese Alloys***see Beryllium—Cobalt—Manganese Alloys***Cobalt—Beryllium—Molybdenum Alloys***see Beryllium—Cobalt—Molybdenum Alloys***Cobalt—Beryllium—Nickel Alloys***see Beryllium—Cobalt—Nickel Alloys***Cobalt—Beryllium—Niobium Alloys***see Beryllium—Cobalt—Niobium Alloys***Cobalt—Beryllium—Silicon Systems***see Beryllium—Cobalt—Silicon Systems***Cobalt—Beryllium—Tantalum Alloys***see Beryllium—Cobalt—Tantalum Alloys***Cobalt—Beryllium—Titanium Alloys***see Beryllium—Cobalt—Titanium Alloys***Cobalt—Bismuth Alloys***see Bismuth—Cobalt Alloys***Cobalt Borides****Cobalt—Boron—Chromium—Nickel—Tungsten Systems***see Boron—Chromium—Cobalt—Nickel—Tungsten Systems***Cobalt—Boron—Manganese—Nickel Systems***see Boron—Cobalt—Manganese—Nickel Systems***Cobalt—Boron—Nickel Systems***see Boron—Cobalt—Nickel Systems***Cobalt—Boron Systems***see Boron—Cobalt Systems***Cobalt Bromides****Cobalt—Carbon—Germanium Systems***see Carbon—Cobalt—Germanium Systems***Cobalt—Carbon—Indium Systems***see Carbon—Cobalt—Indium Systems***Cobalt—Carbon—Iron Systems***see Carbon—Cobalt—Iron Systems***Cobalt—Carbon—Manganese Systems***see Carbon—Cobalt—Manganese Systems*

Cobalt-Carbon Systems

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Cobalt-Carbon-Uranium Systems

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Cobalt Chloride-Cadmium Chloride Systems

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Cobalt Chloride-2-Propanol, 2-Methyl--Water Systems

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Cobalt Chlorides

Cobalt(II) Chlorides

Cobalt-Chromium Alloys

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Cobalt-Chromium-Iron-Molybdenum-Nickel Alloys

see Chromium-Cobalt-Iron-Molybdenum-Nickel Alloys

Cobalt-Chromium-Iron-Molybdenum-Nickel-Niobium-Tungsten Alloys

see Chromium-Cobalt-Iron-Molybdenum-Nickel-Niobium-Tungsten Alloys

Cobalt-Chromium-Iron-Nickel Alloys

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Cobalt-Chromium-Iron-Tungsten Alloys

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Cobalt-Chromium-Iron-Vanadium Alloys

see Chromium-Cobalt-Iron-Vanadium Alloys

Cobalt-Chromium-Molybdenum Alloys

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Cobalt-Chromium-Molybdenum-Nickel Alloys

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Cobalt-Chromium-Molybdenum-Nickel-Niobium-Tungsten Alloys

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Cobalt-Chromium-Nickel Alloys

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Cobalt-Chromium-Nickel-Titanium Alloys

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Cobalt-Chromium-Nickel-Titanium Carbide-Tungsten Systems

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Cobalt-Chromium-Nickel-Tungsten Alloys

see Chromium-Cobalt-Nickel-Tungsten Alloys

Cobalt-Chromium-Niobium Alloys

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Cobalt-Chromium-Niobium Carbide-Tantalum Carbide-Tungsten Carbide Systems

see Chromium-Cobalt-Niobium Carbide-Tantalum Carbide-Tungsten Carbide Systems

Cobalt-Chromium-Nitrogen Systems

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Cobalt-Chromium-Silicon Systems

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Cobalt-Chromium-Tantalum Carbide-Tungsten Carbide Systems

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Cobalt-Chromium-Titanium Alloys

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Cobalt-Chromium-Titanium Nitride Systems

see Chromium-Cobalt-Titanium Nitride Systems

Cobalt-Chromium-Tungsten Alloys

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Cobalt-Chromium-Tungsten-Vanadium Alloys

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Cobalt-Chromium-Uranium Alloys

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Cobalt-Chromium-Zirconium Alloys

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Cobalt Complexes

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Cobalt(III) Complexes

Cobalt Compounds

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Cobalt-Copper-Nickel Alloys

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Cobalt Crystals

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Cobalt Ferrates

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Cobalt Films

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Cobalt(III) Fluoride Complexes

xx Fluoride Complexes

Cobalt Fluoride Crystals

xx Fluoride Crystals

Cobalt Fluorides

Cobalt(II) Fluorides

Cobalt(III) Fluorides

Cobalt(II) Fluosilicates

xx Fluosilicates

Cobalt-Gadolinium Alloys

Cobalt-Gallium Alloys

Cobalt-Germanium-Manganese Alloys

Cobalt Glass

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Cobalt-Gold Alloys

Cobalt-Hafnium Alloys

Cobalt-Hafnium-Nickel Alloys

Cobalt-Holmium Alloys

Cobalt Hydroxides

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Cobalt-Iron Alloys

Cobalt-Iron-Molybdenum Alloys

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Cobalt-Iron-Nickel Alloys

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Cobalt-Iron-Nickel-Plutonium Alloys

Cobalt-Iron-Nickel-Titanium Alloys

Cobalt-Iron-Nickel-Tungsten Alloys

Cobalt-Iron-Palladium Alloys

Cobalt-Iron-Silicon Systems

Cobalt-Iron-Sulfur Systems

Cobalt-Iron-Vanadium Alloys

- Cobalt Isotopes
- Cobalt Isotopes Co⁵⁴
- Cobalt Isotopes Co⁵⁵
- Cobalt Isotopes Co⁵⁶
- Cobalt Isotopes Co⁵⁷
- Cobalt Isotopes Co⁵⁸
- Cobalt Isotopes Co⁵⁹
- Cobalt Isotopes Co⁶⁰
- Cobalt Isotopes Co⁶¹
- Cobalt Isotopes Co⁶²
- Cobalt Isotopes Co⁶³
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- Cobalt-Lanthanum Alloys
- Cobalt Lanthanum Oxides
 - xx Lanthanum Oxides
- Cobalt Lithium Oxides
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- Cobalt-Magnesium-Nitrogen Systems
- Cobalt-Magnesium Oxide Systems
- Cobalt-Manganese Alloys
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- Cobalt Manganese Oxides
 - xx Manganese Oxides
- Cobalt-Manganese-Silicon Systems
- Cobalt-Manganese-Tin Alloys
- Cobalt Molybdates
 - xx Molybdates
- Cobalt-Molybdenum Alloys
- Cobalt-Molybdenum-Nickel Alloys
- Cobalt-Molybdenum-Nickel-Tungsten Alloys
- Cobalt-Molybdenum-Niobium Alloys
- Cobalt-Molybdenum-Silicon Systems
- Cobalt-Molybdenum-Silicon-Titanium Systems
- Cobalt-Molybdenum-Tantalum Alloys
- Cobalt-Molybdenum-Titanium Alloys
- Cobalt-Molybdenum-Tungsten Alloys
- Cobalt-Neodymium Alloys
- Cobalt-Nickel Alloys
- Cobalt-Nickel-Titanium Alloys
- Cobalt-Nickel-Titanium Nitride Systems
- Cobalt-Nickel-Tungsten Alloys
- Cobalt-Nickel-Uranium Alloys
- Cobalt-Nickel-Zirconium Alloys
- Cobalt Niobates
 - xx Niobates
- Cobalt-Niobium Alloys
- Cobalt-Niobium Carbide Systems
- Cobalt-Niobium Carbide-Tantalum Carbide-Titanium Carbide Systems
- Cobalt-Niobium-Silicon Systems
- Cobalt-Niobium-Tantalum Alloys
- Cobalt-Niobium-Tin-Titanium Alloys
- Cobalt-Niobium-Titanium Alloys
- Cobalt-Niobium-Zinc Alloys
- Cobalt(II) Nitrate Acetonates
 - x Acetonates
 - xx Nitrates
- Cobalt(II) Nitrate Alcoholates
 - xx Alcoholates
 - Nitrates
- Cobalt Nitrates
- Cobalt(II) Nitrates
- Cobalt-Nitrogen-Zinc Systems
- Cobalt Ores
 - xx Ores
- Cobalt Oxide-Magnesium Oxide Systems
- Cobalt Oxide-Niobium Oxide Systems
- Cobalt Oxide-Silver Systems
- Cobalt Oxides
 - see also Lithium Cobalt Oxides
- Cobalt-Oxygen-Titanium Systems
- Cobalt-Oxygen-Zirconium Systems
- Cobalt-Palladium Alloys
- Cobalt Perchlorates
 - xx Perchlorates
- Cobalt-Phosphorus Systems
- Cobalt-Platinum Alloys
- Cobalt-Plutonium Alloys
- Cobalt-Plutonium-Uranium Alloys
- Cobalt-Praseodymium Alloys
- Cobalt Production Reactor
 - x CPR
 - xx Production Reactors
- Cobalt-Rare Earth Alloys
- Cobalt-Rhenium Alloys
- Cobalt-Samarium Alloys
- Cobalt Silicates
- Cobalt Silicides
- Cobalt-Silicon Systems
- Cobalt-Silicon-Tantalum Systems
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- Cobalt-Silicon-Tungsten Systems
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- Cobalt-Silver Alloys
- Cobalt Steel
 - xx Steel
- Cobalt Sulfate Crystals
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 - xx Sulfate Crystals
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- Cobalt Sulfide-Iron Sulfide-Nickel Sulfide Systems
- Cobalt Sulfide-Iron Sulfide Systems
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- Cobalt Tantalates
 - xx Tantalates
- Cobalt-Tantalum Alloys
- Cobalt-Tantalum Boride Systems
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- Cobalt Thiocyanate Complexes
 - xx Thiocyanate Complexes
- Cobalt-Thorium Alloys
- Cobalt-Thulium Alloys
- Cobalt-Tin Alloys
- Cobalt-Titanium Alloys
- Cobalt-Titanium Carbide Systems
- Cobalt Tungstates
 - xx Tungstates
- Cobalt-Tungsten Alloys
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- Cobalt Uranates
 - xx Uranates
- Cobalt-Uranium Alloys
- Cobalt-Vanadium Alloys
- Cobalt-Vanadium Carbide Systems
- Cobalt-Yttrium Alloys
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- Cobaltates
 - see also Chlorocobaltates
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- Cockcroft-Walton Accelerators
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x Berl Saddles

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 Iodate Complexes
 Iodide Complexes
 Metal Complexes
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xx Fluid Flow
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x Analogs
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x Aggregates

xx Concretes
 Lightweight Aggregates

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- Convection**
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 - x **Flow**
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 - xx **Fluid Flow**
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 - x **Free Convection**
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 - xx **Electrons**
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- Converter Reactors**
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- Copper**
 - see also* **Transition Metals**
 - Copper (Clad)**
 - Copper (Liquid)**
 - Copper (Zr Clad)**
 - xx **Zirconium Cladding**
 - Copper Acetylides**
 - xx **Acetylides**
 - Copper Alloys**
 - xx **Brass**
 - Copper-Aluminum Alloys**
 - see* **Aluminum-Copper Alloys**
 - Copper-Aluminum-Beryllium Alloys**
 - see* **Aluminum-Beryllium-Copper Alloys**
 - Copper-Aluminum-Cadmium Alloys**
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 - Copper-Aluminum-Chromium-Nickel Alloys**
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 - Copper-Aluminum-Cobalt Alloys**
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 - Copper-Aluminum-Lithium Alloys**
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 - Copper-Aluminum-Magnesium Alloys**
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 - Copper-Aluminum-Manganese Alloys**
 - see* **Aluminum-Copper-Manganese Alloys**
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 - see* **Aluminum-Copper-Manganese-Nickel Alloys**
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 - see* **Aluminum-Copper-Nickel Alloys**
 - Copper-Aluminum Oxide Systems**
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 - Copper-Aluminum-Silicon Systems**
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xx Cyclopentadienyl Compounds

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xx Electrodes

Copper-Erbium Alloys**Copper Films**

xx Films

Copper Fluoroaluminates

xx Fluoroaluminates

Copper Fluochlorates

xx Fluochlorates

Copper Fluorides**Copper Foils**

xx Foils

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xx Gallium Selenides

Copper Gallium Sulfides

xx Gallium Sulfides

Copper Gallium Tellurides

xx Gallium Tellurides

Copper-Germanium Alloys**Copper-Germanium Crystals****Copper-Germanium-Nickel Alloys****Copper-Gold Alloys****Copper-Gold Compacts****Copper-Gold Couples****Copper-Gold-Silver Alloys****Copper-Graphite Systems****Copper Halide Films**

xx Halide Films

- Copper Halides
 Copper Hydrides
 Copper–Indium Alloys
 Copper–Indium–Magnesium Alloys
 Copper–Indium–Silver Alloys
 Copper Iodides
 Copper Ions
 Copper–Iron Alloys
 Copper–Iron Couples
 Copper–Iron–Magnesium–Silicon Systems
 Copper–Iron–Manganese–Nickel Alloys
 Copper–Iron–Molybdenum Alloys
 Copper–Iron–Nickel Alloys
 Copper–Iron–Phosphorus Systems
 Copper Isotopes
 Copper Isotopes Cu⁵⁸
 Copper Isotopes Cu⁵⁹
 Copper Isotopes Cu⁶⁰
 Copper Isotopes Cu⁶¹
 Copper Isotopes Cu⁶²
 Copper Isotopes Cu⁶³
 Copper Isotopes Cu⁶⁴
 Copper Isotopes Cu⁶⁵
 Copper Isotopes Cu⁶⁶
 Copper Isotopes Cu⁶⁷
 Copper Isotopes Cu⁶⁸
 Copper–Lanthanum Alloys
 Copper–Lead Alloys
 Copper–Lead–Nickel Alloys
 Copper–Lead–Tin–Zinc Alloys
 Copper–Lithium Alloys
 Copper Lithium Chlorides
 see Lithium Chlorocuprates(II)
 Copper Lithium Oxides
 xx Lithium Oxides
 Copper–Lithium–Silver Alloys
 Copper–Lutetium Alloys
 Copper–Magnesium Alloy–Aluminum Couples
 see Aluminum–Copper–Magnesium Alloy Couples
 Copper–Magnesium Alloys
 Copper–Magnesium Coatings
 Copper–Magnesium–Zinc Alloys
 Copper–Manganese Alloys
 Copper–Manganese–Nickel Alloys
 Copper–Manganese–Silicon Systems
 Copper–Manganese–Titanium Alloys
 Copper–Manganese–Zinc Alloys
 Copper–Mercury Alloys
 Copper–Mercury Couples
 Copper Minerals
 see also Antlerites
 Chalcocites
 Chrysocolla
 Covellites
 Copper Molds
 xx Molds
 Copper–Molybdenum Alloys
 Copper–Molybdenum–Silicon Systems
 Copper–Molybdenum–Zirconium Alloys
 Copper–Neodymium Alloys
 Copper–Nickel Alloy–Copper Couples
 see Copper–Copper–Nickel Alloy Couples
 Copper–Nickel Alloy Couples
 Copper–Nickel Alloy–Iron Couples
 Copper–Nickel Alloy–Stainless Steel Couples
 Copper–Nickel Alloy–Steel Couples
 Copper–Nickel Alloys
 Copper–Nickel Compacts
 Copper–Nickel Couples
 Copper–Nickel–Silicon Systems
 Copper–Nickel–Tantalum Alloys
 Copper–Nickel–Tin Alloys
 Copper–Nickel–Titanium Alloys
 Copper–Nickel–Tungsten Alloys
 Copper–Nickel–Zinc Alloys
 Copper–Niobium Alloys
 Copper–Niobium–Zirconium Alloys
 Copper Nitrate–Nitric Acid–Uranyl Nitrate–
 Water–*d*, Systems
 Copper Nitrates
 Copper Oxalates
 xx Oxalates
 Copper Oxide Crystals
 xx Oxide Crystals
 Copper Oxide Films
 xx Oxide Films
 Copper Oxide–Nickel Oxide–Sulfuric Acid–
 Uranium(VI) Oxide–Water–*d*, Systems
 Copper Oxide–Sulfuric Acid–Uranium Oxide Systems
 Copper Oxide–Uranium Oxide Systems
 Copper Oxides
 Copper–Oxygen–Titanium Systems
 Copper–Palladium Alloys
 Copper Perchlorates
 xx Perchlorates
 Copper Phosphates
 Copper Phthalocyanine
 xx Phthalocyanines
 Copper–Platinum Alloys
 Copper–Plutonium Alloys
 Copper–Plutonium–Uranium Alloys
 Copper Potassium Cyanides
 see Potassium Cyanocuprates(I)
 Copper Potassium Sulfates
 see Potassium Copper Sulfates
 Copper Powders
 xx Powders
 Copper Pyrophosphates
 xx Pyrophosphates
 Copper Selenides
 xx Selenides
 Copper–Silicon Crystals
 Copper–Silicon Oxide Systems
 Copper–Silicon Systems
 Copper–Silver Alloys
 Copper–Silver Couples
 Copper–Sodium Hydroxide Systems
 Copper–Stainless Steel Couples
 Copper Sulfate–Formic Acid–Iron Sulfate–Sulfuric
 Acid Systems
 Copper Sulfate–Iron Sulfate Systems
 Copper Sulfate–Nickel Sulfate–Sulfuric Acid–
 Uranyl Sulfate Systems
 Copper Sulfate–Sulfuric Acid Systems
 Copper Sulfate–Sulfuric Acid–Uranyl Sulfate Systems
 Copper Sulfate–Uranyl Sulfate–Water Systems
 Copper Sulfate–Water Systems
 Copper Sulfates
 see also Ammonium Copper Sulfates
 Antlerites
 Potassium Copper Sulfates
 Copper Sulfide–Copper Chloride Systems
 see Copper Chloride–Copper Sulfide Systems
 Copper Sulfide–Copper Telluride Systems
 Copper Sulfide–Iron Sulfide Systems
 Copper Sulfide–Molybdenum Sulfide Systems
 Copper Sulfides
 see also Chalcocites
 Copper Sulfides (Liquid)
 Copper Systems
 Copper Tartratonitobates
 xx Tartratonitobates
 Copper Telluride–Copper Sulfide Systems

see Copper Sulfide–Copper Telluride Systems

Copper–Thallium Alloys

Copper–Thorium Alloys

Copper–Tin Alloys
see also Bronze
xx Bronze

Copper–Tin–Zinc Alloys

Copper–Titanium Alloys

Copper–Titanium Couples

Copper–Titanium–Zirconium Alloys

Copper Tungstates
xx Tungstates

Copper–Tungsten Alloys

Copper–Tungsten Carbide Systems

Copper–Tungsten–Zirconium Alloys

Copper–Uranium Alloys

Copper–Uranium Couples

Copper–Uranium(IV) Oxide Compacts

Copper Uranium Oxides
xx Uranium Oxides

Copper–Uranium–Zirconium Alloys

Copper Uranyl Phosphates
xx Uranyl Phosphates

Copper–Yttrium Alloys

Copper–Zinc Alloys
see also Brass
xx Brass

Copper–Zinc Coatings

Copper–Zinc Couples

Copper–Zinc Crystals

Copper–Zirconium Alloys

Copper–Zirconium Couples

Coproporphyrin

Cordierites

Core Drilling
see Rock Drilling

Core Test Facility
see Aircraft Reactor Critical Experiments
Initial Engine Test

Cores
see Drill Cores

Cork
xx Gasket Materials

Com
see Maize

Coronene

Corrosion
see also Electrochemical Corrosion
Fretting Corrosion
High-Temperature Corrosion
Stress Corrosion
x Chemical Corrosion
Rust
xx Electrolysis

Corrosion Films
xx Films

Corrosion Inhibitors
see also Antioxidants
Fretting-Corrosion Inhibitors
x Inhibition
xx Passivation

Corrosion Loops
x Loops

Corrosion-Resistant Alloys
x Chemical Resisting Alloys
xx Alloys

Corrosive Materials

Cortex
For the adrenal cortex, see Adrenal Glands

Corticoids
see Corticosteroids

Corticosteroids

Corticosterone, Desoxy-
see Corticosterones

Corticosterones
x Corticosterone, Desoxy-
xx Hormones

Corticotropin
see Adrenocorticotrophic Hormone

Cortisone
xx Hormones

Corundum
see Aluminum Oxides

Corvusites
xx Vanadium Minerals

Cosmic Alpha Particles
xx Alpha Particles

Cosmic Deuterons
xx Deuterons

Cosmic Electrons
xx Cosmic Particles
Electrons

Cosmic Mesons
(This heading may be modified in the form Cosmic Mesons (π))
xx Mesons

Cosmic Mesons (μ)

Cosmic Mesons (π)

Cosmic Neutrinos
xx Neutrinos

Cosmic Neutrons
xx Cosmic Radiation
Neutrons

Cosmic Nucleons
xx Nucleons

Cosmic Particles
(See also headings by name of particle, e.g., Cosmic Electrons.)
see also Llectrons
Mesons
xx Particles

Cosmic Photons
xx Photons

Cosmic Protons
xx Protons

Cosmic Radiation
(See also specific particles identified with cosmic radiation, e.g., Cosmic Neutrons.)
xx Cosmic Showers
Radiation

Cosmic-Ray Spectra
xx Spectra

Cosmic-Ray Spectrometers
xx Spectrometers

Cosmic Ray Telescopes
see Coincidence Counters

Cosmic Showers
see also Cosmic Radiation
x Showers
xx Cascade Showers

Cosmogony
see Cosmology

Cosmology
see also Astrophysics
Stars
x Cosmogony

Cosmotron
see Brookhaven Synchrotron

Costs
see Statistics

Cotton
(For fabricated cotton see also Clothing and Textiles.)

Cottrell Precipitators
see Electrostatic Precipitators

Coulometers
x Meters

Coulometry

xx Analysis

Coumarin**Coumarin, 4-Hydroxy-****Coumarin, 3,3'-Methylene Bis[4-Hydroxy-****Countercurrent Separation Processes**

x Processes

xx Separation Processes

Counters*see Coincidence Circuits**Counting Devices**Radiation Detection Instruments***Counting Devices***(Electrical or mechanical devices for registering or recording numbers, not to be confused with radiation detection instruments which are often called counters)**see also Coincidence Counters**Radiation Detection Instruments**Radiation Detectors**Scalers*

x Counters

Pulse Counters

Registers

xx Equipment and Procedures

Couples*(See also specific couples which are indexed only under the name of the first member with the members arranged in alphabetical order. If either member is an alloy or system, its constituents are alphabetized)**see also Metal Couples***Coupling Circuits**

xx Circuits

Covellites

xx Copper Minerals

Cowboy Project

xx Vela Project

Cowlings*see Airplane Engine Cowlings***Cows***see Cattle***CP-1 Reactor***see West Stands Reactor***CP-2 Reactor***see Argonne Graphite Reactor***CP-3 Reactor***see Argonne Heavy Water Reactor***CP-3 Reactor***see Argonne Heavy Water Reactor***CP-4 Reactor***see Experimental Breeder Reactor***CP-5 Reactor***see Argonne Research Reactor***CP-6 Reactor***see Argonne Neutron Production Reactor***CP-7 Reactor***see Experimental Boiling Water Reactor***CP-8 Reactor***see Experimental Breeder Reactor-II***CP-9 Reactor***see Army Reactors (SL-1)***CP-11 Reactor***see Argonaut Reactor***CP-12 Reactor***see Arbor Reactor***CP-13 Reactor***see Argonne Mighty Mouse Research Reactor***CPP***see Arco Chemical Plant***CPPD Reactor***see Hallam Power Reactor***CPR***see Cobalt Production Reactor***Crabs***see Crustacea***Cranes***see Hoists***Crater Missiles**

xx Missiles

Craters**CRBR***see Sioux Falls Power Reactor***Creatine****Creatinephosphoric Acid**

x Phosphocreatine

xx Acids

Phosphoric Acid

Creatinine

x 4(5)-Imidazolone, 2,3-Dihydro-2-Imino-1-Methyl-

Creep

x Creep Rupture

Creep Rupture*see Creep***m-Cresol****p-Cresol****p-Cresol, 2,6-Di-tert-Butyl-****o-Cresol, α,α' -(Ethylenedinitrilo)Di- Complexes**

x Salcomine

Cresotic Acid, Sodium Salts

xx Sodium Salts

Cresoxyacetic Acid*see Acetic Acid, 2-Methoxyphenoxy-***Cresyl Phosphates**

xx Phosphates

Cristobalites**Critical Assemblies***see also Exponential Piles**Neutron Sources**Research Reactors*

x DIMPLE

Godiva

HAZEL

Hydro

Jezebel

Lockheed Critical Assembly (LBMSD)

Nuclear Test Gauge

Popsy

Reactor Mockups

Topsy

Zero Energy Tank Reactor

ZETR-II

ZPR-V

ZPR-VII

xx Exponential Piles

Reactor Matrices

Reactors

Critical Experiments*see Aircraft Reactor Critical Experiments**KAPL Intermediate Power Breeder Critical Experiments**Submarine Thermal Reactor Critical Experiment***Critical Points***see Transformation Temperatures***Critical State***see Transformation Temperatures***Criticality Studies***see also Multiplication Factor*

x Special Hazards

xx Chain Reactions

Reactor Safety

Croloy*see Chromium Steel***Cross Sections***see also Alpha Cross Sections**Deuteron Cross Sections**Deuteron Scattering Cross Sections*

see also *Electron Capture Cross Sections*

Electron Scattering Cross Sections

Fast Neutron Cross Sections

Gamma Absorption Cross Sections

Gamma Cross Sections

Gamma Scattering Cross Sections

Meson Cross Sections

Meson Scattering Cross Sections

Meson Total Cross Sections

Neutron Cross Sections

Photofission Cross Sections

Proton Cross Sections

Thermal Neutron Cross Sections

Triton Cross Sections

X-Ray Absorption Cross Sections

x *Radiation Cross Sections*

Crossroads Operation

x *Operations*

Croton Oil

x *Tigilium Oil*

xx *Oils*

Crotonaldehyde

Crotonic Acid

x *2-Butenoic Acid*

Isocrotonic Acid

xx *Organic Acids*

Crotonic Acid, Fluoro-, Sodium Salts

xx *Sodium Salts*

Crotonoside

x *Isoguanine, 9-β-D-Ribofuranosyl-*

Crucibles

(*See also as main heading by the material of the crucible*)

see also *Boride Crucibles*

Carbide Crucibles

Ceramic Crucibles

Fluoride Crucibles

Graphite Crucibles

Nitride Crucibles

Oxide Crucibles

Silicate Crucibles

Sulfide Crucibles

x *Refractories and Crucibles*

Cruiser Reactors (CIW)

see *Naval Reactors (CIW)*

Cruiser Reactors (FIW)

see *Naval Reactors (FIW)*

Crushing

see also *Grinding*

x *Milling*

xx *Grinding*

Crustacea

x *Crabs*

CRX (Critical Reactor Experiments for Yankee Power Reactor)

see *Yankee Power Reactor*

Cryogenics

x *Low Temperature Physics*

Cryolite-Sodium Fluoride Systems

Cryolites

xx *Sodium Fluoroaluminates*

Cryolites (Liquid)

Cryostats

Crystal Detectors

(*Radiation detectors operating on changes in electric conductivity, e.g., diamonds and germanium crystals, for scintillation detectors*

see also *Scintillation Detectors, for colorimetric crystal detectors*

see also *Chemical Radiation Detectors For complete direct reading instruments see Radiation Detection Instruments (Colorimetric)*)

x *Detectors*

xx *Diamonds*

Photoelectric Cells

Radiation Detectors

Radioelectric Cells

Crystal Structure

(*Including crystal imperfections, lattice distortion, crystal deformation, orientation, superlattices, etc.*)

see also *Preferred Orientation*

x *Distortion*

Superlattices

Crystal Violet

Crystallography

xx *Mineralogy*

Crystals

see also *Acetylene, Diphenyl- Crystals*

Anthracene Crystals

Bi-Crystals

Brass Crystals

Bromide Crystals

Carbide Crystals

Chloride Crystals

Chrysene Crystals

Cyanide Crystals

Fluoride Crystals

Graphite Crystals

Halide Crystals

Iodide Crystals

Metal Crystals

Naphthalene Crystals

Nitrate Crystals

Nitride Crystals

Oxide Crystals

Piezoelectric Crystals

Polycrystals

Quartz Crystals

Single Crystals

Stilbene Crystals

Sulfate Crystals

Sulfide Crystals

Titanate Crystals

Tungstate Crystals

Tungsten Bronze Crystals

CTF

see *Aircraft Reactor Critical Experiments*

CTF Process

see *Fluoride Volatility Processes*

Cultures

see *Tissue Cultures*

Cumene

Cumene, β-Bromo-

Cumulenes

Cupferron

x *Hydroxylamine, Ammonium-Nitroso-β-Phenyl-*

Cupferron Complexes

x *Complexes*

Cuprates

see also *Chlorocuprates*

Cyanocuprates

Fluocuprates

Cuproine

see *2,2'-Biquinoline*

Cuproskladowskites

Curare Alkaloids

xx *Alkaloids*

Curie Points

see *Magnetic Properties*

Curie Units

Curites

xx *Uranium Minerals*

Curium

see also *Actinides*

xx *Actinides*

Transplutonic Elements

Transuranic Elements

Curium Alloys

Curium-Beryllium Alloys

see *Beryllium-Curium Alloys*

Curium Chlorides**Curium Complexes****Curium Compounds****Curium Fluorides****Curium Isotopes****Curium Isotopes Cm²³⁸****Curium Isotopes Cm²³⁹****Curium Isotopes Cm²⁴⁰****Curium Isotopes Cm²⁴¹****Curium Isotopes Cm²⁴²****Curium Isotopes Cm²⁴³****Curium Isotopes Cm²⁴⁴****Curium Isotopes Cm²⁴⁵****Curium Isotopes Cm²⁴⁶****Curium Isotopes Cm²⁴⁷****Curium Isotopes Cm²⁴⁸****Curium Isotopes Cm²⁵⁰****Curium Nitrates****Curium Oxides****Curium Oxychlorides**

xx Oxychlorides

Current Integratorssee also *Electrometers*

Radiation Detection Instruments (Ion Current Type)

x Integrators

Current Regulatorssee also *Voltage Regulators*

x Regulators

xx Power Supplies

Current Type Radiation Detection Instrumentssee *Radiation Detection Instruments (Ion Current Type)***Cuspidines****Cutie Pie**see *Radiation Detection Instruments (Ion Current Type)***Cutting**see *Flame Cutting***Cutting Tools**

x Saws

Tools

CVNPA Reactorsee *Carolinas-Virginia Tube Reactor***CVR**see *Carrier Vessel Reactor***CVTR**see *Carolinas-Virginia Tube Reactor***Cyanacetylene**see *Propiolonitrile***Cyanamides**see also *Cesium Cyanamides*

Silver Cyanamides

Cyanate Complexessee also *Thiocyanate Complexes*

x Complexes

Cyanatessee also *Ammonium Cyanates*

Cadmium Thiocyanates

Hafnium Thiocyanates

Silver Cyanates

Thiocyanates

Zirconium Thiocyanates

Cyanide, Bromobenzylsee *Acetonitrile, Bromophenyl-***Cyanide Complexes**see also *Cobalt Cyanide Complexes*

Tungsten Cyanide Complexes

Cyanide Crystalssee also *Sodium Cyanide Crystals*

xx Crystals

Cyanide Ionssee also *Mercury Cyanide Ions***Cyanides**see also *Cadmium Cyanides*

Cobalt Cyanides

Copper Cyanides

Iron Cyanides

Isocyanides

Mercury Cyanides

Nickel Cyanides

Palladium Cyanides

Potassium Cyanides

Sodium Cyanides

Zinc Cyanides

Cyano Group

x Groups and Radicals

Cyanoargentatessee also *Potassium Cyanoargentates(I)*

xx Argentates

Cyanoauratessee also *Lithium Cyanoaurates(I)*

Potassium Cyanoaurates(I)

Sodium Cyanoaurates(I)

Thallium Cyanoaurates

xx Aurates

Cyanoauric(III) Acid**Cyanochromates**see also *Potassium Cyanochromates(III)*

xx Chromates

Cyanocobaltatessee also *Lanthanum Cyanocobaltates(III)*

Neodymium Cyanocobaltates(III)

Potassium Cyanocobaltates(III)

Samarium Cyanocobaltates(III)

Yttrium Cyanocobaltates(III)

xx Cobaltates

Cyanocupratessee also *Potassium Cyanocuprates(I)*

xx Cuprates

Cyanogen**Cyanogen Halides**

xx Halides

Cyanogen Iodides

x Iodine Cyanides

Cyanomolybdate Complexes

xx Molybdate Complexes

Cyanomolybdatessee also *Potassium Cyanomolybdates(IV)*

xx Molybdates

Cyanonickelates

xx Nickelates

Cyanopalladatessee also *Potassium Cyanopalladates(II)*

xx Palladates

Cyanuric Chloride

xx Chlorides

Cyberneticssee also *Communication Systems*

Communication Theory

Computers

Servomechanisms

xx Communication Theory

Computers

Servomechanisms

Cyclic Hydrocarbonssee *Cycloalkanes*

Hydroaromatic Compounds

Cyclingsee *Thermal Cycling***Cycloalkanes**(See also *specific compounds*)see also *Naphthenes*

x Cyclic Hydrocarbons

xx Alkanes

1,3-Cyclobutadiene

Cyclobutane

Cyclobutane, 1,2-Dichloro-1,2,3,3,4,4-Hexafluoro-

Cyclobutane, Ethyl-

Cyclobutane, Octafluoro-

Cyclobutene

1-Cyclobutene, 1,2-Dichloro-3,3,4,4-Tetrafluoro-

Cyclobutene, Hexafluoro-

1,2-Cyclodecanedione Dioxime

Cycloheptane

1,2-Cycloheptanedione Dioxime

1,3-Cyclohexadiene

1,4-Cyclohexadiene

Cyclohexane

Cyclohexane-Benzene Systems

*see Benzene-Cyclohexane Systems***Cyclohexane, Chlorononafluorobis(Trifluoromethyl)-***(For mixtures of this compound and decafluoro-bis(trifluoromethyl) cyclohexane see the latter)***Cyclohexane, Chloroundecafluoro-****Cyclohexane, Decafluorobis(Trifluoromethyl)-***(Including mixtures of these compounds with chlorononafluorobis (trifluoromethyl)cyclohexane)*

x Cyclohexane, Hexadecafluorodimethyl-

Cyclohexane, Decafluorotrifluoromethyl-**Cyclohexane, 1,2-Dichlorodecafluoro-****Cyclohexane, Dichlorooctafluorobis(Trifluoromethyl)-****Cyclohexane, Hexachloro-**

Cyclohexane, Hexadecafluorodimethyl-

*see Cyclohexane, Decafluorobis(Trifluoromethyl)-***Cyclohexane-Methanol Systems****Cyclohexane, Methyl-****Cyclohexane, Nonafluorobis(Trifluoromethyl)-****Cyclohexane-Oxygen Systems****Cyclohexane, Phenyl-**

Cyclohexane, Tetradecafluoromethyl-

*see Cyclohexane, Undecafluorotrifluoromethyl***Cyclohexane, Undecafluoro-****Cyclohexane, Undecafluorotrifluoromethyl-**

x Cyclohexane, Tetradecafluoromethyl-

1,2-Cyclohexanedione Dioxime

x Nioxime

Cyclohexanes**Cyclohexanol**

Cyclohexanol, 2-Phenyl-

Cyclohexanol-Water Systems

Cyclohexanone, 2-Chloro-

*see Cyclohexanones*Cyclohexanone, 2-Heptafluoro-*n*-Butyryl-*see Cyclohexanones*

Cyclohexanone, 2-Trifluoroacetylbutyryl-

*see Cyclohexanones***Cyclohexanones**

x Cyclohexanone, 2-Chloro

Cyclohexanone, 2-Heptafluoro-*n*-Butyryl-

Cyclohexanone, 2-Trifluoroacetylbutyryl-

Cyclohexene**Cyclohexene, Decafluoro-****Cyclohexene, 1,2-Dimethyl-****Cyclone Separators***see also Centrifuges*

x Entrainment Precipitators

Hydroclones

Precipitators

Separators

xx Particle Precipitators

Cyclooctane

Cyclopentacycloheptene

*see Azulene***Cyclopentadiene**

Cyclopentadiene, 5-Methylene-

*see Fulvene***Cyclopentadienyl Compounds***see also Copper, Cyclopentadienyltriethyl- Phosphine-**Ferrocenes**Iron, Biscyclopentadienyl-**Mercury, Biscyclopentadienyl-**Ruthenium, Biscyclopentadienyl-***Cyclopentane****Cyclopentane, Decafluoro-****Cyclopentane, Methyl-****Cyclopentanone****Cyclopentanone, Octafluoro-****Cyclopentene****Cyclopentindene****Cyclopropane****Cyclopropane, Bromo-****Cyclopropanemethanol**

x Carbinol, Cyclopropyl-

Cyclorators*(360° Calutron)*

xx Accelerators

Calutrons

Electromagnetic Separation

Mass Spectrometers

Cyclotron Radiation*see also Microwaves*

x Betatron Radiation

xx Radiation

Cyclotrons*see also ORNL Relativistic Isochronous Cyclotron**Synchrocyclotrons*

x Cloverleaf Cyclotron

Magnetic Resonance Accelerators

Microtron

Thomas Cyclotron

xx Accelerators

Cylinders

x Geometry

xx Mechanics

Cyrano Reactor*see Saclay Reactors (EL-2)***Cyrtolites****Cystamine***see Ethylamine, 2,2'-Dithiobis-***Cysteamine***see Ethanethiol, 2-Amino-***Cysteic Acid**

x 3-Sulfoalanine

Cysteinamine*see Ethanethiol, 2-Amino-***Cysteine**x Alanine, β -Mercapto-**Cysteine Chelates**

xx Chelates

Cysteine, S-(Dichlorovinyl)-**Cystinesulfonic Acid***see Alanine, 3-Sulfin-***Cystine****Cystine, N,N'-Diethyl-****Cytidine***(Cytosine riboside)*

xx Nucleosides

Cytidine, 2'-Deoxy-

x Deoxycytidine

Desoxycytidine

xx Nucleosides

Cytidine Monophosphate*see Cytidylic Acids***Cytidylic Acid, Desoxy-5-Methyl-****Cytidylic Acids**

x Cytosylic Acid

Cytochrome C**Cytochrome Oxidase****Cytochromes**

Cytology

- x Cells
- Cells (Biology)

Cytoplasm**Cytosine**

- x 2(1)-Pyrimidone, 4-Amino-

Cytosylic Acid

- see *Cytidylic Acids*

D**2, 4-D**

- see *Acetic Acid, 2,4-Dichlorophenoxy-*

D1G

- see *Naval Reactors (D1G)*

D2G

- see *Naval Reactors (D2G)*

D1W

- see *Naval Reactors (D1W)*

D Mesons

- see *Mesons (D)*

Dacites**Dacron**

- see *Terephthalic Acid, Ethylene Polymer Esters*

Damage Surveys

- see *Bomb Damage Surveys*

Dana Plant

- see *Dual-Temperature Process*

Danger Coefficient Test Facility

- x DCTF
- xx Reactivity Measurement Facility
- Research Reactors

Danger Coefficients

- see also *Multiplication Factor*
- Neutron Cross Sections*
- xx Constants and Conversion Factors

Daniels Power Reactor

- xx Beryllium Moderated Reactors
- Gas Cooled Reactors
- Power Reactors

Dapex Process

- (Extraction of uranium from sulfuric acid leach liquors with alkyl phosphoric acids)

Daphnia**Darex Process**

- (Head-end process for the dissolution of stainless steel fuels by aqua regia, followed by chloride distillation prior to solvent extraction)

Dashpots**Data Recording Systems**

- see also *Information Retrieval Systems*
- Magnetic Recording Systems*
- x Recorders
- xx Information Retrieval Systems

Davidites**DBP (Dibutyl Phosphoric Acid)**

- see *Butyl Phosphates*

DCM Alloy

- see *Aluminum-Chromium-Iron-Molybdenum-Nickel-Titanium Alloys*

DCTF

- see *Danger Coefficient Test Facility*

DCX (Direct Current Experiment)

- see *High Energy Injection Devices*

DDT

- see *Ethane, 1,1,1-Trichloro-2,2-Bis(p-Chlorophenyl)-*

Debye Temperature

- see *Thermodynamic Properties*

Decaborane, Alkyl-**Decaborane, Methyl-****Decacyclene****Decane****Decanedioic Acid**

- see *Sebacic Acid*

Decarboxylation

- xx Carboxylation

Decay Curves

- xx Radioactivity

Decay Schemes

- see also *Alpha Decay*
- Beta Decay*
- Branching Ratios*
- Electron Capture*
- Gamma Decay*
- Internal Conversion*
- Isomeric Transition*
- Meson Decay*
- Neutron Decay*
- xx *Branching Ratios*
- Radioactivity*

Decay Series**Deceleration****1-Decene****Decontaminating Solutions**

- see also *Cleaning Solutions*
- xx *Cleaning Solutions*
- Decontamination*

Decontamination

- (For studies on the use of special coatings to aid decontamination see also *Coatings and specific coatings, e g , Paints and Silicone Coatings*)
- see also *Decontaminating Solutions*

- x *Coating Removal*
- xx *Cleaning*
- Radioactive Contamination*

Decontamination of Equipment

- xx *Cleaning*
- Equipment and Procedures*
- Laboratory Equipment*

Decontamination of Personnel

- xx *Personnel*

Decylamine**Defense**

- see *Civilian Defense*
- Radiological Defense*

Deformation

- see *Plastic Deformation*

Degasification

- (*Outgassing*)

Dehydrogenases**Deionization**

- see *Electrodeionization*
- Ion Exchange*

Delay Lines

- see also *Mercury Delay Lines*
- xx *Computers*

Delayed Neutrons

- xx *Neutrons*

Delta Rays

- see *Beta Particles*
- Electrons*

Demerol

- see *Isonipecotic Acid, 1-Methyl-4-Phenyl-, Ethyl Ester*

Densitometers

- x *Meters*
- xx *Spectrogram Comparators*

Density

- (Including *specific gravity*)
- (See also as subheading under *specific materials*. See also *Density Factors as subheading under specific processes*)
- x *Specific Gravity*

Dentine

- see *Teeth*

Depleted Slug Elements

- see *Slug Elements (Depleted)*

Dermatitis

- see Radiodermatitis*
- Skin Diseases*

Desiccants

- see Drying Agents*

Desorption

- see also Absorption*
- Adsorption*
- Sorption*

Destroyer Reactors (D1G)

- see Naval Reactors (D1G)*

Destroyer Reactors (D2G)

- see Naval Reactors (D2G)*

Destroyer Reactors (D1W)

- see Naval Reactors (D1W)*

Detection Instruments

- see Radiation Detection Instruments*

Detectors

- see Cherenkov Detectors*
- Chemical Radiation Detectors*
- Crystal Detectors*
- Halide Detectors*
- Leak Detectors*
- Luminescent Detectors*
- Metal-Foil Detectors*
- Parallel Plate Detectors*
- Photographic Film Detectors*
- Plastic Film Detectors*
- Proportional Detectors*
- Radiation Detectors*
- Scintillation Detectors*
- Spark Detectors*

Detergents

- see also Soap Solutions*
- Surface Active Agents*
- xx *Cleaning Solutions*

Detonation Waves

- see also Explosions*
- x *Waves*
- xx *Explosions*
- Shock Waves*

Detonations**Detonators**

- see also Fuzes*

Deuteration

- see Deuterization*

Deuterides

- (See also deuterides of specific elements)*
- see also Rare Earth Deuterides*

Deuteriocarbons

- xx *Deuterioorganic Compounds*

Deuterioorganic Compounds

- see also Deuteriocarbons*

Deuterium

- see also Deuterons*
- x *Hydrogen Isotopes H²*

Deuterium (Liquid)**Deuterium (Solid)****Deuterium-Ammonia Systems**

- see Ammonia-Deuterium Systems*

Deuterium-Carbon Dioxide Systems

- see Carbon Dioxide-Deuterium Systems*

Deuterium Compounds**Deuterium Hydrides**

- see also Deuterium-Hydrogen Systems*
- x *Hydrogen Deuterides*
- xx *Deuterium-Hydrogen Systems*

Deuterium-Hydrogen Sulfide Systems**Deuterium-Hydrogen Systems**

- see also Deuterium Hydrides*
- xx *Deuterium Hydrides*

Deuterium Ion Concentration

- see also Hydrogen Ion Concentration*

x *Ion Concentration*

xx *Hydrogen Ion Concentration*

Deuterium Ions

- see also Deuterons*
- xx *Deuterons*

Deuterium-Nitrogen Systems**Deuterium Oxides**

- see Heavy Water Reactors*
- Water-d*
- Water-d₂*
- Water-dt*

Deuterium-Palladium Systems**Deuterium Systems****Deuterium-Titanium Systems****Deuterium Tritides**

- see also Deuterium-Tritium Systems*
- x *Tritium Deuterides*
- xx *Deuterium-Tritium Systems*
- Tritides*

Deuterium-Tritium Systems

- see also Deuterium Tritides*
- xx *Deuterium Tritides*
- Tritides*

Deuterium-Water Systems**Deuterium-Xenon Systems****Deuterium-Zirconium Systems**

- xx *Zirconium Deuterides*

Deuterization

- x *Deuteration*

Deuteron Beams

- x *Beams*

Deuteron Cross Sections

- xx *Cross Sections*

Deuteron Scattering Cross Sections

- x *Scattering Cross Sections*

Deuteron Sources

- x *Sources*

Deuterons

- see also Cosmic Deuterons*
- Deuterium Ions*
- Photodeuterons*
- xx *Deuterium*
- Deuterium Ions*

Devices

- see Equipment and Procedures*

Dew Point**Dewindtites****Dextran**

- xx *Blood Plasma Substitutes*

Dextrins**Dextrose**

- see Glucose*

DFR

- see Downreay Fast Reactor*

Diabetes**Diacetyl Peroxide**

- see 2,3-Butanedione Peroxide*

Diacetylene

- see Butadiyne*

Diagnostics

- see Radiodiagnosis*

Diagrams

- see Constitution Diagrams*

Dialysis

- see also Osmosis*
- xx *Osmosis*

1,2-Diaminocyclohexanetetraacetic Acid

- see Acetic Acid, (1,2-Cyclohexylenedinitrilo)Tetra-*

Diamond Drilling

- see Rock Drilling*

Diamonds*see also Carbon**Crystal Detectors*

xx Carbon

Diaphragm Pumps

xx Pumps

Diaphragms*see also Pumps**Valves***Diarrhea****Diaspore**

xx Aluminum Hydroxides

Diatomaceous Earth

x Earths

*Infusorial Earth**Kieselguhr*

xx Fuller's Earth

1,4-Diazabicyclo[2.2.2]Octane

x Triethylenediamine

1,3-Diazacyclopentane, 1,3-Dinitro-*see Imidazolidine, Dinitro-***Diazo Compounds***see also Benzenediazonium Chlorides***Diazonium Group****Dibenzanthracene****Dibenzofuran****Dibenzyl***see Bibenzyl***Diborane***see Boron Hydrides***Diborane, Alkyl-****Diborane, Amino-****Diborane, Bromo-****Diborane, Diethyl-****Diborane, 1,1-Dimethyl-****Diborane, Dimethylamino-****Diborane, Ethyl-****Diborane Tetrachloride***see Boron Chlorides***Diborane, Tetramethyl-****Dibutyl Ether***see Butyl Ether***Dibutyl Phosphoric Acid***see Butyl Phosphates***Dicarboxylic Acids***see also Acetylenedicarboxylic Acid*

xx Organic Acids

Dichromates

xx Chromates

Dicyclohexylamine**Diderichites****DIDO Reactors**

x DMTR

*E-443 Reactor**PLUTO**RE-775*

xx British Reactors

*Heavy Water Reactors**Research Reactors***Dielectric Breakdown***(See also specific materials, instruments, or plant operating units.)**see also Cables**Connectors (Electric)**Electric Insulators*

x Arcs

*Sparking**Voltage Breakdown*

xx Electric Discharge

Dielectric Constants

x Permittivity

xx Constants and Conversion Factors

Dielectric Films

xx Films

Dielectrics*see also Electrets**Electric Insulators**Semiconductors*

xx Electric Insulators

Dies*see also Molds***Diet***see also Food*

xx Food

Diethanolamine*see Ethanol, 2,2-Iminodi-***Diethyl Ether***see Ethyl Ether***Diethylamine****Diethylamine, 2,2'-Dichloro-N-Methyl-**

xx Nitrogen Mustards

Diethylene Glycol Dibutyl Ether*see Ether, Bis(2-Butoxyethyl)***Diethylene Glycol Dimethyl Ether***see Ether, Bis(2-Methoxyethyl)***Diethylenediamine***see Piperazine***Diethylenetriamine****Diethylenetriaminepentaacetic Acid***see Acetic Acid, [(Carboxymethylimino)Bis(Ethylenetriamino)] Tetra-***Differential Analyzers***see Computers***Differential Equations**

xx Mathematics

Differential Migration Analysis*see Chromatography***Differential Thermal Analysis**

x Thermal Analysis

xx Analysis

Differentiating Circuits

xx Circuits

Diffraction*(Limited to theoretical studies of diffraction.)**see also Scattering***Diffraction Gratings**

x Gratings

Diffractometers*see X-Ray Diffractometers***Diffusers****Diffusion***see also Bonding**Diffusion Coatings**Gaseous Diffusion Process**Grain-Boundary Diffusion**Permeability**Self-Diffusion**Thermal Diffusion*

x Interfaces

xx Bonding

*Permeability**Phase Studies***Diffusion Chambers***see Cloud Chambers***Diffusion Coatings**

xx Coatings

*Diffusion**Plating***Diffusion Pumps***see also Vacuum Pumps*

xx Pumps

*Vacuum Pumps***Digestion***see also Gastric Juice***Digestive Tract***see Gastrointestinal Tract***Digital Computers**

see *Computers*

Digitoxin

Diisopropyl Ketone

see *3-Pentanone, 2,4-Dimethyl-*

Diketone Chelates

xx Chelates

Diketones

(See also specific diketones, e g , Acetone, Thenoyltrifluoro-)

see also Ketones

xx Ketones

Diketones, Fluoro-

Dilatometers

x Meters

Dilatometry

x Expansion

Dilution Methods

see *Isotopic Equilibration*

Dimethyl Ether

see *Methyl Ether*

Dimethyl Itaconate

see *Itaconic Acid, Methyl Ester*

Dimethylamine

Dimethylberyllium

see *Beryllium, Dimethyl-*

Dimple

see *Critical Assemblies*

Dineutrons

xx Neutrons

2,4-Dinitrophenyl Ethers

see *Ethers, Alkyl 2,4-Dinitrophenyl*

Dioctyl Phthalate

see *Phthalic Acid, Dioctyl Ester*

Dioctylamine, N-Methyl-

Diodes

xx Electron Tubes

Diodrast

Dioxane

Dioxane Complexes

Dioxane-Water Systems

Dioxides

see also Carbon Dioxides

Sulfur Dioxides

xx Oxides

Dioximes

see *Oximes*

Dip Coatings

xx Coatings

Plating

Dipentaerythritol Hexanitrate

xx Pentaerythritol

Dipeptides

see *Peptides*

Diphenic Acid

x 2,2'-Biphenyldicarboxylic Acid

Diphenyl

see *Biphenyl*

Diphenylamine

Diphenylamine, 2,2', 4,4', 6,6'-Hexanitro-

Diphenylamine, 2-Nitro-

Diphosgene

xx Phosgene

Diphosphopyridine Nucleotide

see *Nucleotides, Pyridine Diphosphate*

Dipicrylamine

see *Diphenylamine, 2,2',4,4',6,6'-Hexanitro-*

Dipole Moments

see *Electric Moments*

Magnetic Moments

2,2'-Diquinoly

see *2,2'-Biquinoline*

Dipyridyl

see *Bipyridines*

Direct Current Experiment (DCX)

see *High Energy Injection Devices*

Direct Cycle Reactors

see *ANP Reactor (Direct Cycle)*

Direct Energy Conversion Devices

see *Fuel Cells*

Magnetohydrodynamic Cells

Nuclear Batteries

Photoelectric Cells

Thermionic Cells

Thermoelectric Cells

Dirt

see *Soils*

Disaccharides

see also Lactose

Maltose

Sucrose

x Saccharides

Disasters

see also Reactor Safety

x Accidents

Disaloy

see *Chromium-Iron-Molybdenum-Nickel-Titanium Alloys*

Discharges

see *Electric Arcs*

Electric Discharge

Glow Discharges

Disconnects

see also Cables

Connectors (Electric)

xx Cables

Connectors (Electric)

Pipe Joints

Diseases

see also Blood Diseases

Bone Diseases

Circulatory Diseases

Heart Diseases

Hemorrhagic Diseases

Liver Diseases

Lung Diseases

Lymph Diseases

Metabolic Diseases

Neuromuscular Diseases

Plant Diseases

Skin Diseases

Thyroid Diseases

Disks

see also Reactor Fuel Disks

Disperse Systems

see also Aerosols

Colloids

Dusts

Emulsions

Particles

Slurries

Smokes

Solutions

Dispersion Fuel Elements

see *Reactor Fuel Elements (Dispersion)*

Displacement Gages

xx Gages

Disposal

see *Stack Disposal*

Waste Disposal

Disproportionation

Dissociation

see also Electrolytic Ionization

Heat of Dissociation

xx Ionization

Dissolvers

xx Tanks

Vessels

Distillation

see also Evaporation

Distillation Apparatus

see also Column Packing

Evaporators

Packed Columns

x Stills

xx Column Packing

Equipment and Procedures

Evaporators

Distortion

see Crystal Structure

Disulfides

xx Sulfides

1,2-Dithiolane

x Trimethylene Disulfide

Dithionites

see also Sodium Dithionites

Dithizone

x Carbazone, Diphenylthio-

Dithizone Complexes

x Complexes

Dithizone, Lead Derivatives

x Lead Derivatives

Dithizone, Polonium Derivatives

x Polonium Derivatives

Dithizone, Silver Derivatives

x Silver Derivatives

Diuranates

see Uranates

Divicine

xx Vicine

Djenkolic Acid

xx Amino Acids

DMTR

see DIDO Reactors

Docosane**Dodecane****Dodecanoic Acid**

see Lauric Acid

1-Dodecene**Dodecyl Alcohol****Dodecyl Sodium Sulfates**

see Sodium Dodecyl Sulfates

Dodecyl Sodium Sulfonates

see Sodium Dodecyl Sulfonates

Dodecylamine**Dodecylamine Acetate**

x Dodecylammonium Acetate

xx Amines

Ammonium Compounds

Dodecylamine, N-Benzyl-**Dodecylamine Hydrochloride**

x Dodecylammonium Chloride

Dodecylammonium Acetate

see Dodecylamine Acetate

Dodecylammonium Chloride

see Dodecylamine Hydrochloride

Dog Burst

see also Greenhouse Operation

xx Atomic Explosions

Greenhouse Operation

Dogs

xx Animals

Doisynolic Acids**Dolomites****Doloresites**

xx Vanadium Minerals

Doors**Dosimeters**

see Pocket Chambers

see Radiation Detection Instruments (Colorimetric)

Radiation Detection Instruments (Ion Current Type)

Rate Meters

Double Bonds

see also Alkenes

x Conjugation

xx Alkenes

Bonds

Downreay Fast Reactor

x DFR

xx Fast Reactors

Liquid Metal Cooled Reactors

Power Breeder Reactors

Dow-Detroit Reactor

see Fermi Fast Breeder Reactor

Dowtherm A

see Biphenyl-Phenyl Ether Systems

DPN

see Nucleotides, Pyridine Diphosphate

DPPH

see Hydrazyl, Diphenylpicryl-

DPR

see Hanford Dual Purpose Reactor

DPT

see Carbanilide, Thio-

Dragon

see Neutron Sources

Dragon Reactor

see High Temperature Gas Cooled Reactor Experiment

Dramamine**Drawing****Dresden Power Reactor**

(Commonwealth Edison)

xx Boiling Reactors

Power Reactors

Dressing

see Mineral Dressing

Drbble Project

see Vela Project

Drill Cores

x Cores

Drill-Hole Logging

see Well Logging

Drilling

see Rock Drilling

Drills**Drives**

see Mechanical Drives

Drop Nuclear Models

see Nuclear Models (Drop)

Drops

xx Colloids

Drosophila

x Fruit Flies

Drugs

(*See also* specific drugs, e.g., *Rutin*)

see also Adrenergic Blocking Drugs

Analgesics

Anesthetics

Antiheparin Drugs

Antihistaminic Drugs

Autonomic Drugs

Cardiac Drugs

Cholinergic Blocking Drugs

Cholinergic Drugs

Ganglionic Blocking Drugs

Muscle Relaxants

Vasoconstrictor Drugs

xx Pharmaceuticals

DRUHM Process**Dry Batteries**

x Cells

- Voltaic Cells
 - Zamboni Piles
- xx Batteries
- Primary Cells
- Dry Boxes**
 - x Boxes
 - Glove Boxes
 - xx Laboratory Furniture
- Dry Fluorination Separations**
 - see Fluoride Volatility Processes*
- Drying**
 - see also Calcination*
- Drying Agents**
 - x Desiccants
- Drying Apparatus**
 - xx Equipment and Procedures
- DTPA**
 - see Acetic Acid, [(Carboxymethylimino)Bis(Ethylenetriolo)] Tetra-*
- Du Pont Power Reactor**
 - see Savannah River Power Reactor Experiment*
- Dual-Temperature Process**
 - x Dana Plant
 - E Process
 - GS Process
 - Processes
 - S Process
 - xx Hydrogen Sulfide–Water Systems
- Ductility**
 - x Brittleness
 - Elongation
- Ducts**
 - see Bile Duct*
 - Pipes
 - Reactor Shield Voids
- Dumbo Reactor**
 - see Rocket Reactors (Dumbo)*
- Dumontites**
- Dungeness Power Reactors
 - see Calder Hall Reactors*
- Dunites**
 - (*Peridotite consisting of olivine and chromite*)
 - xx Igneous Rocks
- Duquesne Light Co Reactor
 - see Shippingport Pressurized Water Reactor*
- Duralumin**
 - see Aluminum–Copper–Magnesium–Manganese Alloys*
- Durene**
 - see Benzene, 1,2,4,5-Tetramethyl-*
- Durohydroquinone**
 - x Hydroquinone, Tetramethyl-
- Duroquinone**
 - x Quinone, Tetramethyl-
- Dust Exposure Chambers**
 - see Atmosphere Exposure Chambers*
- Dust Hazards**
 - (*Including control and measurement*)
 - x Hazards
 - xx Aerosols
 - Safety Hazards
- Dusts**
 - see also Aerosols*
 - Particles
 - Powders
 - xx Disperse Systems
 - Particles
- Dutch–Norwegian Heavy Water Reactor**
 - see JEEP Reactor*
- Duttonites**
 - xx Vanadium Minerals
- Dyes**
 - (*See also specific dyes, e.g., Toluidine Blue, see also classes of dyes, e.g., Phenazine Dyes and Thiazine Dyes*)

Dynamics

see Mechanics

Dynamometers

x Meters

Dynodes

see Photomultiplier Tubes

Dysprosium

see also Rare Earths

Dysprosium–Acetone, Thenoyltrifluoro–Benzene Systems

see Acetone, Thenoyltrifluoro–Benzene–Dysprosium Systems

Dysprosium Acetylacetonates

xx Acetylacetonates

Dysprosium Aluminates

xx Aluminates

Dysprosium–Aluminum Alloys

see Aluminum–Dysprosium Alloys

Dysprosium Borates

Dysprosium Borides

Dysprosium Chlorides

Dysprosium–Cobalt Alloys

see Cobalt–Dysprosium Alloys

Dysprosium Complexes

Dysprosium Compounds

Dysprosium–Copper Alloys

see Copper–Dysprosium Alloys

Dysprosium Crystals

Dysprosium Ethyl Sulfates

xx Ethyl Sulfates

Dysprosium Ferrates(III)

xx Ferrates

Dysprosium Ferrites

see Dysprosium Ferrates(III)

Dysprosium Gallates

xx Gallates

Dysprosium–Gallium Alloys

Dysprosium–Germanium Alloys

Dysprosium–Gold Alloys

Dysprosium–Hafnium Alloys

Dysprosium Hydrides

Dysprosium–Hydrogen Systems

Dysprosium–Hydrogen–Titanium Systems

Dysprosium–Indium Alloys

Dysprosium Ions

Dysprosium–Iron Alloys

Dysprosium Isotopes

Dysprosium Isotopes Dy¹⁴⁰Dysprosium Isotopes Dy¹⁵⁰Dysprosium Isotopes Dy¹⁵¹Dysprosium Isotopes Dy¹⁵²Dysprosium Isotopes Dy¹⁵³Dysprosium Isotopes Dy¹⁵⁴Dysprosium Isotopes Dy¹⁵⁵Dysprosium Isotopes Dy¹⁵⁶Dysprosium Isotopes Dy¹⁵⁷Dysprosium Isotopes Dy¹⁵⁸Dysprosium Isotopes Dy¹⁵⁹Dysprosium Isotopes Dy¹⁶⁰Dysprosium Isotopes Dy¹⁶¹Dysprosium Isotopes Dy¹⁶²Dysprosium Isotopes Dy¹⁶³Dysprosium Isotopes Dy¹⁶⁴Dysprosium Isotopes Dy¹⁶⁵Dysprosium Isotopes Dy¹⁶⁶Dysprosium Isotopes Dy¹⁶⁷

Dysprosium–Manganese Alloys

Dysprosium Minerals

Dysprosium–Nickel Alloys

Dysprosium Nitrates

Dysprosium Oxalates

xx Oxalates

Dysprosium Oxide–Aluminum Oxide Systems

see Aluminum Oxide–Dysprosium Oxide Systems

Dysprosium Oxide—Cerium Oxide Systems

see Cerium Oxide—Dysprosium Oxide Systems

Dysprosium Oxide—Niobium Oxide Systems

Dysprosium Oxide—Uranium Oxide Systems

Dysprosium Oxide—Zirconium Oxide Systems

Dysprosium Oxides

Dysprosium Oxyselelenides

xx Oxyselelenides

Dysprosium Oxyulfides

xx Oxyulfides

Dysprosium Phosphates

Dysprosium—Platinum Alloys

Dysprosium Silicides

xx Silicides

Dysprosium—Silver Alloys

Dysprosium Sulfates

Dysprosium Sulfides

Dysprosium Systems

Dysprosium—Tantalum Alloys

Dysprosium—Thallium Alloys

Dysprosium—Thorium Alloys

Dysprosium—Tin—Uranium—Zirconium Alloys

Dysprosium—Tin—Zirconium Alloys

Dysprosium—Uranium—Zirconium Alloys

Dysprosium—Yttrium Alloys

Dysprosium—Zirconium Alloys

E

E. 443 Reactor

see DIDO Reactors

E Process

see Dual-Temperature Process

Ears

see Auditory Organs

Earth

(Restricted to studies of the planet or portions of its crust as such)

xx Planets

Earthquakes

see also Seismology

Earths

see Diatomaceous Earth

Fuller's Earth

Rare Earths

East Central Nuclear Group Power Reactor

see Florida Power Reactor

Easy Burst

xx Atomic Explosions
Greenhouse Operation

EBOR

see Beryllium Oxide Reactor Experiment

EBR-I

see Experimental Breeder Reactor

EBR-II

see Experimental Breeder Reactor-II

Ebullition

see Boiling

EBWR

see Experimental Boiling Water Reactor

Ecology

Eddy-Current Testing

see Materials Testing

Edema

see Pulmonary Edema

EDF-1

see Chinon Reactors (EDF-1)

EDF-2

see Chinon Reactors (EDF-2)

EDF-3

see Chinon Reactors (EDF-3)

Edison Batteries

see Alkaline Batteries

EDTA

see Acetic Acid (Ethylenediamine)Tetra-

EGCR

see Experimental Gas Cooled Reactor

Egg Yolks

x Yolks

xx Eggs

Eggs

see also Egg Yolks

Embryos

xx Chickens

Einsteinium

see also Actinides

x Element Ninety-Nine

xx Actinides

Transplutonic Elements

Transuranic Elements

Einsteinium Isotopes

Einsteinium Isotopes Es²⁴⁸Einsteinium Isotopes Es²⁴⁹Einsteinium Isotopes Es²⁵⁰Einsteinium Isotopes Es²⁵¹Einsteinium Isotopes Es²⁵²Einsteinium Isotopes Es²⁵³Einsteinium Isotopes Es²⁵⁴Einsteinium Isotopes Es²⁵⁵

Einsteinium Nitrates

EL-1 Reactor

see Zoe Reactor

EL-2 Reactor

see Saclay Reactors (EL-2)

EL-3 Reactor

see Saclay Reactors (EL-3)

EL-4 Reactor

see Brittany Power Reactor (EL-4)

Elasticity

see also Photoelasticity

Elastomers

see also Rubber

x Synthetic Rubber

xx Rubber

Electrets

xx Dielectrics

Electric Arc Furnaces

x Arc Furnaces

Electric Furnaces

xx Furnaces

Electric Arcs

see also Electric Probes

Perhapsatron

Stellarators

Thermonuclear Reactions

x Arcs

Discharges

Gaseous Arcs

Gaseous Discharge

Space Charge

Sparking

xx Electric Discharge

Electric Probes

Perhapsatron

Plasma

Thermonuclear Reactions

Electric Capacity

Electric Cells

see Photoelectric Cells

Radioelectric Cells

Electric Condensers

x Capacitors

xx Condensers

Electric Conductivity

(Including resistivity)

see also Resistors
 Superconductivity
 x Analog
 Conductivity
 Electric Resistance
 Resistance
 xx Semiconductors
Electric Connectors
 see Connectors (Electric)
Electric Control Systems
 x Control Systems
Electric Currents
Electric Discharge
 see also Dielectric Breakdown
 Electric Arcs
 Glow Discharges
 x Discharges
 Gaseous Discharge
 Sparking
Electric Fields
 see also Magnetic Fields
 xx Electrostatic Fields
 Magnetic Fields
Electric Furnaces
 see Electric Arc Furnaces
 Furnaces
 Induction Furnaces
 Resistance Furnaces
Electric Generators
 see also Liquid Metal Brushes
 Pulse Generators (Electronics)
 xx Generators
Electric Insulators
 see also Dielectrics
 x Insulation
 Insulators
 Sparking
 xx Dielectric Breakdown
 Dielectrics
Electric Lamps
 see Light Sources
 Sodium Vapor Lamps
Electric Meters
 (See also specific meters, e g , Voltmeters)
 x Meters
Electric Moments
 see also Nuclear Electric Moments
 x Atomic Moments
 Dipole Moments
 Molecular Moments
 Moments
 Quadrupole Moments
Electric Noise
 see Noise
Electric Potential
 x Potential
Electric Power
 (Generation and transmission, excluding aspects normally associated
 with instruments)
 see also Cables
 Connectors (Electric)
 x Power
 xx Connectors (Electric)
 Power Supplies
Electric Probes
 see also Electric Arcs
 x Probes
 xx Electric Arcs
Electric Properties
 x Properties
Electric Resistance
 see Electric Conductivity

Electric Resistors
 see Resistors
Electric Switchgear
 see Switches
Electric Transients
 x Transients
Electrical Engineering
 x Engineering
Electricity
Electrinos
 see also Beta Decay
Electrocardiography
 see Cardiology
Electrochemical Analysis
 see also Polarography
 xx Analysis
 Electrodeposition
 Electrolytic Cells
 Electroplating
 Plating
Electrochemical Corrosion
 x Chemical Corrosion
 Galvanic Corrosion
 xx Corrosion
Electrochemistry
 see also Electrolytic Separation Processes
 xx Chemistry
 Electrometallurgy
 Electroplating
 Plating
Electrochromatography
 see also Chromatography
 xx Chromatography
Electrodeionization
 see also Ion Exchange
 x Deionization
 xx Ion Exchange
Electrodeposition
 see also Cathodes
 Electrochemical Analysis
 Electrolytic Separation Processes
 xx Electrolysis
 Electrolytic Cells
Electrodes
 see also Aluminum Electrodes
 Anodes
 Bismuth Electrodes
 Boron Carbide Electrodes
 Carbon Electrodes
 Cathodes
 Cesium Electrodes
 Copper Electrodes
 Glass Electrodes
 Gold Electrodes
 Graphite Electrodes
 Hydrogen Electrodes
 Iron Electrodes
 Mercury Chloride Electrodes
 Mercury Electrodes
 Molybdenum Electrodes
 Nickel Electrodes
 Niobium Electrodes
 Oxygen Electrodes
 Platinum Electrodes
 Quinhydrone Electrodes
 Rhenium Electrodes
 Rhodium Electrodes
 Silver Chloride Electrodes
 Silver Electrodes
 Sodium Electrodes
 Standard Electrodes
 Tantalum Electrodes
 (Continued)

see also Thorium Electrodes

Titanium Electrodes

Tungsten Electrodes

Uranium Electrodes

Zinc Electrodes

Zirconium Electrodes

Zirconium Oxide Electrodes

xx Anodes

Cathodes

Electrolysis

Electrolytic Cells

Electrodynamics

see also Quantum Electrodynamics

Electrogravitational Separation

see Electromigration Separation

Electrokinetics

x Kinetics

Electroluminescence

xx Luminescence

Electrolysis

see also Corrosion

Electrodeposition

Electrodes

Electrolytic Separation Processes

xx Electrolytic Cells

Electrolytes

see also Nonelectrolytes

xx Nonelectrolytes

Electrolytic Cells

see also Electrochemical Analysis

Electrodeposition

Electrodes

Electrolysis

x Cells

Electrolytic Ionization

xx Dissociation

Ionization

Electrolytic Ions

xx Ions

Electrolytic Polishing

x Electropolishing

xx Polishing

Electrolytic Separation Processes

x Processes

xx Electrochemistry

Electrodeposition

Electrolysis

Separation Processes

Electromagnetic Fields

xx Electrostatic Fields

Magnetic Fields

Electromagnetic Flowmeters

see Flowmeters

Electromagnetic Lenses

x Lenses

Magnetic Lenses

Electromagnetic Pumps

x Faraday Pump

Magnetic Pumps

xx Pumps

Pumps (Liquid Metal)

Electromagnetic Separation

see also Calutrons

Cyclotrons

Isotrons

Mass Spectrography

Mass Spectrometers

xx Mass Spectrometers

Separation Processes

Electromagnetic Separation Plant

see also Calutrons

xx Calutrons

Plants

Electromagnetic Shielding

xx Shielding

Electromagnetic Waves

see also Radio Waves

Gamma Radiation

Infrared Radiation

Ultraviolet Radiation

X Radiation

x Magnetic Waves

Waves

xx Radiation

Electromagnetism

xx Magnetism

Electromagnets

see Magnets

Electrometallurgy

xx Electroplating

Metallurgy

Electrometers

see also Electron Tubes

Radiation Detection Instruments (Ion Current Type)

Vibrating Reed Electrometers

x Meters

xx Current Integrators

Electromigration Separation

x Electrogravitational Separation

xx Separation Processes

Electron Beams

x Beams

Electron Cameras

xx Cameras

Electron Capture

x K-Capture

L-Capture

M-Capture

Electron Capture Cross Sections

x Capture Cross Sections

xx Cross Sections

Electron-Diffraction Analysis

xx Analysis

Radiation-Scattering Analysis

Electron Guns

see Electron Sources

Electron Lenses

x Lenses

Electron Microscopes

see also Field Emission Microscopes

xx Microscopes

Particle Microscopes

Electron Microscopy

xx Microscopy

Electron Multiplier Tubes

see also Photomultiplier Tubes

x Multiplier Tubes

xx Electron Tubes

Tubes

Electron Pairs

see also Positronium

xx Electrons

Positrons

Electron Photography

xx Photography

Electron Scattering Cross Sections

x Scattering Cross Sections

xx Cross Sections

Electron Showers

x Showers

Electron Sources

see also Beta Sources

x Electron Guns

Filaments

Sources
 xx Beta Sources

Electron Spectra
see Beta Spectra

Electron Spectrometers
see Beta Spectrometers

Electron Spectroscopy
see Beta Spectroscopy

Electron Synchrotrons
see Synchrotrons

Electron Transfer

Electron Tubes
see also Cathode-Ray Tubes
 Diodes
 Electron Multiplier Tubes
 Infrared Image Tubes

x Klystrons
 Magnetrons
 Thyratrons
 Vacuum Tubes

xx Amplifiers
 Cathode-Ray Tubes
 Cathodes
 Electrometers
 Microwave Equipment
 Power Supplies
 Rectifiers
 Tubes

Electron Voltmeters
see Voltmeters

Electronic Equipment
(See also specific equipment, e g , Power Supplies, Pulse Generators (Electronics), and Amplifiers)
 xx Equipment and Procedures
 Instruments

Electronic Filters
 x Low Pass Filters
 xx Circuits
 Filters

Electronic Pulse Generators
see Pulse Generators (Electronics)

Electronic Relays
see Relays

Electronic Switches
see Switches

Electronics
see also Circuits
 Computers
 Radiation Detection Instruments
 Radiation Detectors

Electrons
(For electrons from nuclear sources see also Beta Particles)
see also Auger Electrons
 Compton Effect
 Conversion Electrons
 Cosmic Electrons
 Electron Pairs
 Leptons
 • Positrons

x Delta Rays

xx Beta Particles
 Cathode Rays
 Cosmic Particles
 Fermions
 Polarons
 Positrons

Electrophoresis
 xx Analysis

Electrophotography
 x Xerography
 Xeroradiography

xx Photography

Electroplating

see also Electrochemical Analysis

Electrochemistry

Electrometallurgy

Plating

xx Plating

Electropolishing

see Electrolytic Polishing

Electroscopes

see Radiation Detection Instruments (Ion Current Type)

Electrostatic Analyzers

x Analyzers

Electrostatic Fields

see also Electric Fields

Electromagnetic Fields

Electrostatic Generators

see also Radioactive Voltage Generators

Van De Graaff Accelerators

x Statrons

xx Generators

Electrostatic Lenses

x Lenses

Electrostatic Memory Tubes

see Memory Devices

Electrostatic Precipitation

see also Electrostatic Separation

xx Electrostatic Separation
 Precipitation

Electrostatic Precipitators

x Cottrell Precipitators
 Entrainment Separators
 Precipitators

xx Particle Collectors
 Particle Precipitators

Electrostatic Separation

xx Electrostatic Precipitation
 Separation Processes

Electrostatics

Element Ninety-Nine

see Einsteinium

Element One Hundred

see Fermium

Element One Hundred One

see Mendelevium

Element One Hundred and Two

see Nobelium

Element One Hundred and Three

x Lawrencium (Lw)

xx Actinides

Transplutonic Elements

Elementary Particles

(See also specific particles, e g , Mesons and V Particles For elementary particles with zero or integral spin, see also Bosons and for those with nonintegral spin, see also Fermions)

see also Antiparticles

see also Strange Particles

xx Bosons

Fermions

Nuclear Particles

Particles

Elements

see also Actinides

Alkali Metals

Alkaline Earth Metals

Halogens

Platinum Metals

Rare Earths

Rare Gases

Transition Metals

Transplutonic Elements

Transuranic Elements

Eleostearic Acid

- x 9,11,13-Octadecatrienoic Acid
- xx Organic Acids

Eleostearic Acid, Methyl Ester

- x Stearic Acid, β -Eleo-, Methyl Ester

Elephants

- xx Animals

Elk River Power Reactor

(Rural Cooperative Power Association)

- x RCPA Reactor
- xx Boiling Reactors
- Power Reactors

Elongation

- see Ductility
- Tensile Properties

ELPHR

see Experimental Low-Temperature Process Heat Reactor

Elutriators

- xx Sedimentation Apparatus

Emanation

- see Radon

Embryology**Embryonic Tissues**

- xx Tissues

Embryos

- see also Fetuses
- xx Eggs
- Fetuses

Emesis**Emission Spectra**

- xx Spectra

Emissivity**Emulsions**

- see also Nuclear Emulsions
- Photographic Emulsions
- xx Disperse Systems

Enamels

- see Porcelain Enamels

Enanthaldehyde

- x n-Heptaldehyde

Enanthic Acid**Enanthic Acid, α -Bromo-****Enanthic Acid, Sodium Salts**

- xx Sodium Salts

Endocrine Glands

(See also specific glands, e g , Thyroid Gland)

- xx Glands

Endothelial System

see also Reticulo-Endothelial System

Energy

- see Atomic Energy
- Binding Energy
- Surface Energy

Engine Test

- see Initial Engine Test

Engineering

- see Chemical Engineering
- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- Nuclear Engineering
- Reactor Engineering
- Sanitary Engineering
- Steam Engineering
- Structural Engineering
- Tracer Techniques (Chemical Engineering)
- Tracer Techniques (Engineering)

Engineering Test Reactor

- x ETR
- xx Research Reactors
- Water Moderated Reactors

Engineering Test Reactor-II

- see Advanced Test Reactor

Engineering Test Unit (ETU)

Test facility for Aircraft Reactor Test which see

Engines

- see Aircraft Engines
- External Combustion Engines
- Gas Turbine Engines
- Internal Combustion Engines
- Piston Engines
- Ramjet Engines
- Rocket Motors
- Turbines
- Turbojet Engines
- Turboprop Engines

Eniwetok Atoll

- xx Greenhouse Operation

Enriched Reactors

(See also specific reactors using enriched fuel, e g , Argonne Research Reactor)

- xx Reactors

Enriched Slug Elements

- see Slug Elements (Enriched)

Enriched Slugs

- see Slugs (Enriched)

Enrico Fermi Reactor

- see Fermi Fast Breeder Reactor

Enthalpy

- see also Thermodynamics
- x Heat Content

Entomology**Entrainment Separators**

- see Cascade Impactors
- Cyclone Separators
- Electrostatic Precipitators
- Wire-Mesh Entrainment Separators

Entropy

- see also Thermodynamics

Enzymes

(See also specific enzymes, e g , Malic Enzymes)

- see also Amylases

Carboxylases
Catalases
Cholinesterases
Chymotrypsinogen
Dehydrogenases
Esterases
Myosins

- xx Catalysts

EOCR

- see Experimental Organic Cooled Reactor

Eosin

- x Fluorescein, Tetrabromo-

Epidemiology**Epinephrine**

- see Adrenaline

Epithelium

- see also Skin
- x Oral Epithelium

Equation of State**Equilibration**

- see Isotopic Equilibration

Equilibrium Diagrams

- see Constitution Diagrams

Equipment and Procedures

- see also Aircraft Equipment
- Antenna Tuning Devices
- Counting Devices
- Decontamination of Equipment
- Distillation Apparatus
- Drying Apparatus
- Electronic Equipment
- Extraction Apparatus
- Laboratory Equipment

see also Laboratory Furniture

Machine Tools

Melting Point Apparatus

Metallurgical Equipment

Microwave Equipment

Mining Equipment

Ordnance Materiel

Remote-Control Equipment

Sedimentation Apparatus

Sonar Equipment

Stirring Apparatus

Television Equipment

Thermal Cycling Apparatus

Titration Equipment

Water Purification Equipment

X-Ray Equipment

x Apparatus

Devices

Procedures

Erbium

see also Rare Earths

Erbium Aluminum Sulfides

see Aluminum Erbium Sulfides

Erbium-Antimony Alloys

see Antimony-Erbium Alloys

Erbium-Beryllium Alloys

see Beryllium-Erbium Alloys

Erbium Borates

Erbium Borides

Erbium Bromides

Erbium Chelates

Erbium Chlorides

Erbium-Chromium Alloys

see Chromium-Erbium Alloys

Erbium-Cobalt Alloys

see Cobalt-Erbium Alloys

Erbium Complexes

Erbium Compounds

Erbium-Copper Alloys

see Copper-Erbium Alloys

Erbium Crystals

Erbium Ethyl Sulfates

xx Ethyl Sulfates

Erbium-Europium Alloys

Erbium Ferrates

xx Ferrates

Erbium Ferrites

see Erbium Ferrates

Erbium-Gadolinium Alloys

Erbium Gallates

xx Gallates

Erbium-Gold Alloys

Erbium Hydrides

Erbium-Hydrogen Systems

Erbium Iodides

Erbium Ions

Erbium Isotopes

Erbium Isotopes Er¹⁵⁸

Erbium Isotopes Er¹⁶⁰

Erbium Isotopes Er¹⁶¹

Erbium Isotopes Er¹⁶²

Erbium Isotopes Er¹⁶³

Erbium Isotopes Er¹⁶⁴

Erbium Isotopes Er¹⁶⁵

Erbium Isotopes Er¹⁶⁶

Erbium Isotopes Er¹⁶⁷

Erbium Isotopes Er¹⁶⁸

Erbium Isotopes Er¹⁶⁹

Erbium Isotopes Er¹⁷⁰

Erbium Isotopes Er¹⁷¹

Erbium Isotopes Er¹⁷²

Erbium Magnesium Nitrates

see Magnesium Erbium Nitrates

Erbium-Manganese Alloys

Erbium Minerals

Erbium-Nickel Alloys

Erbium-Niobium Alloys

Erbium Nitrates

see also Magnesium Erbium Nitrates

Erbium Nitrides

Erbium Oxalates

Erbium Oxide-Lanthanum Oxide Systems

Erbium Oxide-Uranium Oxide Systems

Erbium Oxides

Erbium-Oxygen Systems

Erbium Oxyselelenides

xx Oxyselelenides

Erbium Oxyulfides

xx Oxyulfides

Erbium Phosphates

Erbium-Ruthenium Alloys

Erbium Selenides

xx Selenides

Erbium Sulfates

Erbium Sulfides

Erbium-Tantalum Alloys

Erbium Tellurides

xx Tellurides

Erbium-Thorium Alloys

Erbium-Tin Alloys

Erbium-Titanium Alloys

Erbium-Vanadium Alloys

Erbium-Yttrium Alloys

Erbium-Zirconium Alloys

Ergons

see Neutrinos

Ergosterol

see also Vitamin D

Ergot Alkaloids

xx Alkaloids

Erioglaucine

Erosion

see also Abrasion

ERR

see Elk River Power Reactor

Erythritol

(Tetrahydroxybutane)

Erythrocytes

see also Hemoglobin

x Sick Cells

xx Blood Cells

Erythropoiesis

Hematology

Hemoglobin

Erythronic Acid

Erythropoiesis

see also Blood Formation

Erythrocytes

Hematopoietic System

Erythropoietin

Erythrosin

x Fluorescein, Tetraiodo-

Escherichia Coli

xx Bacteria

Esterases

(*See also* specific esterases and classes of esterases, e.g.,
Cholinesterases)

xx Enzymes

Esterification

Esters

see also Acetic Acid, Trifluoroethyl-, Ethyl Esters

Acetic Acid, Triphenylethyl Esters

Acrylic Acid Esters

Amidophosphoric Acid, Esters

(Continued)

see also Carbamic Acid Esters

Methacrylic Acid, Esters

Phthalic Acid, Diethyl Esters

Thiophosphoric Acid, Alkyl Esters

Toluenesulfonic Acid, Triphenylethyl Esters

Esters, β -Keto

Estradiol

Estradiol Benzoate

Estrogens

- xx Gonadal Hormones
- Hormones
- Sterols

Ethane

Ethane-Argon Systems

see Argon-Ethane Systems

Ethane, 1,2-Bis(2-Chloroethoxy)-

- x Triglycoldichloride

Ethane, 1,2-Bis(2-Chloroethylmercapto)-

Ethane, 1,2-Bis(2-Methoxyethoxy)-

Ethane, Bromo-

- xx Ethanes, Halo-

Ethane, Bromopentafluoro-

Ethane, Chloro-

- xx Ethanes, Halo-

Ethane, 1-Chloro-1,1-Difluoro-

Ethane, Chloropentafluoro-

Ethane, 1-Chloro-1,2,2-Trifluoro-1,2-Diiodo-

Ethane, Dibromo-

- x Ethylene Bromide

Ethane, Dibromochlorotrifluoro-

Ethane, Dibromodifluoro-

Ethane, Dibromotetrafluoro-

Ethane, Dibutoxy-

- x Cellosolve, Dibutyl

Ethane, Dibutoxy--Aluminum Nitrate--Nitric Acid Systems

see Aluminum Nitrate-Ethane, Dibutoxy--Nitric Acid Systems

Ethane, 1,2-Dichloro-

Ethane, Dichloroepoxy-

Ethane, Dichlorofluoro-

Ethane, 1,2-Dichloro-1,1,2,2-Tetrafluoro-

- x Freon 114

Ethane, 1,2,-Dichloro-1,1,2,2-Tetrafluoro-- Uranium(VI) Fluoride Systems

Ethane, 1,2-Dichloro-1,1,2-Trifluoro-2-Iodo-

Ethane, Diethoxy-

- x Cellosolve, Diethyl

Ethane, Difluoro-

Ethane, 1,1-Difluoro-

Ethane, Dimethoxy-

Ethane, Dimethoxy--Methyl Borate Systems

Ethane, Diphenyl-

Ethane, Fluoro-

- xx Ethanes, Halo-

Ethane, Hexabromo-

Ethane, Hexachloro-

Ethane, Hexafluoro-

Ethane, Hexaphenyl-

Ethane-Hydrochloric Acid Systems

Ethane, Iodo-

- xx Ethanes, Halo-

Ethane, Iodo--Iodine Systems

Ethane, Pentachloro-

Ethane, Pentafluoro-

Ethane, Pentafluoroiodo-

Ethane, Tetrabromo-

Ethane, Tetrachloro-

Ethane, Tetrachloro--Tribenzylamine Systems

Ethane, Tetrachlorodifluoro-

Ethane, Tetrafluoro-

Ethane, 1,1,2,2-Tetrafluoro-1,2-Dinitro-

Ethane, 1,1,2,2-Tetraphenyl-

Ethane, Trichloro-

Ethane, 1,1,2-Trichloro-Acetone-Water Systems

see Acetone-Ethane, 1,1,2-Trichloro-Water Systems

Ethane, 1,1,1-Trichloro-2,2-Bis(p-Chlorophenyl)-

- x DDT

- xx Insecticides

Ethane, 1,1,1-Trichloro-2,2-Bis(p-Iodophenyl)-

Ethane, Trichlorotrifluoro-

- x Freon 113

Ethane, Trifluoro-

1,2-Ethanediol, 1,2-Diphenyl-1-p-Tolyl-

1,2-Ethanediol, Triphenyl-

Ethanes, Chlorofluoro-

Ethanes, Fluoro-

Ethanes, Halo-

see also Ethane, Bromo-

Ethane, Chloro-

Ethane, Fluoro-

Ethane, Iodo-

Ethanethiol

- x Ethyl Mercaptan

- xx Thiols

Ethanethiol, 2-Amino-

- x Cysteamine

Cysteamine

Ethylamine, 2-Mercapto-

Ethanethiols, 2-Amino-

Ethanol

- x Ethyl Alcohol

- xx Alcohols

Ethanol, 2-Amino-

- xx Amino Alcohols

Ethanol-Argon Systems

see Argon-Ethanol Systems

Ethanol, 2-Bromo-1,1,2-Triphenyl-

Ethanol-Carbon Tetrachloride Systems

see Carbon Tetrachloride-Ethanol Systems

Ethanol, 2-Dimethylamino-

Ethanol, 1-Fluoro-

Ethanol-Hydrochloric Acid Systems

Ethanol, 2,2-Iminodi-

- x Diethanolamine

Ethanol, Mercapto-

Ethanol-Methanol-Water Systems

Ethanol, 2,2',2''-Nitritotri-

- x Triethanolamine

Ethanol, 2,2'(Nitroimino)Di- Dinitrate

Ethanol, Trichloro-

Ethanol, Trifluoro-

Ethanol, Triphenyl-

Ethanol-Water Systems

Ethanols, Chloro-

Ethanols, Diaryl-

Ethanone, Triphenyl-

see Acetophenone, α , α -Diphenyl-

Ethanesulfonamide

- xx Sulfonamides

Ether

see Ethyl Ether

Ether, Bis(2-Butoxyethyl)

see also Butex Process

- x Bis(2-butoxyethyl) Ether

Carbitol, Dibutyl

Diethylene Glycol Dibutyl Ether

- xx Butex Process

Ether, Bis(2-Butoxyethyl)-Butyl Phosphate Systems

see Butyl Phosphate-Ether, Bis(2-Butoxyethyl) Systems

Ether, Bis(2-Butoxyethyl)-Carbon Tetrachloride Systems

see Carbon Tetrachloride-Ether, Bis(2-Butoxyethyl) Systems

Ether, Bis(2-Butoxyethyl)-Nitric Acid Systems

Ether, Bis(2-Butoxyethyl)-Nitric Acid-Uranyl

Nitrate Systems

Ether, Bis(Chloroethyl)

Ether, Bis(2-Chloroethyl)
Ether, Bis[2-(2-Chloromethylmercapto-)-Ethyl]
Ether, Bis(2-Ethoxyethyl)
 x Carbital, Diethyl
Ether, Bis(2-(2-Methoxyethoxy)Ethyl)-
Ether, Bis(2-Methoxyethyl)
 x Diethylene Glycol Dimethyl Ether
Ether, Bis(2-Methoxyethyl)-Sodium Borohydride-
Sodium Fluoborate Systems
Ether, Bis(Nonafluorobutyl)
Ether, Chloromethyl Methyl
Ether Extraction Processes
 see *Mallinckrodt Process*
Slurex Process
Solvent Extraction Processes
Solvent Partition
Ether Fires
 xx Fires
Ether-Nitric Acid Systems
Ether, Pentafluoroethyl
 x Perfluoroethyl Ether
Etherates
 see *Aluminum Chloride Etherates*
Aluminum Chlorohydride Etherates
Aluminum Hydride Etherates
Beryllium Chloride Etherates
Sodium Borohydride Etherates
Ethers
 (See also specific ethers, e.g., *Ethyl Ether*)
 see also *Fluoroethers*
Polyphenyl Ethers
 x Glyoxime, Dimethyl- Ethers
Ethers, Alkyl 2,4-Dinitrophenyl
 x 2,4-Dinitrophenyl Ethers
Ethers, Alkyldiphenyl
Ethers, Chlorofluoroalkyl
Ethers, Fluoroalkyl
Ethionine
 x Butyric Acid, α -Amino- γ -Ethylmercapto-
 xx Amino Acids
Ethyl Acetate
 x Acetic Acid, Ethyl Ester
 xx Acetates
Ethyl Acetate-Bromine Systems
 see *Bromine-Ethyl Acetate Systems*
Ethyl Acetate-Hydrochloric Acid Systems
Ethyl Acetate-Methacrylic Acid, Methyl Ester Systems
Ethyl Acetate-Water Systems
Ethyl Acrylate
 see *Acrylic Acid, Ethyl Ester*
Ethyl Alcohol
 see *Ethanol*
Ethyl Benzoate
 see *Benzoic Acid, Ethyl Ester*
Ethyl Carbonate
 see *Carbonic Acid, Diethyl Ester*
Ethyl Cerium Sulfates
 see *Cerium Ethyl Sulfates*
Ethyl Chlorophosphates
 xx Chlorophosphates
Ethyl Dysprosium Sulfates
 see *Dysprosium Ethyl Sulfates*
Ethyl Erbium Sulfates
 see *Erbium Ethyl Sulfates*
Ethyl Ether
 x Diethyl Ether
 Ether
 xx Ethers
Ethyl Ether-Ammonium Nitrate-Nitric Acid-Uranyl Nitrate Systems
 see *Ammonium Nitrate-Ethyl Ether-Nitric Acid-Uranyl Nitrate Systems*
Ethyl Ether-Ammonium Nitrate-Uranyl Nitrate-Water Systems

see *Ammonium Nitrate-Ethyl Ether-Uranyl Nitrate-Water Systems*
Ethyl Ether-Arsenic Chloride Systems
 see *Arsenic Chloride-Ethyl Ether Systems*
Ethyl Ether-Boron Fluoride Systems
 see *Boron Fluoride-Ethyl Ether Systems*
Ethyl Ether-Boron Hydride Systems
 see *Boron Hydride-Ethyl Ether Systems*
Ethyl Ether-Butyl Phosphate Systems
 see *Butyl Phosphate-Ethyl Ether Systems*
Ethyl Ether Complexes
Ethyl Ether-Hydrochloric Acid Systems
Ethyl Ether-Nitric Acid Systems
Ethyl Ether-Thorium Nitrate-Water Systems
Ethyl Ether-Uranium Nitrate-Water Systems
Ethyl Ether-Uranyl Nitrate-Water Systems
Ethyl Ethoxyfluoroborates
 xx Borates
 Fluoborates
Ethyl Europium Sulfates
 see *Europium Ethyl Sulfates*
Ethyl Gadolinium Sulfates
 see *Gadolinium Ethyl Sulfates*
Ethyl Holmium Sulfates
 see *Holmium Ethyl Sulfates*
Ethyl Isocyanide
Ethyl Lanthanum Sulfates
 see *Lanthanum Ethyl Sulfates*
Ethyl Mercaptan
 see *Ethanethiol*
Ethyl Neodymium Sulfates
 see *Neodymium Ethyl Sulfates*
Ethyl Nitrates
 xx Nitrates
Ethyl Peroxide
 xx Peroxides
Ethyl Phosphates
 xx Phosphates
Ethyl Praseodymium Sulfates
 see *Praseodymium Ethyl Sulfates*
Ethyl Propionate
 see *Propionic Acid, Ethyl Ester*
Ethyl Radicals
Ethyl Silicates
 xx Silicates
Ethyl Sulfates
 see also *Cerium Ethyl Sulfates*
Dysprosium Ethyl Sulfates
Erbium Ethyl Sulfates
Europium Ethyl Sulfates
Gadolinium Ethyl Sulfates
Holmium Ethyl Sulfates
Lanthanum Ethyl Sulfates
Neodymium Ethyl Sulfates
Praseodymium Ethyl Sulfates
Promethium Ethyl Sulfates
Samarium Ethyl Sulfates
Terbium Ethyl Sulfates
Thulium Ethyl Sulfates
Ytterbium Ethyl Sulfates
Yttrium Ethyl Sulfates
 xx Sulfates
Ethyl Sulfides
 xx Sulfides
Ethyl Terbium Sulfates
 see *Terbium Ethyl Sulfates*
Ethyl Thulium Sulfates
 see *Thulium Ethyl Sulfates*
Ethyl Ytterbium Sulfates
 see *Ytterbium Ethyl Sulfates*
Ethyl Yttrium Sulfates
 see *Yttrium Ethyl Sulfates*

Ethylamine

Ethylamine, 2-(Benzhydryloxy)-*N,N*-Dimethyl-
x Benadryl

Ethylamine, *N*-Benzyl-*N*-(1-Phenoxyisopropyl)-
β-Chloro-

Ethylamine, 2,2'-Dithiobis-
x Cystamine

Ethylamine-Lithium Systems

Ethylamine, 2-Mercapto-

see Ethanethiol, 2-Amino-

Ethylamine, *N*-Methyl-

Ethylamine, 1,2,2-Triphenyl-

Ethylamines, Diaryl-

Ethylamines, Fluoro-

Ethylene

Ethylene-Argon Systems

see Argon-Ethylene Systems

Ethylene Bromide

see Ethane, 1,2-Dibromo-

Ethylene, Bromo-

Ethylene, Bromotrifluoro-

Ethylene, Bromotriphenyl-

Ethylene, Chloro-

x Vinyl Chloride

Ethylene, 1-Chloro-1-Fluoro-

Ethylene, Chloro- Polymers

xx Polymers

Ethylene, Chlorodifluoro-

Ethylene, Chlorotrifluoro-

Ethylene, Chlorotrifluoro- Polymers

x Fluoroethene

Kel-F

P-10

xx Polymers

Ethylene, Dibromo-

Ethylene, 1,1-Dibromo-2,2-Difluoro-

Ethylene, Dichloro-

Ethylene, Dichloro- Polymers

x Saran

xx Polymers

Ethylene, Difluoro-

Ethylene, Difluoro- Polymers

xx Polymers

Ethylene, Diphenyl-

Ethylene, Fluoro-

x Vinyl Fluoride

Ethylene Glycol

x Glycol

xx Glycols

Ethylene Glycol Polymer Ethers

xx Polymers

Ethylene Glycol Systems

Ethylene Glycol-Water Systems

Ethylene, Hydrofluoro- Polymers

xx Polymers

Ethylene-Hydrogen Systems

Ethylene, Iodo-

x Vinyl Iodide

Ethylene, Iodotriphenyl-

Ethylene, Nitro-

Ethylene Oxide

xx Oxides

Ethylene Oxide-Water Systems

Ethylene-Oxygen Systems

Ethylene-Oxygen-Water Systems

Ethylene Polymer-Boron Carbide Systems

see Boron Carbide-Ethylene Polymer Systems

Ethylene Polymer Coatings

xx Coatings

Ethylene Polymer-Germanium Oxide Systems

Ethylene Polymer-Iron Oxide Systems

Ethylene Polymer-Scandium Oxide Systems

Ethylene Polymer-Uranium Oxide Systems

Ethylene Polymers

x Polythene

xx Plastics

Polymers

Ethylene-Propane Systems

Ethylene Sulfide

x Thiirane

xx Sulfides

Ethylene, Tetrabromo --

Ethylene, Tetrachloro-

Ethylene, Tetrachloro-Butyl Phosphate Systems

see Butyl Phosphate-Ethylene, Tetrachloro- Systems

Ethylene, Tetrafluoro-

Ethylene, Tetrafluoro- Polymer-Uranium Oxide Systems

Ethylene, Tetrafluoro- Polymers

x Teflon

xx Polymers

Ethylene, Tetrakis(4-Dimethylaminophenyl)-

Ethylene, Trichloro-

Ethylene, Trichlorofluoro-

Ethylene, Trifluoro-

Ethylene, Triphenyl-

Ethylenediamine

Ethylenediamine Complexes

Ethylenediamine Tartrates

Ethylenediaminetetraacetic Acid

see Acetic Acid, (Ethylenediamine)Tetra-

Ethylenimine

ETR

see Engineering Test Reactor

ETR-II

see Advanced Test Reactor

Etude

see Stellarators (A-2)

Euglena

EURATOM

see European Atomic Energy Community

European Atomic Energy Community

x EURATOM

Europium

see also Rare Earths

Europium Borates

Europium Borides

Europium Bromate Crystals

xx Bromate Crystals

Europium-Cadmium-Silver Alloys

see Cadmium-Europium-Silver Alloys

Europium Chelates

Europium Chloride Crystals

xx Chloride Crystals

Europium Chlorides

Europium Complexes

Europium Compounds

Europium-Erbium Alloys

see Erbium-Europium Alloys

Europium Ethyl Sulfates

xx Ethyl Sulfates

Europium Ferrates

xx Ferrates

Europium Foils

Europium Hydrides

Europium Ions

Europium-Iridium Alloys

Europium Isotopes

Europium Isotopes Eu¹⁴⁵

Europium Isotopes Eu¹⁴⁶

Europium Isotopes Eu¹⁴⁷

Europium Isotopes Eu¹⁴⁹

Europium Isotopes Eu¹⁵⁰

Europium Isotopes Eu¹⁵¹

Eurpium Isotopes Eu¹⁵²

Eurpium Isotopes Eu¹⁵³

Eurpium Isotopes Eu¹⁵⁴

Eurpium Isotopes Eu¹⁵⁵

Eurpium Isotopes Eu¹⁵⁶

Eurpium Isotopes Eu¹⁵⁷

Eurpium Isotopes Eu¹⁵⁹

Eurpium Isotopes Eu¹⁶⁰

Eurpium—Mercury Alloys

Eurpium Nitrates

see also Zinc Eurpium Nitrates

Eurpium Oxalates

Eurpium Oxide—Chromium—Iron—Nickel Systems

see Chromium—Eurpium Oxide—Iron—Nickel Systems

Eurpium Oxide Compacts

xx Oxide Compacts

Eurpium Oxide—Gadolinium Oxide Systems

Eurpium Oxide—Indium Oxide Systems

Eurpium Oxide—Iron Systems

Eurpium Oxide—Nickel Systems

Eurpium Oxide—Stainless Steel Systems

Eurpium Oxide—Titanium Systems

Eurpium Oxides

Eurpium Oxyfluorides

xx Oxyfluorides

Eurpium Oxsulfides

xx Oxsulfides

Eurpium Selenides

xx Selenides

Eurpium Silicides

Eurpium Steel

xx Steel

Eurpium Sulfates

Eurpium Sulfides

Eurpium—Titanium Alloys

Eurpium Zinc Nitrates

see Zinc Eurpium Nitrates

Eutectics

(See also specific alloys and systems)

xx Phase Studies

Eutectoid Reactions

see Phase Studies

Euxenites

Evans Blue

Evaporation

see also Vaporization

x Concentration

Volatilization

xx Distillation

Vaporization

Evaporators

xx Distillation Apparatus

Evolution

Excer Process

(Process for the preparation of UF₄ from ore leach pulp or depleted fuel elements by ion exchange and electrolytic reduction)

Exchange Processes

see Ion Exchange Processes

Excretion

see also Feces

Pulmonary Excretion

Urine

Exercise

Exhaust Systems

see also Ventilation

xx Ventilation

Exosphere

xx Atmosphere

Expansion

see Dilatometry

Experimental Beryllium Oxide Reactor

see Beryllium Oxide Reactor Experiment

Experimental Boiling Water Reactor

x BER

Boiling Experimental Reactor

EBWR

xx Boiling Reactors

Power Reactors

Experimental Breeder Reactor

x Argonne Fast Reactor

EBR-I

Zinn Fast Reactor

xx Enriched Reactors

Fast Reactors

Liquid Metal Cooled Reactors

Power Breeder Reactors

Research Reactors

Experimental Breeder Reactor-I

see Experimental Breeder Reactor

Experimental Breeder Reactor-II

x EBR-II

xx Fast Reactors

Power Reactors

Experimental Facilities

see Reactor Experimental Facilities

Experimental Gas Cooled Reactor

see also Kaiser Gas Cooled Reactor

xx Gas Cooled Reactors

Power Reactors

Experimental Low-Temperature Process Heat Reactor

(Interior Department—AEC)

x ELPHR

Process Heat Reactor

xx Power Reactors

Pressurized Water Reactors

Experimental Organic Cooled Reactor

x EOOR

OMRE-11

xx Organic Cooled Reactors

Organic Moderated Reactors

Power Reactors

Expired Air

see Breath

Exploding Wire Phenomena

Exploration

see also Geophysical Exploration

Prospecting

xx Prospecting

Explosion Clouds

see also Atomic Clouds

xx Atomic Clouds

Clouds

Explosions

see also Atomic Explosions

Chain Reactions

Detonation Waves

Explosives

High-altitude Explosions

Shaped Charges

Shock Waves

Thermonuclear Explosions

Underground Explosions

Underwater Explosions

xx Atomic Explosions

Detonation Waves

Explosives

Shaped Charges

Explosives

see also Atomic Weapons

Detonators

Explosions

xx Explosions

Exponential Piles

see also Critical Assemblies

(Continued)

see also ORSORT Exponential Pile

- x Piles
 - Subcritical Assemblies
- xx Critical Assemblies

Exposure Chambers

see Atmosphere Exposure Chambers
Blast Exposure Chambers
Radiation Exposure Chambers

Extensometers

see also Strain Gages

- x Meters
- xx Strain Gages

External Combustion Engines

see also Turbines

- x Combustion Engines
 - Engines
 - Steam Engines
- xx Piston Engines

Extraction Apparatus

see also Dissolvers

Ion Exchangers
Mixer-Settlers
Packed Columns
Percolators
Pulse Columns
Scrubbers
Spinner Columns
Spray Columns

- x Centrifugal Contactors
- xx Column Packing
 - Equipment and Procedures
 - Scrubbers

Extraction Processes

see Separation Processes

Extraction Separations

see Solvent Extraction Processes
Solvent Partition

Extracts

see Aspergillus Fumigatus Extracts
Parathyroid Extracts

Extrapolation Chambers

see Ionization Chambers

Extrusion

- x Flaws

Eye Lesions

- x Lesions

Eyes

see also Cataracts
Phosphenes
Vision

- xx Vision

Eyrites

F

FIW

see Naval Reactors (FIW)

F Coefficients

see also Racah Coefficients

F. M. Cyclotrons

see Synchrocyclotrons

Fabrics

see Textiles

Factors

see Constants and Conversion Factors

Fall-Out

see also Fission Products
Sunshine Project

- xx Fission Products
 - Sunshine Project

Faraday Effect

see Magneto-Optical Rotation

Faraday Pump

see Electromagnetic Pumps

Fast Burst Reactor

see ORNL Fast Burst Reactor

Fast Fission

- xx Fission

Fast Neutron Cross Sections

- xx Cross Sections
 - Neutron Cross Sections

Fast Neutron Shielding

- xx Neutron Shielding

Fast Neutrons

- xx Neutrons

Fast Oxide Breeder (FOB)

see KAPL Plutonium Power Breeder Reactor

Fast Reactors

see also Argonne Fast Source Reactor

Dounreay Fast Reactor
Experimental Breeder Reactor
Fermi Fast Breeder Reactor
Los Alamos Fast Reactor
ORNL Fast Burst Reactor
ZEPHYR
ZEUS

- xx Reactors

Fast Source Reactor (Argonne)

see Argonne Fast Source Reactor

Fasteners

- x Zippers

Fatigue

Fatty Acid Complexes

- x Complexes

Fatty Acid Esters

- x Fats

Fatty Acids

(*See also* specific fatty acids, e.g., Linolenic Acid.)

- x Aliphatic Acids
 - Carboxylic Acids
- xx Acids
 - Lipids
 - Organic Acids

Fatty Acids, Fluorinated

FBR

see ORNL Fast Burst Reactor

Feces

- xx Excretion

Fecral

see Aluminum-Chromium-Iron Alloys

Feed Materials

Feed Systems

see Gaseous Diffusion Plant Feed Systems

Feedback Systems

- xx Circuits

Feldspars

- x Microclines

Felix

see High Energy Injection Devices

FER

see Fleet Escort Reactor

Fergusonites

- xx Uranium Minerals

Fermentation

- xx Organic Syntheses

Fermi Fast Breeder Reactor

- x APDA Reactor
 - Dow-Detroit Reactor
 - Enrico Fermi Reactor
 - PRDC Reactor
- xx Fast Reactors
 - Liquid Metal Cooled Reactors
 - Power Breeder Reactors

Fermions

(Elementary particles with nonintegral spins)

see also Electrons

Elementary Particles

Mesons

Neutrinos

Neutrons

Protons

xx Elementary Particles

Fermium

see also Actinides

x Element One Hundred

xx Actinides

Transplutonic Elements

Transuranic Elements

Fermium Isotopes

Fermium Isotopes Fm²⁴⁸

Fermium Isotopes Fm²⁴⁹

Fermium Isotopes Fm²⁵⁰

Fermium Isotopes Fm²⁵¹

Fermium Isotopes Fm²⁵²

Fermium Isotopes Fm²⁵³

Fermium Isotopes Fm²⁵⁴

Fermium Isotopes Fm²⁵⁵

Fermium Isotopes Fm²⁵⁶

Fernandinites

xx Vanadium Minerals

Femico

see Cobalt-Iron-Nickel Alloys

Ferns

xx Plants

Ferrates

see also Aluminum Ferrates

Calcium Ferrates

Chloroferrates

Cobalt Ferrates

Dyprosium Ferrates

Erbium Ferrates(III)

Europium Ferrates

Fluoferrates

Gadolinium Ferrates(III)

Holmium Ferrates

Lanthanum Ferrates

Lithium Ferrates

Lutetium Ferrates

Magnesium Ferrates (III)

Manganese Ferrates

Neodymium Ferrates

Nickel Ferrates(III)

Potassium Ferrates(VI)

Praseodymium Ferrates

Rare Earth Ferrates(III)

Sodium Ferrates

Terbium Ferrates

Thulium Ferrates

Ytterbium Ferrates

Yttrium Ferrates

Zinc Ferrates(III)

xx Iron Compounds

Ferric Compounds

see Iron(III) Compounds

Ferricyanides

see Iron Cyanides

Ferriin

Ferrites

xx Iron Compounds

Ferritic Stainless Steel

see Stainless Steel (Ferritic)

Ferritin

Ferrocenes

xx Cyclopentadienyl Compounds

Iron, Biscyclopentadienyl-

Ferrocyanides

see Iron Cyanides

Ferroelectric Materials

see Seignetteoelectric Materials

Ferroin

x Complexes

1,10-Phenanthroline, Iron(II) Salts

xx Iron(II) Complexes

1,10-Phenanthroline

Ferromagnetic Materials

see also Antiferromagnetic Materials

xx Antiferromagnetic Materials

Magnetic Materials

Ferron

see 5-Quinolinesulfonic Acid, 8-Hydroxy-7-Iodo-

Ferrous Compounds

see Iron(II) Compounds

Fertilizers

Fervanites

xx Vanadium Minerals

Fetuses

see also Embryos

xx Embryos

FFAG Accelerators

x Fixed-Field Alternating-Gradient Accelerators

xx Accelerators

Fiberglas

see Glass Textiles

Fibers

see Quartz Fibers

Fibrin

Fibrinogen

Fibrinolysis

Field Emission Microscopes

xx Electron Microscopes

Field Emission Microscopy

xx Microscopy

Field Fortifications

(Including foxholes as well as field shelters and similar fortifications)

x Fortifications

Foxholes

Protective Construction

xx Shelters

Field Laboratories

x Radiological Field Laboratories

xx Laboratories

Field Theory

see also Quantum Electrodynamics

xx Quantum Electrodynamics

Figure of Merit

see Q

Filaments

see Electron Sources

Film Badge

see Photographic Film Detectors

Film Cooling

see also Sweat Cooling

x Cooling

Film Detectors

see Photographic Film Detectors

Plastic-Film Detectors

Film Meters

see Photographic Film Detectors

Films

(See also headings for the classes of films, e g , Oxide Films for the lists of specific films included in each class, see also elemental films, e g , Copper Films)

see also Adsorbed Films

Alkali Metal Halide Films

Corrosion Films

Dielectric Films

Fluoride Films

(Continued)

see also **Lithium Carbonate Films**

Membranes

Metallic Films

Methane Films

Molecular Films

Motion-Picture Films

Oxide Films

Photographic Films

Plastic Films

Stearic Acid Films

Sulfide Films

xx **Adsorbed Films**

Foils

Membranes

Sheets

Filter Aids

xx **Fuller's Earth**

Filter Materials

(See also specific filter materials, e g , Asbestos, Filter Papers, Glass Wool, and Sands)

see also **Metallic Filters**

xx **Adsorbents**

Filter Papers

see also **Filters**

xx **Filter Materials**

Paper

Filters

see also **Aluminum Oxide Filters**

Electronic Filters

Gas Mask Canisters

Glass Filters

Glass Wool Filters

Magnetic Filters

Membrane Filters

Metallic Filters

Monochromators

Optical Filters

Oxide Filters

Screens

Strainers

Traps

Tungsten Filters

Water Purification Equipment

x **Collective Protectors**

Separators

xx **Filter Papers**

Gas Mask Canisters

Particle Collectors

Screens

Strainers

Traps

Filters (Impregnated)

xx **Impregnation**

Filtration

xx **Analysis**

Finned Tubes

x **Fins**

xx **Tubes**

Fins

see **Finned Tubes**

FIR

see **Food Irradiation Facilities**

Fire-Ball Reactor

see **Aircraft Reactors**

Fire Extinguishing Agents

Fireproofing

x **Flameproofing**

Fires

see also **Ether Fires**

Plutonium Fires

Potassium-Sodium Alloy Fires

Fischer-Tropsch Synthesis

x **Synthesis**

Fish

Fission

see also **Capture-To-Fission Ratios**

Chain Reactions

Fast Fission

Multiplication Factor

Nuclear Reactions

Photofission

Proton Fission

Spallation

Spontaneous Fission

x **Neutron Fission**

xx **Nuclear Reactions**

Fission Chambers

(Apparatus for the determination of fissionable isotopes by measuring the ionizing effect of the fission fragments resulting from exposure of the unknown material to a known neutron source For similar devices used for the detection of neutrons see also Ionization Chambers)

xx **Fission-Counting Analysis**

Radiation Detectors

Fission-Counting Analysis

see also **Fission Chambers**

xx **Analysis**

Fission Cross Sections

see **Neutron Fission Cross Sections**

Fission Fragments

see **Fission Products**

Fission Products

(See also isotopes of the specific elements produced by fission)

see also **Fall-Out**

Photofission Products

Radioisotopes

Spallation Products

xx **Fall-Out**

Radioisotopes

Spallation Products

Fission Products (Short-Lived)

x **Short-Lived Fission Products**

Fission Recoils

xx **Recoil Ions**

Fission Sources

see **Neutron Sources**

Fissionable Material

(See also specific fissionable materials)

see also **SF Materials Accounting**

Fittings

see **Pipe Fittings**

Fixation

see **Nitrogen Fixation**

Fixed-Field Alternating-Gradient Accelerators

see **FFAG Accelerators**

Flame Cutting

x **Cutting**

Flameproofing

see **Fireproofing**

Flames

Flanges

see also **Pipe Joints**

Flash Burns

see **Burns**

Flavanone

x **1 4-Benzopyrone, 2,3-Dihydro-2-Phenyl-**

Flavanones

Flavanic Acid

x **1-Naphthol-7-Sulfonic Acid, 2,4-Dinitro-**

Flavones

Flavonoids

(See also specific flavonoids, e g , Rutin)

Flavonols

Flaws

see *Fluorescent Penetrant Inspection*
Magnetic Particle Inspection
Materials Testing
Sonic Inspection

Fleet Escort Reactor

x FER
 xx Naval Reactors
 Organic Moderated Reactors
 Power Reactors

Flint

see *Quartz*
Silicon Oxides

Flint Glass

xx Glass

Flocculation

Floods

see also *Surface Waters*
 xx *Surface Waters*

Florida Leached Zone Material

x Bartow Clay
 Leached Zone Material

Florida Power Reactor

(East Central Nuclear Group—Florida West Coast Nuclear Group)
 x Florida West Coast Reactor
 xx Gas Cooled Reactors
 Heavy Water Reactors
 Power Reactors

Florida West Coast Nuclear Group Reactor

see *Florida Power Reactor*

Florida West Coast Reactor

see *Florida Power Reactor*

Flotation

Flotation Reagents

(See also specific compounds used for flotation)

see also *Surface-Active Agents*

x Reagents
 xx Surface-Active Agents

Flow

see *Compressible Flow*
Convection
Fluid Flow
Incompressible Flow
Plastic Flow
Subsonic Flow
Supersonic Flow
Transonic Flow

Flow Counter

see *Proportional Detectors*

Flowable Solids Reactor

xx Fluid Fuel Reactors
 Power Reactors

Flowmeters

see also *Fluid Flow*
Gas Flow
Liquid Flow
Rotameters
 x Electromagnetic Flowmeters
 Meters

Fluid Flow

(See also specific devices such as Heat Exchangers for fluid flow information as applied to the design and operation thereof.)

see also *Compressible Flow*
Convection
Gas Flow
Incompressible Flow
Liquid Flow
Plastic Flow
Subsonic Flow
Supersonic Flow
Transonic Flow

x Flow

xx Aerodynamics

Flowmeters
 Friction
 Plastic Flow
 Pressure Drop

Fluid Flow (Laminar)

x Laminar Flow
 Viscous Flow

Fluid Flow (Turbulent)

x Turbulent Flow

Fluid Fuel Reactors

see also *Aircraft Reactor Experiment*

Aircraft Reactor Experiment (LM-FP)
Aircraft Reactor Test
ANP Reactor (LM-FP)
Armour Dust Fueled Reactor
Flowable Solids Reactor
Liquid Metal Fuel Reactor
Los Alamos Molten Plutonium Reactor Experiment
Molten Salt Reactor Experiment

x Circulating Fuel Reactors
 Fluidized Powder Reactors
 Liquid Fuel Reactors
 Vapor-Slurry Reactors

xx Homogeneous Reactors

Fluid Fuels Testing Reactor (FFTR)

see *Research Reactors*

Fluid Pressure Bonding

see *Bonding*

Fluid Propellants

see also *Jet Engine Fuels*
Solid Propellants

x Propellants
 Rocket Fuels
 xx Fuels
 Jet Engine Fuels

Fluidization

Fluidized Powder Reactors

see *Fluid Fuel Reactors*

Fluids

(See also fluids by type, and specific fluids)

see also *Body Fluids*
Hydraulic Fluids
Liquids
 xx *Hydraulics*
Liquids

Fluoaluminates

see also *Ammonium Fluoaluminates*
Copper Fluoaluminates
Lithium Fluoaluminates
Sodium Fluoaluminates
 xx *Aluminates*

Fluoantimonates

see also *Potassium Fluoantimonates*
Sodium Fluoantimonates
Thallium Fluoantimonates
 xx *Antimonates*

Fluoberyllate Ions

xx Beryllate Ions

Fluoberyllates

see also *Ammonium Fluoberyllates*
Cesium Fluoberyllates
Lithium Fluoberyllates
Potassium Fluoberyllates
Sodium Fluoberyllates
 xx *Beryllates*

Fluobismuthates

see also *Ammonium Fluobismuthates*
 xx *Bismuthates*

Fluoborates

see also *Alkali Metal Fluoborates*
Alkaline Earth Fluoborates
Ammonium Fluoborates

(Continued)

see also Ethyl Ethoxyfluoborates
Potassium Fluoborates
Rubidium Fluoborates
Silver Fluoborates
Sodium Fluoborates •

xx Borates

Fluoboric Acid

xx Boric Acid

Fluocadmates

see also Ammonium Fluocadmates

Fluochlorates

see also Nickel Fluochlorates
Strontium Fluochlorates
Zinc Fluochlorates

xx Chlorates

Fluochromates

see also Potassium Fluochromates

xx Chromates

Fluocobaltates

see also Ammonium Fluocobaltates

xx Cobaltates

Fluocuprates

see also Ammonium Fluocuprates

xx Cuprates

Fluoferrates

see also Ammonium Fluoferrates
Sodium Fluoferrates

xx Ferrates

Fluogermanates

see also Ammonium Fluogermanates

xx Germanates

Fluoindates

see also Ammonium Fluoindates

Fluoiridates

xx Iridates

Fluomanganates

see also Cesium Fluomanganates(II)
Chromium Fluomanganates(III)

xx Manganates

Fluomolybdates

see also Ammonium Fluomolybdates
Potassium Fluomolybdates

xx Molybdates

Fluonickelates

see also Ammonium Fluonickelates
Potassium Fluonickelates

xx Nickelates

Fluoniobates

see also Potassium Fluoniobates

xx Niobates

Fluoösmates

xx Osmates

Fluophosphates

see also Ammonium Fluophosphates
Cesium Fluophosphates
Potassium Fluophosphates
Sodium Fluophosphates
Thorium Fluophosphates

xx Phosphates

Fluophosphoric Acid

xx Acids
 Phosphoric Acid

Fluophosphoric Acid, Diethyl Ester

Fluophosphoric Acid, Diisopropyl Ester

Fluophosphoric Acid, Dimethyl Ester

Fluophosphoric Acid Esters

xx Phosphoric Acid Esters

Fluoplatinates

xx Platinates

Fluoplatinic Acid

xx Acids
 Platinum Compounds

Fluoranthenes

Fluorapatites

see Apatites

Fluorenamine

x Fluorene, Amino-

Fluorene

Fluorene, Amino-

see Fluorenamine

Fluorene, 9-Formyl-

2-Fluorene-carboxylic Acid

9-Fluorene-methanols

x Carbinol, 3-Methyl-9-Fluorenyl-
 Methanol, Fluorenyl-

Fluorenes

Fluorenonones

Fluorescein

Fluorescein, Dichloro-

Fluorescein, Diiodo-

Fluorescein, Diiodo-, Sodium Derivatives

x Sodium Derivatives

Fluorescein, Octolodo-

Fluorescein, Sodium Derivatives

x Sodium Derivatives

Fluorescein, Tetrabromo-

see Eosin

Fluorescein, Tetraiodo-

see Erythrosin

Fluorescence

see also Luminescence

Phosphorescence

Scintillation

xx Luminescence

Phosphorescence

Fluorescent Penetrant Inspection

x Flaws

Inspection

Penetrant Inspection

Surface Defects

Fluoride Addition Compounds

see also Boron Fluoride Addition Compounds

Fluoride Complexes

see also Alkali Metal Fluoride Complexes

Bismuth Oxyfluoride Complexes

Boron Fluoride Complexes

Cobalt(III) Fluoride Complexes

Iron Fluoride Complexes

Lithium Fluoride Complexes

Oxyfluoride Complexes

Scandium Fluoride Complexes

Thorium Fluoride Complexes

Tin Fluoride Complexes

Uranium(VI) Fluoride Complexes

Uranyl Fluoride Complexes

x Complexes

Metal Fluoride Complexes

Fluoride Crucibles

see also Calcium Fluoride Crucibles

Magnesium Fluoride Crucibles

Fluoride Crystals

see also Barium Fluoride Crystals

Cadmium Fluoride Crystals

Calcium Fluoride Crystals

Cesium Fluoride Crystals

Cobalt Fluoride Crystals

Lead Fluoride Crystals

Lithium Fluoride Crystals

Manganese Fluoride Crystals

Potassium Fluoride Crystals

Rubidium Fluoride Crystals

Sodium Fluoride Crystals

Strontium Fluoride Crystals

xx Crystals

Fluoride Films*see also* Magnesium Fluoride Films

xx Films

Fluoride Ions*see also* Acid Fluoride Ions**Fluoride Powders***see also* Calcium Fluoride Powders

xx Powders

Fluoride Volatility Processes*(Gaseous or non-aqueous processes)*

x Argonne Fluoride Volatility Process

Chlorine Trifluoride Process

CTF Process

Dry Fluorination Separations

Processes

xx Fluorination

Separation Processes

Volatility Separation Processes

Fluorides*(See also fluorides and acid fluorides of specific elements.)**see also* Alkali Metal Fluorides

Alkaline Earth Fluorides

Alkyl Fluorides

Ammonium Fluorides

Carbonyl Chloride Fluoride

Carbonyl Fluoride

Chromyl Fluorides

Fluoborates

Fluorine Compounds

Formyl Fluorides

Halogen Fluorides

Neptunyl Fluorides

Nitrosyl Fluorides

Nitril Fluorides

Oxyfluorides

Perchloryl Fluorides

Potassium Acid Fluorides

Pyrosulfuryl Fluoride

Rare Earth Fluorides

Sulfuryl Fluoride

Thiophosphoryl Fluoride

Uranyl Fluorides

Zirconyl Fluorides

x Acid Fluorides

xx Halides

Fluorides (Liquid)**Fluorimeters***see also* Fluorometry

x Meters

Fluorination*see also* Fluoride Volatility Processes

Hydrofluorination

Fluorine*see also* Halogens**Fluorine (Liquid)****Fluorine Chlorates****Fluorine Compounds***see also* Chemical Warfare Agents

xx Fluorides

Fluorine Generators

xx Generators

Fluorine Ions**Fluorine Isotopes****Fluorine Isotopes F¹⁸****Fluorine Isotopes F¹⁷****Fluorine Isotopes F¹⁸****Fluorine Isotopes F¹⁹****Fluorine Isotopes F²⁰****Fluorine Isotopes F²¹****Fluorine Oxides***see* Oxygen Fluorides**Fluorine—Oxygen Systems****Fluorites***see* Calcium Fluorides

Fluorspars

Fluoroaromatic Compounds

xx Hydroaromatic Compounds

Fluorocarbon—Hydrocarbon Systems**Fluorocarbon Polymers**

xx Polymers

Fluorocarbons*(Compounds containing only C and F, see also specific compounds)*

x Carbon Fluorides

xx Fluoroorganic Compounds

Fluorochlorolube Oil*see also* Fluorolube Oil

x Fluoroorganic Compounds

xx Fluorolube Oil

Lubricants

Oils

Fluoroesters**Fluoroethers**

xx Ethers

Fluoroform

x Methane, Trifluoro-

Fluorohalocarbon Polymers

xx Polymers

Fluorohalocarbons*(Compounds containing only C, F, and other halogens, see also specific compounds)*

xx Freons

Halocarbons

Fluorohalohydrocarbons*(Compounds containing only C, H, F, and other halogens, see also specific compounds)*

xx Freons

Halohydrocarbons

Fluorohydrocarbon Polymers

xx Polymers

Fluorohydrocarbons*(Compounds containing only C, H, and F, see also specific compounds)*

x Hydrocarbons, Fluoro-

Fluorolube Oil*see also* Fluorochlorolube Oil

xx Fluorochlorolube Oil

Lubricants

Oils

Fluorometry

xx Analysis

Fluorimeters

Fluorones*see* Xanthenones**Fluoroorganic Acids**

xx Organic Acids

Fluoroorganic Compounds*see also* Fluorocarbons

Fluorochlorolube Oil

Perfluoroorganic Compounds

xx Haloorganic Compounds

Fluoroorganic Compounds, Oxygenated**Fluoroorganic Polymers**

xx Polymers

Fluorophotometers

xx Photometers

Fluorophotometry

xx Analysis

Fluoroscopes*see* X-Ray Equipment**Fluorothene***see* Ethylene, Chlorotrifluoro- Polymers**Fluorox Process***(Process for the preparation of UF₆ from concentrated solutions and solids)*

x Processes

Fluors

- see* Phosphors
Scintillation Detectors

Fluorspars

- see also* Calcium Fluorides
x Fluorites
xx Calcium Fluorides
Uranium Ores

Fluoruthenates

- see also* Barium Fluoruthenates
Calcium Fluoruthenates
Cesium Fluoruthenates
Potassium Fluoruthenates
Silver Fluoruthenates
Strontium Fluoruthenates
Thallium Fluoruthenates

xx Ruthenates

Fluosilicates

- see also* Ammonium Fluosilicates
Calcium Fluosilicates
Cobalt(II) Fluosilicates
Lanthanum Fluosilicates
Manganese Fluosilicates
Sodium Fluosilicates

xx Silicates

Fluosilicic Acid

xx Acids

Fluostannates

- see also* Ammonium Fluostannates
xx Stannates

Fluosulfonic Acid

xx Sulfonic Acids

Fluotantalates

- see also* Potassium Fluotantalates
Sodium Fluotantalates

xx Tantalates

Fluothorates

- see also* Ammonium Fluothorates
xx Thorates

Fluotitanates

- see also* Lithium Fluotitanates
Potassium Fluotitanates

xx Titanates

Fluouranates

- see also* Sodium Fluouranates
xx Uranates

Fluozirconates

- see also* Ammonium Fluozirconates
Barium Fluozirconates
Potassium Fluozirconates
Zinc Fluozirconates

xx Zirconates

Flurex Process**Flux Trap Reactors**

(*See* reactors defined by neutron energy, e.g., Thermal Reactors)

Fluxmeters

- x Meters
xx Magnetic Fields

Foams

see Metallic Foams

Focusing

see Alternating-Gradient Focusing

Fog

xx Aerosols

Fog-cooled Reactors

see Water Cooled Reactors

Foil Detectors

see Metal-Foil Detectors
Plastic-Film Detectors

Foils

(*See also* specific foils in the form Copper Foils)

see also Airfoils

Films

Hydrofoils

Metallic Foils

Thorium Oxide Foils

xx Sheets

Folic Acid

- x Pteroylglutamic Acid
xx Vitamin B₉

Folinic Acid

x Citrovorum Factor

Fontenay-aux-Roses Reactors

x French Reactors

Fontenay-aux-Roses Reactors (Triton)

- x Triton Reactor
xx Research Reactors
Swimming Pool Reactors

Food

see also Diet

xx Diet

Food Irradiation Facilities

- x A-1 Reactor
FIR
xx Irradiation Facilities
Research Reactors

Forced Convection

see Convection (Forced)

Ford Reactor

see Michigan Research Reactor

Forests

see also Trees

Forging**Formaldehyde**

- x Methanal
Methane, Oxo-

Formaldehyde Polymers

xx Polymers

Formals

see Acetals

Formamide**Formamide, N,N-Dimethyl-****Formamide, N, N, -Dimethyl--Boron Fluoride Systems**

see Boron Fluoride-Formamide, N, N, -Dimethyl- Systems

Formamide, N,N-Dimethyl- - Sodium Borohydride Systems**Formamide, N-Methyl-****Formamidine****Formates**

see also Ammonium Formates

- Cerium Formates
Lanthanum Formates
Mercury Formates
Nickel Formates
Potassium Formates
Sodium Formates
Thorium Formates

Formic Acid

x Methanoic Acid

Formic Acid, Azidodithio-**Formic Acid-Copper Sulfate-Iron Sulfate-Sulfuric Acid Systems**

see Copper Sulfate-Formic Acid-Iron Sulfate-Sulfuric Acid Systems

Formic Acid-Iron(II) Sulfate-Oxygen Systems**Formic Acid-Oxygen Systems****Formic Hydrogenlyase****Formyl Fluorides**

xx Fluorides

Formylformic Acid

see Glyoxylic Acid

Fortifications

see Field Fortifications
Structures

Fossils

xx Archeological Specimens
 Fourier Analysis
 see Harmonic Analysis
Fourier Transforms
 xx Mathematics
Fourmarierites
 xx Uranium Minerals
Fowls
 (See also specific fowls, e.g., Chickens)
 see also Birds
Foxholes
 see Field Fortifications
Fracture Tests
Fractures
 see Bone Fractures
Francium
 see also Alkali Metals
 x Virginium
Francium Bromides
Francium Chlorides
Francium Compounds
Francium Fluorides
Francium Iodides
Francium Isotopes
Francium Isotopes Fr²¹¹
Francium Isotopes Fr²¹²
Francium Isotopes Fr²¹³
Francium Isotopes Fr²¹⁷
Francium Isotopes Fr²¹⁸
Francium Isotopes Fr²¹⁹
Francium Isotopes Fr²²⁰
Francium Isotopes Fr²²¹
Francium Isotopes Fr²²²
Francium Isotopes Fr²²³
 x Actinium Isotopes (Ack)
Francium Isotopes Fr²²⁴
Francium Isotopes Fr²²⁵
Free Convection
 see Convection (Free)
Free Radicals
 x Alkyl Radicals
 xx Radicals
Freeze Jackets
French Reactors
 see Chinon Reactors
 Fontenay-aux-Roses Reactors
 Grenoble Reactors
 Marcoule Reactors
 Saclay Reactors
 ZOE Reactor
Freon 11
 see Methane, Trichlorofluoro-
Freon 12
 see Methane, Dichlorodifluoro-
Freon 22
 see Methane, Chlorodifluoro-
Freon 113
 see Ethane, Trichlorotrifluoro-
Freon 114
 see Ethane, 1,2-Dichloro-1,1,2,2-Tetrafluoro-
Freons
 (See also specific compounds by name)
 see also Fluorohalocarbons
 Fluorohalohydrocarbons
Frequency Analyzers
 x Analyzers
Frequency Converters
 x Converters
Frequency Meters
 x Meters
Frequency-Modulated Cyclotrons
 see Synchrocyclotrons

Frequency Modulation
 x Modulation
Frequency Modulation Receivers
 x Modulation Receivers
 Receivers
Frequency Regulators
 x Regulators
Fretting Corrosion
 xx Corrosion
Fretting-Corrosion Inhibitors
 x Inhibition
 xx Corrosion Inhibitors
Friction
 see also Abrasion
 Fluid Flow
 Gas Flow
 Internal Friction
 Liquid Flow
 Surface Friction
Friedel-Crafts Reactions
 x Reactions
Frits
 (See also specific materials)
Frogs
Frost Tests
 see Materials Testing
Frostbite
Fructose
 xx Monosaccharides
Fructose Phosphates
 xx Phosphates
 Sugar Phosphates
Fruit Flies
 see Drosophila
Fruits
FSR
 see Argonne Fast Source Reactor
FSR
 see Flowable Solids Reactor
Fuel Alloys
 see Reactor Fuel Alloys
Fuel Alloys (Liquid)
 see Reactor Fuel Alloys (Liquid)
Fuel Cells
 x Direct Energy Conversion Devices
Fuel Disks
 see Reactor Fuel Disks
Fuel Elements
 see Long Cartridges
 Reactor Fuel Elements
 Slug Elements
Fuel Element Test Reactor (FETR)
 see Research Reactors
Fuel Injectors
 x Injectors
Fuel Pins
 see Reactor Fuel Pins
Fuel Plates
 see Reactor Fuel Plates
Fuel Rods
 see Reactor Fuel Rods
Fuel Salts
 see Reactor Fuels (Fused Salts)
Fuel Sheets
 see Reactor Fuel Sheets
Fuel Slurries
 see Reactor Slurries
Fuel Solutions
 see Reactor Solutions
Fuel Systems
 see Reactor Fuel Systems
Fuel Tubes
 see Reactor Fuel Tubes

Fuel Wires

see **Reactor Fuel Wires**

Fuels

(*See also* **fuels by name**)

see also **Fluid Propellants**

Jet Engine Fuels

Reactor Fuels

Solid Propellants

Fuller's Earth

see also **Diatomaceous Earth**

Filter Aids

x **Earths**

Fulvene

x **Cyclopentadiene, 5-Methylene-**

Fumarates**Fumaric Acid**

xx **Organic Acids**

Fumaric Acid, Diethyl Ester**Fuming Sulfuric Acid**

see **Sulfuric Acid (Fuming)**

Fungi

xx **Molds**

Fungicides**Funnels****2-Furaldehyde—Water Systems****Furaldehydes****Furan****Furan, Octafluorotetrahydro-**

x **Perfluorotetramethylene Oxide**

Furans**Furfuryl Alcohols** **α -Furil Dioxime****Furnaces**

(*Including* **devices using conduction, radiation, etc**)

see also **Atmospheres**

Electric Arc Furnaces

Heaters

Incinerators

Induction Furnaces

Kilns

Ovens

Resistance Furnaces

Solar Furnaces

Vacuum Furnaces

x **Electric Furnaces**

xx **Heat Treatment**

Heaters

Induction Furnaces

Kilns

Melting

Ovens

Furniture

see also **Household Furnishings**

Laboratory Furniture

Fused Hydroxide Fuels

see **Reactor Fuels (Fused Hydroxides)**

Fused Salt Extraction Processes

see **High Temperature Separation Processes**

Fused Salt Fuels

see **Reactor Fuels (Fused Salts)**

Fused Salt—Liquid Metal Systems

xx **Metals (Liquid)**

Fused Salts

(*See also* **specific compounds and systems**)

xx **Salts**

Fused Silica

see **Silicon Oxides (Fused)**

Fuses

(*Electrical fuses only* *For ordnance fuzes see* **Fuzes** *For reactor fuses containing a nuclear poison for reactivity excursion control*

see **Reactor Control Elements**)

xx **Fuzes**

Fusion

see **Heat of Fusion**

Melting

Thermonuclear Reactions

Fusion Analysis

see **Vacuum Fusion Analysis**

Fuzes

(*Ordnance fuzes only* *For electrical fuses see* **Fuses** *For reactor fuses containing a nuclear poison for reactivity excursion control*

see **Reactor Control Elements**)

xx **Fuses**

G**G-1 Reactor**

see **Marcoule Reactors (G-1)**

G-2 Reactor

see **Marcoule Reactors (G-2)**

G 3 Reactor

see **Marcoule Reactors (G-3)**

Gabbros

xx **Igneous Rocks**

Gadolinites**Gadolinium**

see also **Rare Earths**

Gadolinium Acetates

xx **Acetates**

Gadolinium Acetylacetonates

xx **Acetylacetonates**

Gadolinium Alloys**Gadolinium Aluminates**

xx **Aluminates**

Gadolinium—Aluminum Alloys

see **Aluminum—Gadolinium Alloys**

Gadolinium Aluminum Sulfides

see **Aluminum Gadolinium Sulfides**

Gadolinium—Antimony Alloys

see **Antimony—Gadolinium Alloys**

Gadolinium Arsenides**Gadolinium—Beryllium Alloys**

see **Beryllium—Gadolinium Alloys**

Gadolinium—Bismuth Alloys

see **Bismuth—Gadolinium Alloys**

Gadolinium Borates**Gadolinium Borides**

xx **Borides**

Gadolinium—Boron—Nickel Systems

see **Boron—Gadolinium—Nickel Systems**

Gadolinium Bromides**Gadolinium—Cadmium Alloys**

see **Cadmium—Gadolinium Alloys**

Gadolinium Carbide—Beryllium Compacts

see **Beryllium—Gadolinium Carbide Compacts**

Gadolinium Carbide Compacts

xx **Carbide Compacts**

Gadolinium Carbides**Gadolinium Chelates****Gadolinium Chlorides****Gadolinium—Chromium Alloys**

see **Chromium—Gadolinium Alloys**

Gadolinium—Chromium—Iron Alloys

see **Chromium—Gadolinium—Iron Alloys**

Gadolinium—Chromium—Iron—Nickel Alloys

see **Chromium—Gadolinium—Iron—Nickel Alloys**

Gadolinium—Cobalt Alloys

see **Cobalt—Gadolinium Alloys**

Gadolinium Complexes**Gadolinium Compounds****Gadolinium—Copper Alloys**

see **Copper—Gadolinium Alloys**

Gadolinium Crystals

Gadolinium-Erbium Alloys*see Erbium-Gadolinium Alloys***Gadolinium Ethyl Sulfates**xx Ethyl Sulfates
Gadolinium Sulfates**Gadolinium Ferrates(III)**

xx Ferrates

Gadolinium Ferrites

xx Ferrites

Gadolinium Ferrocyanides

xx Iron Cyanides

Gadolinium Fluorides**Gadolinium Gallates**

xx Gallates

Gadolinium-Gallium Alloys**Gadolinium-Germanium Alloys****Gadolinium-Gold Alloys****Gadolinium Hydrides***see also Gadolinium-Hydrogen Systems***Gadolinium-Hydrogen Systems**

xx Gadolinium Hydrides

Gadolinium-Hydrogen-Titanium Systems**Gadolinium Hydroxides****Gadolinium-Indium Alloys****Gadolinium Iodides****Gadolinium Ions****Gadolinium-Iridium Alloys****Gadolinium-Iron Alloys****Gadolinium Isotopes****Gadolinium Isotopes Gd¹⁴⁵****Gadolinium Isotopes Gd¹⁴⁶****Gadolinium Isotopes Gd¹⁴⁷****Gadolinium Isotopes Gd¹⁴⁸****Gadolinium Isotopes Gd¹⁴⁹****Gadolinium Isotopes Gd¹⁵⁰****Gadolinium Isotopes Gd¹⁵¹****Gadolinium Isotopes Gd¹⁵²****Gadolinium Isotopes Gd¹⁵³****Gadolinium Isotopes Gd¹⁵⁴****Gadolinium Isotopes Gd¹⁵⁵****Gadolinium Isotopes Gd¹⁵⁶****Gadolinium Isotopes Gd¹⁵⁷****Gadolinium Isotopes Gd¹⁵⁸****Gadolinium Isotopes Gd¹⁵⁹****Gadolinium Isotopes Gd¹⁶⁰****Gadolinium Isotopes Gd¹⁶¹****Gadolinium-Lanthanum Alloys****Gadolinium-Lead Alloys****Gadolinium-Magnesium Alloys****Gadolinium Manganates**

xx Manganates

Gadolinium-Manganese Alloys**Gadolinium-Mercury Alloys****Gadolinium Minerals****Gadolinium-Nickel Alloys****Gadolinium Nitrate Crystals**

xx Nitrate Crystals

Gadolinium Nitrates**Gadolinium Nitrides****Gadolinium Ores**

xx Ores

Gadolinium-Osmium Alloys**Gadolinium-Osmium-Yttrium Alloys****Gadolinium Oxalates****Gadolinium Oxide-Aluminum Oxide Systems***see Aluminum Oxide-Gadolinium Oxide Systems***Gadolinium Oxide-Beryllium Compacts***see Beryllium-Gadolinium Oxide Compacts***Gadolinium Oxide-Beryllium Oxide Systems***see Beryllium Oxide-Gadolinium Oxide Systems***Gadolinium Oxide-Cerium Oxide Systems***see Cerium Oxide-Gadolinium Oxide Systems***Gadolinium Oxide Compacts**

xx Oxide Compacts

Gadolinium Oxide Crucibles

xx Oxide Crucibles

Gadolinium Oxide-Europium Oxide Systems*see Europium Oxide-Gadolinium Oxide Systems***Gadolinium Oxide-Iron Oxide Systems****Gadolinium Oxide-Neodymium Oxide Systems****Gadolinium Oxide-Nickel-Samarium Oxide Systems****Gadolinium Oxide-Nickel Systems****Gadolinium Oxide-Niobium Systems****Gadolinium Oxide-Samarium Oxide Systems****Gadolinium Oxide-Silicon Oxide Systems****Gadolinium Oxide-Stainless Steel Systems****Gadolinium Oxide-Titanium Compacts (Clad)****Gadolinium Oxide-Titanium Oxide Systems****Gadolinium Oxide-Titanium Systems****Gadolinium Oxide-Zirconium Oxide Systems****Gadolinium Oxide-Zirconium Systems****Gadolinium Oxides****Gadolinium Oxyfluorides**

xx Oxyfluorides

Gadolinium OxyseLENIDES

xx OxyseLENIDES

Gadolinium OxySulfides

xx OxySulfides

Gadolinium-Palladium Alloys**Gadolinium Phosphides**

xx Phosphides

Gadolinium-Platinum Alloys**Gadolinium-Rhodium Alloys****Gadolinium-Ruthenium Alloys****Gadolinium Selenides****Gadolinium Silicides****Gadolinium-Silver Alloys****Gadolinium Steel**

xx Steel

Gadolinium Sulfates*see also Gadolinium Ethyl Sulfates***Gadolinium Sulfides***see also Aluminum Gadolinium Sulfides***Gadolinium Systems****Gadolinium Tellurides**

xx Tellurides

Gadolinium-Thallium Alloys**Gadolinium-Thorium Alloys****Gadolinium-Titanium Alloys****Gadolinium-Titanium-Vanadium Alloys****Gadolinium-Yttrium Alloys****Gadolinium Yttrium Ferrates**

xx Yttrium Ferrates

Gadolinium-Zinc Alloys**Gadolinium-Zirconium Alloys****Gages***see also Displacement Gages*

Pressure Gages

Slope Gages

Strain Gages

Thickness Gages

Vacuum Gages

Galactose**Galacturonic Acid****Galenas***see also Lead Sulfides*

xx Lead Ores

Lead Sulfides

Gall Bladder

xx Bladder

Gallates*see also Cadmium Gallates*

Chlorogallates

Dysprosium Gallates

(Continued)

see also Erbium Gallates

Gadolinium Gallates

Lanthanum Gallates

Lithium Gallates

Neodymium Gallates

Polonium Gallates

Potassium Gallates

Praseodymium Gallates

Rare Earth Gallates

Sodium Gallates

Ytterbium Gallates

Yttrium Gallates

Gallic Acid

x Benzoic Acid, 3,4,5-Trihydroxy-

xx Acids

Gallides

see Gallium Alloys

Galling

Gallium

Gallium (Liquid)

Gallium Alloys

x Gallides

Gallium Alloys (Liquid)

Gallium-Aluminum Alloys

see Aluminum-Gallium Alloys

Gallium-Aluminum-Antimony Alloys

see Aluminum-Antimony-Gallium Alloys

Gallium-Aluminum-Arsenic Systems

see Aluminum-Arsenic-Gallium Systems

Gallium-Antimony Alloys

see Antimony-Gallium Alloys

Gallium-Antimony-Germanium Alloys

see Antimony-Gallium-Germanium Alloys

Gallium-Antimony-Indium Alloys

see Antimony-Gallium-Indium Alloys

Gallium-Arsenic-Germanium Systems

see Arsenic-Gallium-Germanium Systems

Gallium-Arsenic-Phosphorus Systems

see Arsenic-Gallium-Phosphorus Systems

Gallium-Arsenic Systems

see Arsenic-Gallium Systems

Gallium Arsenides

Gallium-Beryllium Alloys

see Beryllium-Gallium Alloys

Gallium-Bismuth Alloys

see Bismuth-Gallium Alloys

Gallium-Bismuth-Lead Alloys

see Bismuth-Gallium-Lead Alloys

Gallium-Bismuth-Lead-Tin Alloys

see Bismuth-Gallium-Lead-Tin Alloys

Gallium Bromides

Gallium-Cadmium Alloys

see Cadmium-Gallium Alloys

Gallium Carbides

Gallium Chelates

Gallium Chlorides

Gallium Chlorides (Liquid)

Gallium-Chromium Alloys

see Chromium-Gallium Alloys

Gallium Citrates

xx Citrates

Gallium-Cobalt Alloys

see Cobalt-Gallium Alloys

Gallium Complexes

Gallium Compounds

Gallium-Copper Alloys

see Copper-Gallium Alloys

Gallium Copper Selenides

see Copper Gallium Selenides

Gallium Copper Sulfides

see Copper Gallium Sulfides

Gallium Copper Tellurides

see Copper Gallium Tellurides

Gallium Deuterides

Gallium-Dysprosium Alloys

see Dysprosium-Gallium Alloys

Gallium Fluorides

Gallium-Gadolinium Alloys

see Gadolinium-Gallium Alloys

Gallium-Germanium Alloys

Gallium-Gold Alloys

Gallium Halides

xx Halides

Gallium Hydrides

Gallium-Indium Alloys

Gallium-Indium-Tin Alloys

Gallium Iodides

Gallium Ions

Gallium-Iron Alloys

Gallium Isotopes

Gallium Isotopes Ga⁶⁴

Gallium Isotopes Ga⁶⁵

Gallium Isotopes Ga⁶⁶

Gallium Isotopes Ga⁶⁷

Gallium Isotopes Ga⁶⁸

Gallium Isotopes Ga⁶⁹

Gallium Isotopes Ga⁷⁰

Gallium Isotopes Ga⁷¹

Gallium Isotopes Ga⁷²

Gallium Isotopes Ga⁷³

Gallium Isotopes Ga⁷⁴

Gallium Isotopes Ga⁷⁵

Gallium Isotopes Ga⁷⁶

Gallium Lactates

xx Lactates

Gallium Lanthanum Sulfides

xx Lanthanum Sulfides

Gallium-Lead Alloys

Gallium-Lead-Tin Alloys

Gallium-Magnesium Alloys

Gallium-Manganese Alloys

Gallium-Mercury Alloys

Gallium Minerals

Gallium-Nickel Alloys

Gallium Nitrates

Gallium Nitrides

Gallium Oxides

Gallium Perchlorates

xx Perchlorates

Gallium Phosphides

xx Phosphides

Gallium-Platinum Alloys

Gallium-Plutonium Alloys

Gallium-Praseodymium Alloys

Gallium Reserves

xx Mineral Resources

Gallium Selenides

see also Copper Gallium Selenides

Silver Gallium Selenides

Gallium-Silicon Systems

Gallium-Silver Alloys

Gallium Silver Selenides

see Silver Gallium Selenides

Gallium Silver Sulfides

see Silver Gallium Sulfides

Gallium Silver Tellurides

see Silver Gallium Tellurides

Gallium-Sodium Alloys

Gallium Sulfates

Gallium Sulfides

see also Copper Gallium Sulfides

Silver Gallium Sulfides

Gallium Tellurides

see also Copper Gallium Tellurides

- see also Silver Gallium Tellurides*
- Gallium—Tellurium Systems**
- Gallium—Thallium Alloys**
- Gallium—Tin Alloys**
- Gallium—Tin—Zinc Alloys**
- Gallium—Titanium Alloys**
- Gallium—Uranium Alloys**
- Gallium—Vanadium Alloys**
- Gallium Yttrium Sulfides**
- xx Yttrium Sulfides
- Gallium—Zinc Alloys**
- Gallium—Zirconium Alloys**
- Galvanic Corrosion**
- see Electrochemical Corrosion*
- Galvanometers**
- x Meters
- Games Theory**
- xx Mathematics
- Gamma—Absorption Analysis**
- x Radiation—Absorption Analysis
- xx Analysis
- Gamma Absorption Coefficients**
- Gamma Absorption Cross Sections**
- x Absorption Cross Sections
- Gamma Cameras**
- xx Cameras
- Gamma Cross Sections**
- xx Cross Sections
- Gamma Decay**
- xx Decay Schemes
- Gamma Photometers**
- xx Photometers
- Gamma Pocket Audio Detector**
- see Radiation Detection Instruments (Audio Pulse Type)*
- Gamma Radiation**
- see also Bremsstrahlung*
- Cherenkov Radiation*
- Compton Effect*
- Photons*
- X Radiation*
- xx Electromagnetic Waves
- Photons
- Radiation
- Radioactivity
- X Radiation
- Gamma Scattering Cross Sections**
- x Scattering Cross Sections
- xx Cross Sections
- Gamma Shielding**
- see also Bremsstrahlung Shielding*
- x Shadow Shielding
- xx Bremsstrahlung Shielding
- Shielding
- Gamma Showers**
- x Showers
- Gamma Sources**
- see also X-Ray Sources*
- x Sources
- xx Radiation Sources
- X-Ray Sources
- Gamma Spectra**
- xx Spectra
- Gamma Spectrometers**
- xx Spectrometers
- Gamma Spectroscopy**
- xx Spectroscopy
- Ganglionic Blocking Drugs**
- xx Drugs
- Gas Analyzers**
- see also Infrared Gas Analyzers*
- x Analyzers
- Gas Centrifuges**
- xx Centrifuges
- Gas—Ceramic Systems**
- see Ceramic—Gas Systems*
- Gas Cooled Reactor Experiment**
- x GCRE
- xx Gas Cooled Reactors
- Gas Cooled Reactor Experiment-II**
- x GCRE-II
- xx Gas Cooled Reactors
- Gas Cooled Reactors**
- see also Advanced Epithermal Thorium Reactor*
- Army Compact Reactor Experiments*
- Army Gas Cooled Reactor*
- Army Reactors (ML-1)*
- Belgian Reactor-1*
- BEPO*
- Beryllium Oxide Reactor Experiment*
- Brittany Power Reactor (EL-4)*
- Brookhaven Medical Reactor*
- Brookhaven Reactor*
- Calder Hall Reactors*
- Chinon Reactors (EDF-2)*
- Chinon Reactors (EDF-3)*
- Daniels Power Reactor*
- Experimental Gas Cooled Reactor*
- Florida Power Reactor*
- Gas Cooled Reactor Experiment*
- Gas Cooled Reactor Experiment-II*
- GLEEP*
- High Temperature Gas Cooled Reactor Experiment*
- Kaiser Gas Cooled Reactor*
- Los Alamos Turret Reactor*
- Marcoule Reactors (G-1)*
- Marcoule Reactors (G-2)*
- Marcoule Reactors (G-3)*
- Maritime Gas Cooled Reactor*
- ORNL Gas Cooled Reactor*
- ORNL Graphite Reactor*
- Peach Bottom Power Reactor*
- Saclay Reactors (EL-2)*
- SLEEP Reactor*
- Windscale Advanced Gas Cooled Reactor*
- Windscale Production Reactors*
- Gas Cooled Systems Experiment**
- see Army Reactors (ML-1)*
- Gas Disposal**
- see Stack Disposal*
- Gas Flow**
- see also Compressible Flow*
- Convection*
- Incompressible Flow*
- Liquid Flow*
- Stack Disposal*
- Subsonic Flow*
- Supersonic Flow*
- Transonic Flow*
- x Air Flow
- xx Aerodynamics
- Compressible Flow
- Flowmeters
- Fluid Flow
- Friction
- Liquid Flow
- Pressure Drop
- Gas Flow (Laminar)**
- x Laminar Flow
- Gas Flow (Turbulent)**
- x Turbulent Flow
- Gas-Gas Heat Exchangers**
- see Heat Exchangers (Gas-Gas)*
- Gas-Liquid Heat Exchangers**
- see Heat Exchangers (Gas-Liquid)*

Gas-Liquid Systems**Gas Mask Canisters***see also Filters*

- x Canisters
- xx Filters

Gas Masks

- x Collective Protectors
Masks
- xx Respirators

Gas-Metal Systems**Gas Protective Ointments***see Protective Ointments***Gas Turbine Blades***see Turbine Blades***Gas Turbine Engines**

- x Engines
- xx Turbines

Gas Turbine Nozzles*see Turbine Nozzles***Gaseous Arcs***see Electric Arcs***Gaseous Diffusion***see Barriers**Gaseous Diffusion Process***Gaseous Diffusion Plants**

- x Paducah Plant
- xx Barriers
Plants

Gaseous Diffusion Process*(Separation by means of permeable membranes)**see also Barriers*

- x Gaseous Diffusion
- xx Barriers
Diffusion
Gas Flow

Gaseous Discharge

see Electric Arcs
Electric Discharge
Glow Discharges

Gaseous Fuel Reactors

- xx Reactors

Gaseous Ions

- xx Ions

Gaseous Reactions

- x Reactions
- xx Reaction Mechanisms

Gases*(The gaseous states of normally liquid or solid materials are indexed in the form, Sodium(Gaseous))**see also Mustard Gas*

Natural Gas
Plasma
Rare Gases

- x Vapors
- xx Air

Gasket Materials*(See also specific gasket materials, e g , Cork and Leather)***Gaskets**

see also Pipe Joints
Seals and Glands

- xx Glands
Pipe Joints
Seals and Glands

Gasometric Analysis

- xx Analysis
Volumetric Analysis

Gastric Juice

- xx Digestion

Gastrointestinal Tract

- x Digestive Tract
- xx Intestine
Stomach

Gastunites

- xx Uranium Minerals

Gating Systems**Gaylussites****GCR-2***see ORNL Gas Cooled Reactor***GCRE***see Gas Cooled Reactor Experiment***GCRE-II***see Gas Cooled Reactor Experiment-II***GCSE***see Army Reactors (ML-1)***Geiger-Mueller Telescopes***see Coincidence Counters***Geiger-Mueller Tubes**

(For detection instruments using Geiger-Mueller tubes see also Radiation Detection Instruments (Pulse Type))

- xx Radiation Detectors
Tubes

Geiger Tubes*see Geiger-Mueller Tubes***Gelatin****Gels***see Colloids***General Electric Test Reactor***(General Electric Company Materials Testing Reactor)*

- x GETR
- xx Research Reactors
Water Moderated Reactors

Generators*see also Aerosol Generators*

Electric Generators
Electrostatic Generators
Fluorine Generators
Pulse Generators (Electronics)
Pulse Generators (Hydraulics)
Pulse Generators (Pneumatics)
Radiofrequency Generators
Smoke Generators
Van De Graaff Accelerators

Genetics*see also Mutations*

- xx Chromosomes
Mitosis
Nuclei (Cells)
Populations

Geneva Conference Reactor (GCR)*see Swimming Pool Reactors***Gentisic Acid**

- x Benzoic Acid, 2,5-Dihydroxy-

Geobotanical Prospecting

- xx Prospecting

Geochemical Prospecting

- xx Prospecting

Geochemistry

see also Geology
Geophysics
xx Chemistry
Geology
Geophysics

Geography

see also Geology
Hydrology
Meteorology
Oceanography

Geology

see also Geochemistry
Geophysics
Mineralogy
Petrography
Stratigraphy
Tracer Techniques (Geology)

xx Geochemistry
 Geophysics
 Mineralogy

Geomagnetic Fields
 xx Magnetic Fields

Geomagnetic Storms
 x Storms

Geophysical Exploration
 xx Exploration

Geophysical Prospecting
see also Geophysics
 Rock Drilling
 Well Logging

xx Geophysics
 Prospecting

Geophysics
see also Geochemistry
 Geology
 Geophysical Prospecting
 Oceanography

xx Geochemistry
 Geology
 Geophysical Prospecting
 Physics

George Burst
 xx Atomic Explosions
 Greenhouse Operation

Germanates
see also Barium Germanates
 Fluogermanates
 Lead Germanates
 Strontium Germanates

Germanes
*(Inorganic derivatives of GeH₄. For organic germanium compounds
 see Germanium Alkyl Aryls, Germanium Alkyls, and Germanium
 Aryls.)*

Germanium

Germanium Alkyl Aryls
 xx Germanes

Germanium Alkyls
 xx Germanes

Germanium Alloys
 Germanium-Aluminum Alloys
see Aluminum-Germanium Alloys
 Germanium-Aluminum-Beryllium Alloys
see Aluminum-Beryllium-Germanium Alloys
 Germanium-Aluminum-Lithium Alloys
see Aluminum-Germanium-Lithium Alloys
 Germanium-Aluminum-Molybdenum-Titanium Alloys
see Aluminum-Germanium-Molybdenum-Titanium Alloys
 Germanium-Aluminum-Sodium Alloys
see Aluminum-Germanium-Sodium Alloys
 Germanium-Antimony Alloys
see Antimony-Germanium Alloys
 Germanium-Antimony-Gallium Alloys
see Antimony-Gallium-Germanium Alloys
 Germanium-Arsenic-Gallium Systems
see Arsenic-Gallium-Germanium Systems

Germanium Aryls
 xx Germanes

Germanium-Barium Oxide Systems
see Barium Oxide-Germanium Systems

Germanium-Beryllium-Silver Alloys
see Beryllium-Germanium-Silver Alloys

Germanium-Bismuth Alloys
see Bismuth-Germanium Alloys

Germanium-Bismuth-Tellurium Systems
see Bismuth-Germanium-Tellurium Systems

Germanium Bromides
 Germanium-Calcium Alloys
see Calcium-Germanium Alloys

Germanium Carbides

Germanium-Carbon-Cobalt Systems
see Carbon-Cobalt-Germanium Systems

Germanium-Carbon-Iron Systems
see Carbon-Germanium-Iron Systems

Germanium-Carbon-Manganese Systems
see Carbon-Germanium-Manganese Systems

Germanium Chlorides
 Germanium-Chromium-Indium-Nickel Alloys
see Chromium-Germanium-Indium-Nickel Alloys
 Germanium-Chromium-Lithium-Nickel Alloys
see Chromium-Germanium-Lithium-Nickel Alloys
 Germanium-Chromium-Nickel Alloys
see Chromium-Germanium-Nickel Alloys
 Germanium-Cobalt-Manganese Alloys
see Cobalt-Germanium-Manganese Alloys

Germanium Complexes

Germanium Compounds
 Germanium-Copper Alloys
see Copper-Germanium Alloys
 Germanium-Copper Crystals
see Copper-Germanium Crystals
 Germanium-Copper-Nickel Alloys
see Copper-Germanium-Nickel Alloys

Germanium Crystals

Germanium Deuterides
 xx Deuterides

Germanium-Dysprosium Alloys

Germanium Films
 xx Films

Germanium(IV) Fluorides
 Germanium-Gadolinium Alloys
see Gadolinium-Germanium Alloys
 Germanium-Gallium Alloys
see Gallium-Germanium Alloys

Germanium-Germanium Oxide Systems

Germanium-Gold Couples

Germanium-Hafnium Alloys

Germanium Halides

Germanium Hydrides

Germanium Hydroxides

Germanium-Indium Alloys

Germanium Iodides

Germanium Ions
 Germanium(IV) Ions

Germanium-Iron Alloys

Germanium Isocyanates
 xx Isocyanates

Germanium Isotopes
 Germanium Isotopes Ge⁶⁵
 Germanium Isotopes Ge⁶⁶
 Germanium Isotopes Ge⁶⁷
 Germanium Isotopes Ge⁶⁸
 Germanium Isotopes Ge⁶⁹
 Germanium Isotopes Ge⁷⁰
 Germanium Isotopes Ge⁷¹
 Germanium Isotopes Ge⁷²
 Germanium Isotopes Ge⁷³
 Germanium Isotopes Ge⁷⁴
 Germanium Isotopes Ge⁷⁵
 Germanium Isotopes Ge⁷⁶
 Germanium Isotopes Ge⁷⁷
 Germanium Isotopes Ge⁷⁸

Germanium Junctions

Germanium-Magnesium Alloys

Germanium-Magnesium Crystals

Germanium-Manganese-Nickel Alloys

Germanium Minerals

Germanium-Nickel Alloys

Germanium-Niobium Alloys

Germanium Oxide-Ethylene Polymer Systems
see Ethylene Polymer-Germanium Oxide Systems

Germanium Oxide-Germanium Systems
see Germanium-Germanium Oxide Systems

Germanium Oxide-Hafnium Oxide Systems
 Germanium Oxide-Sodium Oxide Systems
 Germanium Oxide-Thorium Oxide Systems
 Germanium Oxide-Zirconium Oxide Systems

Germanium Oxides
 Germanium Oxides (Liquid)
 Germanium-Platinum Alloys
 Germanium-Plutonium Alloys
 Germanium Pyrophosphates
 xx Pyrophosphates

Germanium-Silver Alloys
 Germanium Sulfides
 Germanium Tellurides
 xx Tellurides

Germanium-Tellurium-Tin Systems

Germanium-Thorium Alloys

Germanium-Titanium Alloys

Germanium-Uranium Alloys

Germanium-Vanadium Alloys

Germanium-Yttrium Alloys

Germanium-Zirconium Alloys

Germanyls
see also Potassium Germanyls

Germination

GETR
see General Electric Test Reactor

GFA Process
see Slurex Process

Gibberellic Acid

Gibbsites
see also Bauxite

Glaciers

Glands
(This heading is reserved for general biological papers. For mechanical glands see Gaskets and Seals and Glands.)
see also Adrenal Glands

Endocrine Glands
 Gonads
 Mammary Gland
 Parathyroid Glands
 Pituitary Gland
 Prostate Gland
 Salivary Glands
 Thyroid Gland

Glaserites
see Aphanthalites

Glass
see also Barium Glass
 Beryllium Oxide Glass
 Borosilicate Glass
 Cobalt Glass
 Flint Glass
 Lead Glass
 Lithium Glass
 Optical Systems
 Phosphate Glass
 Potassium Silicate Glass
 Rare Earth Glasses
 Silver Glass
 Sodium Borate Glass
 Sodium Silicate Glass
 Uranium Glass
 xx Optical Materials
 Vitreous Materials

Glass (Liquid)

Glass Coatings

Glass Electrodes

xx Electrodes

Glass Enamels
see Glazes
 Porcelain Enamels

Glass Fibers
see Glass Textiles

Glass Filters

xx Filters

Glass Foils

Glass Powders

xx Powders

Glass Textiles

x Fiberglass
 Glass Fibers

Glass Wool
(Including mineral wool)

x Mineral Wool
 Rock Wool
 xx Filter Materials
 Wool

Glass Wool Filters

xx Filters

Glauconites

Glazes
(Glassy coatings on ceramic ware)
see also Porcelain Enamels

x Glass Coatings
 Glass Enamels
 xx Ceramic Coatings
 Ceramic Materials
 Porcelain Enamels

GLEEP

xx British Reactors
 Gas Cooled Reactors
 Graphite Moderated Reactors
 Research Reactors

Glutotoxin

xx Antibiotics

Globeiron
see Iron

Globins

Globulin

Glossaries
(Including codes and reports on nomenclature)
 x Codes
 Nomenclature

Glove Boxes
see Dry Boxes

Glow Discharges

x Discharges
 Gaseous Discharge
 xx Electric Discharge

Glucal

Glucinum
see Beryllium

D-Glucitol
see Sorbitol

Gluconic Acids
 xx Organic Acids

Glucosamine

Glucose
 x Dextrose
 xx Monosaccharides

Glucose Phosphates

xx Phosphates
 Sugar Phosphates

Glucose, α -Methyl-

Glucuronides

Glucuronic Acid

xx Organic Acids

Glucuronic Acid, Sodium Salts

xx Sodium Salts

Glutaconic Acid, γ -Amino- α -(*o*-Aminophenyl)-

see Kynurenine

Glutamic Acid

x Glutaric Acid, α -Amino-

xx Organic Acids
Glutamine
Glutaric Acid
 xx Acids
Glutaric Acid, α -Amino-
see Glutamic Acid
Glutaric Acid, α -Keto-
see Glutaric Acid, α -Oxo-
Glutaric Acid, α -Oxo-
 x Glutaric Acid, α -Keto-
Glutarimide, Hexafluoro-*N*-Bromo-
Glutathione
Gluten
Glyceric Acid
 xx Organic Acids
Glycerides
Glycerol
 x 1,2,3-Propanetriol
Glycerol-Bismuth Phosphate-Potassium Hydroxide Systems
see Bismuth Phosphate-Glycerol-Potassium Hydroxide Systems
Glycerol-Potassium Hydroxide Systems
Glycerol-Water Systems
Glycerophosphates
 xx Phosphates
Glycine
 x Acetic Acid, Amino-
Glycine, *N*-Acetyl-
see Aceturic Acid
Glycine, *N*-Glycyl-
Glycine, *N*-Methyl-
see Sarcosine
Glycine, Phthalyl-
Glycine, Phthalyl-, Ethyl Ester
Glycine Polymers
 xx Polymers
Glycine Sulfates
 xx Sulfates
Glycogen
Glycol
see Ethylene Glycol
Glycols
Glycolates
(See as salts of glycolic acid in the form Glycolic Acid, Calcium Salts)
Glycolic Acid
 x Acetic Acid, Hydroxy-
Glycolic Acid, Benzylphenyl-
Glycolic Acid, Calcium Salts
 x Calcium Glycolates
Glycolic Acid Complexes
 x Complexes
Glycolic Acid, Diphenyl-
see Benzoic Acid
Glycolic Acid, Hafnium Salts
 x Hafnium Glycolates
Glycolic Acid, Thio-, Ammonium Salt
see Acetic Acid, Mercapto-, Ammonium Salts
Glycolic Acid, Yttrium Salts
 x Yttrium Glycolates
Glycolic Acid, Zirconium Salts
 x Zirconium Glycolates
Glycols
see also Ethylene Glycol
 x Glycol
Glycolysis
Glycosides
***N*-Glycosides**
see Glycosylamines
Glycosylamines
 x *N*-Glycosides
Glyoxal
Glyoxime, Dimethyl-

Glyoxime, Dimethyl- Complexes
Glyoxime, Dimethyl- Ethers
see Ethers
Glyoxime, Dimethyl-, Nickel Derivatives
 x Nickel Derivatives
Glyoxime, Diphenyl-
Glyoxime, Ethylmethyl-
Glyoxylic Acid
 x Acetic Acid, Dihydroxy-
 Formylformic Acid
 xx Organic Acids
Glyoxylic Acid, Phenyl-
 x Benzoylformic Acid
Goats
 xx Animals
Godiva
see Critical Assemblies
Goiter
see also Thyroid Diseases
Gold
Gold (Colloidal)
 xx Colloids
Gold (Liquid)
Gold Alloys
Gold-Aluminum Alloys
see Aluminum-Gold Alloys
Gold-Antimony-Tin Alloys
see Antimony-Gold-Tin Alloys
Gold-Beryllium Alloys
see Beryllium-Gold Alloys
Gold-Bismuth Alloys
see Bismuth-Gold Alloys
Gold-Cadmium Alloys
see Cadmium-Gold Alloys
Gold-Cadmium Crystals
see Cadmium-Gold Crystals
Gold-Cadmium-Indium Alloys
see Cadmium-Gold-Indium Alloys
Gold-Cadmium-Silver Alloys
see Cadmium-Gold-Silver Alloys
Gold-Cesium Alloys
see Cesium-Gold Alloys
Gold Chloride-Phosphorus Chloride Systems
Gold Chlorides
Gold-Chromium Alloys
see Chromium-Gold Alloys
Gold-Chromium-Nickel Alloys
see Chromium-Gold-Nickel Alloys
Gold Coatings
Gold-Cobalt Alloys
see Cobalt-Gold Alloys
Gold Compacts
Gold Complexes
Gold Compounds
Gold-Copper Alloys
see Copper-Gold Alloys
Gold-Copper Compacts
see Copper-Gold Compacts
Gold-Copper Couples
see Copper-Gold Couples
Gold-Copper-Silver Alloys
see Copper-Gold-Silver Alloys
Gold Crystals
Gold-Dysprosium Alloys
see Dysprosium-Gold Alloys
Gold Electrodes
 xx Electrodes
Gold-Erbium Alloys
see Erbium-Gold Alloys
Gold Films
 xx Films
Gold Fluorides

Gold Foils

Gold-Gadolinium Alloys

see Gadolinium-Gold Alloys

Gold-Gallium Alloys

see Gallium-Gold Alloys

Gold-Germanium Couples

see Germanium-Gold Couples

Gold-Hafnium Alloys

Gold Hydrides

Gold-Hydrogen-Palladium Systems

Gold-Indium Alloys

Gold-Indium-Tin Alloys

Gold Ions

Gold Ions (Recoil)

xx Recoil Ions

Gold-Iron Alloys

Gold Isotopes

Gold Isotopes Au¹⁸⁵Gold Isotopes Au¹⁸⁶Gold Isotopes Au¹⁸⁷Gold Isotopes Au¹⁸⁸Gold Isotopes Au¹⁸⁹Gold Isotopes Au¹⁹⁰Gold Isotopes Au¹⁹¹Gold Isotopes Au¹⁹²Gold Isotopes Au¹⁹³Gold Isotopes Au¹⁹⁴Gold Isotopes Au¹⁹⁵Gold Isotopes Au¹⁹⁶Gold Isotopes Au¹⁹⁷Gold Isotopes Au¹⁹⁸Gold Isotopes Au¹⁹⁹Gold Isotopes Au²⁰⁰Gold Isotopes Au²⁰¹Gold Isotopes Au²⁰³

Gold-Lead Alloys

Gold-Lutetium Alloys

Gold-Manganese Alloys

Gold-Molybdenum Alloys

Gold-Nickel Alloys

Gold-Nickel Couples

Gold-Nickel-Platinum Alloys

Gold-Niobium Alloys

Gold Ores

(For tastings, residues, etc., worked for uranium see also Uranium Ores)

xx Ores

Gold Oxides

Gold-Palladium Alloys

Gold-Palladium-Platinum Alloys

Gold-Phosphorus Systems

Gold-Platinum Alloys

Gold-Plutonium Alloys

Gold-Plutonium-Uranium Alloys

Gold-Rare Earth Alloys

Gold-Ruthenium Alloys

Gold-Silicon Couples

Gold-Silver Alloys

Gold-Silver Couples

Gold-Silver-Zinc Alloys

Gold-Sodium Alloys

Gold-Thorium Alloys

Gold-Tin Alloys

Gold-Titanium Alloys

Gold-Tungsten Alloys

Gold-Uranium Alloys

Gold-Vanadium Alloys

Gold-Zinc Alloys

Gold-Zirconium Alloys

Gonadal Hormones

(See also specific hormones, e.g., Testosterone)

x Sex Hormones

xx Hormones

Sterols

Gonadotropic Hormones

x Gonadotropins

xx Hormones

Gonadotropins*see Gonadotropic Hormones***Gonads**

x Ovaries

Testes

xx Glands

Spermatogenesis

Goniometers

x Meters

Grafting*see Skin Grafting***Grain Boundaries***see Grain Structure***Grain-Boundary Diffusion**

xx Diffusion

Grain Growth

xx Phase Studies

Grain Structure

x Grain Boundaries

Microstructure

Gramicidin**Granites***see also Aplites***Granodiorites****Graphite***(See also Graphite Moderated Reactors, and specific graphite moderated reactors by name)**see also Carbon*

x Refractories and Crucibles

xx Carbon

Ceramic Materials

Porous Materials

Reactor Materials

Graphite (Clad)**Graphite (Colloidal)**

xx Colloids

Graphite (Impregnated)*see also Graphite-Uranium Oxide Systems**Reactor Fuel Elements (Impregnated)*

xx Graphite-Uranium Oxide Systems

Reactor Fuel Elements (Impregnated)

Graphite Acid Sulfates

x Acid Sulfates

xx Graphite Compounds

Sulfates

Graphite-Aluminum Couples*see Aluminum-Graphite Couples***Graphite-Aluminum Fluoride Systems***see Aluminum Fluoride-Graphite Systems***Graphite-Argon Systems***see Argon-Graphite Systems***Graphite-Beryllium Carbide Compacts***see Beryllium Carbide-Graphite Compacts***Graphite-Beryllium Carbide Systems***see Beryllium Carbide-Graphite Systems***Graphite-Beryllium Carbide-Uranium Carbide Systems***see Beryllium Carbide-Graphite-Uranium Carbide Systems***Graphite-Beryllium Carbide-Uranium Systems***see Beryllium Carbide-Graphite-Uranium Systems***Graphite-Beryllium Oxide Systems***see Beryllium Oxide-Graphite Systems***Graphite-Bismuth Systems***see Bismuth-Graphite Systems***Graphite-Boron Carbide-Silicon Carbide Systems***see Boron Carbide-Graphite-Silicon Carbide Systems***Graphite-Boron Oxide-Magnesium Oxide Systems***see Boron Oxide-Graphite-Magnesium Oxide Systems*

Graphite-Boron Oxide Systems*see Boron Oxide-Graphite Systems***Graphite-Boron Systems***see Boron-Graphite Systems***Graphite Bromides**

x Bromine-Graphite Systems

xx Bromides

Graphite Compounds

Graphite-Bromine Systems*see Graphite Bromides***Graphite-Carbon Dioxide-Carbon Monoxide Systems***see Carbon Dioxide-Carbon Monoxide-Graphite Systems***Graphite-Carbon Dioxide-Helium Systems***see Carbon Dioxide-Graphite-Helium Systems***Graphite-Carbon Dioxide Systems***see Carbon Dioxide-Graphite Systems***Graphite-Carbon Monoxide-Helium Systems***see Carbon Monoxide-Graphite-Helium Systems***Graphite-Carbon Monoxide Systems***see Carbon Monoxide-Graphite Systems***Graphite-Cesium Compounds***see Cesium-Graphite Compounds***Graphite Chlorides**

x Chlorine-Graphite Systems

xx Chlorides

Graphite-Chlorine Systems*see Graphite Chlorides***Graphite Coatings**

xx Coatings

Graphite Compacts**Graphite Compounds**

(Compounds of graphite and non-metallic elements and groups are in the form Graphite Bromides, Graphite Acid Sulfates, etc., other specific compounds are arranged alphabetically by components in the form Cesium-Graphite Compounds and Graphite-Potassium Compounds.)

x Compounds

xx Carbon Compounds

Graphite-Copper Systems*see Copper-Graphite Systems***Graphite Couples***see Aluminum-Graphite Couples***Graphite Crucibles**

xx Carbon Crucibles

Crucibles

Graphite Crystals

x Lattices

xx Crystals

Graphite Electrodes

xx Electrodes

Graphite-Helium Systems**Graphite Lattices***see Graphite Moderated Reactors***Graphite-Lithium Compounds****Graphite Moderated Reactors***see also Advanced Epithermal Thorium Reactor**Argonaut Reactor**Argonne Graphite Reactor**Argonne Low Power Research Reactor**Belgian Reactor-I**BEPO**Brookhaven Reactor**Calder Hall Reactors**Chinon Reactors (EDF-2)**Chinon Reactors (EDF-3)**Experimental Gas Cooled Reactor**GLEEP**Hallam Power Reactor**Hanford Production Reactors**Hanford Test Reactor**Hanford Thermal Test Reactor**High Temperature Gas Cooled Reactor Experiment**see also Kaiser Gas Cooled Reactor**KAPL Thermal Test Reactor**Liquid Metal Fuel Reactor**Los Alamos Turret Reactor**Low Power Research Reactor**Marcoule Reactors (G-1)**Marcoule Reactors (G-2)**Marcoule Reactors (G-3)**Nuclear Test Reactor**ORNL Gas Cooled Reactor**ORNL Graphite Reactor**Peach Bottom Power Reactor**Physical Constants Testing Reactor**Savannah River Test Reactor**Savannah River Thermal Test Reactor**Sodium Reactor Experiment**West Stands Reactor**Windscale Advanced Gas Cooled Reactor**Windscale Production Reactors*

x Graphite Lattices

xx Reactors

Graphite Molds

xx Molds

Graphite-Molybdenum Systems**Graphite-Neon Systems****Graphite-Nickel Oxide Systems****Graphite-Nitrogen Systems****Graphite Ores**

xx Ores

Graphite-Oxygen Systems**Graphite-Plutonium Oxide Systems****Graphite-Plutonium Systems****Graphite-Potassium Compounds****Graphite-Potassium Systems***see also Graphite-Potassium Compounds***Graphite Powders**

xx Powders

Graphite-Rhenium Couples**Graphite-Rubidium Compounds****Graphite-Silicon Carbide Crucibles****Graphite-Silicon Carbide Systems****Graphite-Silicon Oxide Systems****Graphite-Sodium Compounds****Graphite Systems****Graphite-Thorium Carbide Systems****Graphite-Thorium Carbide-Uranium Carbide Systems****Graphite-Thorium Oxide Systems****Graphite-Titanium Systems****Graphite-Tungsten Systems****Graphite-Uranium Carbide Systems****Graphite-Uranium Oxide Systems***see also Graphite (Impregnated)*

xx Graphite (Impregnated)

Graphite-Uranium(IV) Oxide Systems**Graphite-Uranium Systems****Graphite-Zirconium Carbide Systems****Graphitic Oxides**

xx Oxides

Graphon*see Carbon Black***Grass****Grasshoppers****Gratings***see Diffraction Gratings***Gravimetric Analysis**

xx Analysis

Gravitation**Gravitinos***see Neutrinos***Gravity Concentration**

x Concentration

Greases

see also Lubricants

Oils

- xx Lubricants
- Oils
- Waxes

Green Salt

see Uranium(IV) Fluorides

Greenhouse Operation

- x Operations
- xx Dog Burst
- Easy Burst
- George Burst
- Item Burst

Grenoble Reactors

- x French Reactors

Grenoble Reactors (Melusine)

- x Melusine Reactor
- xx Research Reactors
- Swimming Pool Reactors
- Water Moderated Reactors

Grignard Reaction

- x Reactions

Grignard Reagents

- x Reagents
- xx Acetylenic Grignard Reagents
- Magnesium Compounds

Grinding

see also Crushing
Mineral Dressing
Particles
Powders

- x Milling
- xx Abrasion
- Comminution
- Crushing
- Machining

Grinding Wheels

- x Abrasive Wheels

Ground

(Limited to the large, generalized aggregate of unspecified composition as referred to in radiation scattering studies, see also specific materials, e.g., Soils)

Ground Shield Test Reactor

- x Ground Test Reactor
- GSTR
- GTR
- xx Shielding

Ground Test Reactor

see Ground Shield Test Reactor

Ground Waters

see also Radioactive Waters

- xx Natural Waters
- Water

Groups and Radicals

see Carbonyl Group
Cyano Group
Hydrosulfido Radical
Hydroxyl Radical
Triphenylmethyl Groups

Growth**GS Process**

see Dual-Temperature Process

GSTR

see Ground Shield Test Reactor

GTR

see Ground Shield Test Reactor

Guanidine**Guanidine Aluminum Sulfates**

- xx Aluminum Sulfates

Guanine

- x Xanthine, 2-Aminohypo-

Guanosine**Guanosine, Benzylidene-****Guanylic Acid****Guayule****Guided Missiles**

see also Rockets

- x Ballistic Missiles
- xx Missiles
- Rockets

Guides

see Classification Guides
Handbooks and Manuals

Guinea Pigs

- xx Animals

Gulonic Acid, Diketo-**Gummites**

(Generic term for minerals occurring as alteration products of uraninite and not otherwise identified, including silicates, phosphates, and oxides)

- xx Uraninites

Gutta-Percha**Guts Feathers and All Process**

see Slurex Process

Gypsum Products

- x Plaster of Paris
- xx Molding Materials
- Molds
- Plasters

Gypsums

see also Calcium Sulfates

- xx Calcium Sulfates

Gyromagnetic Ratio

see also Nuclear Magnetic Resonance

H

Hafnates

see also Calcium Hafnates
Lead Hafnates
Lithium Hafnates
Sodium Oxalatohafnates
Strontium Hafnates

Hafnium**Hafnium Alcoholates**

- xx Alcoholates

Hafnium Alloys**Hafnium-Aluminum Alloys**

see Aluminum-Hafnium Alloys

Hafnium-Aluminum-Lead Alloys

see Aluminum-Hafnium-Lead Alloys

Hafnium-Aluminum-Titanium Alloys

see Aluminum-Hafnium-Titanium Alloys

Hafnium-Aluminum-Zirconium Alloys

see Aluminum-Hafnium-Zirconium Alloys

Hafnium-Beryllium Alloys

see Beryllium-Hafnium Alloys

Hafnium-Beryllium-Boron Systems

see Beryllium-Boron-Hafnium Systems

Hafnium-Beryllium-Silicon Systems

see Beryllium-Hafnium-Silicon Systems

Hafnium-Bismuth Alloys

see Bismuth-Hafnium Alloys

Hafnium Boride-Hafnium Oxide-Silicon Oxide Systems**Hafnium Boride-Hafnium Silicide Systems****Hafnium Boride-Titanium Systems****Hafnium Boride-Titanium Systems (Clad)****Hafnium Borides****Hafnium Borohydrides**

- xx Borohydrides

Hafnium-Boron Compacts

see Boron-Hafnium Compacts

Hafnium-Boron Systems

see Boron-Hafnium Systems

Hafnium-Boron-Titanium Systems*see Boron-Hafnium-Titanium Systems***Hafnium-Boron-Zirconium Systems***see Boron-Hafnium-Zirconium Systems***Hafnium Bromides****Hafnium Carbide-Chromium Carbide Systems***see Chromium Carbide-Hafnium Carbide Systems***Hafnium Carbide-Molybdenum Carbide Systems****Hafnium Carbide-Niobium Carbide Systems****Hafnium Carbide-Tantalum Carbide Systems****Hafnium Carbide-Thorium Carbide Systems****Hafnium Carbide-Titanium Carbide Systems****Hafnium Carbide-Tungsten Carbide Systems****Hafnium Carbide-Uranium Carbide Systems****Hafnium Carbide-Vanadium Carbide Systems****Hafnium Carbide-Zirconium Carbide Systems****Hafnium Carbides****Hafnium-Carbon Systems***see Carbon-Hafnium Systems***Hafnium Chelates****Hafnium Chloride Addition Compounds**

xx Chloride Addition Compounds

Hafnium Chloride Complexes

xx Chloride Complexes

Hafnium Chloride-Phosphoryl Chloride Systems**Hafnium Chlorides****Hafnium-Chromium Alloys***see Chromium-Hafnium Alloys***Hafnium-Cobalt Alloys***see Cobalt-Hafnium Alloys***Hafnium-Cobalt-Nickel Alloys***see Cobalt-Hafnium-Nickel Alloys***Hafnium Compacts****Hafnium Complexes****Hafnium Compounds****Hafnium Couples****Hafnium Deuterides**

xx Deuterides

Hafnium Hydrides

Hafnium-Dysprosium Alloys*see Dysprosium-Hafnium Alloys***Hafnium Fluoride-Potassium Fluoride Systems****Hafnium Fluoride-Sodium Fluoride Systems****Hafnium Fluorides****Hafnium-Germanium Alloys***see Germanium-Hafnium Alloys***Hafnium Glycolates***see Glycolic Acid, Hafnium Salts***Hafnium-Gold Alloys***see Gold-Hafnium Alloys***Hafnium Hydrides***see also Hafnium Deuterides**Hafnium-Hydrogen Systems*

xx Hafnium-Hydrogen Systems

Hafnium-Hydrogen Systems*see also Hafnium Hydrides*

xx Hafnium Hydrides

Hafnium Hydroxides**Hafnium Hypochlorites**

xx Chlorites

Hypochlorites

Hafnium Iodides**Hafnium Ions****Hafnium-Iridium Alloys****Hafnium-Iridium-Nickel Alloys****Hafnium-Iron Alloys****Hafnium Isotopes**Hafnium Isotopes Hf¹⁶⁸Hafnium Isotopes Hf¹⁶⁹Hafnium Isotopes Hf¹⁷⁰Hafnium Isotopes Hf¹⁷¹Hafnium Isotopes Hf¹⁷²**Hafnium Isotopes Hf¹⁷³**Hafnium Isotopes Hf¹⁷⁴Hafnium Isotopes Hf¹⁷⁵Hafnium Isotopes Hf¹⁷⁶Hafnium Isotopes Hf¹⁷⁷Hafnium Isotopes Hf¹⁷⁸Hafnium Isotopes Hf¹⁷⁹Hafnium Isotopes Hf¹⁸⁰Hafnium Isotopes Hf¹⁸¹Hafnium Isotopes Hf¹⁸²Hafnium Isotopes Hf¹⁸³**Hafnium Lactates**

xx Lactates

Hafnium Mandelates*see Mandelic Acid, Hafnium Salts***Hafnium-Manganese Alloys****Hafnium-Molybdenum Alloys****Hafnium-Molybdenum-Tantalum Alloys****Hafnium-Nickel Alloys****Hafnium-Nickel-Osmium Alloys****Hafnium-Nickel-Oxygen Systems****Hafnium-Nickel-Rhenium Alloys****Hafnium-Nickel-Rhodium Alloys****Hafnium-Nickel-Ruthenium Alloys****Hafnium-Niobium Alloys****Hafnium-Niobium-Tantalum Alloys****Hafnium-Niobium-Titanium-Zirconium Alloys****Hafnium-Niobium-Vanadium Alloys****Hafnium Nitrates****Hafnium Nitrides****Hafnium-Osmium Alloys****Hafnium Oxide Crucibles**

xx Oxide Crucibles

Hafnium Oxide-Germanium Oxide Systems*see Germanium Oxide-Hafnium Oxide Systems***Hafnium Oxide-Hafnium Boride-Silicon Oxide Systems***see Hafnium Boride-Hafnium Oxide-Silicon Oxide Systems***Hafnium Oxide-Magnesium Oxide-Thorium Oxide Systems****Hafnium Oxide-Molybdenum Systems****Hafnium Oxide-Titanium Oxide Systems****Hafnium Oxide-Tungsten Systems****Hafnium Oxide-Zirconium Oxide Systems****Hafnium Oxides****Hafnium Oxybromides**

xx Oxybromides

Hafnium Oxychlorides

xx Oxychlorides

Hafnium Oxynitrates

xx Oxynitrates

Hafnium-Palladium Alloys**Hafnium-Platinum Alloys****Hafnium-Plutonium Alloys****Hafnium Powders**

xx Powders

Hafnium-Rhenium Alloys**Hafnium-Rhodium Alloys****Hafnium Salts***see also Mandelic Acid, Hafnium Salts**Toluenesulfonic Acid, Hafnium Salts***Hafnium Silicates**

xx Silicates

Hafnium Silicide-Hafnium Boride Systems*see Hafnium Boride-Hafnium Silicide Systems***Hafnium Silicides**

xx Silicides

Hafnium Systems**Hafnium-Tantalum Alloys****Hafnium-Tantalum-Tungsten Alloys****Hafnium-Technetium Alloys****Hafnium Thiocyanates**

xx Cyanates

Thiocyanates

Hafnium-Thorium Alloys**Hafnium-Tin Alloys****Hafnium-Titanium Alloys****Hafnium Tungstates**

xx Tungstates

Hafnium-Tungsten Alloys**Hafnium-Uranium Alloys****Hafnium-Vanadium Alloys****Hafnium-Yttrium Alloys****Hafnium-Zirconium Alloys****Häggites**

xx Vanadium Minerals

Hair**Halden Boiling Reactor**xx Boiling Reactors
Heavy Water Reactors
Power Reactors**Halex Process**see *Purex Process***Halide Complexes**see also *Alkali Metal Halide Complexes*
Alkaline Earth Halide Complexes
*Phosphoryl Halide Complexes*x Complexes
Metal Halide Complexes**Halide Crystals**see also *Alkali Metal Halide Crystals*
Alkaline Earth Halide Crystals
Cesium Halide Crystals
Lithium Halide Crystals
*Silver Halide Crystals*x Metal Halide Crystals
xx Crystals**Halide Detectors**

x Detectors

Halide Films**Halides**(See also *halides of specific elements*)see also *Alkaline Earth Halides**Alkyl Halides*
Aryl Halides
Benzoyl Halides
Cyanogen Halides
Metal Halides
Oxyhalides
Rare Earth Halides
*Transuranic Halides***Hall Effect****Hallam Power Reactor**

(Consumers Public Power District, Nebraska)

x CPPD Reactor
Sheldon Nuclear Facility
xx Graphite Moderated Reactors
Liquid Metal Cooled Reactors
Power Reactors**Halocarbon Polymers**

xx Polymers

Halocarbons(Compounds containing only C and halogens, see also *specific compounds*)see also *Chlorohalocarbons**Fluorohalocarbons*x Hydrocarbons, Bromo-
Hydrocarbons, Chloro-
Hydrocarbons, Fluoro-
xx Bromohydrocarbons
Chlorohalocarbons
Chlorohydrocarbons
Chloroorganic Compounds**Halogen Compounds****Halogen Fluorides**

xx Fluorides

Halogen Isotopes

xx Isotopes

Halogen Oxides(See also *oxides of specific halogens*)

xx Oxides

Halogenation**Halogens**see also *Astatine**Bromine**Chlorine**Fluorine**Iodine***Halohydrocarbons**(Compounds containing only C, H, and halogens, see also *specific compounds.*)see also *Alkanes, Halo-**Fluorohalohydrocarbons*x Hydrocarbons, Bromo-
Hydrocarbons, Chloro-
Hydrocarbons, Fluoro-xx Bromohydrocarbons
Chlorohydrocarbons
Chloroorganic Compounds**Haloorganic Compounds**see also *Bromoorganic Compounds**Chloroorganic Compounds**Iodoorganic Compounds***Hamburg Electron Synchrotron**

xx Synchrotrons

Hamsters

xx Animals

Handbooks and Manualssee also *Safety*x Guides
Manuals**Handling and Storage**see *Safety*
Shipping
*Slug Handling***Hands****Hanford Dual Purpose Reactor**x DPR
xx Graphite Moderated Reactors
Power Breeder Reactors**Hanford Heavy Water Experimental Reactor (HWER)**see *Heavy Water Reactors***Hanford Production Reactors**see also *Jumbo Reactor*x W-105 Reactors
xx Graphite Moderated Reactors
Production Reactors**Hanford Production Reactors (B)****Hanford Production Reactors (C)****Hanford Production Reactors (D)****Hanford Production Reactors (DR)****Hanford Production Reactors (F)****Hanford Production Reactors (H)****Hanford Production Reactors (KE)****Hanford Production Reactors (KW)****Hanford Production Reactors (N)****Hanford Production Reactors (NPR)**see *Hanford Production Reactors (N)***Hanford Production Reactors (X)**see *Hanford Production Reactors (K)***Hanford Test Reactor**x W-305 Reactor
xx Graphite Moderated Reactors
Research Reactors**Hanford Thermal Test Reactor**x Thermal Test Reactors
TTR

xx Graphite Moderated Reactors
Research Reactors

Hanford Waste Slurries

x Waste Slurries
xx Slurries

Hanksites

Harbors

Hardening

Hardness

Hardtack Operation

x Operations

Harmotron

see Microwave Oscillators

Harmonic Analysis

see also Bessel Functions

x Fourier Analysis

xx Analysis
Mathematics

Harwell Synchrotron

xx Synchrotrons

Hastelloy

see Nickel Alloys

Hastelloy B

see Iron-Molybdenum-Nickel Alloys

Hastelloy C

see Chromium-Iron-Molybdenum-Nickel Alloys

Hastelloy X

see Chromium-Iron-Molybdenum-Nickel Alloys

Hatchettolites

see Pyrochlores

Haynes Stellite No. 21

see Chromium-Cobalt-Molybdenum-Nickel Alloys

Haynes 25 Alloy

see Chromium-Cobalt-Nickel-Tungsten Alloys

Hazards

*see Dust Hazards
Safety
Safety Hazards*

HCP

see Propene, Hexachloro-

Head

Health Physics

Radiation Protection
Safety Hazards

Hearing

xx Audiometry

Heart

Heart Diseases

x Angina Pectoris
xx Diseases

Heat

see also Specific Heat

Heat Content

see Enthalpy

Heat Exchangers

see also Heat Transfer

x Coolers
xx Fluid Flow
Heat Transfer
Intercoolers

Heat Exchangers (Gas-Gas)

see also Intercoolers

x Gas-Gas Heat Exchangers

Heat Exchangers (Gas-Liquid)

x Gas-Liquid Heat Exchangers

Heat Exchangers (Liquid-Liquid)

x Liquid-Liquid Heat Exchangers

Heat Flow

*see Convection
Heat Transfer
Thermal Conductivity*

Heat of Adsorption

xx Adsorption

Heat of Combustion

xx Combustion

Heat of Condensation

see Heat of Vaporization

Heat of Dissociation

xx Dissociation

Heat of Formation

Heat of Fusion

x Fusion

Heat of Immersion

Heat of Polymerization

xx Polymerization

Heat of Reaction

Heat of Solution

xx Solubility

Heat of Sublimation

xx Sublimation

Heat of Vaporization

x Heat of Condensation
xx Vaporization

Heat-Resisting Alloys

(See also specific alloys concerned)

x High-Temperature Alloys
xx Alloys

Heat Transfer

see also Boiling

*Condensation
Convection
Heat Exchangers
Sublimation
Thermal Conductivity
Thermal Radiation*

x Cooling

Heat Flow

xx Convection

Heat Exchangers

Thermal Conductivity

Thermal Radiation

Heat Transfer Reactor Experiment

see Initial Engine Test

Heat Transfer Systems

Heat Treatment

see also Annealing

*Furnaces
Heaters
Induction Heating
Sintering*

Heaters

(Calrod, nichrome etc)

see also Furnaces

Induction Heating

xx Furnaces

Heat Treatment

Induction Furnaces

Heating

*see Induction Heating
Resistance Heating*

Heavy Particle Accelerators

see Accelerators

Heavy Water

(See headings in the form Water-d₂)

Heavy Water Components Test Reactor

see Savannah River Components Test Reactor

Heavy Water Reactors

see also Argonne Heavy Water Reactor

*Argonne Neutron Production Reactor
Argonne Research Reactor
Brittany Power Reactor (EL-4)
Brookhaven Beam Research Reactor
CANDU Reactor
Carolinas-Virginia Tube Reactor*

(Continued)

see also Chugach Power Reactor

DIDO Reactors

Florida Power Reactor

Halden Boiling Reactor

Homogeneous Reactor Experiment-III

Homogeneous Reactor Experiment-IV

Homogeneous Reactor Test

Intermediate Scale Homogeneous Reactor

JEEP Reactor

JEEP Reactor-II

MIT Research Reactor

Neutron Production Reactor

NPD Reactor

NRU Reactor

NRX Reactor

Organic-Cooled Deuterium Reactor

Plutonium Recycle Test Reactor

Saclay Reactors (Aquilon)

Saclay Reactors (EL-2)

Saclay Reactors (EL-3)

Savannah River Components Test Reactor

Savannah River Power Reactor Experiment

Savannah River Production Reactors

Savannah River Reactor Mockup

SLEEP Reactor

Swedish Reactors (R-0)

Swedish Reactors (R-3)

Thorium Breeder Reactor

ZOE Reactor

x Deuterium Oxides

Hanford Heavy Water Experimental Reactor (HWER)

Heavy Water

xx Reactors

HEDTA

see Acetic Acid, (N-Hydroxyethylethylenediamine)Tri-

Heinrichites

Helium

see also Rare Gases

Helium (Liquid)

Helium (Solid)

Helium-Ammonia Systems

see Ammonia-Helium Systems

Helium-Argon Systems

see Argon-Helium Systems

Helium-Carbon Dioxide Systems

see Carbon Dioxide-Helium Systems

Helium Cooled Reactors

see Gas Cooled Reactors

Helium Films

xx Films

Helium-Graphite Systems

see Graphite-Helium Systems

Helium-Hydrogen Systems

Helium Ion Beams (He^3)

x Beams

xx Ion Beams

Helium Ions

see also Alpha Particles

Helium Ions (He^4)

see Alpha Particles

Helium Isotopes

Helium Isotopes (Liquid)

Helium Isotopes He^3

Helium Isotopes He^3 (Liquid)

Helium Isotopes He^3 (Solid)

Helium Isotopes He^4

Helium Isotopes He^4 (Liquid)

Helium Isotopes He^4 (Solid)

Helium Isotopes He^5

Helium Isotopes He^6

Helium Isotopes He^7

Helium Isotopes He^8

Helium-Krypton Systems

Helium-Krypton-Xenon Systems

Helium-Neon Systems

Helium-Nitrogen Systems

Helium Systems

Helium-Water Systems

Helium-Xenon Systems

Hemangiomas

see Tumors

Hematin

Hematites

see also Iron Ores

xx Iron Ores

Iron Oxides

Hemato-Encephalic Barrier

Hematology

see also Blood Cells

Blood Coagulation

Blood Formation

Blood Picture

Blood Plasma

Blood Platelets

Blood Serum

Erythrocytes

Hematopoietic System

Leukocytes

Hematopoietic System

see also Blood Formation

Bone Marrow

xx Blood Formation

Bone Marrow

Hematology

Hematopoietin

Heme

Hemellitic Acid

see Xylic Acids

Hemins

x Chlorohemins

Hemispheres

Hemocyanins

Hemoglobin

see also Erythrocytes

xx Erythrocytes

Hemolysin

Hemolysis

xx Blood Diseases

Hemorrhage

see also Blood Coagulation

xx Blood Coagulation

Hemorrhagic Diseases

xx Diseases

Hemosiderin

Hemostasis

Hemostatics

Hemp

Heptadecane

x Undecane

Heparin

see also Blood Platelets

Heptadecane

n-Heptaldehyde

see Enanthaldehyde

Heptane

Heptane-Butyl Phosphate-Nitric Acid Systems

see Butyl Phosphate-Heptane-Nitric Acid Systems

Heptane, Chlorododecafluoro-

Heptane, Chloropentadecafluoro-

Heptane, Dichlorotetradecafluoro-

Heptane, Fluoro-

Heptane, Hexadecafluoro-

Heptane, Hexadecafluoro--Uranium(VI) Fluoride Systems

Heptane--Hydrogen Systems**Heptane, 2-Methyl-****Heptane, 3-Methyl-****Heptane, 2-Methyl--Benzene Systems***see Benzene-Heptane, 2-Methyl- Systems***Heptane--Sulfur Dioxide Systems****Heptane, Trichlorotridecafluoro-****Heptanoic Acid***see Enanthic Acid***1-Heptanol***x* Heptyl Alcohol**4-Heptanol, 2,6-Dimethyl-***x* Carbinol, Diisobutyl-**2-Heptanol, 2-Methyl-***x* Carbinol, Amyldimethyl-**2-Heptanol, 4-Methyl-****2-Heptanone****4-Heptanone, 2,6-Dimethyl-***see Isovalerone***3-Heptanone, 6-Dimethylamino-4,4-Diphenyl-***x* Methadon**Heptene****Heptyl Alcohol***see 1-Heptanol***n-Heptylic Acid***see Enanthic Acid***Herbicides***(See also specific herbicides, e g , Acetic Acid, 2,4-Dichlorophenoxy-)***Hermex Process***(Separation of U from fission products by amalgam formation and vaporization)**xx* Separation Processes**HERO Reactor***see Windscale Advanced Gas Cooled Reactor***Heroin (Diacetylmorphine)***see Morphines***Hesperidin***see also Vitamin P**xx* Vitamin P**Heteroauxin***see 3-Indoleacetic Acid***Heterocyclic Compounds****Heterogeneous Boiling Reactors***see Boiling Reactors***Heterogeneous Reactors***(See also specific heterogeneous reactors, e g , Argonne Research Reactor)**xx* Reactors**Heteropoly Acids***(Acids containing several different acid radicals, see also specific heteropoly acids, e g Silicomolybdic Acids)**x* Phosphomolybdic Acids

Phosphotungstic Acids

Phosphotungstomolybdic Acids

xx Acids**Hevea***xx* Rubber**Hevimet***see Copper-Nickel-Tungsten Alloys***Pewettites***xx* Vanadium Minerals **$\alpha, \alpha, \alpha', \alpha', \alpha'$ -Hexachloroxylenes***see Benzene, Bis(Trichloromethyl)-***Hexadecane****Hexadecane, Tetratriacontafuoro-****Hexadecanoic Acid***see Palmitic Acid***1-Hexadecanol***x* Cetyl Alcohol**1-Hexadecene****1,5-Hexadien-3-yne****Hexamethylenetetramine***x* Hexamine**Hexamine***see Hexamethylenetetramine***Hexanamides***xx* Amides**Hexane****Hexane, 3,4-Bis(p-Hydroxyphenyl)-****Hexane-Butyl Phosphate Systems***see Butyl Phosphate-Hexane Systems***Hexane-Butyl Phosphate-Uranyl Nitrate-Water Systems***see Butyl Phosphate-Hexane-Uranyl Nitrate-Water Systems***Hexane, 3,3-Dimethyl-****Hexane, 3-Methyl-****Hexane, Tetradecafluoro-****Hexanethiols****1-Hexanol***x* Hexyl Alcohol**1-Hexanol, 2-Ethyl-****2-Hexanol, 2-Methyl-***x* Carbinol Butyldimethyl-**1-Hexanol-Nickel Nitrate Systems****2-Hexanone, 4-Methyl-****Hexatriene, Diphenyl-****Hexene****Hexene-Anthracene Systems***see Anthracene-Hexene Systems***Hexene, Fluoro-****Hexestrol***see Phenol, p,p'-(1,2-Diethylethylene)Di-***Hexogen***see s-Triazine, Hexahydrotrinitro-***Hexol, Cyclohexane-***see Inositol***Hexone***see 2-Pentanone, 4-Methyl-***Hexoses***see also D-Allose**D-Altrose**Galactose**Glucose**Mannose**Sugars**Talose**xx* Monosaccharides**Hexyl Alcohol***see 1-Hexanol***Hexyl Methyl Ketone***see 2-Octanone***Hexyl Nitrites***xx* Nitrites**HFIR (High Flux Isotope Reactor)***see ORNL High Flux Isotope Reactor***Hibernation****HIFAR Reactor***see DIDO Reactors***High-Altitude Explosions***xx* Atomic Explosions

Explosions

High Energy Injection Devices*x* DCX (Direct Current Experiment)*xx* Thermonuclear Reactors**High Flux Australian Research Reactor***see DIDO Reactors***High Flux Beam Research Reactor (BNL)***see Brookhaven Beam Research Reactor***High Flux Isotope Reactor (HFIR)***see ORNL High Flux Isotope Reactor***High Flux Reactor***see Materials Testing Reactor Mockup***High Flux Research Reactor (Argonne)***see Argonne High Flux Research Reactor*

High Performance Reactor*(H K Ferguson Co)*

- x HPR
- xx Enriched Reactors
- Heterogeneous Reactors
- Thermal Reactors
- Water Moderated Reactors

High-Pressure Systems

- xx Pressure

High-Temperature Alloys*see Heat-Resisting Alloys***High-Temperature Corrosion**

- xx Corrosion

High Temperature Gas-Cooled Reactor (HTGR)*see Peach Bottom Power Reactor***High Temperature Gas Cooled Reactor Experiment**

- x Dragon Reactor
- HTGCR
- Zenith
- xx British Reactors
- Gas Cooled Reactors
- Graphite Moderated Reactors
- Power Reactors

High Temperature Gas Cooled Reactor Experiment (Los Alamos)*see Los Alamos Turret Reactor***High-Temperature Oxidation**

- xx Oxidation

High-Temperature Reactions

- x Reactions

High-Temperature Reactors*see Power Reactors***High Temperature Separation Processes**

(Separation of Pu and/or fission products from U or other metallic fuel by extraction with molten salts or hydroxides, or from salt or hydroxide fuels with molten metals)

- x Fused Salt Extraction Process
- Molten Metal Extraction Processes
- Pyrometallurgical Processes
- Zone Melting
- xx Separation Processes

Hilsch Tubes

- x Vortex Tubes
- xx Tubes

Hinkley Point Power Reactors*see Calder Hall Reactors***Hippuric Acid****Hippuric Acid, o-Iodo-, Sodium Salts****Hiroshima**

- xx Atomic Explosions

Hisingerites**Histamine****Histidine**

- x 4 (or 5)-Imidazolepropionic Acid, α -Amino-

Histochemistry

- xx Chemistry

Histology**Historadiography***see Radiography***HNPF (Hallam Nuclear Power Facility)***see Hallam Power Reactor***Hobo Project***see also Cowboy Project***Hodoscopes***see Coincidence Counters***Hogs***see Swine***Hoists**

- x Cranes

Holmium*see also Rare Earths***Holmium Acetylacetonates**

- xx Acetylacetonates

Holmium-Antimony Alloys*see Antimony-Holmium Alloys***Holmium Borates****Holmium Borides****Holmium Bromides****Holmium Chlorides****Holmium-Cobalt Alloys***see Cobalt-Holmium Alloys***Holmium Complexes****Holmium Compounds****Holmium Ethyl Sulfates**

- xx Ethyl Sulfates

Holmium Ferrates

- xx Ferrates

Holmium Hydrides**Holmium Ions****Holmium-Iron Alloys****Holmium Isotopes****Holmium Isotopes Ho¹⁵⁵****Holmium Isotopes Ho¹⁵⁶****Holmium Isotopes Ho¹⁵⁸****Holmium Isotopes Ho¹⁵⁹****Holmium Isotopes Ho¹⁶⁰****Holmium Isotopes Ho¹⁶¹****Holmium Isotopes Ho¹⁶²****Holmium Isotopes Ho¹⁶³****Holmium Isotopes Ho¹⁶⁴****Holmium Isotopes Ho¹⁶⁵****Holmium Isotopes Ho¹⁶⁶****Holmium Isotopes Ho¹⁶⁷****Holmium Isotopes Ho¹⁶⁸****Holmium Isotopes Ho¹⁷⁰****Holmium Magnesium Nitrates***see Magnesium Holmium Nitrates***Holmium-Manganese Alloys****Holmium-Nickel Alloys****Holmium Nitrates***see also Magnesium Holmium Nitrates***Holmium Nitrides****Holmium Oxalates**

- xx Oxalates

Holmium Oxides**Holmium Sulfates****Holmium-Yttrium Alloys****Holmium-Zirconium Alloys****Homogenates***see Tissue Homogenates***Homogeneous Boiling Reactors***see Boiling Reactors***Homogeneous Reactor Experiment**

- x Clinton Reactors
- HRE-I
- ORNL Reactors
- Slurry Reactor
- xx Homogeneous Reactors
- Power Reactors
- Water Moderated Reactors

Homogeneous Reactor Experiment-I*see Homogeneous Reactor Experiment***Homogeneous Reactor Experiment-II***see Homogeneous Reactor Test***Homogeneous Reactor Experiment-III**

- x HRE-III
- xx Heavy Water Reactors
- Homogeneous Reactors
- Power Breeder Reactors

Homogeneous Reactor Experiment-IV

- x HRE-IV
- xx Heavy Water Reactors
- Homogeneous Reactors
- Research Reactors

Homogeneous Reactor Test

- x Homogeneous Reactor Experiment-II
- HRE-II
- HRT
- ORNL Reactors
- xx Heavy Water Reactors
- Homogeneous Reactors
- Power Reactors
- Research Reactors

Homogeneous Reactors

see also Armour Research Reactor

Danger Coefficient Test Facility
Fluid Fuel Reactors
Homogeneous Reactor Experiment
Homogeneous Reactor Experiment-III
Homogeneous Reactor Experiment-IV
Homogeneous Reactor Test
Intermediate Scale Homogeneous Reactor
Los Alamos Power Reactor Experiments
Los Alamos Water Boiler
Low Power Research Reactor
North Carolina Research Reactor
Saclay Reactors (Proserpine)
Thorium Breeder Reactor
Water Boiler Neutron Sources

- x Circulating Fuel Reactors
- Circulating Moderator Reactors
- Liquid Fuel Reactors
- xx Fluid Fuel Reactors
- Reactors

Homopolar Machine

see Thermonuclear Reactors

Hoods

see Laboratory Furniture

Hope Project

Hormones

see also Adrenal Hormones

Adrenocorticotrophic Hormone
Corticosterones
Cortisone
Estrogens
Gonadal Hormones
Gonadotrophic Hormones
Parathyroid Hormones
Pituitary Hormones
Progesterone
Steroids
Steroids, 17-Keto-
Testosterone
Thyroid Hormones

Hornets

see Vespidae

Horses

- xx Animals

Hospitals

Hot Cells

see Caves

Hot-Wire Anemometers

see Anemometers

Household Furnishings

- xx Furniture

HPR

see High Performance Reactor

HRE-I

see Homogeneous Reactor Experiment

HRE-II

see Homogeneous Reactor Test

HRE-III

see Homogeneous Reactor Experiment-III

HRE-IV

see Homogeneous Reactor Experiment-IV

HRT

see Homogeneous Reactor Test

HSZA (High Strength Zirconium Alloy)

see Niobium-Tin-Zirconium Alloys

HTGC (British)

see High Temperature Gas Cooled Reactor Experiment

HTGCR

see High Temperature Gas Cooled Reactor Experiment

HTGR (High Temperature Gas-Cooled Reactor)

see Peach Bottom Power Reactor

HTRE (Heat Transfer Reactor Experiment)

see Initial Engine Test

Humboldt Bay Power Reactor

(Pacific Gas & Electric Co.)

- xx Boiling Reactors
- Power Reactors

Humic Acids

- xx Acids

Humidity

see also Hygrometers

Humites

Hummerites

Hunterston Power Reactors

see Calder Hall Reactors

Hurricane Operation

see also Monte Bello Burst

- x Operations

Huttonites

- xx Thorium Silicates

HWCTR

see Savannah River Components Test Reactor

Hyalites

Hyaluronic Acid

- xx Organic Acids

Hyaluronic Acid, Esters

Hyaluronic Acid, Sodium Salts

- xx Sodium Salts

Hyaluronidases

Hybrid Reactors

- xx Heterogeneous Reactors
- Homogeneous Reactors

Hydra

Hydracrylic Acid, β -Lactone

- x β -Propiolactone

Hydrargyrites

see Mercurates

Hydrates

Hydraulic Cements

see also Portland Cements

- xx Cements
- Portland Cements

Hydraulic Fluids

- xx Fluids

Hydraulic Packing

see also Seals and Glands

- x Packing

Hydraulic Pulse Generators

see Pulse Generators (Hydraulics)

Hydraulic Servomechanisms

see Servomechanisms

Hydraulics

see also Fluids

Hydrodynamics
Pumps
Valves

Hydrazides

Hydrazides, Isonicotinic-

see Isoniazid

Hydrazine

Hydrazine-Ammonia Systems

see Ammonia-Hydrazine Systems

Hydrazine Borates

- xx Borates

Hydrazine, Dimethyl-

Hydrazine, (2,4-Dinitrophenyl)-**Hydrazine, Phenyl-**

x Phenylhydrazine

Hydrazine, Tetrafluoro-**Hydrazoic Acid**

see also Azides

Hydrazonium Compounds**Hydrazyl, Diphenylpicryl-**

x DPPH

Picrylhydrazyl, Diphenyl

Hydride Compacts

see also Titanium Hydride Compacts

Uranium Hydride Compacts

Zirconium Hydride Compacts

xx Compacts

Hydride Complexes

see also Beryllium Hydride Complexes

Borohydride Complexes

Boron Hydride Complexes

Hydride Moderated Reactors

see Hydrogen Moderated Reactors

Hydride Powders

see also Zirconium Hydride Powders

Hydrides

(See also hydrides of specific elements)

see also Alkali Metal Hydrides

Alkaline Earth Hydrides

Borohydrides

Rare Earth Hydrides

Silicohydrides

x Metal Hydrides

Hydriodic Acid

x Hydrogen Iodides

xx Acids

Hydro

see Critical Assemblies

Hydroaromatic Complexes

x Complexes

Hydroaromatic Compounds

see also Chloroaromatic Compounds

Fluoroaromatic Compounds

x Aromatic Compounds

Hydrobromic Acid

x Hydrogen Bromides

xx Acids

Hydrobromic Acid-Hydrochloric Acid Systems**Hydrocarbon Films**

xx Carbon Films

Hydrocarbon-Fluorocarbon Systems

see Fluorocarbon-Hydrocarbon Systems

Hydrocarbon Polymers

xx Polymers

Hydrocarbons

(See also specific compounds and classes of compounds)

Hydrocarbons, Bromo-

see Bromohydrocarbons

Halocarbons

Halohydrocarbons

Hydrocarbons, Chloro-

see Chlorohydrocarbons

Halocarbons

Halohydrocarbons

Hydrocarbons, Fluoro-

see Fluorohydrocarbons

Halocarbons

Halohydrocarbons

Hydrochloric Acid

x Hydrogen Chlorides

xx Acids

Hydrochloric Acid-Alcohol Systems

see Alcohol-Hydrochloric Acid Systems

Hydrochloric Acid-Butyl Phosphate-Kerosene Systems

see Butyl Phosphate-Hydrochloric Acid-Kerosene Systems

Hydrochloric Acid-Butyl Phosphate-Naphthalene, Decahydro- Systems

see Butyl Phosphate-Hydrochloric Acid-Naphthalene, Decahydro Systems

Hydrochloric Acid-Butyl Phosphate Systems

see Butyl Phosphate-Hydrochloric Acid Systems

Hydrochloric Acid-Chlorine Fluoride Systems

see Chlorine Fluoride-Hydrochloric Acid Systems

Hydrochloric Acid-Chromium Chloride Systems

see Chromium Chloride-Hydrochloric Acid Systems

Hydrochloric Acid-Chromium Oxide Systems

see Chromium Oxide-Hydrochloric Acid Systems

Hydrochloric Acid-Ethane Systems

see Ethane-Hydrochloric Acid Systems

Hydrochloric Acid-Ethanol Systems

see Ethanol-Hydrochloric Acid Systems

Hydrochloric Acid-Ethyl Acetate Systems

see Ethyl Acetate-Hydrochloric Acid Systems

Hydrochloric Acid-Ethyl Ether Systems

see Ethyl Ether-Hydrochloric Acid Systems

Hydrochloric Acid-Hydrobromic Acid Systems

see Hydrobromic Acid-Hydrochloric Acid Systems

Hydrochloric Acid-Hydrofluoric Acid Systems**Hydrochloric Acid-Iron Chloride-Isopropyl Ether-Water Systems****Hydrochloric Acid-Isopropyl Ether Systems****Hydrochloric Acid-Isopropyl Ether-Water Systems****Hydrochloric Acid-Ketone Systems****Hydrochloric Acid-Magnesium Chloride-Nitric Acid Systems****Hydrochloric Acid-Nitric Acid Systems****Hydrochloric Acid-Phosphine Oxide, Tributyl- Systems****Hydrochloric Acid-Sulfuric Acid Systems****Hydrochloric Acid Systems**

xx Acid Systems

Hydrochloric Acid-Zinc Chloride Systems**Hydroclones**

see Cyclone Separators

Hydrocyanic Acid

x Hydrogen Cyanides

xx Acids

Hydrodynamics

see also Hydraulics

Hydrofluoric Acid

x Hydrogen Fluorides

xx Acids

Hydrofluoric Acid-Aluminum Nitrate-Nitric Acid-Thorium Nitrate Systems

see Aluminum Nitrate-Hydrofluoric Acid-Nitric Acid-Thorium Nitrate Systems

Hydrofluoric Acid-Ammonium Fluoride Systems

see Ammonium Fluoride-Hydrofluoric Acid Systems

Hydrofluoric Acid-Bromine Fluoride Systems

see Bromine Fluoride-Hydrofluoric Acid Systems

Hydrofluoric Acid-Cesium Fluoride-Potassium Fluoride Systems

see Cesium Fluoride-Hydrofluoric Acid-Potassium Fluoride Systems

Hydrofluoric Acid-Chlorine Fluoride Systems

see Chlorine Fluoride-Hydrofluoric Acid Systems

Hydrofluoric Acid-Chlorine Fluoride-Uranium(VI) Fluoride Systems

see Chlorine Fluoride-Hydrofluoric Acid-Uranium(VI) Fluoride Systems

Hydrochloric Acid-Chromium Oxide Systems

see Chromium Oxide-Hydrochloric Acid Systems

Hydrofluoric Acid Complexes**Hydrofluoric Acid-Hydrochloric Acid Systems**

see Hydrochloric Acid-Hydrofluoric Acid Systems

Hydrofluoric Acid-Hydrogen Peroxide Systems**Hydrofluoric Acid-Iodine Fluoride Systems****Hydrofluoric Acid-Lithium Fluoride-Potassium Fluoride Systems****Hydrofluoric Acid-Nitric Acid Systems****Hydrofluoric Acid-Nitrogen Oxide Systems**

Hydrofluoric Acid–Perchloric Acid Systems

Hydrofluoric Acid–Potassium Fluoride–Sodium Fluoride Systems

Hydrofluoric Acid–Potassium Fluoride Systems

Hydrofluoric Acid–Sodium Fluoborate Systems

Hydrofluoric Acid–Sodium Fluoride Systems

Hydrofluoric Acid–Sulfur Dioxide Systems

Hydrofluoric Acid–Sulfuric Acid Systems

Hydrofluoric Acid–Sulfuric Acid–Uranyl Sulfate Systems

Hydrofluoric Acid Systems

xx Acid Systems

Hydrofluoric Acid–Tungsten Oxide Systems

Hydrofluoric Acid–Uranium(VI) Fluoride Systems

Hydrofluoric Acid–Uranium(VI) Oxide Systems

Hydrofluoric Acid–Zirconium Fluoride Systems

Hydrofluoric Acid–Zirconium Systems

Hydrofluorination

see also Fluorination

xx Fluorination

Hydrofolls

see also Airfoils

xx Airfoils

Foils

Hydrogen

x Hydrogen Isotopes H^1

Protium

Hydrogen (Liquid)

Hydrogen (Solid)

Hydrogen–Ammonia Systems

see Ammonia–Hydrogen Systems

Hydrogen–Argon Systems

see Argon–Hydrogen Systems

Hydrogen–Beryllium Systems

see Beryllium–Hydrogen Systems

Hydrogen Bombs

see Thermonuclear Weapons

Hydrogen Bromides

see Hydrobromic Acid

Hydrogen Burners

x Burners

Hydrogen–Calcium Systems

see Calcium–Hydrogen Systems

Hydrogen–Carbon Dioxide–Oxygen Systems

see Carbon Dioxide–Hydrogen–Oxygen Systems

Hydrogen–Carbon Dioxide Systems

see Carbon Dioxide–Hydrogen Systems

Hydrogen–Carbon Monoxide Systems

see Carbon Monoxide–Hydrogen Systems

Hydrogen–Carbon Tetrachloride Systems

see Carbon Tetrachloride–Hydrogen Systems

Hydrogen–Cerium Systems

see Cerium–Hydrogen Systems

Hydrogen Chlorides

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Hydrogen Compounds

Hydrogen Cyanides

see Hydrocyanic Acid

Hydrogen Deuterides

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Hydrogen–Deuterium Systems

see Deuterium–Hydrogen Systems

Hydrogen–Dysprosium Systems

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Hydrogen–Erbium Systems

see Erbium–Hydrogen Systems

Hydrogen–Ethylene Systems

see Ethylene–Hydrogen Systems

Hydrogen Fluoride Ions

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Hydrogen Fluorides

see Hydrofluoric Acid

Hydrogen–Gadolinium Systems

see Gadolinium–Hydrogen Systems

Hydrogen–Gadolinium–Titanium Systems

see Gadolinium–Hydrogen–Titanium Systems

Hydrogen–Gold–Palladium Systems

see Gold–Hydrogen–Palladium Systems

Hydrogen–Hafnium Systems

see Hafnium–Hydrogen Systems

Hydrogen Halides

(*See also* specific compounds, e.g., Hydriodic Acid)

Hydrogen–Helium Systems

see Helium–Hydrogen Systems

Hydrogen–Heptane Systems

see Heptane–Hydrogen Systems

Hydrogen Iodides

see Hydriodic Acid

Hydrogen Ion Concentration

see also Deuterium Ion Concentration

x Ion Concentration

pH

xx Deuterium Ion Concentration

Hydrogen Ions

see also Protons

Hydrogen Isotopes

Hydrogen Isotopes H^1

see Hydrogen

Hydrogen Isotopes H^2

see Deuterium

Hydrogen Isotopes H^3

see Tritium

Hydrogen Isotopes H^4

Hydrogen Isotopes H^5

Hydrogen Isotopes H^7

Hydrogen–Krypton Systems

Hydrogen–Lanthanum Systems

Hydrogen–Lithium Systems

Hydrogen–Magnesium Systems

Hydrogen–Methane Systems

Hydrogen Moderated Reactors

see also Maritime Gas Cooled Reactor

Special Purpose Power Plant Reactor

x Hydride Moderated Reactors

Paraffin Moderated Reactors

xx Reactors

Hydrogen–Neodymium Systems

Hydrogen–Neon Systems

Hydrogen–Nickel–Palladium Systems

Hydrogen–Nickel–Titanium Systems

Hydrogen–Nickel–Zirconium Systems

Hydrogen–Niobium Systems

Hydrogen–Nitrogen Oxide Systems

Hydrogen–Nitrogen–Oxygen Systems

Hydrogen–Nitrogen Systems

Hydrogen–Nitrogen–Titanium Systems

Hydrogen–Oxygen–Potassium Systems

Hydrogen–Oxygen–Sodium Systems

Hydrogen–Oxygen Systems

xx Water

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Hydrogen–Oxygen–Zirconium Systems

Hydrogen–Palladium Systems

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xx Palladium Hydrides

Hydrogen Peroxide–Ammonium Fluoride Systems

see Ammonium Fluoride–Hydrogen Peroxide Systems

Hydrogen Peroxide Complexes

Hydrogen Peroxide–Hydrofluoric Acid Systems

see Hydrofluoric Acid–Hydrogen Peroxide Systems

Hydrogen Peroxide-Nitric Acid Systems**Hydrogen Peroxide-Potassium Carbonate-Uranyl Nitrate Systems****Hydrogen Peroxide-Sodium Chloride Systems****Hydrogen Peroxide-Sodium Hydroxide Systems****Hydrogen Peroxide-Water Systems****Hydrogen Peroxide-Water-d₂ Systems****Hydrogen Peroxide-d₂-Water-d₂ Systems****Hydrogen Peroxides**

xx Peroxides

Hydrogen Peroxides-d₂**Hydrogen-Plutonium Systems****Hydrogen-Praseodymium Systems****Hydrogen Selenide-Water Systems****Hydrogen Selenides**

x Selenium Hydrides

xx Selenides

Hydrogen-Sodium Systems**Hydrogen Sulfide-Deuterium Systems***see Deuterium-Hydrogen Sulfide Systems***Hydrogen Sulfide-Water Systems****Hydrogen Sulfides****Hydrogen Systems****Hydrogen-Tantalum Systems****Hydrogen Tellurides**

xx Tellurides

Hydrogen-Thorium Systems**Hydrogen-Titanium Systems***see also Titanium Hydrides***Hydrogen Tritides**

x Tritium Hydrides

xx Tritides

Hydrogen-Tritium Systems

xx Tritides

Hydrogen-Uranium Systems*see also Uranium Hydrides*

xx Uranium Hydrides

Hydrogen-Uranium-Zirconium Systems**Hydrogen-Vanadium Systems****Hydrogen-Water Systems****Hydrogen-Xenon Systems****Hydrogen-Yttrium Systems****Hydrogen-Yttrium-Zirconium Systems****Hydrogen-Yttrium-Zirconium Systems (Clad)****Hydrogen-Zirconium Systems***see also Zirconium Hydrides*

xx Zirconium Hydrides

Hydrogenation**Hydroxoethites****Hydrology****Hydrolysis**

xx Solvolysis

Hydrolytic Analysis*see Pyrohydrolytic Analysis***Hydromagnetic Waves***see also Plasma*

xx Magnetohydrodynamics

Magnetic Waves

Hydrometallurgy*see also Lyometallurgy*

xx Lyometallurgy

Metallurgy

Hydroperoxides

xx Peroxides

Hydroquinone

x Benzene, 1,4-Dihydroxy-

Hydroquinone, Tetramethyl-*see Durohydroquinone***Hydrosols***see Colloids***Hydrostatic Pressing***see Powder Metallurgy***Hydrosulfido Radical**

x Groups and Radicals

xx Radicals

Hydroxamic Acids

x Oxalohydroxamic Acids

xx Organic Acids

Hydroxide Complexes*see also Iron Hydroxide Complexes*

x Complexes

Hydroxide Moderated Reactors

xx Reactors

Hydroxide Slurries*see also Calcium Hydroxide Slurries*

Sodium Hydroxide Slurries

Thorium Hydroxide Slurries

xx Slurries

Hydroxides*(See also hydroxides of specific elements)**see also Alkali Metal Hydroxides*

Alkaline Earth Hydroxides

Ammonium Hydroxides

Rare Earth Hydroxides

Reactor Fuels (Fused Hydroxides)

x Metal Hydroxides

xx Bases

Hydroxides (Gaseous)**Hydroxides (Liquid)****Hydroxyl Ions****Hydroxyl Radical**

x Groups and Radicals

xx Radicals

Hydroxylamine**Hydroxylamine, O-Alkyl****Hydroxylamine, Ammonium- α -Naphthyl-Nitroso-***see Neocupferron***Hydroxylamine, Ammonium-Nitroso- β -Phenyl-***see Cupferron***Hydroxylamine Hydrochloride****Hydroxylamines****Hydroxylamines, Alkyl-****Hydroxylammonium Ions****4-Hydroxyquinaldic Acid***see Kynurenic Acid***Hydrials****Hygrometers**

x Meters

Psychrometers

xx Humidity

Hyperfine Structure**Hyperfragments**

xx Hyperons

Mesons

Hyperons*see also Antihyperons*

Hyperfragments

x Baryons

xx Mesons

Hyperons (Λ)**Hyperons (Λ^0)****Hyperons (Σ)****Hyperons (Σ^-)****Hyperons (Σ^0)****Hyperons (Σ^+)****Hyperons (Ξ)****Hyperons (Ξ^-)****Hyperons (Ξ^0)****Hyperplasia****Hyperthyroidism***see also Thyroid Diseases***Hypnotics****Hypo***see Los Alamos Water Boiler*

Hypochlorites*see also* Hafnium Hypochlorites

xx Chlorites

Hyponitrites

xx Nitrites

Hypophosphates*see also* Barium Hypophosphates

Neodymium Hypophosphates

Thorium Hypophosphates

Yttrium Hypophosphates

xx Phosphates

Hypophosphites*see also* Calcium Hypophosphites

xx Phosphites

Hypophosphorous Acid

xx Acids

Phosphorous Acid

Hypophysis*see* Pituitary Gland**Hypoxia***see* Anoxia**Hyposulfites***see also* Ammonium Hyposulfites**Hypsometers**

x Meters

xx Altimeters

Boiling Points

Pressure Gages

I**Ianthinites****Ice**

xx Water

Ice-*d***Ice-*d*₂****Idaho Chemical Plant***see* Arco Chemical Plant**Igneous Rocks***(See also specific species, e g , Pegmatites)**see also* Batholiths

xx Rocks

Ignitrons*see* Rectifiers**Illinium***see* Promethium**Illites**

xx Clays

Illium R Alloy*see* Nickel Alloys**Ilmenite Concretes**

xx Concretes

Ilmenites**Image Brightness Intensifiers***see also* Infrared Image Tubes**Imidazole****Imidazole, 1-Methyl-2-Mercapto-****Imidazoleacetic Acid****4(or 5)-Imidazolecarboxamide, 5(or 4)-Amino-****4(or 5)-Imidazolepropionic Acid, α -Amino-***see* Histidine**Imidazolidine, Dinitro-**

x 1,3-Diazacyclopentane, 1,3-Dinitro-

Imidazoline, 2-Heptadecyl-*see* Imidazolines**Imidazolines**

x Imidazoline, 2-Heptadecyl-

4(5)-Imidazolone, 2, 3-Dihydro-2-imino-1-methyl-*see* Creatinine**Imides***see also* Lithium Imides**Imines****Immunity****Immune System****Impact Shock**

x Impact Tests

xx Shock

Shock Waves

Impact Tests*see* Impact Shock**Impactors***see* Cascade Impactors**Impedance Bridges****Impellers****Impregnation***(See also main headings by name of the material impregnated in the form Beryllium Oxides (Impregnated))**see also* Filters (Impregnated)

Reactor Fuel Elements (Impregnated)

In-Pile Loops

x Loops

Inactivation**Incinerators**

x Burners

Incompressible Flow*see also* Compressible Flow

x Flow

xx Compressible Flow

Fluid Flow

Gas Flow

Liquid Flow

Inconel X*see* Chromium-Iron-Nickel Alloys**Indenyl Compounds****Indexes****India Ink**

xx Ink

Indian Corn*see* Maize**Indian Point Power Reactor***(Consolidated Edison Co of New York)*

x Consolidated Edison Thorium Reactor

xx Power Breeder Reactors

Pressurized Water Reactors

Indicators*see* Chemicals and Reagents

Level Indicators

Indigo Carmine

x 5,5'-Indigotindisulfonic Acid, Sodium Salts

xx Sodium Salts

5,5'-Indigotindisulfonic Acid, Sodium Salts*see* Indigo Carmine**Indium****Indium (Liquid)****Indium Acetylacetonates**

xx Acetylacetonates

Indium Alloy Foils**Indium Alloys****Indium-Aluminum Alloy Foils***see* Aluminum-Indium Alloy Foils**Indium-Aluminum Alloys***see* Aluminum-Indium Alloys**Indium-Aluminum-Beryllium-Silver Alloys***see* Aluminum-Beryllium-Indium-Silver Alloys**Indium-Aluminum-Cadmium-Silver Alloys***see* Aluminum-Cadmium-Indium-Silver Alloys**Indium-Aluminum-Cadmium-Silver-Tin Alloys***see* Aluminum-Cadmium-Indium-Silver-Tin Alloys**Indium-Aluminum-Copper Alloys***see* Aluminum-Copper-Indium Alloys**Indium-Aluminum-Lithium-Magnesium Alloys***see* Aluminum-Indium-Lithium-Magnesium Alloys**Indium-Aluminum-Silver Alloys***see* Aluminum-Indium-Silver Alloys

Indium-Aluminum-Titanium Alloys*see Aluminum-Indium-Titanium Alloys***Indium-Antimony Alloys***see Antimony-Indium Alloys***Indium-Antimony-Gallium Alloys***see Antimony-Gallium-Indium Alloys***Indium-Arsenic-Selenium Systems***see Arsenic-Indium-Selenium Systems***Indium Arsenides**

xx Arsenides

Indium-Beryllium Alloys*see Beryllium-Indium Alloys***Indium-Bismuth Alloys***see Bismuth-Indium Alloys***Indium-Bismuth-Cadmium Alloys***see Bismuth-Cadmium-Indium Alloys***Indium-Bismuth-Lead Alloys***see Bismuth-Indium-Lead Alloys***Indium-Bismuth-Lead-Tin Alloys***see Bismuth-Indium-Lead-Tin Alloys***Indium Borates****Indium Bromides****Indium-Cadmium Alloys***see Cadmium-Indium Alloys***Indium-Cadmium-Gold Alloys***see Cadmium-Gold-Indium Alloys***Indium-Cadmium-Silver Alloys***see Cadmium-Indium-Silver Alloys***Indium-Cadmium-Silver-Tin Alloys***see Cadmium-Indium-Silver-Tin Alloys***Indium-Carbon-Cobalt Systems***see Carbon-Cobalt-Indium Systems***Indium-Carbon-Iron Systems***see Carbon-Indium-Iron Systems***Indium-Carbon-Nickel Systems***see Carbon-Indium-Nickel Systems***Indium Chelates****Indium Chloride-Cadmium Chloride Systems***see Cadmium Chloride-Indium Chloride Systems***Indium Chloride Complexes**

xx Chloride Complexes

Indium Chloride-Lead Chloride Systems**Indium Chloride-Silver Chloride Systems****Indium Chloride-Sodium Chloride Systems****Indium Chloride-Zinc Chloride Systems****Indium Chlorides****Indium-Chromium-Germanium-Nickel Alloys***see Chromium-Germanium-Indium-Nickel Alloys***Indium-Chromium-Nickel-Silicon Systems***see Chromium-Indium-Nickel-Silicon Systems***Indium Complexes****Indium Compounds****Indium-Copper Alloys***see Copper-Indium Alloys***Indium-Copper-Magnesium Alloys***see Copper-Indium-Magnesium Alloys***Indium-Copper-Silver Alloys***see Copper-Indium-Silver Alloys***Indium Crystals****Indium Deuterides****Indium-Dysprosium Alloys***see Dysprosium-Indium Alloys***Indium Films**

xx Films

Indium Fluorides**Indium Foils****Indium-Gallium Alloys***see Gallium-Indium Alloys***Indium-Gallium-Tin Alloys***see Gallium-Indium-Tin Alloys***Indium-Germanium Alloys***see Germanium-Indium Alloys***Indium-Gold Alloys***see Gold-Indium Alloys***Indium-Gold-Tin Alloys***see Gold-Indium-Tin Alloys***Indium Halides****Indium Hydrides****Indium Hydroxides****Indium-Indium Oxide-Water Systems****Indium-Indium Sulfide Systems****Indium Iodides****Indium Ions****Indium Ions (Recoil)**

xx Recoil Ions

Indium-Iron Alloys**Indium Isotopes****Indium Isotopes In¹⁰⁷****Indium Isotopes In¹⁰⁸****Indium Isotopes In¹⁰⁹****Indium Isotopes In¹¹⁰****Indium Isotopes In¹¹¹****Indium Isotopes In¹¹²****Indium Isotopes In¹¹³****Indium Isotopes In¹¹⁴****Indium Isotopes In¹¹⁵****Indium Isotopes In¹¹⁶****Indium Isotopes In¹¹⁷****Indium Isotopes In¹¹⁸****Indium Isotopes In¹¹⁹****Indium Isotopes In¹²⁰****Indium Isotopes In¹²¹****Indium Isotopes In¹²³****Indium-Lead Alloys****Indium-Lead-Tin-Uranium Alloys****Indium-Lithium Alloys****Indium-Lithium-Magnesium-Zinc Alloys****Indium-Magnesium Alloys****Indium-Mercury Alloys****Indium-Mercury-Thallium Alloys****Indium Minerals****Indium-Nickel Alloys****Indium-Nickel-Silicon Systems****Indium Nitrides****Indium Oxide-Europium Oxide Systems***see Europium Oxide-Indium Oxide Systems***Indium Oxide-Indium-Water Systems***see Indium-Indium Oxide-Water Systems***Indium Oxides****Indium-Palladium Alloys****Indium Phosphides**

xx Phosphides

Indium-Phosphorus Systems**Indium-Platinum Alloys****Indium-Plutonium Alloys****Indium Selenides****Indium Selenites**

xx Selenites

Indium-Silver Alloys**Indium-Silver-Tin Alloys****Indium Sulfates****Indium Sulfide-Indium Systems***see Indium-Indium Sulfide Systems***Indium Sulfides****Indium-Sulfur Systems****Indium Tellurides**

xx Tellurides

Indium-Thallium Alloys**Indium-Thorium Alloys****Indium-Thorium Oxide Systems****Indium-Tin Alloys****Indium-Titanium Alloys****Indium-Uranium Alloys****Indium-Zinc Alloys**

Indium-Zirconium Alloys**Indole****Indole, 3-(2-Aminoethyl)-**

x Tryptamine

Indole, Dihydroxymethyl-**Indole, 2-Methyl-****3-Indoleacetic Acid**

x Heteroauxin

3-Indolepropionic Acid, α -Amino-*see* Tryptophan**Indoles, 3-(2-Aminoethyl)-****5-Indolol, 3-(2-Aminoethyl)-**

x Serotonin

Indophenols**Indoxyl, Dihydroxymethyl-****Induced Radioactivity**

xx Radioactivity

Induction*see* Nuclear Induction**Induction Accelerators***see* Betatrons**Induction Furnaces***see also* Furnaces

Heaters

x Electric Furnaces

xx Furnaces

Induction Heating

x Heating

xx Heat Treatment

Heaters

Industrial Hygiene**Industrial Management****Inert Gases***see* Rare Gases**Inertia Pumps**

xx Pumps

Infections*(See also specific bacteria, diseases, organs, etc.)**see also* Bacteremia

Pulmonary Infection

Influenza Virus

xx Viruses

Information Retrieval Systems*see also* Data Recording Systems

xx Data Recording Systems

Infrared Gas Analyzers

x Analyzers

xx Gas Analyzers

Infrared Image Tubes

xx Cathode-Ray Tubes

Electron Tubes

Image Brightness Intensifiers

Tubes

Infrared Optical Systems

xx Optical Systems

Infrared Radiation*see also* Thermal Radiation

xx Electromagnetic Waves

Light

Radiation

Thermal Radiation

Infrared Radiation Shielding*see* Thermal Insulation

Thermal Radiation Shielding

Infrared Spectra

xx Spectra

Infrared Spectrometers

xx Spectrometers

Infrared Spectroscopy

xx Spectroscopy

Infusions*see* Injections**Infusoria***see* Protozoa**Infusorial Earth***see* Diatomaceous Earth**Inhibition***see* Corrosion Inhibitors

Fretting-Corrosion Inhibitors

Inhours*see* Multiplication Factor**Initial Engine Test**

x Engine Test

Heat Transfer Reactor Experiment

HTRE

Initial Systems Test

LPT Reactor

R-1 Reactor

TSM Reactor

ZPT Reactor

xx Aircraft Reactors

Initial Systems Test*see* Initial Engine Test**Injections***(See also materials injected, organs, etc.)**see also* Syringes

x Infusions

xx Syringes

Injectors*see* Fuel Injectors

Syringes

Injuries*see* Lung Injuries

Radiation Injuries

Scars

Trauma

Wounds

Ink*see also* India Ink**Inor 8 Alloy***see* Chromium-Iron-Molybdenum-Nickel Alloys**Inosine Phosphates**

xx Phosphates

Inositol

x Hexol, Cyclohexane-

Insecticides*(See also specific insecticides, e.g., Pyrophosphoramide,**Octamethyl- and Ethane, 1,1,1-Trichloro-2,2-Bis-(p-Chlorophenyl)-)*

x Arachnicides

Miticides

Insects*(See also specific insects.)**see also* Larvae

xx Entomology

Insemination**Inspection***see* Fluorescent Penetrant Inspection

Magnetic Particle Inspection

Sonic Inspection

Inspection and Control

x Control

xx Atomic Energy

Instruments*(Common instruments are entered directly, e.g., Pressure Gages and Voltmeters. See also various processes for pertinent instrumentation.)**see also* Electronic Equipment

Gages

Meteorological Instruments

Radiation Detection Instruments

Radiation Detectors

Insulation*see* Electric Insulators

Thermal Insulation

Insulators

- see *Ceramic Insulators*
- Electric Insulators*
- Thermal Insulation*

Insulin**Integrating Alarm**

- see *Radiation Detection Instruments (Ion Current Type)*

Integrators

- see *Current Integrators*
- Pulse Integrators*
- Radiation Detection Instruments (Ion Current Type)*

Interchange Instability

- see *Pinch Effect*

Intercoolers

- x *Coolers*
- xx *Heat Exchangers (Gas-Gas)*

Interfaces

- see *Diffusion*

Interferometers

- see also *Optical Systems*
- Spectrometers*
- x *Meters*

Interior Department Reactor

- see *Experimental Low-Temperature Process Heat Reactor*

Intermediate Energy Power Breeder

- see *KAPL Intermediate Power Breeder*

Intermediate Phases

- see *Constitution Diagrams*
- Phase Studies*

Intermediate Reactors

- see also *Aircraft Reactor Experiment (LM-FP)*
- KAPL Intermediate Power Breeder*
- Submarine Intermediate Reactor*

- x *Resonance Reactors*
- xx *Reactors*

Intermediate Scale Homogeneous Reactor

- x *ISHR*
- xx *Heavy Water Reactors*
- Homogeneous Reactors*
- Research Reactors*

Intermetallic Compounds

- (Specific intermetallic compounds are indexed as alloys. The constituents are arranged in alphabetical order, and one entry is made under the name of the first constituent.)

- x *Compounds*
- xx *Alloys*
- Metal Compounds*

Intermolecular Forces

- x *Molecular Forces*

Internal Combustion Engines

- see also *Aircraft Engines*
- Piston Engines*

- x *Combustion Engines*
- Engines*
- xx *Piston Engines*

Internal Conversion

- x *Conversion*
- xx *Conversion Electrons*

Internal Friction

- xx *Friction*

International Atomic Energy Agency**Intestine**

- see also *Gastrointestinal Tract*

Inulin**Inulin Space**

- xx *Body Fluids*

Invar

- see *Iron-Nickel Alloys*

Invertase**Invertebrates****Iodate Complexes**

- x *Complexes*

Iodates

- (See also *iodates of specific elements*)

- see also *Periodates*

- Zirconium Hydroxyiodates*

Iodic Acid

- xx *Acids*

Iodide Complexes

- see also *Mercury Iodide Complexes*
- x *Complexes*

Iodide Crystals

- see also *Potassium Iodide Crystals*
- Rubidium Iodide Crystals*
- Sodium Iodide Crystals*

- xx *Crystals*

Iodide Ions**Iodides**

- (See also *iodides of specific elements*)

- see also *Ammonium Chloriodides, Tetramethyl-*

- Ammonium Iodides*

- Butyryl Iodide, Heptafluoro-*

- Chloriodides*

- Oxyiodides*

Iodination**Iodine**

- see also *Halogens*

Iodine-Argon Systems

- see *Argon-Iodine Systems*

Iodine Bromides

- x *Bromine Iodides*

Iodine Chlorides**Iodine Complexes****Iodine Compounds****Iodine Cyanides**

- see *Cyanogen Iodides*

Iodine-Ethane, Iodo- Systems

- see *Ethane, Iodo--Iodine Systems*

Iodine Fluoride-Hydrofluoric Acid Systems

- see *Hydrofluoric Acid-Iodine Fluoride Systems*

Iodine Fluorides

- x *Iodine Heptafluoride*

Iodine Heptafluoride

- see *Iodine Fluorides*

Iodine Ions**Iodine Ions (Recoil)**

- xx *Recoil Ions*

Iodine Isotopes**Iodine Isotopes I117****Iodine Isotopes I118****Iodine Isotopes I119****Iodine Isotopes I120****Iodine Isotopes I121****Iodine Isotopes I122****Iodine Isotopes I123****Iodine Isotopes I124****Iodine Isotopes I125****Iodine Isotopes I126****Iodine Isotopes I127****Iodine Isotopes I128****Iodine Isotopes I129****Iodine Isotopes I130****Iodine Isotopes I131****Iodine Isotopes I132****Iodine Isotopes I133****Iodine Isotopes I134****Iodine Isotopes I135****Iodine Isotopes I136****Iodine Isotopes I137****Iodine Isotopes I138****Iodine Isotopes I139****Iodine-Methane, Iodo- Systems****Iodine Oxides****Iodine-Pyridine Systems**

Iodine Systems**Iodoform**

x Methane, Triiodo-

Iodogorgonic Acid

see Tyrosine, 3,5-Diiodo-

Iodomercurates

see also Potassium Iodomercurates

Silver Iodomercurates

xx Mercurates

Iodonium, Diphenyl- Ions**Iodoorganic Compounds**

xx Haloorganic Compounds

Iodoplatinates

see also Potassium Iodoplatinates

xx Platinates

Iodorhenates

see also Ammonium Iodorhenates

Potassium Iodorhenates

xx Rhenates

Iometer

see Radiation Detection Instruments (Ion Current Type)

Ion Beams

(See also headings for beams identified by particles, e g., Neutron Beams and Molecular Beams)

see also Accelerators

Beryllium Ion Beams

Carbon Ion Beams

Carbon Ion Beams (C^{13})

Carbon Ion Beams (C^{18})

Charged Particle Beams

Helium Ion Beams (He^3)

Ion Sources

Lithium Ion Beams

Nitrogen Ion Beams

Oxygen Ion Beams (O^{16})

Sodium Ion Beams

Tritium Ion Beams

x Beams

xx Charged Particle Beams

Molecular Beams

Ion Chambers

see Cloud-Ion Chambers

Ion Complexes

(See also headings for specific ions and compounds)

x Complexes

Ion Current Type Radiation Detection Instruments

see Radiation Detection Instruments (Ion Current Type)

Ion Exchange

see also Adsorption

Electrodeionization

Ion Exchange Processes

Ion Exchangers

x Base Exchange

Deionization

Resin Ion Exchange

xx Electrodeionization

Ion Exchange Materials

(See also specific materials, e g., Resins)

see also Anion Exchange Materials

Cation Exchange Materials

x Organic Zeolites

Zeolites

xx Resins

Ion Exchange Processes

see also Adsorption Separation Processes

x Exchange Processes

Processes

xx Adsorption Separation Processes

Ion Exchange

Separation Processes

Ion Exchangers

xx Extraction Apparatus

Ion Exchange

Ion Gages

see Ion Sources

Vacuum Gages

Ion Pair Production

xx Pair Production

Ion Pumps

xx Pumps

Ion-Scattering Analysis

xx Analysis

Ion Sources

(Covering ions from nonradioactive sources, for radioactive sources

see headings identified by emitted radiation, e g., Alpha Sources,

see also Nitrogen Ion Sources

x Ion Gages

Sources

xx Ion Beams

Mass Spectrometers

Radiation Sources

Ionium

see Thorium Isotopes Th^{230}

Ionization

see also Dissociation

Electrolytic Ionization

Recoil Ionization

Ionization Chambers

see also Cloud-Ion Chambers

Geiger-Mueller Tubes

Proportional Detectors

x Extrapolation Chambers

xx Fission Chambers

Radiation Detectors

Ionization Potentials

x Potential

 β -Ionone

(4-(2,6,6-Trimethyl 1-Cyclohexen-1-yl)-3-Buten-2-one)

Ionosphere

xx Atmosphere

Ions

(See also headings for ions by name, e g., Uranium(IV) Ions)

see also Anions

Cations

Charged Particles

Electrolytic Ions

Gaseous Ions

Recoil Ions

x Metal Ions

Iridates

see also Bromoiridates

Chloroiridates

Fluoiridates

Iridin**Iridium**

see also Platinum Metals

Iridium-Carbon-Rhodium Systems

see Carbon-Iridium-Rhodium Systems

Iridium-Carbon Systems

see Carbon-Iridium Systems

Iridium-Cerium Alloys

see Cerium-Iridium Alloys

Iridium Chlorides**Iridium Complexes****Iridium Compounds****Iridium Couples****Iridium-Europium Alloys**

see Europium-Iridium Alloys

Iridium Fluorides**Iridium-Gadolinium Alloys**

see Gadolinium-Iridium Alloys

Iridium-Hafnium Alloys

see Hafnium-Iridium Alloys

Iridium-Hafnium-Nickel Alloys

see Hafnium-Iridium-Nickel Alloys

Iridium Isotopes**Iridium Isotopes Ir¹⁸²****Iridium Isotopes Ir¹⁸³****Iridium Isotopes Ir¹⁸⁴****Iridium Isotopes Ir¹⁸⁶****Iridium Isotopes Ir¹⁸⁶****Iridium Isotopes Ir¹⁸⁷****Iridium Isotopes Ir¹⁸⁸****Iridium Isotopes Ir¹⁸⁹****Iridium Isotopes Ir¹⁹⁰****Iridium Isotopes Ir¹⁹¹****Iridium Isotopes Ir¹⁹²****Iridium Isotopes Ir¹⁹³****Iridium Isotopes Ir¹⁹⁴****Iridium Isotopes Ir¹⁹⁵****Iridium Isotopes Ir¹⁹⁶****Iridium Isotopes Ir¹⁹⁷****Iridium-Lanthanum Alloys****Iridium-Neodymium Alloys****Iridium-Niobium Alloys****Iridium-Osmium Alloys****Iridium Oxides****Iridium-Oxygen-Titanium Systems****Iridium-Oxygen-Zirconium Systems****Iridium-Palladium Alloys****Iridium-Platinum Alloys****Iridium-Plutonium Alloys****Iridium-Praseodymium Alloys****Iridium-Rhodium Alloys****Iridium-Ruthenium Alloys****Iridium-Scandium Alloys****Iridium-Silicon Systems****Iridium Sulfides****Iridium-Tantalum Alloys****Iridium-Thorium Alloys****Iridium-Thorium Oxide Systems****Iridium-Tin-Uranium-Zirconium Alloys****Iridium-Titanium Alloys****Iridium-Tungsten Alloys****Iridium-Uranium Alloys****Iridium-Vanadium Alloys****Iridium-Yttrium Alloys****Iridium-Zirconium Alloys****Iron***see also Austenite**Cast Iron**Malleable Iron**Martensites**Steel**Transition Metals***x** *Globeiron***Iron (Liquid)****Iron Acetates****Iron Alloys****Iron-Aluminum Alloys***see Aluminum-Iron Alloys***Iron-Aluminum-Aluminum Oxide Systems***see Aluminum-Aluminum Oxide-Iron Systems***Iron-Aluminum-Beryllium Alloys***see Aluminum-Beryllium-Iron Alloys***Iron-Aluminum-Boron-Chromium Carbide-Molybdenum-Titanium Carbide Systems***see Aluminum-Boron-Chromium Carbide-Iron-Molybdenum-Titanium Carbide Systems***Iron-Aluminum-Boron-Chromium Carbide-Titanium Carbide Systems***see Aluminum-Boron-Chromium Carbide-Iron-Titanium Carbide Systems***Iron-Aluminum-Boron-Chromium-Titanium Carbide Systems***see Aluminum-Boron-Chromium-Iron-Titanium Carbide Systems***Iron-Aluminum-Boron-Molybdenum Carbide-Titanium Carbide Systems***see Aluminum-Boron-Iron-Molybdenum Carbide-Titanium Carbide Systems***Iron-Aluminum-Boron Systems***see Aluminum-Boron-Iron Systems***Iron-Aluminum-Boron-Titanium Carbide Systems***see Aluminum-Boron-Iron-Titanium Carbide Systems***Iron-Aluminum-Boron-Titanium Carbide-Vanadium Carbide Systems***see Aluminum-Boron-Iron-Titanium Carbide-Vanadium Carbide Systems***Iron-Aluminum-Carbon Systems***see Aluminum-Carbon-Iron Systems***Iron-Aluminum-Cerium Alloys***see Aluminum-Cerium-Iron Alloys***Iron-Aluminum-Cerium-Molybdenum Alloys***see Aluminum-Cerium-Iron-Molybdenum Alloys***Iron-Aluminum-Cerium-Vanadium Alloys***see Aluminum-Cerium-Iron-Vanadium Alloys***Iron-Aluminum-Chromium Alloys***see Aluminum-Chromium-Iron Alloys***Iron-Aluminum-Chromium Coatings***see Aluminum-Chromium-Iron Coatings***Iron-Aluminum-Chromium-Cobalt Alloys***see Aluminum-Chromium-Cobalt-Iron Alloys***Iron-Aluminum-Chromium-Manganese-Nickel Alloys***see Aluminum-Chromium-Iron-Manganese-Nickel Alloys***Iron-Aluminum-Chromium-Molybdenum-Nickel-Titanium Alloys***see Aluminum-Chromium-Iron-Molybdenum-Nickel-Titanium Alloys***Iron-Aluminum-Chromium-Molybdenum-Titanium Alloys***See Aluminum-Chromium-Iron-Molybdenum-Titanium Alloys***Iron-Aluminum-Chromium-Nickel Alloys***see Aluminum-Chromium-Iron-Nickel Alloys***Iron-Aluminum-Chromium-Nickel-Niobium-Titanium Alloys***see Aluminum-Chromium-Iron-Nickel-Niobium-Titanium Alloys***Iron-Aluminum-Chromium-Nickel-Titanium Alloys***see Aluminum-Chromium-Iron-Nickel-Titanium Alloys***Iron-Aluminum-Chromium-Niobium Alloys***see Aluminum-Chromium-Iron-Niobium Alloys***Iron-Aluminum-Chromium-Nitrogen Systems***see Aluminum-Chromium-Iron-Nitrogen Systems***Iron-Aluminum-Chromium-Palladium Alloys***see Aluminum-Chromium-Iron-Palladium Alloys***Iron-Aluminum-Chromium-Palladium-Tantalum Alloys***see Aluminum-Chromium-Iron-Palladium-Tantalum Alloys***Iron-Aluminum-Chromium-Palladium-Tungsten Alloys***see Aluminum-Chromium-Iron-Palladium-Tungsten Alloys***Iron-Aluminum-Chromium-Titanium Alloys***see Aluminum-Chromium-Iron-Titanium Alloys***Iron-Aluminum-Chromium-Yttrium Alloys***see Aluminum-Chromium-Iron-Yttrium Alloys***Iron-Aluminum-Cobalt-Copper-Nickel Alloys***see Aluminum-Cobalt-Copper-Iron-Nickel Alloys***Iron-Aluminum-Cobalt-Nickel Alloys***see Aluminum-Cobalt-Iron-Nickel Alloys***Iron-Aluminum-Cobalt-Nickel-Titanium Alloys***see Aluminum-Cobalt-Iron-Nickel-Titanium Alloys***Iron-Aluminum Compacts***see Aluminum-Iron Compacts***Iron-Aluminum Compacts (Clad)***see Aluminum-Iron Compacts (Clad)***Iron-Aluminum-Copper Alloys***see Aluminum-Copper-Iron Alloys***Iron-Aluminum-Copper-Nickel Alloys***see Aluminum-Copper-Iron-Nickel Alloys***Iron-Aluminum Couples***see Aluminum-Iron Couples***Iron-Aluminum-Magnesium Alloys***see Aluminum-Iron-Magnesium Alloys***Iron-Aluminum-Manganese Alloys***see Aluminum-Iron-Manganese Alloys***Iron-Aluminum-Molybdenum Alloys***see Aluminum-Iron-Molybdenum Alloys***Iron-Aluminum-Molybdenum-Nickel Alloys**

see *Aluminum-Iron-Molybdenum-Nickel Alloys*
 Iron-Aluminum-Molybdenum-Niobium-Titanium Alloys
see *Aluminum-Iron-Molybdenum-Niobium-Titanium Alloys*
 Iron-Aluminum-Molybdenum-Niobium-Titanium-Tungsten Alloys
see *Aluminum-Iron-Molybdenum-Niobium-Titanium-Tungsten Alloys*
 Iron-Aluminum-Molybdenum-Titanium Alloys
see *Aluminum-Iron-Molybdenum-Titanium Alloys*
 Iron-Aluminum-Molybdenum-Uranium Alloys
see *Aluminum-Iron-Molybdenum-Uranium Alloys*
 Iron-Aluminum-Nickel Alloys
see *Aluminum-Iron-Nickel Alloys*
 Iron-Aluminum-Nickel-Niobium Alloys
see *Aluminum-Iron-Nickel-Niobium Alloys*
 Iron-Aluminum-Niobium Alloys
see *Aluminum-Iron-Niobium Alloys*
 Iron-Aluminum-Niobium-Tantalum Alloys
see *Aluminum-Iron-Niobium-Tantalum Alloys*
 Iron-Aluminum-Oxide-Silicon Systems
see *Aluminum Oxide-Iron-Silicon Systems*
 Iron-Aluminum-Oxide Systems
see *Aluminum Oxide-Iron Systems*
 Iron-Aluminum-Oxygen Systems
see *Aluminum-Iron-Oxygen Systems*
 Iron-Aluminum-Silicon Systems
see *Aluminum-Iron-Silicon Systems*
 Iron-Aluminum-Tantalum Alloys
see *Aluminum-Iron-Tantalum Alloys*
 Iron-Aluminum-Tantalum-Zirconium Alloys
see *Aluminum-Iron-Tantalum-Zirconium Alloys*
 Iron-Aluminum-Titanium Alloys
see *Aluminum-Iron-Titanium Alloys*
 Iron-Aluminum-Titanium Carbide Systems
see *Aluminum-Iron-Titanium Carbide Systems*
 Iron-Aluminum-Titanium-Vanadium Alloys
see *Aluminum-Iron-Titanium-Vanadium Alloys*
 Iron-Aluminum-Uranium Alloys
see *Aluminum-Iron-Uranium Alloys*
 Iron-Aluminum-Vanadium Alloys
see *Aluminum-Iron-Vanadium Alloys*
 Iron-Aluminum-Zirconium Alloys
see *Aluminum-Iron-Zirconium Alloys*
 Iron(II) Ammonium Sulfates
see *Ammonium Iron(II) Sulfates*
 Iron-Antimony Alloys
see *Antimony-Iron Alloys*
 Iron-Arsenic-Carbon Systems
see *Arsenic-Carbon-Iron Systems*
 Iron-Arsenic Systems
see *Arsenic-Iron Systems*
 Iron-Beryllium Alloys
see *Beryllium-Iron Alloys*
 Iron-Beryllium Carbide Systems
see *Beryllium Carbide-Iron Systems*
 Iron-Beryllium-Chromium Alloys
see *Beryllium-Chromium-Iron Alloys*
 Iron-Beryllium-Cobalt-Nickel Alloys
see *Beryllium-Cobalt-Iron-Nickel Alloys*
 Iron-Beryllium-Nickel Alloys
see *Beryllium-Iron-Nickel Alloys*
 Iron-Beryllium-Uranium Alloys
see *Beryllium-Iron-Uranium Alloys*
 Iron-Beryllium-Zirconium Alloys
see *Beryllium-Iron-Zirconium Alloys*
Iron, Biscyclopentadienyl-
see also *Ferrocenes*
 Iron Boride-Iron Systems
see *Iron-Iron Boride Systems*
Iron Borides
 Iron-Boron Carbide Coatings
see *Boron Carbide-Iron Coatings*
 Iron-Boron Carbide Systems
see *Boron Carbide-Iron Systems*

Iron-Boron Carbide-Tin-Zirconium Systems
see *Boron Carbide-Iron-Tin-Zirconium Systems*
 Iron-Boron-Chromium-Nickel Systems
see *Boron-Chromium-Iron-Nickel Systems*
 Iron-Boron-Chromium-Nickel-Silicon Systems
see *Boron-Chromium-Iron-Nickel-Silicon Systems*
 Iron-Boron-Chromium-Nickel-Titanium Carbide Systems
see *Boron-Chromium-Iron-Nickel-Titanium Carbide Systems*
 Iron-Boron-Copper-Silicon Systems
see *Boron-Copper-Iron-Silicon Systems*
 Iron-Boron Systems
see *Boron-Iron Systems*
Iron Bromides
 Iron-Calcium Boride Systems
see *Calcium Boride-Iron Systems*
 Iron-Calcium Boride Systems (Clad)
see *Calcium Boride-Iron Systems (Clad)*
Iron Carbides
 Iron-Carbon-Chromium-Manganese-Nitrogen Systems
see *Carbon-Chromium-Iron-Manganese-Nitrogen Systems*
 Iron-Carbon-Chromium-Manganese Systems
see *Carbon-Chromium-Iron-Manganese Systems*
 Iron-Carbon-Chromium-Nickel Systems
see *Carbon-Chromium-Iron-Nickel Systems*
 Iron-Carbon-Chromium-Nitrogen-Titanium Systems
see *Carbon-Chromium-Iron-Nitrogen-Titanium Systems*
 Iron-Carbon-Cobalt Systems
see *Carbon-Cobalt-Iron Systems*
 Iron-Carbon-Copper Systems
see *Carbon-Copper-Iron Systems*
 Iron-Carbon-Germanium Systems
see *Carbon-Germanium-Iron Systems*
 Iron-Carbon-Indium Systems
see *Carbon-Indium-Iron Systems*
 Iron-Carbon-Lead-Nickel Systems
see *Carbon-Iron-Lead-Nickel Systems*
 Iron-Carbon-Magnesium Systems
see *Carbon-Iron-Magnesium Systems*
 Iron-Carbon-Manganese-Silicon Systems
see *Carbon-Iron-Manganese-Silicon Systems*
 Iron-Carbon-Manganese Systems
see *Carbon-Iron-Manganese Systems*
 Iron-Carbon-Molybdenum Systems
see *Carbon-Iron-Molybdenum Systems*
 Iron-Carbon-Nickel Systems
see *Carbon-Iron-Nickel Systems*
 Iron-Carbon-Silicon Systems
see *Carbon-Iron-Silicon Systems*
 Iron-Carbon Systems
see *Carbon-Iron Systems*
 Iron-Carbon-Tin Systems
see *Carbon-Iron-Tin Systems*
 Iron-Carbon-Titanium Systems
see *Carbon-Iron-Titanium Systems*
 Iron-Carbon-Titanium-Vanadium Systems
see *Carbon-Iron-Titanium-Vanadium Systems*
 Iron-Carbon-Uranium Systems
see *Carbon-Iron-Uranium Systems*
 Iron-Carbon-Zinc Systems
see *Carbon-Iron-Zinc Systems*
Iron Carbonates
Iron Carbonyls
 xx Carbonyls
 Iron-Cerium Alloys
see *Cerium-Iron Alloys*
 Iron-Cerium-Cobalt Alloys
see *Cerium-Cobalt-Iron Alloys*
 Iron-Cerium-Plutonium Alloys
see *Cerium-Iron-Plutonium Alloys*
 Iron-Cerium-Silicon Systems
see *Cerium-Iron-Silicon Systems*

Iron Chelates*see also* Iron Complexes

xx Iron Complexes

Iron Chloride–Aluminum Chloride–Titanium Chloride Systems

see Aluminum Chloride–Iron Chloride–Titanium Chloride Systems

Iron(III) Chloride–Butyl Phosphate–Kerosene–Water Systems

see Butyl Phosphate–Iron(III) Chloride–Kerosene–Water Systems**Iron Chloride Complexes**

xx Chloride Complexes

Iron Chloride–Hydrochloric Acid–Isopropyl Ether–Water Systems

see Hydrochloric Acid–Iron Chloride–Isopropyl Ether–Water Systems**Iron Chloride–Isopropyl Ether–Water Systems****Iron Chloride–Lithium Chloride Systems****Iron Chloride–Niobium Chloride–Titanium Chloride Systems****Iron Chloride–Potassium Chloride Systems****Iron Chloride–Sodium Chloride Systems****Iron Chloride–Sodium Chloride–Titanium Chloride Systems****Iron Chloride–Titanium Chloride Systems****Iron Chlorides****Iron(II) Chlorides****Iron(III) Chlorides**

Iron–Chromium Alloys

see Chromium–Iron Alloys

Iron–Chromium–Cobalt Alloys

see Chromium–Cobalt–Iron Alloys

Iron–Chromium–Cobalt–Manganese–Molybdenum–Nickel Alloys

see Chromium–Cobalt–Iron–Manganese–Molybdenum–Nickel Alloys

Iron–Chromium–Cobalt–Molybdenum–Nickel Alloys

see Chromium–Cobalt–Iron–Molybdenum–Nickel Alloys

Iron–Chromium–Cobalt–Molybdenum–Nickel–Niobium–Tungsten Alloys

see Chromium–Cobalt–Iron–Molybdenum–Nickel–Niobium–Tungsten Alloys

Iron–Chromium–Cobalt–Nickel Alloys

see Chromium–Cobalt–Iron–Nickel Alloys

Iron–Chromium–Cobalt–Tungsten Alloys

see Chromium–Cobalt–Iron–Tungsten Alloys

Iron–Chromium–Cobalt–Vanadium Alloys

see Chromium–Cobalt–Iron–Vanadium Alloys

Iron–Chromium–Copper–Molybdenum–Nickel Alloys

see Chromium–Copper–Iron–Molybdenum–Nickel Alloys

Iron–Chromium–Copper–Nickel Alloys

see Chromium–Copper–Iron–Nickel Alloys

Iron–Chromium Crystals

see Chromium–Iron Crystals

Iron–Chromium–Europium Oxide–Nickel Systems

see Chromium–Europium Oxide–Iron–Nickel Systems

Iron–Chromium–Gadolinium Alloys

see Chromium–Gadolinium–Iron Alloys

Iron–Chromium–Gadolinium–Nickel Alloys

see Chromium–Gadolinium–Iron–Nickel Alloys

Iron–Chromium–Manganese Alloys

see Chromium–Iron–Manganese Alloys

Iron–Chromium–Manganese–Molybdenum–Nickel–Silicon Systems

see Chromium–Iron–Manganese–Molybdenum–Nickel–Silicon Systems

Iron–Chromium–Manganese–Molybdenum–Nickel–Titanium Alloys

see Chromium–Iron–Manganese–Molybdenum–Nickel–Titanium Alloys

Iron–Chromium–Manganese–Molybdenum–Nickel–Tungsten Alloys

see Chromium–Iron–Manganese–Molybdenum–Nickel–Tungsten Alloys

Iron–Chromium–Manganese–Molybdenum–Titanium Alloys

see Chromium–Iron–Manganese–Molybdenum–Titanium Alloys

Iron–Chromium–Manganese–Molybdenum–Titanium–Vanadium Alloys

see Chromium–Iron–Manganese–Molybdenum–Titanium–Vanadium Alloys

Iron–Chromium–Manganese–Nickel Alloys

see Chromium–Iron–Manganese–Nickel Alloys

Iron–Chromium–Manganese–Nickel–Silicon Systems

see Chromium–Iron–Manganese–Nickel–Silicon Systems

Iron–Chromium–Manganese–Silicon Systems

see Chromium–Iron–Manganese–Silicon Systems

Iron–Chromium–Molybdenum Alloys

see Chromium–Iron–Molybdenum Alloys

Iron–Chromium–Molybdenum–Nickel Alloys

see Chromium–Iron–Molybdenum–Nickel Alloys

Iron–Chromium–Molybdenum–Nickel–Titanium Alloys

see Chromium–Iron–Molybdenum–Nickel–Titanium Alloys

Iron–Chromium–Molybdenum–Nickel–Uranium Nitride Systems (Clad)

see Chromium–Iron–Molybdenum–Nickel–Uranium Nitride Systems (Clad)

Iron–Chromium–Molybdenum–Silicon Systems

see Chromium–Iron–Molybdenum–Silicon Systems

Iron–Chromium–Molybdenum–Titanium Alloys

see Chromium–Iron–Molybdenum–Titanium Alloys

Iron–Chromium–Molybdenum–Tungsten Alloys

see Chromium–Iron–Molybdenum–Tungsten Alloys

Iron–Chromium–Molybdenum–Vanadium Alloys

see Chromium–Iron–Molybdenum–Vanadium Alloys

Iron–Chromium–Molybdenum–Yttrium Alloys

see Chromium–Iron–Molybdenum–Yttrium Alloys

Iron–Chromium–Nickel Alloys

see Chromium–Iron–Nickel Alloys

Iron–Chromium–Nickel Coatings

see Chromium–Iron–Nickel Coatings

Iron–Chromium–Nickel–Niobium Alloys

see Chromium–Iron–Nickel–Niobium Alloys

Iron–Chromium–Nickel–Titanium Alloys

see Chromium–Iron–Nickel–Titanium Alloys

Iron–Chromium–Nickel–Titanium Carbide Systems

see Chromium–Iron–Nickel–Titanium Carbide Systems

Iron–Chromium–Nickel–Tungsten Alloys

see Chromium–Iron–Nickel–Tungsten Alloys

Iron–Chromium–Nickel–Uranium Alloys

see Chromium–Iron–Nickel–Uranium Alloys

Iron–Chromium–Nickel–Uranium Carbide Systems

see Chromium–Iron–Nickel–Uranium Carbide Systems

Iron–Chromium–Niobium–Vanadium Alloys

see Chromium–Iron–Niobium–Vanadium Alloys

Iron–Chromium–Nitrogen–Titanium Systems

see Chromium–Iron–Nitrogen–Titanium Systems

Iron–Chromium–Oxygen Systems

see Chromium–Iron–Oxygen Systems

Iron–Chromium–Rhenium Alloys

see Chromium–Iron–Rhenium Alloys

Iron–Chromium–Silicon Systems

see Chromium–Iron–Silicon Systems

Iron–Chromium–Titanium Alloys

see Chromium–Iron–Titanium Alloys

Iron–Chromium–Tungsten Alloys

see Chromium–Iron–Tungsten Alloys

Iron–Chromium–Uranium Alloy Couples

see Chromium–Uranium Alloy–Iron Couples

Iron–Chromium–Uranium Alloys

see Chromium–Iron–Uranium Alloys

Iron–Chromium–Uranium Oxide Systems

see Chromium–Iron–Uranium Oxide Systems

Iron–Chromium–Yttrium Alloys

see Chromium–Iron–Yttrium Alloys**Iron Coatings**

Iron–Cobalt Alloys

see Cobalt–Iron Alloys

Iron–Cobalt–Molybdenum Alloys

see Cobalt–Iron–Molybdenum Alloys

Iron–Cobalt–Molybdenum–Nickel Alloys

see Cobalt–Iron–Molybdenum–Nickel Alloys

Iron–Cobalt–Nickel Alloys

see Cobalt–Iron–Nickel Alloys

Iron–Cobalt–Nickel–Plutonium Alloys

see Cobalt–Iron–Nickel–Plutonium Alloys

Iron–Cobalt–Nickel–Titanium Alloys

see Cobalt–Iron–Nickel–Titanium Alloys

Iron–Cobalt–Nickel–Tungsten Alloys

see Cobalt-Iron-Nickel-Tungsten Alloys

Iron-Cobalt-Palladium Alloys

see Cobalt-Iron-Palladium Alloys

Iron-Cobalt-Silicon Systems

see Cobalt-Iron-Silicon Systems

Iron-Cobalt-Sulfur Systems

see Cobalt-Iron-Sulfur Systems

Iron-Cobalt-Vanadium Alloys

see Cobalt-Iron-Vanadium Alloys

Iron Compacts

see also Iron Powders

xx Iron Powders

Iron Complexes

see also Iron Chelates

xx Iron Chelates

Iron(II) Complexes

see also Ferrous

Iron Compounds

see also Ferrates

Ferrites

Iron(II) Compounds

x Ferrous Compounds

Iron(III) Compounds

x Ferric Compounds

Iron-Copper Alloys

see Copper-Iron Alloys

Iron-Copper Couples

see Copper-Iron Couples

Iron-Copper-Magnesium-Silicon Systems

see Copper-Iron-Magnesium-Silicon Systems

Iron-Copper-Manganese-Nickel Alloys

see Copper-Iron-Manganese-Nickel Alloys

Iron-Copper-Molybdenum Alloys

see Copper-Iron-Molybdenum Alloys

Iron-Copper-Nickel Alloy Couples

see Copper-Nickel Alloy-Iron Couples

Iron-Copper-Nickel Alloys

see Copper-Iron-Nickel Alloys

Iron-Copper-Phosphorus Systems

see Copper-Iron-Phosphorus Systems

Iron Crucibles

xx Crucibles

Iron Crystals

Iron Cyanides

see also Cesium Ferrocyanides

Cesium Zinc Ferrocyanides

Cobalt Ferricyanides

Gadolinium Ferrocyanides

Lanthanum Ferricyanides

Lithium Ferrocyanides

Nickel Ferrocyanides

Plutonium Ferrocyanides

Potassium Ferricyanides

Potassium Ferrocyanides

Rubidium Ferrocyanides

Sodium Ferrocyanides

Uranyl Ferrocyanides

Zinc Ferrocyanides

Zirconium Ferrocyanides

x Ferricyanides

Ferrocyanides

xx Cyanides

Iron-Dysprosium Alloys

see Dysprosium-Iron Alloys

Iron Electrodes

xx Electrodes

Iron-Europium Oxide Systems

see Europium Oxide-Iron Systems

Iron Films

xx Films

Iron Fluoride Complexes

xx Fluoride Complexes

Iron Fluorides

Iron(II) Fluorides

Iron(III) Fluorides

Iron-Gadolinium Alloys

see Gadolinium-Iron Alloys

Iron-Gallium Alloys

see Gallium-Iron Alloys

Iron-Germanium Alloys

see Germanium-Iron Alloys

Iron-Gold Alloys

see Gold-Iron Alloys

Iron-Hafnium Alloys

see Hafnium-Iron Alloys

Iron-Holmium Alloys

see Holmium-Iron Alloys

Iron Hydrides

Iron Hydroxide Complexes

xx Hydroxide Complexes

Iron Hydroxides

Iron(II) Hydroxides

Iron(III) Hydroxides

Iron-Indium Alloys

see Indium-Iron Alloys

Iron Iodides

Iron Ions

Iron(II) Ions

Iron(III) Ions

Iron-Iron Boride Systems

Iron-Iron Oxide Systems

Iron Isotopes

Iron Isotopes Fe⁵²

Iron Isotopes Fe⁵³

Iron Isotopes Fe⁵⁴

Iron Isotopes Fe⁵⁵

Iron Isotopes Fe⁵⁶

Iron Isotopes Fe⁵⁷

Iron Isotopes Fe⁵⁸

Iron Isotopes Fe⁵⁹

Iron Isotopes Fe⁶⁰

Iron Isotopes Fe⁶¹

Iron-Lanthanum Alloys

Iron-Lead Couples

Iron-Lead-Nickel Alloys

Iron Lead Niobates

see Lead Iron Niobates

Iron Lead Tantallates

see Lead Iron Tantallates

Iron-Magnesium Alloys

Iron-Magnesium Compacts

Iron-Magnesium Oxide Systems

Iron-Magnesium-Phosphorus Systems

Iron-Magnesium-Silicon Systems

Iron-Manganese Alloys

Iron-Manganese-Nickel Alloys

Iron-Manganese-Silicon Systems

Iron-Manganese-Tin Alloys

Iron-Manganese-Titanium Alloys

Iron-Manganese-Uranium Alloys

Iron-Mercury Alloys

Iron-Mercury Couples

Iron Minerals

Iron Molds

xx Molds

Iron Molybdates

xx Molybdates

Iron-Molybdenum Alloys

Iron-Molybdenum Crystals

Iron-Molybdenum-Nickel Alloys

x Hastelloy B

Iron-Molybdenum-Nickel-Silicon Systems

Iron-Molybdenum-Nickel-Tungsten Alloys

Iron-Molybdenum-Niobium Alloys

Iron-Molybdenum-Rhenium Alloys
 Iron-Molybdenum-Silicon Systems
 Iron-Molybdenum-Titanium Alloys
 Iron-Molybdenum-Uranium Alloys
 Iron-Nickel Alloys

x Invar

Iron-Nickel Coatings
 Iron-Nickel Couples
 Iron-Nickel-Niobium Alloys
 Iron-Nickel-Oxygen Systems
 Iron-Nickel-Palladium-Tungsten Alloys
 Iron-Nickel-Platinum-Tungsten Alloys
 Iron-Nickel-Ruthenium-Tungsten Alloys
 Iron-Nickel-Silicon Systems
 Iron-Nickel-Tantalum Alloys
 Iron-Nickel-Thorium-Tungsten Alloys
 Iron-Nickel-Tin-Zirconium Alloys
 Iron-Nickel-Titanium Alloys
 Iron-Nickel-Titanium-Tungsten Alloys
 Iron-Nickel-Tungsten Alloys
 Iron-Nickel-Tungsten-Vanadium Alloys
 Iron-Nickel-Uranium Alloys
 Iron-Nickel-Zirconium Alloys
 Iron Niobates

see also Lead Iron Niobates

xx Niobates

Iron-Niobium Alloys
 Iron-Niobium-Titanium-Vanadium Alloys
 Iron-Niobium-Vanadium Alloys
 Iron-Niobium-Zinc Alloys
 Iron-Niobium-Zirconium Alloys
 Iron Nitrate-Nitric Acid Systems
 Iron Nitrates
 Iron(II) Nitrates
 Iron(III) Nitrates
 Iron Nitrides
 Iron-Nitrogen Systems
 Iron Ores

(See also specific ores, e.g., Hematites and Magnetites)

xx Hematites

Ores

Iron Oxalates
 xx Oxalates

Iron Oxide-Aluminum Oxide Systems

see Aluminum Oxide-Iron Oxide Systems

Iron(III) Oxide-Barium Oxide Systems

see Barium Oxide-Iron(III) Oxide Systems

Iron Oxide-Calcium Oxide-Silicon Oxide Systems

see Calcium Oxide-Iron Oxide-Silicon Oxide Systems

Iron Oxide-Calcium Oxide Systems

see Calcium Oxide-Iron Oxide Systems

Iron Oxide-Chromium Oxide-Silicon Oxide Systems

see Chromium Oxide-Iron Oxide-Silicon Oxide Systems

Iron Oxide Crystals

xx Oxide Crystals

Iron Oxide-Ethylene Polymer Systems

see Ethylene Polymer-Iron Oxide Systems

Iron Oxide Films

xx Oxide Films

Iron Oxide-Gadolinium Oxide Systems

see Gadolinium Oxide-Iron Oxide Systems

Iron Oxide-Iron Systems

see Iron-Iron Oxide Systems

Iron Oxide-Iron Titanate Systems

Iron Oxide-Lanthanum Oxide Systems

Iron Oxide-Lithium Oxide-Nickel Oxide Systems

Iron Oxide-Magnesium Oxide Systems

Iron Oxide-Manganese Oxide-Silicon Oxide Systems

Iron Oxide-Nickel Oxide-Zinc Oxide Systems

Iron Oxide-Niobium Oxide Systems

Iron Oxide-Scandium Oxide Systems

Iron Oxide-Silicon Oxide Systems

Iron Oxide-Silicon Oxide-Zirconium Oxide Systems

Iron Oxide-Sodium Oxide Systems

Iron Oxide-Uranium Oxide Systems

Iron Oxide-Zirconium Oxide Systems

Iron Oxides

see also Hematites

Magnetites

x Rust

xx Magnetites

Iron Oxides (Liquid)

Iron(II) Oxides

Iron(III) Oxides

Iron-Oxygen-Sulfur Systems

Iron-Oxygen Systems

Iron-Oxygen-Titanium Systems

Iron-Oxygen-Zirconium Systems

Iron-Palladium Alloys

Iron-Palladium Couples

Iron Perchlorates

xx Perchlorates

Iron Phosphates

Iron-Phosphorus-Sulfur Systems

Iron-Phosphorus Systems

Iron-Platinum Alloys

Iron-Plutonium Alloys

Iron-Plutonium Oxide Systems

Iron-Plutonium-Uranium Alloys

Iron Powders

xx Iron Compacts

Powders

Iron Pyrites

see Pyrites

Iron-Rare Earth Alloys

Iron-Rhenium Alloys

Iron Salts

see also Toluenesulfonic Acid, Iron(III) Salts

Iron-Samarium Alloys

Iron-Selenium Systems

Iron Silicates

xx Silicates

Iron Silicates (Liquid)

Iron Silicides

xx Silicides

Iron-Silicon Crystals

Iron-Silicon Systems

Iron-Silicon-Titanium Systems

Iron-Silicon-Tungsten Systems

Iron-Silicon-Uranium Systems

Iron-Silver Alloys

Iron-Silver Couples

Iron Sulfamates

xx Sulfamates

Iron(III) Sulfate Complexes

xx Sulfate Complexes

Iron Sulfate-Copper Sulfate-Formic Acid-Sulfuric Acid Systems

see Copper Sulfate-Formic Acid-Iron Sulfate-Sulfuric Acid Systems

Iron Sulfate-Copper Sulfate Systems

see Copper Sulfate-Iron Sulfate Systems

Iron(II) Sulfate-Formic Acid-Oxygen Systems

see Formic Acid-Iron(II) Sulfate-Oxygen Systems

Iron Sulfate-Sulfuric Acid Systems

Iron Sulfates

see also Ammonium Iron(II) Sulfates

Iron(II) Sulfates

Iron(III) Sulfates

Iron Sulfide-Cobalt Sulfide-Nickel Sulfide Systems

see Cobalt Sulfide-Iron Sulfide-Nickel Sulfide Systems

Iron Sulfide-Cobalt Sulfide Systems

see Cobalt Sulfide-Iron Sulfide Systems

Iron Sulfide-Copper Sulfide Systems

see Copper Sulfide-Iron Sulfide Systems

Iron Sulfide Crystals

xx Sulfide Crystals
Iron Sulfides
see also Pyrites
Trailites
 xx Troilites
Iron Sulfides (Liquid)
Iron–Sulfur Systems
Iron Systems
Iron Tantalates
see also Lead Iron Tantalates
 xx Tantalates
Iron–Tantalum Alloys
Iron–Tantalum Boride Systems
Iron–Tellurium Systems
Iron–Thorium Alloys
Iron–Thorium Compacts
Iron–Tin–Zirconium Alloys
 x Zircaloy-3
Iron–Tin–Zirconium–Zirconium Boride Systems
Iron Titanate–Iron Oxide Systems
see Iron Oxide–Iron Titanate Systems
Iron Titanates
 xx Titanates
Iron–Titanium Alloys
Iron–Titanium Boride Systems
Iron–Titanium Boride–Tungsten Carbide Systems
Iron–Titanium Carbide Systems
Iron–Titanium–Vanadium Alloys
Iron–Titanium–Yttrium Alloys
Iron–Titanium–Zirconium Alloys
Iron–Tungsten Alloys
Iron–Uranium Alloys
Iron–Uranium Nitride Systems
Iron–Uranium(IV) Oxide Compacts
Iron–Uranium(IV) Oxide Compacts (Stainless Steel Clad)
 xx Stainless Steel Coatings
Iron–Uranium Oxide Systems
Iron–Vanadium Alloys
Iron–Water Systems
Iron–Yttrium Alloys
Iron–Zinc Alloys
Iron–Zinc Couples
Iron–Zirconium Alloys
Irradiation Capsules
see Radiation Target Cans
Irradiation Chambers
see Radiation Exposure Chambers
Irradiation Facilities
see also Food Irradiation Facilities
In-pile Loops
Radiation Sources
Research Reactors
 xx Radiation Sources
Research Reactors
Irradiation Techniques
see also Radiation Target Cans
Radiobiology
Radiotherapy
Irradiations
ISHR
see Intermediate Scale Homogeneous Reactor
Isoamyl Alcohol
see 1-Butanol, 3-Methyl-
Isobutane
see Propane, 2-Methyl-
Isobutene
see Propene, 2-Methyl-
Isobutyl Alcohol
The form isobutyl is used when the group is a substituent
see 1-Propanol, 2-Methyl-
Isobutyric Acid
 x Propionic Acid 2-Methyl

xx Organic Acids
Isobutyric Acid, Ethyl Ester
Isobutyric Acid, Sodium Salts
 x Sodium Isobutyrate
 xx Sodium Salts
Isocaproic Acid, Sodium Salts
 x Sodium Isocaproate
 xx Sodium Salts
Isocitric Acid
 x Tricarballic Acid, α -Hydroxy-
 xx Organic Acids
Isocrotonic Acid
see Crotonic Acid
Isocyanates
see also Germanium Isocyanates
Phosphorus Isocyanates
Phosphoryl Isocyanates
Silicon Isocyanates
Isocyanides
 x Isonitriles
 xx Cyanides
 β -Isodurylic Acid
 x Benzoic Acid, 2,4,6-Trimethyl-
 Mesitoic Acid
Isoguanine, 9- β -D-Ribofuranosyl-
see Crotonoside
Isoleucine
Isomeric Transition
see also Nuclear Isomers
Isomers
see Chemical Isomerism
Nuclear Isomers
Isoniazid
 x Isonicotinic Acid Hydrazide
Isonicotinic Acid
 x 4-Pyridinecarboxylic Acid
 xx Organic Acids
Isonicotinic Acid Hydrazide
see Isoniazid
Isonipecotic Acid, 1-Methyl-4-Phenyl-
 x Piperidine, 1-Methyl-4-Phenyl-4-Carboxy-
Isonipecotic Acid, 1-Methyl-4-Phenyl-, Ethyl Ester
 x Demerol
Isonipecotic Acid, 1-Methyl-4-Phenyl-, Ethyl Ester Chlorohydrates
Isonitriles
see Isocyanides
Isopentane
see Butane, 2-Methyl-
Isopentyl Acetate
see Acetic Acid, Isopentyl Ester
Isopentyl Alcohol
see 1-Butanol, 3-Methyl-
Isophthalaldehydic Acid, 2-Hydroxy-
Isophthalic Acid
 x *m*-Benzenedicarboxylic Acid
Isoprene
see 1,3-Butadiene, 2-Methyl-
Isopropyl Alcohol
see 2-Propanol
Isopropyl Ether
Isopropyl Ether–Acetic Acid–Water Systems
see Acetic Acid–Isopropyl Ether–Water Systems
Isopropyl Ether–Hydrochloric Acid–Iron Chloride–Water Systems
see Hydrochloric Acid–Iron Chloride–Isopropyl Ether–Water Systems
Isopropyl Ether–Hydrochloric Acid Systems
see Hydrochloric Acid–Isopropyl Ether Systems
Isopropyl Ether–Hydrochloric Acid–Water Systems
see Hydrochloric Acid–Isopropyl Ether–Water Systems
Isopropyl Ether–Iron Chloride–Water Systems
see Iron Chloride–Isopropyl Ether–Water Systems
Isopropyl Iodide
see Propane, 2-Iodo-

Isopropyl Nitrates

xx Nitrates

Isoquinoline**Isoquinoline, 3-Methyl-****Isothiocyanic Acid**

xx Organic Acids

Isothiocyanic Acid, Methyl Ester**Isotope Effects****Isotope Production Reactors***see* Production Reactors**Isotope Separation Methods**

xx Separation Processes

Isotopes*(See also specific isotopes)**see also* Halogen Isotopes

Radioisotopes

Rare Earth Isotopes

Stable Isotopes

Tracer Techniques

Isotopic Dilution*see* Isotopic Equilibration**Isotopic Equilibration**

x Dilution Methods

Equilibration

Isotopic Dilution

xx Analysis

Isotopic Exchange**Isotrons**

xx Calutrons

Electromagnetic Separation

Mass Spectrometers

Isovaleric Acid

x Butanoic Acid, 3-Methyl-

Isovaleric Acid, α -Amino-*see* Valine**Isovaleric Acid, Sodium Salts**

xx Sodium Salts

Isovalerone

x 4-Heptanone, 2,6-Dimethyl-

Isoxylic Acid*see* Xylic Acids**Itaconic Acid****Itaconic Acid, Dimethyl Ester**

x Dimethyl Itaconate

Item Burst

xx Atomic Explosions

Greenhouse Operation

Ivy Operation

x Operations

Ixion*see* Magnetic Mirror Machines**J****Jackets***see* Slug Cans

Slug Jackets

Jangle Operation

x Operations

xx Buster Operation

Jangle S Burst

x Surface Bursts (Atomic)

xx Atomic Explosions

Jangle Operation

Jangle U Burst

x Underground Burst (Atomic)

xx Atomic Explosions

Jangle Operation

Japanese Atomic Energy Commission**Jaundice****Jaws****JEEP Reactor***(Norwegian-Dutch Heavy Water Reactor)*

x Dutch-Norwegian Heavy Water Reactor

Norwegian-Dutch Heavy Water Reactor

xx Heavy Water Reactors

Research Reactors

JEEP Reactor-II

xx Heavy Water Reactors

Research Reactors

JEN-1*see* Spanish Reactors (JEN 1)**Jet Engine Fuels***(See also specific compounds used as fuels)**see also* Fluid Propellants

Solid Propellants

xx Fluid Propellants

Fuels

Jet Engines*see* Ramjet Engines

Turbojet Engines

Jet Propulsion

xx Propulsion

Jet Pumps

x Jet Transfer Devices

xx Pumps

Vacuum Pumps

Jet Transfer Devices*see* Jet Pumps

Pumps

Jets*see also* Liquid Jets**Jezebel***see* Critical Assemblies**Job 15 (Kellex Corporation)***see* Redox Process**Joints***see also* Brazed Joints

Pipe Joints

Riveted Joints

Welded Joints

Journal Bearings

xx Bearings

Jug*see* Pinch Devices**Juggernaut***see* Argonne Low Power Research Reactor**Jumbo Reactor**

xx Hantord Production Reactors

K**k***see* Multiplication Factor**K-49***see* Production Reactors**K-Capture***see* Electron Capture**K Mesons***see* Mesons (K)**K Particles***see* Mesons (K)**Kaiser Gas Cooled Reactor***see also* Experimental Gas Cooled Reactor

x Partially Enriched Gas Cooled Power Reactor

PEGCPR

xx Gas Cooled Reactors

Graphite Moderated Reactors

Power Reactors

Kanthal A*see* Aluminum-Chromium-Cobalt-Iron Alloys**Kaolinites**

xx Aluminum Silicates

Kaolins

- x China Clay
- xx Clays

Kaons

see Mesons (K)

KAPL Intermediate Power Breeder

- x Intermediate Energy Power Breeder
Schenectady Resonance Reactor
West Milton Reactor
WMA Reactor
- xx Beryllium Moderated Reactors
Breeder Reactors
Enriched Reactors
Heterogeneous Reactors
Intermediate Reactors
Power Reactors

KAPL Intermediate Power Breeder Critical Experiments

- x Critical Experiments
PPA
SAPL Assemblies

KAPL Plutonium Power Breeder Reactor

- x Fast Oxide Breeder
KPPB Reactor
Plutonium Power Breeder Reactor

- xx Power Breeder Reactors

KAPL Proof Test Reactor

- x Proof Test Reactor
- xx Pressurized Water Reactors
Research Reactors

KAPL Thermal Test Reactor

see also Nuclear Test Reactor

- x Thermal Test Reactors
TTR
- xx Graphite Moderated Reactors
Research Reactors

Kappa Mesons

see Mesons (K_μ)

Kappa Particles

see Mesons (K_{μ3})

Kappons

see Mesons (K_{μ3})

Kasolites**Kel-F**

see Ethylene, Chlorotrifluoro- Polymers

Keratins**Kerogen****Kerosene**

- x Amisco

Kerosene-Acetone, Thenoyltrifluoro-Butyl Phosphate Systems

see Acetone, Thenoyltrifluoro-Butyl Phosphate-Kerosene Systems

Kerosene-Benzene-Butyl Phosphate Systems

see Benzene-Butyl Phosphate-Kerosene Systems

Kerosene-Butyl Phosphate-Hydrochloric Acid Systems

see Butyl Phosphate-Hydrochloric Acid-Kerosene Systems

Kerosene-Butyl Phosphate-Methanol-Water Systems

see Butyl Phosphate-Kerosene-Methanol-Water Systems

Kerosene-Butyl Phosphate-Nitric Acid Systems

see Butyl Phosphate-Kerosene-Nitric Acid Systems

Kerosene-Butyl Phosphate-Nitric Acid-Thorium Nitrate Systems

see Butyl Phosphate-Kerosene-Nitric Acid-Thorium Nitrate Systems

Kerosene-Butyl Phosphate Systems

see Butyl Phosphate-Kerosene Systems

Kerosene-Butyl Phosphate-Thorium Nitrate-Water Systems

see Butyl Phosphate-Kerosene-Thorium Nitrate-Water Systems

Kerosene-Butyl Phosphate-Uranium Nitrate Systems

see Butyl Phosphate-Kerosene-Uranium Nitrate Systems

Kerosene-Butyl Phosphate-Water Systems

see Butyl Phosphate-Kerosene-Water Systems

Ketene**Ketene Polymers**

- xx Polymers

Keto Acids

see Oxo Acids

Ketols**Ketone, Butyl Phenyl**

see Valerophenone

Ketone, Cyclobutyl Methyl**Ketone, Cyclopropyl Methyl****Ketone, Cyclopropyl Phenyl****Ketone, Dibenzyl**

see 2-Propanone, 1,3-Diphenyl-

Ketone-Hydrochloric Acid Systems

see Hydrochloric Acid-Ketone Systems

Ketone, Methyl 2-Pyrrolyl

- x Pyrrole, 2-Acetyl-

Ketone, Methyl 2-Thienyl**Ketones**

see also Diketones

Triketones

- xx Diketones

Ketones, α-Halo-**Ketoximes**

see Oximes

Kevatrons

see also Cockcroft-Walton Accelerators

- xx Accelerators
Cockcroft-Walton Accelerators
Linear Accelerators

KEWB

see Reactor Safety Experiments

Kicksorter

see Pulse Analyzers

Kidneys**Kieselguhr**

see Diatomaceous Earth

Kilns

see also Furnaces

Ovens

- x Burners
Calciners
- xx Furnaces
Ovens

Kinetic Experiments on Water Boilers (KEWB)

see Reactor Safety Experiments

Kinetics

*see Electrokinetics
Reaction Mechanisms*

Kink Instability

see Pinch Effect

Kiwi Reactor

see Rocket Reactors (Kiwi)

Klystrons

see Electron Tubes

Knothole Operation

see Upshot-Knothole Operation

Kojic Acid

see 4-Pyrone, 5-Hydroxy-2-(Hydroxymethyl)-

Kok-Saghyz**Kolms****Kovar**

see Cobalt-Iron-Nickel Alloys

KPPB Reactor

see KAPL Plutonium Power Breeder Reactor

Krypton

see also Rare Gases

Krypton (Solid)**Krypton-Argon Systems**

see Argon-Krypton Systems

Krypton-Argon-Xenon Systems

see Argon-Krypton-Xenon Systems

Krypton-Helium Systems

see Helium-Krypton Systems

Krypton-Helium-Xenon Systems

see Helium-Krypton-Xenon Systems

Krypton-Hydrogen Systems

see Hydrogen-Krypton Systems

Krypton Ions

Krypton Isotopes

Krypton Isotopes Kr⁷⁴

Krypton Isotopes Kr⁷⁵

Krypton Isotopes Kr⁷⁶

Krypton Isotopes Kr⁷⁷

Krypton Isotopes Kr⁷⁸

Krypton Isotopes Kr⁷⁹

Krypton Isotopes Kr⁸⁰

Krypton Isotopes Kr⁸¹

Krypton Isotopes Kr⁸²

Krypton Isotopes Kr⁸³

Krypton Isotopes Kr⁸⁴

Krypton Isotopes Kr⁸⁵

Krypton Isotopes Kr⁸⁶

Krypton Isotopes Kr⁸⁷

Krypton Isotopes Kr⁸⁸

Krypton Isotopes Kr⁸⁹

Krypton Isotopes Kr⁹⁰

Krypton Isotopes Kr⁹¹

Krypton Isotopes Kr⁹³

Krypton Isotopes Kr⁹⁴

Krypton Isotopes Kr⁹⁵

Krypton Isotopes Kr⁹⁷

Krypton-Neon Systems

Krypton-Nitrogen Systems

Krypton-Oxygen Systems

Krypton-Radon Systems

Krypton-Xenon Systems

Kyanites

Kynurenic Acid

x 4-Hydroxyquinolonic Acid

xx Organic Acids

Kynurenine

x Glutaconic Acid, γ -Amino- α -(*o*-Aminophenyl)-

L

L-6 Reactor

see Water Boiler Neutron Sources

L-Capture

see Electron Capture

L Mesons

see Mesons (L)

L Particles

see Mesons (L)

Laboratories

(Design and construction, e.g., ventilation (including hood exhausts), heating, lighting, waste disposal, construction materials, and services)

see also Caves

Field Laboratories

xx Ventilation

Laboratory Equipment

(This does not include plant-scale equipment)

see also Decontamination of Equipment

Remote-Control Equipment

Servomechanisms

xx Equipment and Procedures

Motors

Remote-Control Equipment

Servomechanisms

Titration Equipment

Laboratory Furniture

(Including hoods, benches, sinks, etc.)

see also Dry Boxes

x Hoods

xx Caves

Equipment and Procedures

Furniture

Lactams

Lactases

Lactates

see also Ammonium Lactates

Gallium Lactates

Hafnium Lactates

Zinc Lactates

Zirconium Lactates

Lactic Acid

xx Organic Acids

Lactic Acid Complexes

Lactic Acid, 3,3'-Dinitro-

Lactones

Lactose

Lakes

see Surface Waters

Lambda Hyperons

see Hyperons (Λ)

Laminar Flow

see Fluid Flow (Laminar)

Gas Flow (Laminar)

Laminates

xx Plastics

Laminates (Clad)

LAMPRE

see Los Alamos Molten Plutonium Reactor Experiments

Lamps

see Sodium Vapor Lamps

Language

Lanthanides (Type 4f rare earths)

see Rare Earths

Lanthanons

see Rare Earths

Lanthanum

see also Rare Earths

Lanthanum Acetates

xx Acetates

Lanthanum Alloys

Lanthanum Aluminate-Barium Titanate Systems

see Barium Titanate-Lanthanum Aluminate Systems

Lanthanum Aluminates

xx Aluminates

Lanthanum-Aluminum Alloys

see Aluminum-Lanthanum Alloys

Lanthanum Aluminum Sulfides

see Aluminum Lanthanum Sulfides

Lanthanum Barium Titanates

see Barium Lanthanum Titanates

Lanthanum-Beryllium Alloys

see Beryllium-Lanthanum Alloys

Lanthanum Borates

Lanthanum Boride-Cerium Boride Systems

see Cerium Boride-Lanthanum Boride Systems

Lanthanum Borides

xx Borides

Lanthanum-Boron Systems

see Boron-Lanthanum Systems

Lanthanum Bromides

Lanthanum-Calcium Alloys

see Calcium-Lanthanum Alloys

Lanthanum Carbides

Lanthanum-Carbon Systems

see Carbon-Lanthanum Systems

Lanthanum Carbonates

Lanthanum-Cerium Alloys

see Cerium-Lanthanum Alloys

Lanthanum Chelates

Lanthanum Chloride-Ammonia Systems

see Ammonia-Lanthanum Chloride Systems

Lanthanum Chloride-Calcium Chloride Systems

see Calcium Chloride-Lanthanum Chloride Systems

Lanthanum Chloride–Cesium Chloride Systems

see Cesium Chloride–Lanthanum Chloride Systems

Lanthanum Chloride–Lanthanum Systems

see Lanthanum–Lanthanum Chloride Systems

Lanthanum Chloride–Potassium Chloride Systems

Lanthanum Chloride–Sodium Chloride Systems

Lanthanum Chlorides

Lanthanum Chromites

xx Chromites

Lanthanum–Chromium Alloys

see Chromium–Lanthanum Alloys

Lanthanum–Cobalt Alloys

see Cobalt–Lanthanum Alloys

Lanthanum Cobalt Oxides

see Cobalt Lanthanum Oxides

Lanthanum Complexes

Lanthanum Compounds

Lanthanum–Copper Alloys

see Copper–Lanthanum Alloys

Lanthanum Crystals

Lanthanum Cyanocobaltates (III)

xx Cyanocobaltates

Lanthanum Ethyl Sulfates

xx Ethyl Sulfates

Lanthanum Ferrates

xx Ferrates

Lanthanum Ferricyanides

xx Cyanides
Iron Cyanides

Lanthanum Ferrites

xx Ferrites

Lanthanum Fluoride–Beryllium Fluoride–Potassium Fluoride Systems

see Beryllium Fluoride–Lanthanum Fluoride–Potassium Fluoride Systems

Lanthanum Fluoride Process

(Wet B)

x Processes

Wet B Separation Process

Wet Fluoride Process

xx Separation Processes

Lanthanum Fluorides

Lanthanum Fluosilicates

xx Fluosilicates

Lanthanum Formates

xx Formates

Lanthanum–Gadolinium Alloys

see Gadolinium–Lanthanum Alloys

Lanthanum Gallates

xx Gallates

Lanthanum Gallium Sulfides

see Gallium Lanthanum Sulfides

Lanthanum Halides

Lanthanum Hydrides

Lanthanum–Hydrogen Systems

see Hydrogen–Lanthanum Systems

Lanthanum Hydroxides

Lanthanum Iodates

Lanthanum Iodides

Lanthanum Ions

Lanthanum–Iridium Alloys

see Iridium–Lanthanum Alloys

Lanthanum–Iron Alloys

see Iron–Lanthanum Alloys

Lanthanum Isotopes

Lanthanum Isotopes La¹²⁶

Lanthanum Isotopes La¹²⁸

Lanthanum Isotopes La¹³⁰

Lanthanum Isotopes La¹³¹

Lanthanum Isotopes La¹³²

Lanthanum Isotopes La¹³³

Lanthanum Isotopes La¹³⁴

Lanthanum Isotopes La¹³⁵

Lanthanum Isotopes La¹³⁶

Lanthanum Isotopes La¹³⁷

Lanthanum Isotopes La¹³⁸

Lanthanum Isotopes La¹³⁹

Lanthanum Isotopes La¹⁴⁰

Lanthanum Isotopes La¹⁴¹

Lanthanum Isotopes La¹⁴²

Lanthanum Isotopes La¹⁴³

Lanthanum Isotopes La¹⁴⁴

Lanthanum–Lanthanum Chloride Systems

Lanthanum–Lutetium Alloys

Lanthanum–Magnesium Alloys

Lanthanum Magnesium Nitrates

see Magnesium Lanthanum Nitrates

Lanthanum Manganates

see also Strontium Lanthanum Manganates(IV)

xx Manganates

Lanthanum–Manganese Alloys

Lanthanum Manganese Oxides

xx Manganese Oxides

Lanthanum–Mercury Alloys

Lanthanum–Neodymium Alloys

Lanthanum–Nickel Alloys

Lanthanum Nickel Oxides

xx Nickel Oxides

Lanthanum Nickelates

xx Nickelates

Lanthanum Niobates

xx Niobates

Lanthanum Nitrates

see also Magnesium Lanthanum Nitrates

Lanthanum Nitrides

Lanthanum–Osmium Alloys

Lanthanum Oxalates

Lanthanum Oxide–Boron Oxide Systems

see Boron Oxide–Lanthanum Oxide Systems

Lanthanum Oxide Crucibles

xx Oxide Crucibles

Lanthanum Oxide–Erbium Oxide Systems

see Erbium Oxide–Lanthanum Oxide Systems

Lanthanum Oxide–Lutetium Oxide Systems

Lanthanum Oxide–Praseodymium Oxide Systems

Lanthanum Oxide–Thorium Oxide Systems

Lanthanum Oxide–Thulium Oxide Systems

Lanthanum Oxide–Titanium Oxide Systems

Lanthanum Oxide–Uranium Oxide Systems

Lanthanum Oxide–Uranium Oxide–Yttrium Oxide Systems

Lanthanum Oxide–Uranium Oxide–Zirconium Oxide Systems

Lanthanum Oxide–Ytterbium Oxide Systems

Lanthanum Oxide–Yttrium Oxide Systems

Lanthanum Oxide–Zirconium Oxide Systems

Lanthanum Oxide–Zirconium Silicate Systems

Lanthanum Oxides

see also Cobalt Lanthanum Oxides

Lanthanum Oxychlorides

xx Oxychlorides

Lanthanum Oxyfluorides

xx Oxyfluorides

Lanthanum Oxselenides

xx Oxselenides

Lanthanum Oxsulfides

xx Oxsulfides

Lanthanum Peroxides

xx Peroxides

Lanthanum Phosphates

Lanthanum Phosphides

xx Phosphides

Lanthanum–Platinum Alloys

Lanthanum–Plutonium Alloys

Lanthanum Plutonium Trichloroacetates

- xx Plutonium Trichloroacetates
- Trichloroacetates

Lanthanum-Plutonium-Uranium Alloys

Lanthanum Potassium Sulfates

- see Potassium Lanthanum Sulfates

Lanthanum-Rhenium Alloys

Lanthanum Rhodium Oxides

- xx Rhodium Oxides

Lanthanum-Ruthenium Alloys

Lanthanum Scandates

- xx Scandates

Lanthanum Selenides

- xx Selenides

Lanthanum Silicates

Lanthanum Silicides

- xx Silicides

Lanthanum Strontium Manganates(IV)

- see Strontium Lanthanum Manganates(IV)

Lanthanum Sulfates

- see also Potassium Lanthanum Sulfates

Lanthanum Sulfides

- see also Aluminum Lanthanum Sulfides
- Gallium Lanthanum Sulfides

Lanthanum Systems

Lanthanum-Tantalum Alloys

Lanthanum Tellurides

- xx Tellurides

Lanthanum-Thorium Alloys

Lanthanum Titanates

- see also Barium Lanthanum Titanates

- xx Titanates

Lanthanum-Titanium Alloys

Lanthanum Trifluoroacetates

- see Acetic Acid, Trifluoro-, Lanthanum Salts

Lanthanum-Uranium Alloys

Lanthanum Uranyl Carbonates

- xx Uranyl Carbonates

Lanthanum-Vanadium Alloys

Lanthanum-Yttrium Alloys

Lanthanum-Zinc Alloys

Lanthanum Zirconates

- xx Zirconates

Lanthanum-Zirconium Alloys

Lapis Lazuli

- see Lazurites

LAPRE

- see Los Alamos Power Reactor Experiments

Large Scale Heavy Water Reactor

- see Savannah River Power Reactor Experiment

Large Ship Reactor

- see Carrier Vessel Reactor

Larvae

- xx Insects

Lathosterol

- see Cholestenols

Laundries

Laundry Checker

- see Rate Meters

Laurate Ions

Lauric Acid

- x Dodecanoic Acid
- xx Organic Acids

Lauric Acid, Cholesteryl Ester

Lauric Acid, Polyoxyethylene Sorbityl Ester

- see Tween 20

Lauritsen Dosimeter

- see Radiation Detection Instruments (Ion Current Type)

Lava

Lawrencium (Lw)

- see Element One Hundred and Three

Laws

- see Mass Law

Lazurites

- x Lapis Lazuli

Leach Precipitates

- see Uranium Leach Precipitates

Leach Residues

- see Uranium Leach Residues

Leach Solutions

- see Uranium Leach Solutions

Leached Zone Material

- see Florida Leached Zone Material

Leaching

Lead

Lead (Liquid)

Lead Acetates

Lead Acid Phosphates

- x Acid Phosphates

Lead Alloys

Lead-Aluminum Alloys

- see Aluminum-Lead Alloys

Lead-Aluminum-Hafnium Alloys

- see Aluminum-Hafnium-Lead Alloys

Lead-Antimony Alloys

- see Antimony-Lead Alloys

Lead-Antimony-Bismuth Alloys

- see Antimony-Bismuth-Lead Alloys

Lead-Antimony-Cadmium Alloys

- see Antimony-Cadmium-Lead Alloys

Lead-Antimony-Tellurium Systems

- see Antimony-Lead-Tellurium Systems

Lead-Arsenic Systems

- see Arsenic-Lead Systems

Lead Azides

- xx Azides

Lead Barium Niobates

- see Barium Lead Niobates

Lead-Benzene, Alkyl- Systems

- see Benzene, Alkyl-Lead Systems

Lead-Beryllium-Bismuth Alloys

- see Beryllium-Bismuth-Lead Alloys

Lead-Bismuth Alloys

- see Bismuth-Lead Alloys

Lead-Bismuth-Cadmium Alloys

- see Bismuth-Cadmium-Lead Alloys

Lead-Bismuth-Cadmium-Tin Alloys

- see Bismuth-Cadmium-Lead-Tin Alloys

Lead-Bismuth-Copper Alloys

- see Bismuth-Copper-Lead Alloys

Lead-Bismuth-Gallium Alloys

- see Bismuth-Gallium-Lead Alloys

Lead-Bismuth-Gallium-Tin Alloys

- see Bismuth-Gallium-Lead-Tin Alloys

Lead-Bismuth-Indium Alloys

- see Bismuth-Indium-Lead Alloys

Lead-Bismuth-Indium-Tin Alloys

- see Bismuth-Indium-Lead-Tin Alloys

Lead-Bismuth-Lithium Alloys

- see Bismuth-Lead-Lithium Alloys

Lead-Bismuth-Manganese Alloys

- see Bismuth-Lead-Manganese Alloys

Lead-Bismuth-Mercury Alloys

- see Bismuth-Lead-Mercury Alloys

Lead-Bismuth-Plutonium Alloys

- see Bismuth-Lead-Plutonium Alloys

Lead-Bismuth-Silver Alloys

- see Bismuth-Lead-Silver Alloys

Lead-Bismuth-Thallium-Tin Alloys

- see Bismuth-Lead-Thallium-Tin Alloys

Lead-Bismuth-Thorium Alloy Slurries

- see Bismuth-Lead-Thorium Alloy Slurries

Lead-Bismuth-Thorium Alloys

- see Bismuth-Lead-Thorium Alloys

Lead-Bismuth-Tin Alloys

- see Bismuth-Lead-Tin Alloys*
- Lead-Bismuth-Tin-Uranium Alloys**
 - see Bismuth-Lead-Tin-Uranium Alloys*
- Lead-Bismuth-Uranium Alloys**
 - see Bismuth-Lead-Uranium Alloys*
- Lead-Boron Carbide Systems**
 - see Boron Carbide-Lead Systems*
- Lead-Boron Systems**
 - see Boron-Lead Systems*
- Lead Bromide-Lithium Bromide Systems**
- Lead Bromide-Potassium Bromide Systems**
- Lead Bromide-Rubidium Bromide Systems**
- Lead Bromide-Sodium Bromide Systems**
- Lead Bromides**
- Lead-Cadmium Alloys**
 - see Cadmium-Lead Alloys*
- Lead-Cadmium-Tin Alloys**
 - see Cadmium-Lead-Tin Alloys*
- Lead-Calcium Alloys**
 - see Calcium-Lead Alloys*
- Lead-Calcium Boride Systems**
 - see Calcium Boride-Lead Systems*
- Lead-Carbon-Iron-Nickel Systems**
 - see Carbon-Iron-Lead-Nickel Systems*
- Lead Carbonates**
- Lead-Cerium Alloys**
 - see Cerium-Lead Alloys*
- Lead Cesium Chlorides**
 - see Cesium Lead Chlorides*
- Lead Chelates**
- Lead Chloride-Cesium Chloride Systems**
 - see Cesium Chloride-Lead Chloride Systems*
- Lead Chloride-Indium Chloride Systems**
 - see Indium Chloride-Lead Chloride Systems*
- Lead Chloride-Lithium Chloride Systems**
- Lead Chloride-Potassium Chloride Systems**
- Lead Chloride-Rubidium Chloride Systems**
- Lead Chloride-Sodium Chloride Systems**
- Lead Chlorides**
 - see also Cesium Lead Chlorides*
- Lead Chlorides (Liquid)**
- Lead Chromate-Potassium Chromate Systems**
- Lead Chromates**
- Lead-Chromium Boride Systems**
 - see Chromium Boride-Lead Systems*
- Lead Coatings**
- Lead Compacts**
- Lead Complexes**
- Lead Compounds**
 - x Plumbates
- Lead-Copper Alloys**
 - see Copper-Lead Alloys*
- Lead-Copper-Nickel Alloys**
 - see Copper-Lead-Nickel Alloys*
- Lead-Copper-Tin-Zinc Alloys**
 - see Copper-Lead-Tin-Zinc Alloys*
- Lead Crystals**
- Lead Derivatives**
 - see Dithizone, Lead Derivatives*
- Lead Fluochlorates**
 - xx Fluochlorates
- Lead Fluoride-Beryllium Fluoride Systems**
 - see Beryllium Fluoride-Lead Fluoride Systems*
- Lead Fluoride Crystals**
 - xx Fluoride Crystals
- Lead Fluoride-Sodium Fluoride-Uranium(IV) Fluoride Systems**
- Lead Fluoride-Thorium Fluoride Systems**
- Lead Fluoride-Uranium(IV) Fluoride Systems**
- Lead Fluorides**
- Lead Foils**
- Lead-Gadolinium Alloys**
- see Gadolinium-Lead Alloys*
- Lead-Gallium Alloys**
 - see Gallium-Lead Alloys*
- Lead-Gallium-Tin Alloys**
 - see Gallium-Lead-Tin Alloys*
- Lead Germanates**
 - xx Germanates
- Lead Glass**
 - xx Glass
- Lead-Gold Alloys**
 - see Gold-Lead Alloys*
- Lead Hafnates**
 - xx Hafnates
- Lead-Indium Alloys**
 - see Indium-Lead Alloys*
- Lead-Indium-Tin-Uranium Alloys**
 - see Indium-Lead-Tin-Uranium Alloys*
- Lead Iodates**
- Lead Iodide-Silver Systems**
- Lead Iodides**
- Lead(II) Ions**
- Lead(IV) Ions**
- Lead-Iron Couples**
 - see Iron-Lead Couples*
- Lead-Iron-Nickel Alloys**
 - see Iron-Lead-Nickel Alloys*
- Lead Iron Niobates**
 - xx Iron Niobates
- Lead Iron Tantalates**
 - xx Iron Tantalates
- Lead Isotopes**
- Lead Isotopes Pb¹⁹⁴**
- Lead Isotopes Pb¹⁹⁶**
- Lead Isotopes Pb¹⁹⁸**
- Lead Isotopes Pb¹⁹⁷**
- Lead Isotopes Pb¹⁹⁹**
- Lead Isotopes Pb¹⁹⁸**
- Lead Isotopes Pb²⁰⁰**
- Lead Isotopes Pb²⁰¹**
- Lead Isotopes Pb²⁰²**
- Lead Isotopes Pb²⁰³**
- Lead Isotopes Pb²⁰⁴**
- Lead Isotopes Pb²⁰⁵**
- Lead Isotopes Pb²⁰⁶**
 - x Radium Isotopes (RaG)
- Lead Isotopes Pb²⁰⁷**
 - x Actinium Isotopes (AcD)
- Lead Isotopes Pb²⁰⁸**
 - x Thorium Isotopes (ThD)
- Lead Isotopes Pb²⁰⁹**
- Lead Isotopes Pb²¹⁰**
 - x Radium Isotopes (RaD)
- Lead Isotopes Pb²¹¹**
 - x Actinium Isotopes (AcB)
- Lead Isotopes Pb²¹²**
 - x Thorium Isotopes (ThB)
- Lead Isotopes Pb²¹⁴**
 - x Radium Isotopes (RaB)
- Lead-Lithium Alloys**
- Lead-Lithium-Magnesium Alloys**
- Lead-Magnesium Alloys**
- Lead-Magnesium Couples**
- Lead-Magnesium Crystals**
- Lead-Magnesium-Mercury Alloys**
- Lead-Magnesium-Tin Alloys**
- Lead-Mercury Alloys**
- Lead Minerals**
- Lead-Neodymium Alloys**
- Lead-Nickel Alloys**
- Lead Niobates**
 - see also Barium Lead Niobates*
 - xx Niobates

Lead-Niobium Alloys**Lead Nitrate Complexes**

xx Nitrate Complexes

Lead Nitrate-Nitric Acid Systems**Lead Nitrates****Lead Ores***see also Galenas*

xx Ores

Lead Oxalates**Lead Oxide Crystals**

xx Oxide Crystals

Lead Oxide Films

xx Oxide Films

Lead Oxide-Neodymium Oxide-Niobium Oxide Systems**Lead Oxide-Neodymium Oxide Systems****Lead Oxide-Niobium Oxide Systems****Lead Oxides***see also Lead-Oxygen Systems***Lead(II-IV) Oxides**

x Lead Tetroxide

Red Lead

Lead(IV) Oxides**Lead-Oxygen Systems**

xx Lead Oxides

Lead-Phosphorus Bronze

xx Bronze

Lead-Plutonium Alloys**Lead Poisoning**

xx Poisoning

Lead-Polonium Alloys**Lead-Potassium Alloys****Lead-Praseodymium Alloys****Lead Selenide Crystals**

xx Selenide Crystals

Lead Selenides

xx Selenides

Lead-Silver Alloys**Lead-Sodium Alloys****Lead-Stainless Steel Couples****Lead Stearates**

xx Stearates

Lead-Steel Couples**Lead Sulfates****Lead Sulfide Crystals**

xx Sulfide Crystals

Lead Sulfide-Sodium Sulfide Systems**Lead Sulfides***see also Galenas*

xx Galenas

Lead Sulfides (Liquid)**Lead Systems****Lead Tantalates**

xx Tantalates

Lead Tartratonibates

xx Tartratonibates

Lead Tellurides

xx Tellurides

Lead, Tetramethyl-**Lead Tetroxide***see Lead(II-IV) Oxides***Lead-Thallium Alloys****Lead-Thorium Alloys****Lead-Tin Alloys****Lead-Tin-Uranium Alloys****Lead-Tin-Zirconium Alloys****Lead Titanate-Barium Titanate Systems***see Barium Titanate-Lead Titanate Systems***Lead Titanate-Lead Zirconate Systems****Lead Titanate-Strontium Titanate Compacts****Lead Titanates**

xx Titanates

Lead-Titanium Alloys**Lead-Titanium Couples****Lead Uranates**

xx Uranates

Lead-Uranium Alloy Slurries**Lead-Uranium Alloys****Lead-Water Systems****Lead-Zinc Alloys****Lead Zirconate-Barium Titanate Systems***see Barium Titanate-Lead Zirconate Systems***Lead Zirconate-Lead Titanate Systems***see Lead Titanate-Lead Zirconate Systems***Lead Zirconates**

xx Zirconates

Lead-Zirconium Alloys**Lead-Zirconium Boride Systems****Leak Detectors***see also Mass Spectrometers*

x Detectors

Probes

Leaks**Leather**

xx Gasket Materials

Leaves

xx Plants

Trees

Lectures**LEO**

xx British Reactors

Power Reactors

Pressurized Water Reactors

Lepidine**Lepidolites**

xx Lithium Minerals

Mica

Leptons*see also Electrons*

Neutrinos

Positrons

xx Electrons

Lesions*see Eye Lesions***Leucine****Leukemia**

xx Blood Diseases

Lymph Diseases

Leukocytes

x Lymphocytes

xx Blood Cells

Hematology

Lymph Cells

Lymph System

Leukocytosis**Leukopenia***see also Lymphopenia*

xx Lymph Diseases

Lymphopenia

Leukoplakia**Level Indicators**

x Indicators

Level Regulators

x Regulators

Levitron*see Pinch Devices***Lewisite**

x Arsine, Dichloro(2-Chlorovinyl)-

Libby Screen Wall Counter*see Geiger-Mueller Tubes***Libraries****Lid Tank Facility****LIDO**

xx British Reactors

Research Reactors

Swimming Pool Reactors

Life Spans

Light

see also Infrared Radiation

Optical Systems

Quantum Mechanics

Scintillation Detectors

Ultraviolet Radiation

xx Photoperiodism

Light Communication Systems

see also Communication Systems

xx Communication Systems

Light Sources

(See also specific light sources, e g , Sodium Vapor Lamps)

x Electric Lamps

Sources

Light Spectra

see also Spectrometers

Spectrophotometers

Spectrophotometry

Spectroscopy

xx Spectra

Light Water Plutonium Producer

see Production Reactors

Lightning

Lightweight Aggregates

x Aggregates

xx Concrete Aggregates

Perlite

Lignin

Lignites

xx Coal

Ligroine

x Benzine

Petroleum Ether

Limbs

Lime

see Calcium Hydroxides

Calcium Oxides

Limestone

see also Calcium Carbonates

xx Calcium Carbonates

Limonites

Line Recorders

(Recording mass spectrometer)

see also Mass Spectrometers

Linear Accelerators

(For belt-type electrostatic generators see also Van De Graaff Accelerators)

see also Cockcroft-Walton Accelerators

Kevatrons

Stanford Linear Accelerator

xx Accelerators

Linoleic Acid

xx Organic Acids

Linoleic Acid, Methyl Ester

Linolenic Acid

Linolenic Acid, Methyl Ester

Lipids

see also Fatty Acids

Phosphatides

Sterols

x Fats

α -Lipoic Acid

see Caprylic Acids, Thio-

Lipoproteins

xx Proteins

Liquation

Liquid Baths

(Including oil, salt, water, and metal baths)

x Baths

xx Metals (Liquid)

Liquid Drop Models

see Nuclear Models (Drop)

Liquid Flow

see also Compressible Flow

Convection

Gas Flow

Incompressible Flow

Subsonic Flow

Supersonic Flow

Transonic Flow

xx Flowmeters

Fluid Flow

Friction

Gas Flow

Pressure Drop

Liquid Fuel Reactors

see Fluid Fuel Reactors

Homogeneous Reactors

Liquid-Gas Systems

see Gas-Liquid Systems

Liquid Jets

xx Jets

Liquid-Liquid Heat Exchangers

see Heat Exchangers (Liquid-Liquid)

Liquid Metal Brushes

x Brushes

xx Electric Generators

Motors

Liquid Metal Cooled Reactors

see also Aircraft Reactor Experiment (LM FP)

ANP Reactor (LM FP)

Chugach Power Reactor

Downreay Fast Reactor

Experimental Breeder Reactor

Experimental Breeder Reactor-II

Fermi Fast Breeder Reactor

Hallam Power Reactor

Liquid Metal Fuel Reactor

Los Alamos Fast Reactor

Los Alamos Molten Plutonium Reactor Experiment

Molten Salt Reactor Experiment

Sodium Reactor Experiment

Special Purpose Power Plant Reactor

Submarine Intermediate Reactor

xx Reactors

Liquid Metal Fuel Reactor

(Including Liquid Metal Fuel Reactor Experiment)

x LMFR

LMFRE

xx Fluid Fuel Reactors

Graphite Moderated Reactors

Liquid Metal Cooled Reactors

Power Reactors

Liquid Metal-Fused Salt Systems

see Fused Salt-Liquid Metal Systems

Liquid Metal Pumps

see Pumps (Liquid Metal)

Liquid Metal Slurries

xx Slurries

Liquid Metals

see Metals (Liquid)

Liquid Polymer

see Ethylene, Chlorotrifluoro- Polymers

Liquids

(The liquid states of normally solid or gaseous materials are indexed in the form Metals (Liquid))

see also Atomization

Fluids

xx Fluids

Lithium

see also Alkali Metals

Lithium (Liquid)

Lithium Acetates

xx Acetates

Lithium Acid Fluorides

x Acid Fluorides

Lithium Acid Phosphates

x Acid Phosphates

Lithium Alloys**Lithium Aluminates**

xx Aluminates

Lithium-Aluminum Alloys*see Aluminum-Lithium Alloys***Lithium-Aluminum-Copper Alloys***see Aluminum-Copper-Lithium Alloys***Lithium Aluminum Deuterides**

xx Aluminum Deuterides

Deuterides

Lithium Aluminum Hydrides

Lithium-Aluminum-Germanium Alloys*see Aluminum-Germanium-Lithium Alloys***Lithium Aluminum Hydrides***see also Lithium Aluminum Deuterides**Lithium Aluminum Tritides*

xx Aluminum Hydrides

Lithium-Aluminum-Indium-Magnesium Alloys*see Aluminum-Indium-Lithium-Magnesium Alloys***Lithium-Aluminum-Magnesium Alloys***see Aluminum-Lithium-Magnesium Alloys***Lithium-Aluminum-Mercury Alloys***see Aluminum-Lithium-Mercury Alloys***Lithium Aluminum Silicates**

xx Aluminum Silicates

Spodumenes

Lithium-Aluminum-Silicon Systems*see Aluminum-Lithium-Silicon Systems***Lithium Aluminum Tritides**

xx Aluminum Tritides

Lithium Aluminum Hydrides

Tritides

Lithium-Aluminum-Uranium Alloys*see Aluminum-Lithium-Uranium Alloys***Lithium-Aluminum-Zinc Alloys***see Aluminum-Lithium-Zinc Alloys***Lithium Amides**

xx Amides

Lithium-Antimony Alloys*see Antimony-Lithium Alloys***Lithium Antimony Fluorides**

xx Antimony Fluorides

Lithium Arsenides**Lithium-Barium Alloys***see Barium-Lithium Alloys***Lithium-Beryllium Alloys***see Beryllium-Lithium Alloys***Lithium-Beryllium-Silver Alloys***see Beryllium-Lithium-Silver Alloys***Lithium-Bismuth Alloys***see Bismuth-Lithium Alloys***Lithium-Bismuth-Lead Alloys***see Bismuth-Lead-Lithium Alloys***Lithium Borates**

xx Borates

Lithium Borides**Lithium Borofluorides***see Lithium Fluoborates***Lithium Borohydride-Ammonia Systems***see Ammonia-Lithium Borohydride Systems***Lithium Borohydride Complexes**

xx Borohydride Complexes

Lithium Borohydride-Potassium Borohydride Systems**Lithium Borohydride-Sodium Borohydride Systems****Lithium Borohydrides**

xx Borohydrides

Lithium Boronitrides

xx Boronitrides

Lithium Bromates

xx Bromates

Lithium Bromide Crystals

xx Bromide Crystals

Lithium Bromide-Lead Bromide Systems*see Lead Bromide-Lithium Bromide Systems***Lithium Bromide-Magnesium Bromide-Water Systems****Lithium Bromide-Potassium Bromide Systems****Lithium Bromides****Lithium-Calcium Alloys***see Calcium-Lithium Alloys***Lithium-Calcium-Magnesium Alloys***see Calcium-Lithium-Magnesium Alloys***Lithium Carbide-Lithium Hydride Systems****Lithium Carbides****Lithium Carbonate-Lithium Sulfate Systems****Lithium Carbonate-Potassium Carbonate-Sodium****Carbonate Systems****Lithium Carbonate-Potassium Carbonate Systems****Lithium Carbonate-Sodium Carbonate Systems****Lithium Carbonate-Uranium Oxide Systems****Lithium Carbonate-Uranium Oxide-Water Systems****Lithium Carbonate Films**

xx Films

Lithium Carbonates**Lithium Chelates****Lithium Chloride-Aluminum Chloride-Potassium Chloride-Sodium Chloride Systems***see Aluminum Chloride-Lithium Chloride-Potassium Chloride-Sodium Chloride Systems***Lithium Chloride-Aluminum Chloride Systems***see Aluminum Chloride-Lithium Chloride Systems***Lithium Chloride-Barium Chloride Systems***see Barium Chloride-Lithium Chloride Systems***Lithium Chloride-Cadmium Chloride Systems***see Cadmium Chloride-Lithium Chloride Systems***Lithium Chloride-Calcium Chloride-Potassium Chloride Systems***see Calcium Chloride-Lithium Chloride-Potassium Chloride Systems***Lithium Chloride-Calcium Chloride-Sodium Chloride Systems***see Calcium Chloride-Lithium Chloride-Sodium Chloride Systems***Lithium Chloride-Cesium Chloride Systems***see Cesium Chloride-Lithium Chloride Systems***Lithium Chloride-Copper Chloride-Water Systems***see Copper Chloride-Lithium Chloride-Water Systems***Lithium Chloride Crystals**

xx Chloride Crystals

Lithium Chloride-Iron Chloride Systems*see Iron Chloride-Lithium Chloride Systems***Lithium Chloride-Lead Chloride Systems***see Lead Chloride-Lithium Chloride Systems***Lithium Chloride-Lithium Hydroxide Systems****Lithium Chloride-Lithium Sulfate-Potassium****Chloride-Sodium Chloride Systems****Lithium Chloride-Magnesium Chloride-Potassium****Chloride Systems****Lithium Chloride-Magnesium Chloride Systems****Lithium Chloride-Neodymium Chloride-Potassium****Chloride Systems****Lithium Chloride-Nickel Chloride-Potassium****Chloride Systems****Lithium Chloride-Plutonium Chloride Systems****Lithium Chloride-Potassium Chloride-Potassium****Fluoborate Systems****Lithium Chloride-Potassium Chloride Systems****Lithium Chloride-Potassium Chloride-Uranium(III)****Chloride Systems****Lithium Chloride-Potassium Chloride-Uranium(IV)****Chloride Systems****Lithium Chloride-Potassium Chloride-Uranium(IV)****Fluoride Systems**

Lithium Chloride–Silver Chloride Systems
Lithium Chloride–Sodium Chloride Systems
Lithium Chloride–Strontium Chloride Systems
Lithium Chloride–Tin Chloride Systems
Lithium Chloride–Uranium Chloride Systems
Lithium Chloride–Water–Zinc Chloride Systems
Lithium Chlorides
Lithium Chlorides (Liquid)
Lithium Chlorocuprates(II)
 x Lithium Copper Chlorides
 xx Chlorocuprates
Lithium Chromate–Lithium Fluoride Systems
Lithium Chromates
 Lithium–Chromium–Germanium–Nickel Alloys
 see Chromium–Germanium–Lithium–Nickel Alloys
Lithium Cobalt Oxides
 xx Cobalt Oxides
Lithium Complexes
Lithium Compounds
 Lithium–Copper Alloys
 see Copper–Lithium Alloys
 Lithium Copper Chlorides
 see Lithium Chlorocuprates(II)
 Lithium Copper Oxides
 see Copper Lithium Oxides
 Lithium–Copper–Silver Alloys
 see Copper–Lithium–Silver Alloys
Lithium Crystals
 Lithium Cuprates(I)
 see Copper Lithium Oxides
Lithium Cyanoaurates(I)
 xx Cyanoaurates
Lithium Deposits
 x Deposits
 Lithium Derivatives
 see Quinaldine, Lithium Derivatives
Lithium Deuterides
 xx Deuterides
 Lithium Hydrides
 Lithium–Ethylamine Systems
 see Ethylamine–Lithium Systems
Lithium Ferrates
 xx Ferrates
Lithium Ferrocyanides
 xx Iron Cyanides
Lithium Fires
 xx Fires
Lithium Fluoaluminates
 xx Fluoaluminates
Lithium Fluoberyllates
 xx Fluoberyllates
Lithium Fluoborates
 xx Fluoborates
 Lithium Fluoride–Antimony Fluoride Systems
 see Antimony Fluoride–Lithium Fluoride Systems
 Lithium Fluoride–Barium Fluoride–Calcium Fluoride Systems
 see Barium Fluoride–Calcium Fluoride–Lithium Fluoride Systems
 Lithium Fluoride–Barium Fluoride–Magnesium Fluoride Systems
 see Barium Fluoride–Lithium Fluoride–Magnesium Fluoride Systems
 Lithium Fluoride–Beryllium Fluoride–Plutonium Fluoride Systems
 see Beryllium Fluoride–Lithium Fluoride–Plutonium Fluoride Systems
 Lithium Fluoride–Beryllium Fluoride–Sodium Fluoride Systems
 see Beryllium Fluoride–Lithium Fluoride–Sodium Fluoride Systems
 Lithium Fluoride–Beryllium Fluoride–Sodium Fluoride–Uranium Fluoride Systems
 see Beryllium Fluoride–Lithium Fluoride–Sodium Fluoride–Uranium Fluoride Systems
 Lithium Fluoride–Beryllium Fluoride–Thorium Fluoride Systems
 see Beryllium Fluoride–Lithium Fluoride–Thorium Fluoride Systems
 Lithium Fluoride–Beryllium Fluoride–Thorium Fluoride–Uranium Fluoride Systems
 see Beryllium Fluoride–Lithium Fluoride–Thorium Fluoride Systems

see Beryllium Fluoride–Lithium Fluoride–Thorium Fluoride–Uranium Fluoride Systems
 Lithium Fluoride–Beryllium Fluoride–Thorium Fluoride–Uranium(IV) Fluoride–Zirconium Fluoride Systems
 see Beryllium Fluoride–Lithium Fluoride–Thorium Fluoride–Uranium(IV) Fluoride–Zirconium Fluoride Systems
 Lithium Fluoride–Beryllium Fluoride–Uranium(IV) Fluoride Systems
 see Beryllium Fluoride–Lithium Fluoride–Uranium(IV) Fluoride Systems
 Lithium Fluoride–Beryllium Fluoride–Zirconium Fluoride Systems
 see Beryllium Fluoride–Lithium Fluoride–Zirconium Fluoride Systems
 Lithium Fluoride–Calcium Fluoride–Magnesium Fluoride Systems
 see Calcium Fluoride–Lithium Fluoride–Magnesium Fluoride Systems
 Lithium Fluoride–Calcium Fluoride–Potassium Fluoride–Sodium Fluoride Systems
 see Calcium Fluoride–Lithium Fluoride–Potassium Fluoride–Sodium Fluoride Systems
 Lithium Fluoride–Calcium Fluoride–Strontium Fluoride Systems
 see Calcium Fluoride–Lithium Fluoride–Strontium Fluoride Systems
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Lithium Fluoride–Lithium Hydride Systems
Lithium Fluoride–Magnesium Fluoride Systems
Lithium Fluoride–Magnesium Fluoride–Yttrium Fluoride Systems
Lithium Fluoride–Plutonium Fluoride Systems
Lithium Fluoride–Potassium Fluoride–Rubidium Fluoride Systems
Lithium Fluoride–Potassium Fluoride–Sodium Fluoride Systems
Lithium Fluoride–Potassium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride Systems
Lithium Fluoride–Potassium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride Systems
Lithium Fluoride–Potassium Tungstate Systems
Lithium Fluoride–Rubidium Fluoride–Sodium Fluoride Systems
Lithium Fluoride–Rubidium Fluoride–Sodium Fluoride–Uranium Fluoride Systems
Lithium Fluoride–Rubidium Fluoride Systems
Lithium Fluoride–Sodium Fluoride Systems
Lithium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride Systems
Lithium Fluoride–Sodium Fluoride–Uranium Fluoride–Zirconium Fluoride Systems
Lithium Fluoride–Sodium Fluoride–Zirconium Fluoride Systems
Lithium Fluoride–Thorium Fluoride Systems
Lithium Fluoride–Thorium Fluoride–Uranium Fluoride Systems
Lithium Fluoride–Uranium(IV) Fluoride Systems
Lithium Fluoride–Yttrium Fluoride Systems
Lithium Fluorides
Lithium Fluorides (Liquid)
Lithium Fluotitanates
 xx Fluotitanates

Lithium Gallates

xx Gallates

Lithium Glass

xx Glass

Lithium–Graphite Compounds*see Graphite–Lithium Compounds***Lithium Hafnates**

xx Hafnates

Lithium Halide Crystals

xx Halide Crystals

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xx Imides

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xx Iodide Crystals

Lithium Iodides**Lithium Ion Beams**

x Beams

xx Ion Beams

Lithium Ions**Lithium Ions (Recoil)**

xx Recoil Ions

Lithium Isotopes**Lithium Isotopes Li⁴****Lithium Isotopes Li⁵****Lithium Isotopes Li⁶****Lithium Isotopes Li⁷****Lithium Isotopes Li⁸****Lithium Isotopes Li⁹****Lithium–Lead Alloys***see Lead–Lithium Alloys***Lithium–Lead–Magnesium Alloys***see Lead–Lithium–Magnesium Alloys***Lithium–Lithium Hydride Systems****Lithium–Magnesium Alloys****Lithium–Magnesium–Manganese Alloys****Lithium–Magnesium–Silver Alloys****Lithium–Magnesium–Zinc Alloys****Lithium, Methyl–****Lithium Minerals***see also Spodumenes**Lepidolites***Lithium Nickel Oxides**

xx Nickel Oxides

Lithium Nickelates

xx Nickelates

Lithium Niobates

xx Niobates

Lithium Nitrate–Potassium Nitrate–Sodium Nitrate Systems**Lithium Nitrate–Potassium Nitrate Systems****Lithium Nitrate–Rubidium Nitrate Systems****Lithium Nitrates****Lithium Nitrates (Liquid)****Lithium Nitrides****Lithium Ores**

xx Ores

Lithium Oxalates

xx Oxalates

Lithium Oxide–Aluminum Oxide–Silicon Oxide Systems*see Aluminum Oxide–Lithium Oxide–Silicon Oxide Systems***Lithium Oxide–Aluminum Oxide–Titanium Oxide Systems***see Aluminum Oxide–Lithium Oxide–Titanium Oxide Systems***Lithium Oxide–Boron Oxide–Phosphorus Oxide Systems***see Boride Oxide–Lithium Oxide–Phosphorus Oxide Systems***Lithium Oxide–Boron Oxide–Silicon Oxide Systems***see Boron Oxide–Lithium Oxide–Silicon Oxide Systems***Lithium Oxide–Boron Oxide Systems***see Boron Oxide–Lithium Oxide Systems***Lithium Oxide–Boron Oxide–Uranium Oxide Systems***see Boron Oxide–Lithium Oxide–Uranium Oxide Systems***Lithium Oxide–Boron Oxide–Water Systems***see Boron Oxide–Lithium Oxide–Water Systems***Lithium Oxide–Calcium Oxide–Silicon Oxide Systems***see Calcium Oxide–Lithium Oxide–Silicon Oxide Systems***Lithium Oxide–Carbon Dioxide–Uranium Oxide–Water Systems***see Carbon Dioxide–Lithium Oxide–Uranium Oxide–Water Systems***Lithium Oxide–Iron Oxide–Nickel Oxide Systems***see Iron Oxide–Lithium Oxide–Nickel Oxide Systems***Lithium Oxide–Lithium Hydride Systems***see Lithium Hydride–Lithium Oxide Systems***Lithium Oxides***see also Copper Lithium Oxides***Lithium Perchlorates**

xx Perchlorates

Lithium, Phenyl–**Lithium Phosphates****Lithium–Sea Water Systems****Lithium Selenites**

xx Selenites

Lithium Silicates

xx Silicates

Lithium–Silicon Systems**Lithium–Silver Alloys****Lithium–Sodium Alloys****Lithium Stannates**

xx Stannates

Lithium–Strontium Alloys**Lithium Sulfate–Ammonium Sulfate–Water Systems***see Ammonium Sulfate–Lithium Sulfate–Water Systems***Lithium Sulfate–Lithium Carbonate Systems***see Lithium Carbonate–Lithium Sulfate Systems***Lithium Sulfate–Lithium Chloride–Potassium Chloride–Sodium Chloride Systems***see Lithium Chloride–Lithium Sulfate–Potassium Chloride–Sodium Chloride Systems***Lithium Sulfate–Potassium Sulfate Systems****Lithium Sulfates****Lithium Systems****Lithium Tantalates**

xx Tantalates

Lithium Thiocyanates

xx Thiocyanates

Lithium Titanates

xx Titanates

Lithium Tritides

- xx Lithium Hydrides
- Tritides

Lithium-Tritium Systems

- xx Tritides

Lithium Tungstate-Potassium Fluoride Systems**Lithium Tungstates**

- xx Tungstates

Lithium-Tungsten Bronze**Lithium Uranates**

- xx Uranates

Lithium-Uranium Alloys**Lithium Uranium Fluorides**

- xx Uranium Fluorides

Lithium Uranyl Arsenates

- xx Uranyl Arsenates

Lithium Uranyl Carbonates

- xx Uranyl Carbonates

Lithium Uranyl Phosphates

- xx Uranyl Phosphates

Lithium Zirconates

- xx Zirconates

LITR (Low Intensity Training Reactor)

- see Materials Testing Reactor Mockup*

Litter Sizes

- see also Animal Reproduction*

- x Reproduction (Animal)

- xx Animal Reproduction

Litters**Liver****Liver Diseases**

- xx Diseases

Livermore Pool Type Reactor

- x LPTR
- xx Research Reactors
- Swimming Pool Reactors

Livermore Water Boiler Reactor

- see Water Boiler Neutron Sources*

LMFR

- see Liquid Metal Fuel Reactor*

LMFRE

- see Liquid Metal Fuel Reactor*

Loaded Plastics

- xx Plastics

Loaded Plastics (Boron Carbide)

- xx Boron Carbides

Loading**Lollipop Project**

- see Vela Project*

Long Cartridges

- x Cartridges
- Fuel Elements
- xx Reactor Fuel Elements
- Slug Elements

Loops

- see Corrosion Loops*
- In-Pile Loops*

Lopo

- see Los Alamos Water Boiler*

Los Alamos Fast Reactor

- x Clementine
- Los Alamos Plutonium Reactor
- xx Fast Reactors
- Heterogeneous Reactors

Los Alamos Molten Plutonium Reactor Experiments

- x LAMPRE
- xx Fluid Fuel Reactors
- Liquid Metal Cooled Reactors
- Power Reactors
- Research Reactors

Los Alamos Omega West Reactor

- x Omega West Reactor

OWR

- xx Research Reactors
- Water Moderated Reactors

Los Alamos Power Reactor Experiments

- xx Enriched Reactors
- Homogeneous Reactors
- Power Reactors
- Thermal Reactors
- Water Moderated Reactors

Los Alamos Turret Reactor

- (Sandia Laboratory-Los Alamos Scientific Laboratory)*

- x High Temperature Gas Cooled Reactor Experiment (Los Alamos)

Turret Reactor

- xx Gas Cooled Reactors
- Graphite Moderated Reactors
- Power Reactors

Los Alamos Water Boiler

- x Hypo
- Lopo
- Supo
- Water Boiler
- xx Homogeneous Reactors
- Research Reactors
- Water Moderated Reactors

Low Cost Reactor

- see Swimming Pool Reactors*

Low Intensity Training Reactor

- see Materials Testing Reactor Mockup*

Low Pass Filters

- see Electronic Filters*

Low Power Reactors

- see Research Reactors*

Low Power Research Reactor

- x LPRR
- North American Aviation Reactors
- xx Graphite Moderated Reactors
- Homogeneous Reactors
- Research Reactors

Low Temperature Physics

- see Cryogenics*

LPRR

- see Low Power Research Reactor*

LPT Reactor

- (Low Power Test reactor for studies on the Initial Engine Test which see)*

LPTR

- see Livermore Pool Type Reactor*

LSR (Large Ship Reactor)

- see Carrier Vessel Reactor*

LTR

- see Lynchburg Test Reactor*

Lubricants

- see also Fluorochlorolube Oil*

Fluorolube Oil**Greases****Lubrication****Oils**

- x Anti Seize Compounds

- xx Greases

Lubrication**Oils****Lubrication**

- xx Lubricants

Luce Ignition Scheme

- see High Energy Injection Devices*

Luciferase**Luciferin****Lucite**

- see Plastics*

Luminescence

- see also Bioluminescence*

Electroluminescence

- (Continued)*

see also Fluorescence

Phosphorescence

Thermoluminescence

- x Chemiluminescence
- Triboluminescence
- xx Fluorescence
- Phosphorescence
- Phosphors

Luminescent Detectors

- x Detectors
- xx Radiation Detectors

Luminescent Materials

Lung Diseases

see also Pulmonary Infection
Tuberculosis

- xx Diseases

Lung Injuries

see also Pulmonary Edema
x Injuries

Lungs

Lutetium

see also Rare Earths

Lutetium Borates

Lutetium Borides

Lutetium–Cerium Alloys

see Cerium–Lutetium Alloys

Lutetium Chlorides

Lutetium Complexes

Lutetium Compounds

Lutetium–Copper Alloys

see Copper–Lutetium Alloys

Lutetium Ferrates

- xx Ferrates

Lutetium–Gold Alloys

see Gold–Lutetium Alloys

Lutetium Hydrides

Lutetium Hydroxides

Lutetium Ions

Lutetium Isotopes

Lutetium Isotopes Lu¹⁶⁷

Lutetium Isotopes Lu¹⁶⁸

Lutetium Isotopes Lu¹⁶⁹

Lutetium Isotopes Lu¹⁷⁰

Lutetium Isotopes Lu¹⁷¹

Lutetium Isotopes Lu¹⁷²

Lutetium Isotopes Lu¹⁷³

Lutetium Isotopes Lu¹⁷⁴

Lutetium Isotopes Lu¹⁷⁵

Lutetium Isotopes Lu¹⁷⁶

Lutetium Isotopes Lu¹⁷⁷

Lutetium Isotopes Lu¹⁷⁹

Lutetium Isotopes Lu¹⁸⁰

Lutetium–Lanthanum Alloys

see Lanthanum–Lutetium Alloys

Lutetium Manganates

- xx Manganates

Lutetium–Manganese Alloys

Lutetium Nitrates

Lutetium–Osmium Alloys

Lutetium Oxalates

- xx Oxalates

Lutetium Oxide–Aluminum Oxide Systems

see Aluminum Oxide–Lutetium Oxide Systems

Lutetium Oxide–Lanthanum Oxide Systems

see Lanthanum Oxide–Lutetium Oxide Systems

Lutetium Oxides

see also Sodium Lutetium Oxides

Lutetium–Plutonium Alloys

Lutetium–Ruthenium Alloys

Lutetium–Silver Alloys

Lutetium Sulfates

2,6-Lutidine

- x Pyridine, 2,6-Dimethyl-

Lutidines

Lymph

- x Lymph Plasma
- xx Body Fluids
- Plasma

Lymph Cells

see also Leukocytes
x Cells

Lymph Diseases

see also Leukemia
Leukopenia
Lymphopenia
xx Diseases
Lymphopenia

Lymph Formation

Lymph Nodes

see Lymph System

Lymph Plasma

see Lymph

Lymph System

see also Leukocytes
Lymphopenia
x Lymph Nodes

Lymph Volume

Lymphocytes

see Leukocytes

Lymphopenia

see also Leukopenia
Lymph Diseases
xx Leukopenia
Lymph Diseases
Lymph System

Lynchburg Test Reactor

- x Nuclear Fuels Testing Reactor
- xx Research Reactors
- Water Moderated Reactors

Lyometallurgy

see also Hydrometallurgy
x Organic Leaching
xx Hydrometallurgy
Metallurgy

Lysergic Acids

- xx Organic Acids

Lysines

- x Caproic Acid, α , ϵ -Diamino-

Lysolecithin

Lysozyme

Lyxose

M

M-Capture

see Electron Capture

Machine Tools

(Including hydraulic presses, lathes, mills, etc)

see also Dies

Drills

Molds

- x Tools

Machining

see also Grinding

- x Flaws

Maclurin

Magnesia

see Magnesium Oxides

Magnesites

see also Magnesium Carbonates
xx Magnesium Carbonates

Magnesium

see also Alkaline Earth Metals

Magnesium (Impregnated)

Magnesium (Liquid)**Magnesium Alloys**

x Magnox Alloys

Magnesium Aluminates

xx Aluminates

Magnesium–Aluminum Alloys*see Aluminum–Magnesium Alloys***Magnesium–Aluminum–Beryllium Alloys***see Aluminum–Beryllium–Magnesium Alloys***Magnesium–Aluminum–Calcium Alloys***see Aluminum–Calcium–Magnesium Alloys***Magnesium–Aluminum–Calcium–Manganese Alloys***see Aluminum–Calcium–Magnesium–Manganese Alloys***Magnesium–Aluminum–Calcium–Zinc Alloys***see Aluminum–Calcium–Magnesium–Zinc Alloys***Magnesium–Aluminum–Chromium–Titanium Alloys***see Aluminum–Chromium–Magnesium–Titanium Alloys***Magnesium–Aluminum–Copper Alloys***see Aluminum–Copper–Magnesium Alloys***Magnesium–Aluminum–Copper–Manganese Alloys***see Aluminum–Copper–Magnesium–Manganese Alloys***Magnesium–Aluminum–Copper–Nickel Alloys***see Aluminum–Copper–Magnesium–Nickel Alloys***Magnesium–Aluminum–Copper–Silicon Systems***see Aluminum–Copper–Magnesium–Silicon Systems***Magnesium–Aluminum–Copper–Zinc Alloys***see Aluminum–Copper–Magnesium–Zinc Alloys***Magnesium–Aluminum Couples***see Aluminum–Magnesium Couples***Magnesium Aluminum Hydrides**

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Magnesium–Aluminum–Silicon Systems*see Aluminum–Magnesium–Silicon Systems***Magnesium–Aluminum–Silver Alloys***see Aluminum–Magnesium–Silver Alloys***Magnesium–Aluminum–Thorium Alloys***see Aluminum–Magnesium–Thorium Alloys***Magnesium Aluminum Titanates***see Aluminum Magnesium Titanates***Magnesium–Aluminum–Titanium Alloys***see Aluminum–Magnesium–Titanium Alloys***Magnesium–Aluminum–Uranium Alloys***see Aluminum–Magnesium–Uranium Alloys***Magnesium–Aluminum–Zinc Alloys***see Aluminum–Magnesium–Zinc Alloys***Magnesium–Aluminum–Zirconium Alloys***see Aluminum–Magnesium–Zirconium Alloys***Magnesium–Antimony Alloys***see Antimony–Magnesium Alloys***Magnesium–Antimony–Zirconium Alloys***see Antimony–Magnesium–Zirconium Alloys***Magnesium Arsenic Oxides**

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Magnesium–Arsenic Systems*see Arsenic–Magnesium Systems***Magnesium–Barium Alloys***see Barium–Magnesium Alloys***Magnesium–Beryllium Alloys***see Beryllium–Magnesium Alloys***Magnesium–Beryllium–Zirconium Alloys***see Beryllium–Magnesium–Zirconium Alloys***Magnesium–Bismuth Alloys***see Bismuth–Magnesium Alloys***Magnesium–Bismuth–Samarium Alloys***see Bismuth–Magnesium–Samarium Alloys***Magnesium–Bismuth–Uranium Alloys***see Bismuth–Magnesium–Uranium Alloys***Magnesium Borides****Magnesium Borohydrides****Magnesium Bromide–Lithium Bromide–Water Systems***see Lithium Bromide–Magnesium Bromide–Water Systems***Magnesium Bromides****Magnesium–Cadmium Alloys***see Cadmium–Magnesium Alloys***Magnesium–Calcium Alloys***see Calcium–Magnesium Alloys***Magnesium–Calcium–Lithium Alloys***see Calcium–Lithium–Magnesium Alloys***Magnesium–Calcium–Manganese Alloys***see Calcium–Magnesium–Manganese Alloys***Magnesium Calcium Oxides***see Calcium Magnesium Oxides***Magnesium–Calcium–Thorium Alloys***see Calcium–Magnesium–Thorium Alloys***Magnesium–Calcium–Zinc Alloys***see Calcium–Magnesium–Zinc Alloys***Magnesium Carbides****Magnesium–Carbon–Iron Systems***see Carbon–Iron–Magnesium Systems***Magnesium–Carbon Systems***see Carbon–Magnesium Systems***Magnesium Carbonates***see also Magnesites*

xx Magnesites

Magnesium–Cerium Alloys*see Cerium–Magnesium Alloys***Magnesium Cerium Nitrates**

xx Cerium Nitrates

Magnesium Nitrates

Magnesium–Cerium–Thorium Alloys*see Cerium–Magnesium–Thorium Alloys***Magnesium–Cerium–Zinc–Zirconium Alloys***see Cerium–Magnesium–Zinc–Zirconium Alloys***Magnesium–Cerium–Zirconium Alloys***see Cerium–Magnesium–Zirconium Alloys***Magnesium Chelates****Magnesium Chloride–Cerium Chloride–Potassium Chloride Systems***see Cerium Chloride–Magnesium Chloride–Potassium Chloride Systems***Magnesium Chloride–Cerium Chloride Systems***see Cerium Chloride–Magnesium Chloride Systems***Magnesium Chloride–Hydrochloric Acid–Nitric Acid Systems***see Hydrochloric Acid–Magnesium Chloride–Nitric Acid Systems***Magnesium Chloride–Lithium Chloride–Potassium Chloride Systems***see Lithium Chloride–Magnesium Chloride–Potassium Chloride Systems***Magnesium Chloride–Lithium Chloride Systems***see Lithium Chloride–Magnesium Chloride Systems***Magnesium Chloride–Plutonium Chloride Systems****Magnesium Chloride–Potassium Chloride–Sodium Chloride Systems****Magnesium Chloride–Potassium Chloride Systems****Magnesium Chloride–Rubidium Chloride Systems****Magnesium Chloride–Sodium Chloride Systems****Magnesium Chloride–Titanium Chloride Systems****Magnesium Chlorides****Magnesium Chlorides (Liquid)****Magnesium Chromites**

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Magnesium Coatings

Magnesium-Cobalt-Nitrogen Systems*see Cobalt-Magnesium-Nitrogen Systems***Magnesium Compacts****Magnesium Complexes****Magnesium Compounds***(For alkyl magnesium halides see also Grignard Reagents)***Magnesium-Copper Alloy-Aluminum Couples***see Aluminum-Copper-Magnesium Alloy Couples***Magnesium-Copper Alloys***see Copper-Magnesium Alloys***Magnesium-Copper Coatings***see Copper-Magnesium Coatings***Magnesium-Copper-Indium Alloys***see Copper-Indium-Magnesium Alloys***Magnesium-Copper-Iron-Silicon Systems***see Copper-Iron-Magnesium-Silicon Systems***Magnesium-Copper-Zinc Alloys***see Copper-Magnesium-Zinc Alloys***Magnesium Crystals****Magnesium Deuterides****Magnesium, Diethyl-****Magnesium Erbium Nitrates***xx Erbium Nitrates***Magnesium Ferrates(III)***xx Ferrates***Magnesium Ferrite-Magnesium Silicate-Magnesium Titanate Systems****Magnesium Ferrites***xx Ferrites***Magnesium Fluoride-Aluminum Fluoride-Sodium Fluoroaluminate Systems***see Aluminum Fluoride-Magnesium Fluoride-Sodium Fluoroaluminate Systems***Magnesium Fluoride-Aluminum Fluoride-Sodium Fluoride Systems***see Aluminum Fluoride-Magnesium Fluoride-Sodium Fluoride Systems***Magnesium Fluoride-Aluminum Oxide-Sodium Fluoroaluminate Systems***see Aluminum Oxide-Magnesium Fluoride-Sodium Fluoroaluminate Systems***Magnesium Fluoride-Barium Fluoride-Lithium Fluoride Systems***see Barium Fluoride-Lithium Fluoride-Magnesium Fluoride Systems***Magnesium Fluoride-Barium Fluoride Systems***see Barium Fluoride-Magnesium Fluoride Systems***Magnesium Fluoride-Beryllium Fluoride Systems***see Beryllium Fluoride-Magnesium Fluoride Systems***Magnesium Fluoride-Calcium Fluoride-Lithium Fluoride Systems***see Calcium Fluoride-Lithium Fluoride-Magnesium Fluoride Systems***Magnesium Fluoride-Calcium Fluoride Systems***see Calcium Fluoride-Magnesium Fluoride Systems***Magnesium Fluoride Crucibles***xx Fluoride Crucibles***Magnesium Fluoride Films***xx Fluoride Films***Magnesium Fluoride-Lithium Fluoride Systems***see Lithium Fluoride-Magnesium Fluoride Systems***Magnesium Fluoride-Lithium Fluoride-Yttrium Fluoride Systems***see Lithium Fluoride-Magnesium Fluoride-Yttrium Fluoride Systems***Magnesium Fluoride-Sodium Fluoride Systems****Magnesium Fluoride-Thorium Fluoride Systems****Magnesium Fluoride-Uranium Fluoride Systems****Magnesium Fluoride-Uranium Oxide Systems****Magnesium Fluorides****Magnesium-Gadolinium Alloys***see Gadolinium-Magnesium Alloys***Magnesium-Gallium Alloys***see Gallium-Magnesium Alloys***Magnesium-Germanium Alloys***see Germanium-Magnesium Alloys***Magnesium-Germanium Crystals***see Germanium-Magnesium Crystals***Magnesium Holmium Nitrates***xx Holmium Nitrates***Magnesium Hydrides****Magnesium-Hydrogen Systems***see Hydrogen-Magnesium Systems***Magnesium Hydroxides****Magnesium-Indium Alloys***see Indium-Magnesium Alloys***Magnesium-Indium-Lithium-Zinc Alloys***see Indium-Lithium-Magnesium-Zinc Alloys***Magnesium Iodides****Magnesium Ions****Magnesium-Iron Alloys***see Iron-Magnesium Alloys***Magnesium-Iron Compacts***see Iron-Magnesium Compacts***Magnesium-Iron-Phosphorus Systems***see Iron-Magnesium-Phosphorus Systems***Magnesium-Iron-Silicon Systems***see Iron-Magnesium-Silicon Systems***Magnesium Isotopes****Magnesium Isotopes Mg²⁰****Magnesium Isotopes Mg²²****Magnesium Isotopes Mg²³****Magnesium Isotopes Mg²⁴****Magnesium Isotopes Mg²⁵****Magnesium Isotopes Mg²⁶****Magnesium Isotopes Mg²⁷****Magnesium Isotopes Mg²⁸****Magnesium-Lanthanum Alloys***see Lanthanum-Magnesium Alloys***Magnesium Lanthanum Nitrates***xx Lanthanum Nitrates**Magnesium Nitrates***Magnesium-Lead Alloys***see Lead-Magnesium Alloys***Magnesium-Lead Couples***see Lead-Magnesium Couples***Magnesium-Lead Crystals***see Lead-Magnesium Crystals***Magnesium-Lead-Lithium Alloys***see Lead-Lithium-Magnesium Alloys***Magnesium-Lead-Mercury Alloys***see Lead-Magnesium-Mercury Alloys***Magnesium-Lead-Tin Alloys***see Lead-Magnesium-Tin Alloys***Magnesium-Lithium Alloys***see Lithium-Magnesium Alloys***Magnesium-Lithium-Manganese Alloys***see Lithium-Magnesium-Manganese Alloys***Magnesium-Lithium-Silver Alloys***see Lithium-Magnesium-Silver Alloys***Magnesium-Lithium-Zinc Alloys***see Lithium-Magnesium-Zinc Alloys***Magnesium-Manganese Alloys****Magnesium Manganese Ferrates***xx Manganese Ferrates***Magnesium-Manganese-Nickel Alloys****Magnesium-Manganese-Rare Earth Alloys****Magnesium-Manganese-Thorium Alloys****Magnesium-Manganese-Zirconium Alloys****Magnesium-Mercury Alloys****Magnesium-Neodymium Alloys****Magnesium Neodymium Nitrates***xx Magnesium Nitrates**Neodymium Nitrates***Magnesium-Neodymium-Silver-Zirconium Alloys****Magnesium-Nickel Alloys****Magnesium-Nickel Coatings****Magnesium-Nickel-Zirconium Alloys****Magnesium Niobates***xx Niobates***Magnesium Nitrate-Silver Nitrate Systems**

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- x Tables

Mathematics

(See also specific problem for application of mathematics, also specific mathematical methods, e g , Monte Carlo Method, Stochastic Methods etc)

*see also Bessel Functions**Biometry**Computers**Constants and Conversion Factors**Differential Equations**Fourier Transforms**Games Theory**Harmonic Analysis**Mathematical Tables**Perturbation Theory**Racah Coefficients**Statistics*

- x Statistical Mechanics

- xx Computers

*Mathematical Tables**Monte Carlo Method**Physics**Quantum Mechanics**Statistics**Stochastic Methods**Wave Mechanics***Mating****Matrices***see Reactor Matrices***Matter***(Theoretical studies only)*

Matterhorn Project*see also* Stellarators

- xx Stellarators
- Thermonuclear Reactions

MCR*see* Military Compact Reactor**MEA***see* Ethanethiol, 2-Amino-**Mechanical Beneficiation**

- x Beneficiation

Mechanical Drives*see also* Cams

- x Drives
- Tappets

Mechanical Engineering

- x Engineering

Mechanical Testing*see* Materials Testing**Mechanics**

(For studies of the mechanics of specific geometric shapes *see also* headings of the type Cylinders, Plates, Rods, Sheets, Shells (Geometry), Spheres, and Tori)

see also Materials Testing

Quantum Mechanics
Soil Mechanics
Stress Analysis
Structures

- x Dynamics
- Statistical Mechanics
- Stress and Strain
- xx Materials Testing
- Stress Analysis

Mechanisms*see* Reaction Mechanisms**Mecholy Bromide***see* Ammonium Compounds, Quaternary**Medical Research Reactor (MRR)***see* Brookhaven Medical Reactor**Medical Supplies****Medicine**

(Including clinical medicine)

see also Epidemiology

Hematology
Neurology
Pharmacology
Space Medicine
Tracer Techniques (Medicine)

Melamine

- x s-Triazine, 2,4,6-Triamino-

Melamine, Triethylene-

- x s-Triazine, 2,4,6-Triethylenimino-

Mellitic Acid**Melting***see also* Casting

Furnaces
Heat of Fusion

- x Fusion

Melting Point Apparatus

- xx Equipment and Procedures

Melusine Reactor*see* Grenoble Reactors (Melusine)**Membrane Filters**

- x Millipore Filters
- Molecular Filters
- xx Filters

Membranes*see also* Films

- xx Films

Memory Devices

- x Electrostatic Memory Tubes
- Storage Tubes
- xx Cathode-Ray Tubes

Computers

Mendelevium*see also* Actinides

- x Element One Hundred One

Mendelevium Isotopes**Mendelevium Isotopes Md²⁵⁴****Mendelevium Isotopes Md²⁵⁵****Mendelevium Isotopes Md²⁵⁶****Mercamine***see* Ethanethiol, 2-Amino-**Mercaptans***see* Thiols**Mercapto Group**

- x Sulfhydryl Group

Mercaptoles**Mercaptomerin****Merchant Ship Reactor***see* Maritime Pressurized Water Reactor**Merchant Vessels**

- x Ships

Mercurates*see also* Bromomercurates

Chloromercurates

Iodomercurates

- x Hydrargyrites

Mercuration**Mercury****Mercury-Alkali Metal Alloys***see* Alkali Metal-Mercury Alloys**Mercury Alkyls****Mercury Alloys**

- x Amalgams

Mercury-Aluminum Alloys*see* Aluminum-Mercury Alloys**Mercury-Aluminum-Lithium Alloys***see* Aluminum-Lithium-Mercury Alloys**Mercury-Ammonia Systems***see* Ammonia-Mercury Systems**Mercury-Argon Systems***see* Argon-Mercury Systems**Mercury-Barium Alloys***see* Barium-Mercury Alloys**Mercury-Beryllium Alloys***see* Beryllium-Mercury Alloys**Mercury, Biscyclopentadienyl-**

- xx Cyclopentadienyl Compounds

Mercury-Bismuth Alloys*see* Bismuth-Mercury Alloys**Mercury-Bismuth-Lead Alloys***see* Bismuth-Lead-Mercury Alloys**Mercury Bromide Complexes**

- xx Bromide Complexes

Mercury Bromides**Mercury Bromides, Methyl-****Mercury-Cadmium Alloys***see* Cadmium-Mercury Alloys**Mercury-Calcium Alloys***see* Calcium-Mercury Alloys**Mercury Cathodes**

- xx Cathodes

Mercury-Cerium Hydride Systems*see* Cerium Hydride-Mercury Systems**Mercury-Cesium Alloys***see* Cesium-Mercury Alloys**Mercury Chloride-Ammonium Oxalate Systems***see* Ammonium Oxalate-Mercury Chloride Systems**Mercury Chloride Complexes**

- xx Chloride Complexes

Mercury Chloride Electrodes

- xx Electrodes

Mercury Chloride-Mercury Systems*see* Mercury-Mercury Chloride Systems

Mercury Chloride-Potassium Sulfate Systems**Mercury Chloride-Sodium Bromide Systems****Mercury Chloride-Sodium Chloride Systems****Mercury Chlorides***see also Phenyl Mercuric Chloride***Mercury Chlorides, Methyl-****Mercury Complexes****Mercury Compounds****Mercury-Copper Alloys***see Copper-Mercury Alloys***Mercury-Copper Couples***see Copper-Mercury Couples***Mercury Cyanide Ions**

xx Cyanide Ions

Mercury Cyanides

xx Cyanides

Mercury Delay Lines

xx Computers

Delay Lines

Mercury Electrodes

xx Electrodes

Mercury-Europium Alloys*see Europium-Mercury Alloys***Mercury Fluorides****Mercury Formates**

xx Formates

Mercury-Gadolinium Alloys*see Gadolinium-Mercury Alloys***Mercury-Gallium Alloys***see Gallium-Mercury Alloys***Mercury Halides****Mercury Hydrides****Mercury-Indium Alloys***see Indium-Mercury Alloys***Mercury-Indium-Thallium Alloys***see Indium-Mercury-Thallium Alloys***Mercury Iodide Complexes**

xx Iodide Complexes

Mercury Iodides**Mercury Ions****Mercury-Iron Alloys***see Iron-Mercury Alloys***Mercury-Iron Couples***see Iron-Mercury Couples***Mercury Isotopes****Mercury Isotopes Hg¹⁸⁵****Mercury Isotopes Hg¹⁸⁶****Mercury Isotopes Hg¹⁸⁷****Mercury Isotopes Hg¹⁸⁸****Mercury Isotopes Hg¹⁸⁹****Mercury Isotopes Hg¹⁹⁰****Mercury Isotopes Hg¹⁹¹****Mercury Isotopes Hg¹⁹²****Mercury Isotopes Hg¹⁹³****Mercury Isotopes Hg¹⁹⁴****Mercury Isotopes Hg¹⁹⁵****Mercury Isotopes Hg¹⁹⁶****Mercury Isotopes Hg¹⁹⁷****Mercury Isotopes Hg¹⁹⁸****Mercury Isotopes Hg¹⁹⁹****Mercury Isotopes Hg²⁰⁰****Mercury Isotopes Hg²⁰¹****Mercury Isotopes Hg²⁰²****Mercury Isotopes Hg²⁰³****Mercury Isotopes Hg²⁰⁴****Mercury Isotopes Hg²⁰⁵****Mercury Isotopes Hg²⁰⁶****Mercury-Lanthanum Alloys***see Lanthanum-Mercury Alloys***Mercury-Lead Alloys***see Lead-Mercury Alloys***Mercury-Lead-Magnesium Alloys***see Lead-Magnesium-Mercury Alloys***Mercury-Magnesium Alloys***see Magnesium-Mercury Alloys***Mercury-Manganese Alloys***see Manganese-Mercury Alloys***Mercury-Mercury Chloride Systems****Mercury-Neodymium Alloys****Mercury-Nickel Alloys****Mercury Nitrates****Mercury Oxides****Mercury-Plutonium Alloys****Mercury-Polonium Alloys****Mercury-Potassium Alloys****Mercury-Praseodymium Alloys****Mercury-Rubidium Alloys****Mercury Salts***see also Benzoic Acid, p-Chloro-, Mercury Salt***Mercury-Samarium Alloys****Mercury-Sodium Alloys****Mercury-Steel Couples****Mercury Sulfides****Mercury Systems****Mercury Tellurides**

xx Tellurides

Mercury-Thallium Alloys**Mercury-Thorium Alloys****Mercury-Tin Alloys****Mercury-Titanium Alloys****Mercury-Uranium Alloys****Mercury-Uranium Hydride Systems****Mercury-Water Systems****Mercury-Zinc Alloys****Mercury-Zirconium Alloys****Meritectic Reactions***see Phase Studies***Mesic Atoms***(Positively charged nuclei to which negative pions or muons are bound in a Bohr-like orbit)*

xx Atoms

Mesitoic Acid*see β -Isodurylic Acid***Mesitols**

x Mesitylenols

Mesitols, Hydroxy-**Mesityl Oxide**

x 3-Penten-2-one, 4-Methyl-

Mesitylene

x Benzene, 1,3,5-Trimethyl-

Mesitylenes, Fluoro-**Mesitylenic Acid***see Xylic Acids***Mesitylenols***see Mesitols***Meson Beams**

x Beams

Meson Cross Sections

xx Cross Sections

Meson Decay

xx Decay Schemes

Meson Scattering Cross Sections

x Scattering Cross Sections

Meson Showers

x Showers

Meson Spectra

xx Spectra

Meson Theory*see Nuclear Theory***Meson Total Cross Sections**

xx Meson Cross Sections

Mesons*see also Antihyperons**Cosmic Mesons*

see also Hyperfragments

Hyperons

Photomesons

S Particles

- xx Cosmic Particles
- Elementary Particles
- Fermions
- S Particles

Mesons (β)

Mesons (C)

Mesons (χ)

see Mesons (K π 2)

Mesons (D)

- x D Mesons

Mesons (D $^-$)

Mesons (D 0)

Mesons (D $^+$)

MESONS (η)

Mesons (K)

Mesons (K $^-$)

Mesons (K 0)

Mesons (K $^+$)

Mesons (K β 3)

see Mesons (K ϵ 3)

Mesons (K $_{\pi 1}$)

Mesons (K $_{\pi 3}^-$)

Mesons (K $^0_{\pi 3}$)

Mesons (K $^+_{\pi 3}$)

Mesons (K $_{\pi 4}$)

Mesons (K μ)

see Mesons (K μ 2)

Mesons (K $_{\mu 2}$)

Mesons (K $_{\mu 2}^-$)

Mesons (K $^+_{\mu 2}$)

Mesons (K $_{\mu 4}$)

Mesons (K $_{\mu 3}^-$)

Mesons (K $^0_{\mu 3}$)

Mesons (K $^+_{\mu 3}$)

Mesons (K $_{\mu 4}$)

Mesons (K $_{\pi 2}$)

Mesons (K $_{\pi 2}^-$)

Mesons (K $^0_{\pi 2}$)

Mesons (K $^+_{\pi 2}$)

Mesons (K $_{\pi 3}$)

Mesons (K $_{\pi 3}^-$)

Mesons (K $^0_{\pi 3}$)

Mesons (K $^+_{\pi 3}$)

Mesons (κ)

see Mesons (K μ 3)

Mesons (L)

Mesons (L $^-$)

Mesons (L 0)

Mesons (L $^+$)

Mesons (λ^0)

Mesons (μ)

see also Muonium

Mesons (μ^-)

Mesons (μ^0)

Mesons (μ^+)

Mesons (ω)

Mesons (ω^-)

Mesons (ω^0)

Mesons (ω^+)

Mesons (π)

Mesons (π^-)

Mesons (π^0)

Mesons (π^+)

Mesons (ρ)

Mesons (ρ^-)

Mesons (ρ^0)

Mesons (ρ^+)

MESONS (σ)

Mesons (σ^0)

Mesons (τ)

see Mesons (K π 3)

Mesons (θ)

see Mesons (K π 2)

Mesons (V 0)

see V Particles

Mesons (ξ)

Mesotrons

see Mesons

Metaautunites

- xx Uranium Minerals

Metabolic Diseases

see also Diabetes

- xx Diseases

Metabolism

see also Animal Metabolism

Basal Metabolism

Mineral Metabolism

Plant Metabolism

- xx Basal Metabolism

Respiratory Cycles

Toxicology

Metabolism Cages

- x Cages

- xx Animal Care

Metaboric Acids

- xx Acids

Boric Acid

Metacinnabarites

Metaheinrichites

- xx Uranium Minerals

Metal Amides

see Amides

Metal Borides

see Borides

Metal Carbides

see Carbides

Metal Carbonyls

see Carbonyls

Metal-Ceramic Couples

see Ceramic-Metal Couples

Metal-Cermet Couples

see Cermet-Metal Couples

Metal Chelates

see Chelates

Metal Chloride Complexes

- xx Chloride Complexes

Metal Chlorides

see Chlorides

Metal-clad Plywood

see Plywood (Metal Clad)

Metal Coatings

(Uses, characteristics, and preparation including metal spraying, vacuum vaporization, and chemical deposition)

see also Coatings

Plating

- xx Coatings

Metallic Films

Metal Compacts

- xx Compacts

Porous Metals

Metal Complexes

- x Complexes

Metal Compounds

see also Alkali Metal Compounds

Intermetallic Compounds

Organic Compounds, Metallo-

- x Compounds

Metal Couples

- xx Couples

Metal Crystals

- xx Crystals

Metal Derivatives

see Azo Dyes, Metal Derivatives

Metal Fluoride Complexes

see Fluoride Complexes

Metal-Foil Detectors

see also Plastic-Film Detectors

- x Detectors
- Foil Detectors
- xx Radiation Detectors

Metal Halide Complexes

see Halide Complexes

Metal Halide Crystals

see Halide Crystals

Metal Halides

see also Alkali Metal Halides

- xx Halides

Metal Hydrides

see Hydrides

Metal Hydroxides

see Hydroxides

Metal Ions

see Ions

Metal-Metal Oxide Couples

see Ceramic-Metal Couples

Metal-Metal Oxide Systems

see Cermets

Metal Nitrides

see Nitrides

Metal-Organic Compounds

see Organic Compounds, Metallo

Metal Oxides

see Oxides

Metal Oxychlorides

see Oxychlorides

Metal Plates

see Plates

Metal Powders

(See also specific metal powders)

- xx Metals
- Powders

Metal-Salt Systems**Metal Spraying**

- x Spraying
- xx Plating

Metal Sulfide Complexes

- xx Sulfide Complexes

Metal Sulfide Films

- xx Sulfide Films

Metal Systems**Metallex Process**

(An alkali-metal amalgam reduction process for the production of metallic thorium Developed at ORNL)

Metallic Films

(See also headings for specific metallic films and foils identified by materials)

see also Coatings

Metallic Foils

- xx Films
- Metallic Foils

Metallic Filters

- xx Filter Materials
- Filters

Metallic Foams

- x Foams

Metallic Foils

see also Metallic Films

- xx Foils
- Metallic Films

Metallography**Metallurgical Equipment**

see also Metallurgy

see also Mineral Dressing

xx Equipment and Procedures
Metallurgical Processes

see Mineral Dressing

Metallurgy

see also Electrometallurgy

Hydrometallurgy
Lyometallurgy
Powder Metallurgy
Tracer Techniques (Metallurgy)

- xx Materials Testing
- Metallurgical Equipment

Metals

(See also specific metals)

see also Alkali Metals

Alkaline Earth Metals
Alloys
Building Materials
Metal Powders
Platinum Metals
Porous Metals
Rare Earths
Reactor Materials

- xx Alloys

Metals (Liquid)

(See also specific metals and alloys)

see also Fused Salt-Liquid Metal Systems

Liquid Baths
Reactor Fuel Alloys (Liquid)

- x Alloys (Liquid)

Liquid Metals

- xx Liquids

Metamict Minerals

- xx Minerals

Metamorphosis**Metanovacekites**

- xx Uranium Minerals

Metaphosphates

see also Calcium Metaphosphates

Molybdenum Metaphosphates

- xx Phosphates

Metaplasia**Metatorbernites**

- xx Torbernites

Metatyuyamunites**Metauranocircites**

see also Uranocircites

- xx Uranocircites

Metavanadates

see also Ammonium Metavanadates

- xx Vanadates

Metazeunerites

- xx Zeunerites

Meteorites

see also Chondrites

Meteorological Instruments

(See also specific instruments)

- xx Anemometers
- Instruments

Meteorology

see also Atmosphere

Stack Disposal

- xx Air
- Atmosphere
- Stack Disposal

Metering Pumps

- xx Pumps

Meters

see Altimeters
Anemometers
Barometers
Bolometers

see **Calorimeters**

Colorimeters

Coulometers

Densitometers

Dilatometers

Dynamometers

Electric Meters

Electrometers

Extensometers

Flowmeters

Fluorimeters

Fluxmeters

Frequency Meters

Galvanometers

Goniometers

Hygrometers

Hypsometers

Interferometers

Magnetometers

Manometers

Nephelometers

Nitrometers

Ohmmeters

Penetrameters

pH Meters

Photometers

Potentiometers

Pyrometers

Quantometers

Radiometers

Rate Meters

Reflectometers

Refractometers

Rotameters

Seismometers

Spectrometers

Tachometers

Thermometers

Torque Meters

Viscometers

Voltmeters

Methacrylamide

Methacrylamide Polymers

xx Polymers

Methacrylic Acid

Methacrylic Acid, Alkali Metal Salts

x Alkali Metal Methacrylates

Methacrylic Acid, Butyl Ester

Methacrylic Acid, Cyclohexyl Ester Polymers

xx Polymers

Methacrylic Acid, Docosyl Ester Polymers

xx Polymers

Methacrylic Acid, Esters

xx Esters

Methacrylic Acid, Ethyl Ester Polymers

xx Polymers

Methacrylic Acid, Methyl Ester

x Methyl Methacrylate

Methacrylic Acid, Methyl Ester-Benzene Systems

see **Benzene-Methacrylic Acid, Methyl Ester Systems**

Methacrylic Acid, Methyl Ester-Carbon Tetrachloride Systems

see **Carbon Tetrachloride-Methacrylic Acid, Methyl Ester Systems**

Methacrylic Acid, Methyl Ester-Ethyl Acetate Systems

see **Ethyl Acetate-Methacrylic Acid, Methyl Ester Systems**

Methacrylic Acid, Methyl Ester Polymers

x Plexiglas

xx Polymers

Methacrylic Acid Polymers

xx Polymers

Methacrylonitrile

xx Nitriles

Methadol

see **3-Heptanone, 6-Dimethylamino-4,4-Diphenyl-**

Methanal

see **Formaldehyde**

Methane

Methane (Liquid)

Methane-Argon Systems

see **Argon-Methane Systems**

Methane, Bis(p-Dimethylaminophenyl)- (4,5-Dimethyl-2-Thienyl)

x Nordon

Methane, Bromo-

x Methyl Bromide

xx Bromoorganic Compounds

Methane, Bromochloro-

Methane, Bromochlorodifluoro-

Methane, Bromodichloro-

Methane, Bromodifluoro-

Methane, Bromotrichloro-

Methane, Bromotrifluoro-

Methane-Carbon Dioxide Systems

see **Carbon Dioxide-Methane Systems**

Methane-Carbon Tetrafluoride Systems

see **Carbon Tetrafluoride-Methane Systems**

Methane, Chloro-

x Methyl Chloride

Methane, Chlorodifluoro-

Methane, Chlorofluoro-

Methane, Chlorotrifluoro-

Methane, Chlorotriphenyl-

Methane, Diazo-

Methane, Diazodiphenyl-

Methane, Dibenzoyl-

see **1,3-Propanedione, 1,3-Diphenyl-**

Methane, Dibromo-

Methane, Dibromochloro-

Methane, Dibromodifluoro-

Methane, Dichloro-

Methane, Dichlorodifluoro-

x Freon 12

Methane, Dichlorofluoro-

Methane, Difluoro-

Methane, Diiodo-

Methane, Dimethoxy-

see **Methylal**

Methane, Dinitro-

Methane Films

xx Films

Methane, Fluoro-

Methane, Halo-

Methane-Hydrogen Systems

see **Hydrogen-Methane Systems**

Methane, Iodo-

x Methyl Iodide

Methane, Iodo-Iodine Systems

see **Iodine-Methane, Iodo- Systems**

Methane, Iodo--Propane Systems

Methane, Nitro-

Methane, Nitro--Water Systems

Methane, Oxo-

see **Formaldehyde**

Methane-Oxygen Systems

Methane Systems

Methane, Tetrabromo-

see **Carbon Tetrabromide**

Methane, Tetrachloro-

see **Carbon Tetrachloride**

Methane, Tetrafluoro-

see **Carbon Tetrafluoride**

Methane, Tetraiodo-

see **Carbon Tetraiodide**

Methane, Tribromo-

see **Bromoform**

Methane, Tribromochloro-

Methane, Trichloro-

*see Chloroform***Methane, Trichlorofluoro-**

x Freon 11

Methane, Trichloronitro-

see Chloropicrin

Methane, Trifluoro-

*see Fluoroform***Methane, Trifluoroiodo-**

Methane, Triiodo-

see Iodoform

Methane, Trinitro-

*see Nitroform***Methane, Triphenyl-, Derivatives****Methane, Tris(4-Dimethylaminophenyl)-****Methane-Water Systems****Methanes, Halo-****Methanesulfonic Acid**

xx Sulfonic Acids

Methanesulfonic Acid, Ethyl Ester**Methanesulfonic Acid, Propyl Ester****Methanesulfonic Acid, Tetramethylene Ester****Methanethiol**

Methanoic Acid

*see Formic Acid***Methanol**

x Methyl Alcohol

xx Alcohols

Methanol-Benzene Systems*see Benzene-Methanol Systems***Methanol-Cyclohexane Systems***see Cyclohexane-Methanol Systems***Methanol-Boron Fluoride Systems***see Boron Fluoride-Methanol Systems***Methanol-Butyl Phosphate-Kerosene-Water Systems***see Butyl Phosphate-Kerosene-Methanol-Water Systems***Methanol-Butyl Phosphate-Water Systems***see Butyl Phosphate-Methanol-Water Systems***Methanol-Carbon Tetrachloride Systems***see Carbon Tetrachloride-Methanol Systems***Methanol-Carbonic Acid-Sodium Tetraborate Systems***see Carbonic Acid-Methanol-Sodium Tetraborate Systems***Methanol-Ethanol-Water Systems***see Ethanol-Methanol-Water Systems***Methanol, Fluorenyl-***see 9-Fluorenylmethanols***Methanol-Methyl Borate-Petroleum Systems****Methanol-Methyl Borate Systems****Methanol-Water Systems****Methanols, Alkylbis(2-Picolyl)-****Methanols, Triphenyl-****Methemoglobinemia****Methionine**x Butyric Acid, α -Amino- γ -Methylmercapto-**Methionine Chelates**

xx Chelates

Methyl Acetates*see Acetic Acid, Methyl Ester***Methyl Acrylate***see Acrylic Acid, Methyl Ester***Methyl Alcohol***see Methanol***Methyl Benzoate***see Benzoic Acid, Methyl Ester***Methyl Borate-Boron Fluoride Systems***see Boron Fluoride-Methyl Borate Systems***Methyl Borate-Boron Oxide Systems***see Boron Oxide-Methyl Borate Systems***Methyl Borate-Ethane, Dimethoxy- Systems***see Ethane, Dimethoxy-Methyl Borate Systems***Methyl Borate-Methanol-Petroleum Systems***see Methanol-Methyl Borate-Petroleum Systems***Methyl Borate-Methanol Systems***see Methanol-Methyl Borate Systems***Methyl Borate-Petroleum Systems****Methyl Borates**

x Borine, Trimethoxy

Trimethyl Borate

xx Borates

Methyl Bromide*see Methane, Bromo-***Methyl Carbonate***see Carbonic Acid, Dimethyl Ester***Methyl Chloride***see Methane, Chloro-***Methyl Cyanide***see Acetonitrile***Methyl Ether**

x Dimethyl Ether

Methyl Ether-Boron Fluoride Systems*see Boron Fluoride-Methyl Ether Systems***Methyl Ether Complexes****Methyl Group***see also Trichloromethyl Groups**Trifluoromethyl Groups***Methyl Hexyl Ketone***see 2-Octanone***Methyl Iodide***see Methane, Iodo-***Methyl Isobutyl Carbinol***see 2-Pentanol, 4-Methyl-***Methyl Isobutyl Ketone***see 2-Pentanone, 4-Methyl-***Methyl Isocyanide**

xx Isocyanides

Methyl Isopropyl Diketone*see 2,3-Pentanedione, 4-Methyl-***Methyl Methacrylate***see Methacrylic Acid, Methyl Ester***Methyl Nitrites**

xx Nitrites

Methyl Radicals**Methyl Red****Methyl Selenides**

xx Selenides

Methyl Sodium Carbonates*see Sodium Methyl Carbonates***Methyl Sulfates**

xx Sulfates

Methyl Sulfoxide

xx Sulfoxides

Methyl Yellow*see Aniline, N, N-Dimethyl-p-Phenylazo-***Methylal**

x Methane, Dimethoxy-

Methylamine**Methylamine, Bis(2-Chloroethyl)-****Methylamine, Bis(2-Chloroethyl)- Hydrochloride****Methylamines, Fluoro-****Methylene****Methylene Blue****Methylenimine**

x Azomethines

Metrazole

x Pentamethylenetetrazole

MGCR*see Maritime Gas Cooled Reactor***Mica***see also Biotites**Lepidolites**Muscovites***Mice**

xx Animals

Michigan Research Reactor

- x Ford Reactor
- xx Enriched Reactors
- Heterogeneous Reactors
- Research Reactors
- Swimming Pool Reactors
- Thermal Reactors
- Water Moderated Reactors

Microanalysis

- xx Analysis

Microbalances

- see Balances*

Microclines

- see Feldspars*

Micrography

- see Photomicrography*

Microoliths**Microorganisms**

(*See also Bacteria, etc.*)

see also Protozoa

- xx Organisms

Microradiography

- see Radiography*

Microscopes

see also Electron Microscopes

Field Emission Microscopes

Particle Microscopes

- x Lenses
- xx Optical Systems

Microscopy

see also Electron Microscopy

Field Emission Microscopy

Photomicrography

X-Ray Microscopy

- xx Photomicrography

Microstructure

- see Grain Structure*

Microtomes**Microtron**

(*An electron cyclotron*)

- see Cyclotrons*

Microwave Equipment

see also Cavity Resonators

Electron Tubes

Microwave Oscillators

Microwave Spectrometers

- x Waveguides
- xx Equipment and Procedures

Microwave Oscillators

- x Harmodotron
- Magnetrons
- Rebatron
- xx Microwave Equipment
- Oscillators

Microwave Spectra

- xx Microwave Spectroscopy
- Spectra

Microwave Spectrometers

see also Radiofrequency Spectrometers

- xx Microwave Equipment
- Microwave Spectroscopy
- Radiofrequency Spectrometers
- Spectrometers

Microwave Spectroscopy

see also Microwave Spectra

Microwave Spectrometers

- xx Spectroscopy

Microwaves

see also Radar

- x Millimeter Waves
- Waves
- xx Radar

Radio Waves**Mighty Mouse Reactor**

see Argonne Mighty Mouse Research Reactor

Milipore Filters

see Membrane Filters

Military Compact Reactor

- x MCR
- xx Package Power Reactors

Military Facilities

see also Airbases

Military Personnel

see also Aviation Personnel

- xx Personnel

Milk**Millimeter Waves**

see Microwaves

Milling

see Crushing

Grinding

Millisites**Mills**

see Ball Mills

Rolling Mills

Mineral Beneficiation

- x Beneficiation
- xx Mineral Dressing

Mineral Deposits

(*This heading may be modified by location in the form Mineral*

Deposits (N. Mex. J.))

- x Deposits

Mineral Dressing

- x Dressing
- Metallurgical Processes
- xx Grinding
- Metallurgical Equipment
- Ores

Mineral Metabolism

- xx Metabolism

Mineral Oil

see Petroleum

Mineral Resources

see also Beryllium Reserves

Gallium Reserves

Manganese Reserves

Niobium Reserves

Phosphate Reserves

Tantalum Reserves

Thorium Reserves

Uranium Reserves

Vanadium Reserves

Mineral Uptake**Mineral Wool**

see Glass Wool

Mineralogy

see also Crystallography

Geology

Minerals

Tracer Techniques (Mineralogy)

- xx Geology

Minerals

(*See also specific minerals and classes of minerals identified by specific metals*)

see also Metamict Minerals

Radioactive Minerals

Rare Earth Minerals

- xx Mineralogy
- Ores

Mining**Mining Equipment**

- xx Equipment and Procedures

Minometer

see Radiation Detection Instruments (Ion Current Type)

Mirrors

see also Magnetic Mirrors
xx Reflection

Misch Metal

xx Cerium Alloys
Rare Earth Alloys

Missiles

see also Crater Missiles
Guided Missiles

MIT Research Reactor

x Massachusetts Institute of Technology Reactor
xx Heavy Water Reactors
Research Reactors

Mites

see Arachnids

Miticides

see Insecticides

Mitochondria

xx Nuclei (Cells)

Mitomycins

xx Antibiotics

Mitosis

see also Chromosomes
Genetics
xx Chromosomes
Nuclei (Cells)

Mixed Flow Compressors

xx Compressors

Mixer-Settlers

xx Extraction Apparatus

Mixers

xx Reactors

Mixing

see also Stirring Apparatus
x Mixing Efficiency
xx Stirring Apparatus

Mixing Efficiency

see Mixing
Stirring Apparatus

ML-1 Reactors

see Army Reactors (ML-1)

Models

see Atomic Models
Biological Models
Nuclear Models

Moderator Control Reactor

see Spectral Shift Control Reactor

Moderators (Reactor)

see Reactor Moderators

Modifiers

see Pulse Modifiers

Modulation

see Frequency Modulation

Modulation Receivers

see Frequency Modulation Receivers

Modulators

see Pulse Modifiers
Pulse Transformers

Molding Materials

see also Gypsum Products
Plastics

Molds

(*See also as main heading by the material of the mold, as listed below, in the biological sense see also Fungi*)
see also Copper Molds
Dies
Gypsum Products
Iron Molds

Molecular Beams

see also Ion Beams
x Beams
xx Ion Beams

Molecular Films

see also Monomolecular Films
xx Films

Molecular Filters

see Membrane Filters

Molecular Forces

see Intermolecular Forces

Molecular Moments

see Electric Moments
Magnetic Moments

Molecular Properties

x Properties

Molecular Rearrangements

x Wagner Rearrangement

Molecular Structure**Molecular Weights****Molecules**

see also Carbon Molecules

Mollusks**Molten Metal Extraction Processes**

see Alloy Separation Processes
High Temperature Separation Processes

Molten Salt Reactor Experiment

x MSRE
ORNL Reactors
xx Fluid Fuel Reactors
Liquid Metal Cooled Reactors
Research Reactors

Molybdate Complexes

see also Cyanomolybdate Complexes
x Complexes

Molybdate Ions**Molybdates**

see also Ammonium Molybdates
Ammonium Phosphomolybdates
Barium Molybdates
Chloromolybdates
Cobalt Molybdates
Cyanomolybdates
Fluomolybdates
Iron Molybdates
Nickel Molybdates
Strontium Molybdates
Uranium Molybdates
Uranyl Molybdates

Molybdenites**Molybdenum****Molybdenum (Clad)****Molybdenum (Zr Clad)**

xx Zirconium Cladding

Molybdenum Alloy Couples**Molybdenum Alloys****Molybdenum-Aluminum Alloys**

see Aluminum-Molybdenum Alloys

Molybdenum-Aluminum-Beryllium-Titanium Alloys

see Aluminum-Beryllium-Molybdenum-Titanium Alloys

Molybdenum-Aluminum-Boron-Chromium Carbide-Iron-Titanium Carbide Systems

see Aluminum-Boron-Chromium Carbide-Iron-Molybdenum-Titanium Carbide Systems

Molybdenum-Aluminum-Boron-Chromium-Silicon Systems

see Aluminum-Boron-Chromium-Molybdenum-Silicon Systems

Molybdenum-Aluminum-Cerium-Iron Alloys

see Aluminum-Cerium-Iron-Molybdenum Alloys

Molybdenum-Aluminum-Chromium-Cobalt Alloys

see Aluminum-Chromium-Cobalt-Molybdenum Alloys

Molybdenum-Aluminum-Chromium-Cobalt-Nickel-Titanium Alloys

see Aluminum-Chromium-Cobalt-Molybdenum-Nickel-Titanium Alloys

Molybdenum-Aluminum-Chromium-Iron-Nickel-Titanium Alloys

see Aluminum-Chromium-Iron-Molybdenum-Nickel-Titanium Alloys

Molybdenum-Aluminum-Chromium-Nickel-Zirconium Alloys

see *Aluminum-Chromium-Molybdenum-Nickel-Zirconium Alloys*

Molybdenum-Aluminum-Chromium Steel
see *Aluminum-Chromium-Molybdenum Steel*

Molybdenum-Aluminum-Chromium-Titanium Alloys
see *Aluminum-Chromium-Molybdenum-Titanium Alloys*

Molybdenum-Aluminum-Chromium-Tungsten Alloys
see *Aluminum-Chromium-Molybdenum-Tungsten Alloys*

Molybdenum-Aluminum-Chromium-Zirconium Alloys
see *Aluminum-Chromium-Molybdenum-Zirconium Alloys*

Molybdenum-Aluminum-Cobalt Alloys
see *Aluminum-Cobalt-Molybdenum Alloys*

Molybdenum-Aluminum-Cobalt-Tantalum Alloys
see *Aluminum-Cobalt-Molybdenum-Tantalum Alloys*

Molybdenum-Aluminum-Germanium-Titanium Alloys
see *Aluminum-Germanium-Molybdenum-Titanium Alloys*

Molybdenum-Aluminum-Iron Alloys
see *Aluminum-Iron-Molybdenum Alloys*

Molybdenum-Aluminum-Iron-Nickel Alloys
see *Aluminum-Iron-Molybdenum-Nickel Alloys*

Molybdenum-Aluminum-Iron-Niobium-Titanium Alloys
see *Aluminum-Iron-Molybdenum-Niobium-Titanium Alloys*

Molybdenum-Aluminum-Iron-Niobium-Tungsten Alloys
see *Aluminum-Iron-Molybdenum-Niobium-Tungsten Alloys*

Molybdenum-Aluminum-Iron-Titanium Alloys
see *Aluminum-Iron-Molybdenum-Titanium Alloys*

Molybdenum-Aluminum-Iron-Uranium Alloys
see *Aluminum-Iron-Molybdenum-Uranium Alloys*

Molybdenum-Aluminum-Nickel Alloys
see *Aluminum-Molybdenum-Nickel Alloys*

Molybdenum-Aluminum-Nickel-Niobium Carbide-Titanium Carbide Systems
see *Aluminum-Molybdenum-Nickel-Niobium Carbide-Titanium Carbide Systems*

Molybdenum-Aluminum-Niobium Alloys
see *Aluminum-Molybdenum-Niobium Alloys*

Molybdenum-Aluminum Oxide-Chromium Systems
see *Aluminum Oxide-Chromium-Molybdenum Systems*

Molybdenum-Aluminum Oxide-Chromium-Titanium Oxide Systems
see *Aluminum Oxide-Chromium-Molybdenum-Titanium Oxide Systems*

Molybdenum-Aluminum Oxide Systems
see *Aluminum Oxide-Molybdenum Systems*

Molybdenum-Aluminum-Oxygen-Titanium Systems
see *Aluminum-Molybdenum-Oxygen-Titanium Systems*

Molybdenum-Aluminum-Tin Alloys
see *Aluminum-Molybdenum-Tin Alloys*

Molybdenum-Aluminum-Tin-Titanium Alloys
see *Aluminum-Molybdenum-Tin-Titanium Alloys*

Molybdenum-Aluminum-Tin-Zirconium Alloys
see *Aluminum-Molybdenum-Tin-Zirconium Alloys*

Molybdenum-Aluminum-Titanium Alloys
see *Aluminum-Molybdenum-Titanium Alloys*

Molybdenum-Aluminum-Titanium-Vanadium Alloys
see *Aluminum-Molybdenum-Titanium-Vanadium Alloys*

Molybdenum-Aluminum-Zirconium Alloys
see *Aluminum-Molybdenum-Zirconium Alloys*

Molybdenum Ammonium Fluorides
see *Ammonium Molybdenum Fluorides*

Molybdenum-Beryllium Alloys
see *Beryllium-Molybdenum Alloys*

Molybdenum-Beryllium-Cobalt Alloys
see *Beryllium-Cobalt-Molybdenum Alloys*

Molybdenum-Beryllium-Nickel Alloys
see *Beryllium-Molybdenum-Nickel Alloys*

Molybdenum-Beryllium-Uranium Alloys
see *Beryllium-Molybdenum-Uranium Alloys*

Molybdenum Boride-Nickel-Silver Systems

Molybdenum Borides
 xx Borides

Molybdenum-Boron-Chromium Systems
see *Boron-Chromium-Molybdenum Systems*

Molybdenum-Boron-Nickel Systems
see *Boron-Molybdenum-Nickel Systems*

Molybdenum-Boron-Silicon Systems

see *Boron-Molybdenum-Silicon System*

Molybdenum-Boron Systems

see *Boron-Molybdenum Systems*

Molybdenum Bromides

Molybdenum-Cadmium Alloys

see *Cadmium-Molybdenum Alloys*

Molybdenum Carbide-Aluminum-Boron-Iron-Titanium Carbide Systems

see *Aluminum-Boron-Iron-Molybdenum Carbide-Titanium Carbide Systems*

Molybdenum Carbide-Hafnium Carbide Systems

see *Hafnium Carbide-Molybdenum Carbide Systems*

Molybdenum Carbide-Silicon Carbide Systems

Molybdenum Carbide-Thorium Carbide-Uranium Carbide Systems

Molybdenum Carbides

Molybdenum-Carbon-Iron Systems

see *Carbon-Iron-Molybdenum Systems*

Molybdenum-Carbon-Silicon Systems

see *Carbon-Molybdenum-Silicon Systems*

Molybdenum-Carbon Systems

see *Carbon-Molybdenum Systems*

Molybdenum-Carbon-Titanium Systems

see *Carbon-Molybdenum-Titanium Systems*

Molybdenum-Carbon-Titanium-Zirconium Systems

see *Carbon-Molybdenum-Titanium-Zirconium Systems*

Molybdenum-Carbon-Tungsten Systems

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Molybdenum-Carbon-Zirconium Systems

see *Carbon-Molybdenum-Zirconium Systems*

Molybdenum Carbonyls

Molybdenum Cesium Fluorides

see *Cesium Molybdenum Fluorides*

Molybdenum Chlorides

see also *Potassium Molybdenum Chlorides*

Molybdenum-Chromium Alloys

see *Chromium-Molybdenum Alloys*

Molybdenum-Chromium Boride Systems

see *Chromium Boride-Molybdenum Systems*

Molybdenum-Chromium-Cobalt Alloys

see *Chromium-Cobalt-Molybdenum Alloys*

Molybdenum-Chromium-Cobalt-Iron-Manganese-Nickel Alloys

see *Chromium-Cobalt-Iron-Manganese-Molybdenum-Nickel Alloys*

Molybdenum-Chromium-Cobalt-Iron-Nickel Alloys

see *Chromium-Cobalt-Iron-Molybdenum-Nickel Alloys*

Molybdenum-Chromium-Cobalt-Iron-Nickel-Niobium-Tungsten Alloys

see *Chromium-Cobalt-Iron-Molybdenum-Nickel-Niobium-Tungsten Alloys*

Molybdenum-Chromium-Cobalt-Nickel Alloys

see *Chromium-Cobalt-Molybdenum-Nickel Alloys*

Molybdenum-Chromium-Cobalt-Nickel-Niobium-Tungsten Alloys

see *Chromium-Cobalt-Molybdenum-Nickel-Niobium-Tungsten Alloys*

Molybdenum-Chromium-Cobalt-Nickel-Titanium Alloys

see *Chromium-Cobalt-Molybdenum-Nickel-Titanium Alloys*

Molybdenum-Chromium-Cobalt-Nickel-Titanium-Tungsten Alloys

see *Chromium-Cobalt-Molybdenum-Nickel-Titanium-Tungsten Alloys*

Molybdenum-Chromium-Cobalt-Nickel-Titanium Systems

see *Chromium-Cobalt-Molybdenum-Nickel-Titanium Systems*

Molybdenum-Chromium-Copper-Iron-Nickel Alloys

see *Chromium-Copper-Iron-Molybdenum-Nickel Alloys*

Molybdenum-Chromium-Copper-Nickel Alloys

see *Chromium-Copper-Molybdenum-Nickel Alloys*

Molybdenum-Chromium-Iron Alloys

see *Chromium-Iron-Molybdenum Alloys*

Molybdenum-Chromium-Iron-Manganese-Nickel-Silicon Systems

see *Chromium-Iron-Manganese-Molybdenum-Nickel-Silicon Systems*

Molybdenum-Chromium-Iron-Manganese-Nickel-Titanium Alloys

see *Chromium-Iron-Manganese-Molybdenum-Nickel-Titanium Alloys*

Molybdenum-Chromium-Iron-Manganese-Nickel-Tungsten Alloys

see *Chromium-Iron-Manganese-Molybdenum-Nickel-Tungsten Alloys*

Molybdenum-Chromium-Iron-Manganese-Titanium Alloys

see *Chromium-Iron-Manganese-Molybdenum-Titanium Alloys*

Molybdenum-Chromium-Iron-Manganese-Titanium-Vanadium Alloys

see Chromium-Iron-Manganese-Molybdenum-Titanium-Vanadium Alloys

Molybdenum-Chromium-Iron-Nickel Alloys

see Chromium-Iron-Molybdenum-Nickel Alloys

Molybdenum-Chromium-Iron-Nickel-Titanium Alloys

see Chromium-Iron-Molybdenum-Nickel-Titanium Alloys

Molybdenum-Chromium-Iron-Nickel-Uranium Nitride Systems (Clad)

see Chromium-Iron-Molybdenum-Nickel-Uranium Nitride Systems (Clad)

Molybdenum-Chromium-Iron-Silicon Systems

see Chromium-Iron-Molybdenum-Silicon Systems

Molybdenum-Chromium-Iron-Titanium Alloys

see Chromium-Iron-Molybdenum-Titanium Alloys

Molybdenum-Chromium-Iron-Tungsten Alloys

see Chromium-Iron-Molybdenum-Tungsten Alloys

Molybdenum-Chromium-Iron-Vanadium Alloys

see Chromium-Iron-Molybdenum-Vanadium Alloys

Molybdenum-Chromium-Iron-Yttrium Alloys

see Chromium-Iron-Molybdenum-Yttrium Alloys

Molybdenum-Chromium-Manganese-Titanium Alloys

see Chromium-Manganese-Molybdenum-Titanium Alloys

Molybdenum-Chromium-Nickel Alloys

see Chromium-Molybdenum-Nickel Alloys

Molybdenum-Chromium-Nickel Steel

see Chromium-Molybdenum-Nickel Steel

Molybdenum-Chromium-Nickel-Tungsten Alloys

see Chromium-Molybdenum-Nickel-Tungsten Alloys

Molybdenum-Chromium-Niobium Alloys

see Chromium-Molybdenum-Niobium Alloys

Molybdenum-Chromium-Niobium-Titanium Alloys

see Chromium-Molybdenum-Niobium-Titanium Alloys

Molybdenum-Chromium-Rhenium Alloys

see Chromium-Molybdenum-Rhenium Alloys

Molybdenum-Chromium-Silicon Systems

see Chromium-Molybdenum-Silicon Systems

Molybdenum-Chromium Steel

see Chromium-Molybdenum Steel

Molybdenum-Chromium-Titanium Alloys

see Chromium-Molybdenum-Titanium Alloys

Molybdenum-Chromium-Titanium Boride Systems

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Molybdenum-Chromium-Tungsten Alloys

see Chromium-Molybdenum-Tungsten Alloys

Molybdenum-Chromium-Uranium Alloys

see Chromium-Molybdenum-Uranium Alloys

Molybdenum-Chromium-Vanadium Alloys

see Chromium-Molybdenum-Vanadium Alloys

Molybdenum-Chromium-Vanadium Steel

see Chromium-Molybdenum-Vanadium Steel

Molybdenum-Chromium-Yttrium Alloys

see Chromium-Molybdenum-Yttrium Alloys

Molybdenum Coatings

see also Uranium (Mo Clad)

xx Coatings

Molybdenum-Cobalt Alloys

see Cobalt-Molybdenum Alloys

Molybdenum-Cobalt-Iron Alloys

see Cobalt-Iron-Molybdenum Alloys

Molybdenum-Cobalt-Iron-Nickel Alloys

see Cobalt-Iron-Molybdenum-Nickel Alloys

Molybdenum-Cobalt-Manganese Alloys

see Cobalt-Manganese-Molybdenum Alloys

Molybdenum-Cobalt-Nickel Alloys

see Cobalt-Molybdenum-Nickel Alloys

Molybdenum-Cobalt-Nickel-Tungsten Alloys

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Molybdenum-Cobalt-Niobium Alloys

see Cobalt-Molybdenum-Niobium Alloys

Molybdenum-Cobalt-Silicon Systems

see Cobalt-Molybdenum-Silicon Systems

Molybdenum-Cobalt-Silicon-Titanium Systems

see Cobalt-Molybdenum-Silicon-Titanium Systems

Molybdenum-Cobalt-Tantalum Alloys

see Cobalt-Molybdenum-Tantalum Alloys

Molybdenum-Cobalt-Titanium Alloys

see Cobalt-Molybdenum-Titanium Alloys

Molybdenum-Cobalt-Tungsten Alloys

see Cobalt-Molybdenum-Tungsten Alloys

Molybdenum Compacts**Molybdenum Complexes****Molybdenum Compounds****Molybdenum-Copper Alloys**

see Copper-Molybdenum Alloys

Molybdenum-Copper-Iron Alloys

see Copper-Iron-Molybdenum Alloys

Molybdenum-Copper-Silicon Systems

see Copper-Molybdenum-Silicon Systems

Molybdenum-Copper-Zirconium Alloys

see Copper-Molybdenum-Zirconium Alloys

Molybdenum Couples**Molybdenum Crucibles****Molybdenum Crystals****Molybdenum Electrodes**

xx Electrodes

Molybdenum Fluorides

see also Ammonium Molybdenum Fluorides

Cesium Molybdenum Fluorides

Potassium Molybdenum Fluorides

Rubidium Molybdenum Fluorides

Molybdenum Foils

xx Foils

Molybdenum-Gold Alloys

see Gold-Molybdenum Alloys

Molybdenum-Graphite Systems

see Graphite-Molybdenum Systems

Molybdenum-Hafnium Alloys

see Hafnium-Molybdenum Alloys

Molybdenum-Hafnium Oxide Systems

see Hafnium Oxide-Molybdenum Systems

Molybdenum-Hafnium-Tantalum Alloys

see Hafnium-Molybdenum-Tantalum Alloys

Molybdenum Halides**Molybdenum Hydrides****Molybdenum Iodides****Molybdenum Ions****Molybdenum-Iron Alloys**

see Iron-Molybdenum Alloys

Molybdenum-Iron Crystals

see Iron-Molybdenum Crystals

Molybdenum-Iron-Nickel Alloys

see Iron-Molybdenum-Nickel Alloys

Molybdenum-Iron-Nickel-Silicon Systems

see Iron-Molybdenum-Nickel-Silicon Systems

Molybdenum-Iron-Nickel-Tungsten Alloys

see Iron-Molybdenum-Nickel-Tungsten Alloys

Molybdenum-Iron-Niobium Alloys

see Iron-Molybdenum-Niobium Alloys

Molybdenum-Iron-Rhenium Alloys

see Iron-Molybdenum-Rhenium Alloys

Molybdenum-Iron-Silicon Systems

see Iron-Molybdenum-Silicon Systems

Molybdenum-Iron-Titanium Alloys

see Iron-Molybdenum-Titanium Alloys

Molybdenum-Iron-Uranium Alloys

see Iron-Molybdenum-Uranium Alloys

Molybdenum Isotopes**Molybdenum Isotopes Mo⁹⁰****Molybdenum Isotopes Mo⁹¹****Molybdenum Isotopes Mo⁹²****Molybdenum Isotopes Mo⁹³****Molybdenum Isotopes Mo⁹⁴****Molybdenum Isotopes Mo⁹⁵****Molybdenum Isotopes Mo⁹⁶**

- Molybdenum Isotopes Mo⁸⁷**
- Molybdenum Isotopes Mo⁹⁸**
- Molybdenum Isotopes Mo⁹⁹**
- Molybdenum Isotopes Mo¹⁰⁰**
- Molybdenum Isotopes Mo¹⁰¹**
- Molybdenum Isotopes Mo¹⁰²**
- Molybdenum Isotopes Mo¹⁰⁵**
- Molybdenum-Manganese Alloys**
 - see Manganese-Molybdenum Alloys*
- Molybdenum-Manganese-Nickel Alloys**
 - see Manganese-Molybdenum-Nickel Alloys*
- Molybdenum-Manganese Steel**
 - see Manganese-Molybdenum Steel*
- Molybdenum-Manganese-Titanium Alloys**
 - see Manganese-Molybdenum-Titanium Alloys*
- Molybdenum-Manganese-Vanadium Steel**
 - see Manganese-Molybdenum-Vanadium Steel*
- Molybdenum Metaphosphates**
 - xx Metaphosphates
- Molybdenum-Nickel Alloys**
- Molybdenum-Nickel-Niobium Carbide-Titanium Carbide Systems**
- Molybdenum-Nickel-Silicon Systems**
- Molybdenum-Nickel-Titanium Alloys**
- Molybdenum-Nickel-Titanium Carbide Systems**
- Molybdenum-Nickel-Tungsten Alloys**
- Molybdenum-Nickel-Uranium Alloys**
- Molybdenum-Niobium Alloys**
- Molybdenum-Niobium Carbide Systems**
- Molybdenum-Niobium-Ruthenium Alloys**
- Molybdenum-Niobium-Ruthenium-Uranium Alloys**
- Molybdenum-Niobium-Silicon Systems**
- Molybdenum-Niobium-Tantalum Alloys**
- Molybdenum-Niobium-Tantalum-Tungsten Alloys**
- Molybdenum-Niobium-Tin-Zirconium Alloys**
- Molybdenum-Niobium-Titanium Alloys**
- Molybdenum-Niobium-Titanium-Tungsten Alloys**
- Molybdenum-Niobium-Titanium-Tungsten-Zirconium Alloys**
- Molybdenum-Niobium-Titanium-Vanadium Alloys**
- Molybdenum-Niobium-Titanium-Zirconium Alloys**
- Molybdenum-Niobium-Tungsten Alloys**
- Molybdenum-Niobium-Tungsten-Zirconium Alloys**
- Molybdenum-Niobium-Uranium Alloys**
- Molybdenum-Niobium-Uranium Alloys (Zr Alloy Clad)**
 - xx Zirconium Alloy Coatings
- Molybdenum-Niobium-Uranium Oxide Systems**
- Molybdenum-Niobium-Uranium-Zirconium Alloys**
- Molybdenum-Niobium-Vanadium Alloys**
- Molybdenum-Niobium-Vanadium-Zirconium Alloys**
- Molybdenum-Niobium-Zirconium Alloys**
- Molybdenum Nitrides**
- Molybdenum Nitrosyl Fluorides**
 - xx Nitrosyl Fluorides
- Molybdenum Ores**
 - x Ores
- Molybdenum-Osmium Alloys**
- Molybdenum Oxide Complexes**
 - xx Oxide Complexes
- Molybdenum Oxide Crucibles**
 - xx Oxide Crucibles
- Molybdenum Oxide Films**
 - xx Oxide Films
- Molybdenum Oxide-Niobium Oxide Systems**
- Molybdenum Oxide-Uranium Oxide Systems**
- Molybdenum Oxide-Zirconium Oxide Systems**
- Molybdenum Oxides**
- Molybdenum Oxychlorides**
 - xx Oxychlorides
- Molybdenum Oxyfluorides**
 - xx Oxyfluorides
- Molybdenum-Oxygen-Titanium Systems**
- Molybdenum-Palladium Alloys**
- Molybdenum-Palladium Couples**
- Molybdenum-Platinum-Uranium Alloys**
- Molybdenum-Plutonium Alloys**
- Molybdenum-Plutonium Oxide Systems**
- Molybdenum-Plutonium-Uranium Alloys**
- Molybdenum Potassium Chlorides**
 - see Potassium Molybdenum Chlorides*
- Molybdenum Potassium Fluorides**
 - see Potassium Molybdenum Fluorides*
- Molybdenum Powders**
- Molybdenum-Rhenium Alloys**
- Molybdenum-Rhenium Couples**
- Molybdenum-Rhenium-Tantalum Alloys**
- Molybdenum-Rhenium-Tungsten Alloys**
- Molybdenum-Rhodium Alloys**
- Molybdenum Rubidium Fluorides**
 - see Rubidium Molybdenum Fluorides*
- Molybdenum-Ruthenium-Uranium Alloys**
- Molybdenum Silicide-Aluminum Oxide Systems**
 - see Aluminum Oxide-Molybdenum Silicide Systems*
- Molybdenum Silicide-Boron Carbide Systems**
 - see Boron Carbide-Molybdenum Silicide Systems*
- Molybdenum Silicide-Chromium Boride Systems**
 - see Chromium Boride-Molybdenum Silicide Systems*
- Molybdenum Silicide-Chromium Silicide Systems**
 - see Chromium Silicide-Molybdenum Silicide Systems*
- Molybdenum Silicide Coatings**
 - xx Silicide Coatings
- Molybdenum Silicide Compacts**
 - xx Silicide Compacts
- Molybdenum Silicide-Silicon Carbide Systems**
- Molybdenum Silicide-Silicon Carbide-Titanium Carbide Systems**
- Molybdenum Silicide-Silicon Carbide-Zirconium Carbide Systems**
- Molybdenum Silicide-Titanium Boride Systems**
- Molybdenum Silicide-Titanium Carbide Systems**
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- Molybdenum Silicide-Uranium Oxide Compacts (Clad)**
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Nickel-Aluminum-Chromium-Iron-Titanium Alloys
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Nickel-Aluminum-Chromium-Molybdenum-Zirconium Alloys
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Nickel-Aluminum-Chromium-Titanium Alloys
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Nickel-Aluminum-Cobalt-Copper-Iron Alloys
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Nickel-Aluminum-Cobalt-Copper-Iron-Niobium Alloys
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Nickel-Aluminum-Cobalt-Iron Alloys
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Nickel-Aluminum-Cobalt-Iron-Titanium Alloys
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Nickel-Aluminum-Copper Alloys
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Nickel-Aluminum-Copper-Iron Alloys
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Nickel-Aluminum-Copper-Magnesium Alloys
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Nickel-Aluminum-Copper-Manganese Alloys
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Nickel-Aluminum-Iron-Niobium Alloys
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Nickel-Aluminum-Magnesium Alloys
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Nickel-Aluminum-Manganese Alloys
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Nickel-Aluminum-Manganese-Silicon Systems
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Nickel-Aluminum-Molybdenum Alloys
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Nickel-Aluminum Oxide-Chromium-Cobalt-Tungsten Systems
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Nickel-Aluminum Oxide-Chromium Systems
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Nickel-Aluminum Oxide Systems

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Nickel-Aluminum-Plutonium Alloys

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Nickel-Aluminum-Silicon Systems

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Nickel-Aluminum-Uranium Alloys

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Nickel-Aluminum-Uranium Alloys (Clad)

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Nickel-Aluminum-Zinc Alloys

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Nickel Ammonium Sulfates

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Nickel-Beryllium-Molybdenum Alloys

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Nickel-Beryllium-Palladium Alloys

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Nickel-Beryllium-Tungsten Alloys

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Nickel-Boron-Chromium-Iron Systems

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Nickel-Boron-Chromium-Iron-Titanium Carbide Systems

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Nickel-Boron-Cobalt-Manganese Systems

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Nickel-Boron-Gadolinium Systems

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Nickel-Boron-Molybdenum Systems

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Nickel-Boron Nitride Systems

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Nickel-Boron Nitride Systems (Clad)

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Nickel-Boron Systems

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Nickel Bromides**Nickel Bromophosphyl**

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Nickel-Carbon-Iron-Lead Systems

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Nickel Carbonates**Nickel Carbonyls****Nickel Catalysts**

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Nickel Chlorides**Nickel Chlorides (Liquid)****Nickel Chlorophosphyl**

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Nickel Chromites

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Nickel-Chromium Coatings

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Nickel-Chromium-Cobalt Alloys

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Nickel-Chromium-Cobalt-Iron Alloys

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Nickel-Chromium-Cobalt-Iron-Manganese-Molybdenum Alloys

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Nickel-Chromium-Gadolinium-Iron Alloys

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Nickel-Chromium-Germanium-Lithium Alloys

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Nickel-Chromium-Gold Alloys

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Nickel-Chromium-Indium-Silicon Systems

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Nickel-Chromium-Iron-Manganese Alloys

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Nickel-Chromium-Iron-Manganese-Molybdenum-Silicon Systems

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Nickel-Chromium-Iron-Manganese-Molybdenum-Titanium Alloys

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Nickel-Chromium-Iron-Manganese-Molybdenum-Tungsten Alloys

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Nickel-Chromium-Iron-Molybdenum Alloys

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Nickel-Chromium-Iron-Molybdenum-Titanium Alloys

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Nickel-Chromium-Iron-Molybdenum-Uranium Nitride Systems (Clad)

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Nickel-Chromium-Iron-Niobium Alloys

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Nickel-Chromium-Iron-Titanium Alloys

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Nickel-Chromium-Iron-Titanium Carbide Systems

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Nickel-Chromium-Iron-Tungsten Alloys

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Nickel-Chromium-Iron-Uranium Alloys

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Nickel-Chromium-Iron-Uranium Carbide Systems

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Nickel-Chromium-Molybdenum Alloys

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Nickel-Chromium-Molybdenum Steel

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Nickel-Chromium-Molybdenum-Tungsten Alloys

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Nickel-Chromium-Niobium Alloys

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Nickel-Chromium Nitride-Silver Systems

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Nickel-Chromium-Nitrogen Systems

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Nickel-Chromium-Palladium Alloys

see Chromium-Nickel-Palladium Alloys

Nickel-Chromium-Palladium-Silicon Systems

see Chromium-Nickel-Palladium-Silicon Systems

Nickel-Chromium-Silicon Coatings

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Nickel-Chromium-Silicon Systems

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Nickel-Chromium Steel

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Nickel-Chromium-Tantalum Alloys

see Chromium-Nickel-Tantalum Alloys

Nickel-Chromium-Titanium Alloys

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Nickel-Chromium-Titanium Carbide Systems

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Nickel-Chromium-Titanium Oxide Systems

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Nickel-Chromium-Tungsten Alloys

see Chromium-Nickel-Tungsten Alloys

Nickel-Chromium-Uranium Alloys

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Nickel-Chromium-Uranium Nitride Systems

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Nickel-Chromium-Uranium Oxide Systems

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Nickel-Chromium-Vanadium Alloys

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Nickel Coatings

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Uranium (Ni Clad)

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Nickel-Cobalt-Copper Alloys

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Nickel-Cobalt-Hafnium Alloys

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Nickel-Cobalt-Iron Alloys

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Nickel-Cobalt-Iron-Molybdenum Alloys

see Cobalt-Iron-Molybdenum-Nickel Alloys

Nickel-Cobalt-Iron-Plutonium Alloys

see Cobalt-Iron-Nickel-Plutonium Alloys

Nickel-Cobalt-Iron-Titanium Alloys

see Cobalt-Iron-Nickel-Titanium Alloys

Nickel-Cobalt-Iron-Tungsten Alloys

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Nickel-Cobalt-Molybdenum Alloys

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Nickel-Cobalt-Molybdenum-Tungsten Alloys

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Nickel-Cobalt-Titanium Nitride Systems

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Nickel-Cobalt-Tungsten Alloys

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Nickel-Cobalt-Uranium Alloys

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Nickel-Cobalt-Zirconium Alloys

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Nickel Powders

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Nickel-Erbium Alloys*see Erbium-Nickel Alloys***Nickel-Europium Oxide Systems***see Europium Oxide-Nickel Systems***Nickel Ferrates(III)**

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Nickel Ferrocyanides

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Iron Cyanides

Nickel Films

xx Films

Nickel Fluochlorates

xx Fluochlorates

Nickel Fluorides*see also Potassium Nickel Fluorides***Nickel Formates**

xx Formates

Nickel-Gadolinium Alloys*see Gadolinium-Nickel Alloys***Nickel-Gadolinium Oxide-Samarium Oxide Systems***see Gadolinium Oxide-Nickel-Samarium Oxide Systems***Nickel-Gadolinium Oxide Systems***see Gadolinium Oxide-Nickel Systems***Nickel-Gallium Alloys***see Gallium-Nickel Alloys***Nickel-Germanium Alloys***see Germanium-Nickel Alloys***Nickel-Germanium-Manganese Alloys***see Germanium-Manganese-Nickel Alloys***Nickel-Gold Alloys***see Gold-Nickel Alloys***Nickel-Gold Couples***see Gold-Nickel Couples***Nickel-Gold-Platinum Alloys***see Gold-Nickel-Platinum Alloys***Nickel-Hafnium Alloys***see Hafnium-Nickel Alloys***Nickel-Hafnium-Iridium Alloys***see Hafnium-Iridium-Nickel Alloys***Nickel-Hafnium-Osmium Alloys***see Hafnium-Nickel-Osmium Alloys***Nickel-Hafnium-Oxygen Systems***see Hafnium-Nickel-Oxygen Systems***Nickel-Hafnium-Rhenium Alloys***see Hafnium-Nickel-Rhenium Alloys***Nickel-Hafnium-Rhodium Alloys***see Hafnium-Nickel-Rhodium Alloys***Nickel-Hafnium-Ruthenium Alloys***see Hafnium-Nickel-Ruthenium Alloys***Nickel-Holmium Alloys***see Holmium-Nickel Alloys***Nickel Hydrides****Nickel-Hydrogen-Palladium Systems***see Hydrogen-Nickel-Palladium Systems***Nickel-Hydrogen-Titanium Systems***see Hydrogen-Nickel-Titanium Systems***Nickel-Hydrogen-Zirconium Systems***see Hydrogen-Nickel-Zirconium Systems***Nickel Hydroxide-Nickel Couples***see Nickel-Nickel Hydroxide Couples***Nickel Hydroxides****Nickel-Indium Alloys***see Indium-Nickel Alloys***Nickel-Indium-Silicon Systems***see Indium-Nickel-Silicon Systems***Nickel Iodides****Nickel Ions****Nickel-Iron Alloys***see Iron-Nickel Alloys***Nickel-Iron Coatings***see Iron-Nickel Coatings***Nickel-Iron Couples***see Iron-Nickel Couples***Nickel-Iron-Lead Alloys***see Iron-Lead-Nickel Alloys***Nickel-Iron-Manganese Alloys***see Iron-Manganese-Nickel Alloys***Nickel-Iron-Molybdenum Alloys***see Iron-Molybdenum-Nickel Alloys***Nickel-Iron-Molybdenum-Tungsten Alloys***see Iron-Molybdenum-Nickel-Tungsten Alloys***Nickel-Iron-Niobium Alloys***see Iron-Nickel-Niobium Alloys***Nickel-Iron-Oxygen Systems***see Iron-Nickel-Oxygen Systems***Nickel-Iron-Palladium-Tungsten Alloys***see Iron-Nickel-Palladium-Tungsten Alloys***Nickel-Iron-Molybdenum-Silicon Systems***see Iron-Molybdenum-Nickel-Silicon Systems***Nickel-Iron-Platinum-Tungsten Alloys***see Iron-Nickel-Platinum-Tungsten Alloys***Nickel-Iron-Ruthenium-Tungsten Alloys**

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Nickel-Iron-Silicon Systems
see Iron-Nickel-Silicon Systems

Nickel-Iron-Tantalum Alloys
see Iron-Nickel-Tantalum Alloys

Nickel-Iron-Thorium-Tungsten Alloys
see Iron-Nickel-Thorium-Tungsten Alloys

Nickel-Iron-Tin-Zirconium Alloys
see Iron-Nickel-Tin-Zirconium Alloys

Nickel-Iron-Titanium Alloys
see Iron-Nickel-Titanium Alloys

Nickel-Iron-Titanium-Tungsten Alloys
see Iron-Nickel-Titanium-Tungsten Alloys

Nickel-Iron-Tungsten Alloys
see Iron-Nickel-Tungsten Alloys

Nickel-Iron-Tungsten-Vanadium Alloys
see Iron-Nickel-Tungsten-Vanadium Alloys

Nickel-Iron-Uranium Alloys
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Nickel-Iron-Zirconium Alloys
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Nickel Isotopes
Nickel Isotopes Ni⁵⁶
Nickel Isotopes Ni⁵⁷
Nickel Isotopes Ni⁵⁸
Nickel Isotopes Ni⁵⁹
Nickel Isotopes Ni⁶⁰
Nickel Isotopes Ni⁶¹
Nickel Isotopes Ni⁶²
Nickel Isotopes Ni⁶³
Nickel Isotopes Ni⁶⁴
Nickel Isotopes Ni⁶⁵
Nickel Isotopes Ni⁶⁶
Nickel-Lanthanum Alloys
see Lanthanum-Nickel Alloys

Nickel Lanthanum Oxides
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Nickel-Lead Alloys
see Lead-Nickel Alloys

Nickel Lithium Oxides
see Lithium Nickel Oxides

Nickel-Magnesium Alloys
see Magnesium-Nickel Alloys

Nickel-Magnesium Coatings
see Magnesium-Nickel Coatings

Nickel-Magnesium-Manganese Alloys
see Magnesium-Manganese-Nickel Alloys

Nickel-Magnesium Oxide Coatings
see Magnesium Oxide-Nickel Coatings

Nickel-Magnesium Oxide Systems
see Magnesium Oxide-Nickel Systems

Nickel-Magnesium-Zirconium Alloys
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Nickel-Manganese Alloys
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Nickel-Manganese-Molybdenum Alloys
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Nickel Manganese Oxides
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Nickel-Manganese-Oxygen Systems
see Manganese-Nickel-Oxygen Systems

Nickel-Manganese-Palladium Alloys
see Manganese-Nickel-Palladium Alloys

Nickel-Manganese-Silicon Systems
see Manganese-Nickel-Silicon Systems

Nickel-Manganese-Tin Alloys
see Manganese-Nickel-Tin Alloys

Nickel-Manganese-Uranium Alloys
see Manganese-Nickel-Uranium Alloys

Nickel-Manganese-Zirconium Alloys
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Nickel-Mercury Alloys

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Nickel Molybdates
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Nickel-Molybdenum Alloys
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Nickel-Molybdenum Boride-Silver Systems
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Nickel-Molybdenum-Niobium Carbide-Titanium Carbide Systems
see Molybdenum-Nickel-Niobium Carbide-Titanium Carbide Systems

Nickel-Molybdenum-Silicon Systems
see Molybdenum-Nickel-Silicon Systems

Nickel-Molybdenum-Tin-Zirconium Alloys
see Molybdenum-Nickel-Tin-Zirconium Alloys

Nickel-Molybdenum-Titanium Alloys
see Molybdenum-Nickel-Titanium Alloys

Nickel-Molybdenum-Titanium Carbide Systems
see Molybdenum-Nickel-Titanium Carbide Systems

Nickel-Molybdenum-Tungsten Alloys
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Nickel-Molybdenum-Uranium Alloys
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Nickel-Molybdenum-Uranium Oxide Systems
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Nickel-Neodymium Alloys
see Neodymium-Nickel Alloys

Nickel-Nickel Hydroxide Couples

Nickel Niobates
 xx Niobates

Nickel-Niobium Alloys

Nickel-Niobium Carbide-Titanium Carbide Systems

Nickel-Niobium-Tantalum-Titanium Alloys

Nickel-Niobium-Titanium Alloys

Nickel-Niobium-Vanadium Alloys

Nickel Nitrate-1-Hexanol Systems
see 1-Hexanol-Nickel Nitrate Systems

Nickel Nitrates

Nickel Ores

Nickel Oxalates

Nickel Oxide-Aluminum Oxide Systems
see Aluminum Oxide-Nickel Oxide Systems

Nickel Oxide-Beryllium Systems
see Beryllium-Nickel Oxide Systems

Nickel Oxide Coatings
 xx Oxide Coatings

Nickel Oxide-Copper Oxide-Sulfuric Acid-Uranium(VI) Oxide-Water-d₂ Systems
see Copper Oxide-Nickel Oxide-Sulfuric Acid-Uranium(VI) Oxide-Water-d₂ Systems

Nickel Oxide Crystals
 xx Oxide Crystals

Nickel Oxide Films
 xx Oxide Films

Nickel Oxide-Graphite Systems
see Graphite-Nickel Oxide Systems

Nickel Oxide-Iron Oxide-Lithium Oxide Systems
see Iron Oxide-Lithium Oxide-Nickel Oxide Systems

Nickel Oxide-Iron Oxide-Zinc Oxide Systems
see Iron Oxide-Nickel Oxide-Zinc Oxide Systems

Nickel Oxide-Magnesium Oxide Systems
see Magnesium Oxide-Nickel Oxide Systems

Nickel Oxide-Magnesium Oxide-Titanium Oxide Systems
see Magnesium Oxide-Nickel Oxide-Titanium Oxide Systems

Nickel Oxide-Niobium Oxide Systems

Nickel Oxide-Zirconium Oxide Systems

Nickel Oxides
see also Lanthanum Nickel Oxides
Lithium Nickel Oxides

Nickel-Oxygen-Titanium Systems

Nickel-Oxygen-Zirconium Systems

Nickel-Palladium Alloys

Nickel-Palladium Couples

Nickel-Palladium-Tungsten Alloys

Nickel Phosphides
 xx Phosphides

Nickel-Phosphorus Systems**Nickel-Platinum Alloys****Nickel-Plutonium Alloys****Nickel-Plutonium-Uranium Alloys****Nickel-Polonium Alloys****Nickel Potassium Fluorides***see Potassium Nickel Fluorides***Nickel Powders***see also Nickel Compacts*

xx Nickel Compacts

Nickel-Praseodymium Alloys**Nickel-Rare Earth Alloys****Nickel-Rhenium Alloys****Nickel-Ruthenium Alloys****Nickel-Ruthenium-Tungsten Alloys****Nickel Salts***see also Acetic Acid, (Ethylenediamine)Tetra-, Nickel Salts***Nickel-Samarium Alloys****Nickel-Selenium Systems****Nickel Silicides**

xx Silicides

Nickel-Silicon Oxide Systems**Nickel-Silicon Steel**

xx Steel

Nickel-Silicon Systems**Nickel-Silicon-Tungsten Systems****Nickel-Silver Alloys****Nickel-Silver Couples****Nickel-Silver-Tungsten Boride Systems****Nickel-Silver-Vanadium Silicide Systems****Nickel-Sodium Hydroxide Systems****Nickel Steel**

xx Alloys

Nickel Alloys

Steel

Nickel Sulfate-Copper Sulfate-Sulfuric Acid-Uranyl Sulfate Systems*see Copper Sulfate-Nickel Sulfate-Sulfuric Acid-Uranyl Sulfate Systems***Nickel Sulfate-Sodium Sulfate Systems****Nickel Sulfate-Uranyl Sulfate-Water Systems****Nickel Sulfates***see also Ammonium Nickel Sulfates***Nickel Sulfide-Cobalt Sulfide-Iron Sulfide Systems***see Cobalt Sulfide-Iron Sulfide-Nickel Sulfide Systems***Nickel Sulfides***see also Nickel-Sulfur Systems*

xx Nickel-Sulfur Systems

Nickel Sulfides (Liquid)**Nickel-Sulfur Systems**

xx Nickel Sulfides

Nickel Systems**Nickel-Tantalum Alloys****Nickel-Tantalum Boride Systems****Nickel-Tantalum-Titanium Alloys****Nickel Tellurides**

xx Tellurides

Nickel-Tellurium Systems**Nickel, Tetrakisbromophosphine**

x Nickel Bromophosphyl

Tetrakisbromophosphine Nickel

Nickel, Tetrakisbromophosphine

x Nickel Chlorophosphyl

Tetrakisbromophosphine Nickel

Nickel-Thorium Alloys**Nickel-Thorium Oxide Systems****Nickel-Tin Alloys****Nickel-Tin-Zirconium Alloys****Nickel Titanates**

xx Titanates

Nickel-Titanium Alloys**Nickel-Titanium Boride Systems****Nickel-Titanium Carbide Compacts****Nickel-Titanium Carbide Systems****Nickel-Titanium Couples****Nickel Tungstates**

xx Tungstates

Nickel-Tungsten Alloys**Nickel-Tungsten Boride Systems****Nickel-Tungsten Carbide Systems****Nickel-Uranium Alloy-Uranium Couples****Nickel-Uranium Alloys****Nickel-Uranium Coatings****Nickel-Uranium Couples****Nickel-Uranium Nitride Systems****Nickel-Uranium(IV) Oxide Coatings****Nickel-Uranium Oxide Systems****Nickel-Uranium Silicide Systems****Nickel-Vanadium Alloys****Nickel-Vanadium-Zirconium Alloys****Nickel-Yttrium Alloys****Nickel-Zinc Alloys****Nickel Zinc Ferrites**

xx Ferrites

Nickel-Zirconium Alloys**Nickel-Zirconium Oxide Systems****Nickelates***see also Cyanonickelates*

Fluonickelates

Lanthanum Nickelates

Lithium Nickelates

Potassium Nickelates

Sodium Nickelates

Nicotinamides

x 3-Pyridinecarboxamide

Nicotine*see also Tobacco***Nicotinic Acid**

x 3-Pyridinecarboxylic Acid

xx Vitamin B

Nicrotung*see Aluminum-Chromium-Cobalt-Nickel-Tungsten Alloys***Niflex Process***(Head-end process for dissolution of stainless steel by nitric acid-hydrofluoric acid system)*

xx Separation Processes

Nimonic 80*see Aluminum-Chromium-Nickel-Titanium Alloys***Nimonic 90***see Chromium-Cobalt-Nickel Alloys***NIMROD Synchrotron***see Harwell Synchrotron***Ningyonites****Niobates***see also Cadmium Niobates*

Cesium Niobates

Cobalt Niobates

Fluoniobates

Iron Niobates

Lanthanum Niobates

Lead Niobates

Lithium Niobates

Magnesium Niobates

Manganese Niobates

Neodymium Niobates

Nickel Niobates

Potassium Niobates

Praseodymium Niobates

Rare Earth Niobates

Silver Niobates

Sodium Niobates

Tartaric acid Niobates

Zirconium Niobates

Niobium

- x Columbium
- Niobium Alloy Coatings**
- Niobium Alloys**
- Niobium-Aluminum Alloys
 - see Aluminum-Niobium Alloys*
- Niobium-Aluminum-Chromium-Iron Alloys
 - see Aluminum-Chromium-Iron-Niobium Alloys*
- Niobium-Aluminum-Chromium-Iron-Nickel-Titanium Alloys
 - see Aluminum-Chromium-Iron-Nickel-Niobium-Titanium Alloys*
- Niobium-Aluminum-Chromium-Silicon Systems
 - see Aluminum-Chromium-Niobium-Silicon Systems*
- Niobium-Aluminum-Chromium-Titanium Alloys
 - see Aluminum-Chromium-Niobium-Titanium Alloys*
- Niobium-Aluminum-Cobalt Alloys
 - see Aluminum-Cobalt-Niobium Alloys*
- Niobium-Aluminum-Cobalt-Copper-Iron-Nickel Alloys
 - see Aluminum-Cobalt-Copper-Iron-Nickel-Niobium Alloys*
- Niobium-Aluminum-Iron Alloys
 - see Aluminum-Iron-Niobium Alloys*
- Niobium-Aluminum-Iron-Molybdenum-Titanium Alloys
 - see Aluminum-Iron-Molybdenum-Niobium-Titanium Alloys*
- Niobium-Aluminum-Iron-Molybdenum-Titanium-Tungsten Alloys
 - see Aluminum-Iron-Molybdenum-Niobium-Titanium-Tungsten Alloys*
- Niobium-Aluminum-Iron-Nickel Alloys
 - see Aluminum-Iron-Nickel-Niobium Alloys*
- Niobium-Aluminum-Iron-Tantalum Alloys
 - see Aluminum-Iron-Niobium-Tantalum Alloys*
- Niobium-Aluminum-Molybdenum Alloys
 - see Aluminum-Molybdenum-Niobium Alloys*
- Niobium-Aluminum-Tantalum-Titanium Alloys
 - see Aluminum-Niobium-Tantalum-Titanium Alloys*
- Niobium-Aluminum-Titanium Alloys
 - see Aluminum-Niobium-Titanium Alloys*
- Niobium-Aluminum-Titanium-Vanadium Alloys
 - see Aluminum-Niobium-Titanium-Vanadium Alloys*
- Niobium-Aluminum-Titanium-Zirconium Alloys
 - see Aluminum-Niobium-Titanium-Zirconium Alloys*
- Niobium-Aluminum-Vanadium Alloys
 - see Aluminum-Niobium-Vanadium Alloys*
- Niobium-Aluminum-Zirconium Alloys
 - see Aluminum-Niobium-Zirconium Alloys*
- Niobium-Antimony Alloys
 - see Antimony-Niobium Alloys*
- Niobium-Antimony-Zirconium Alloys
 - see Antimony-Niobium-Zirconium Alloys*
- Niobium-Beryllium Alloys
 - see Beryllium-Niobium Alloys*
- Niobium-Beryllium-Cobalt Alloys
 - see Beryllium-Cobalt-Niobium Alloys*
- Niobium-Beryllium Oxide Systems
 - see Beryllium Oxide-Niobium Systems*
- Niobium-Beryllium-Uranium Alloys
 - see Beryllium-Niobium-Uranium Alloys*
- Niobium Boride-Titanium Boride Systems**
- Niobium Borides**
- Niobium-Boron Carbide-Tin-Zirconium Systems
 - see Boron Carbide-Niobium-Tin-Zirconium Systems*
- Niobium-Boron Systems
 - see Boron-Niobium Systems*
- Niobium Bromide Iodides**
- xx Niobium Iodides
- Niobium Bromides**
- Niobium-Calcium Alloys
 - see Calcium-Niobium Alloys*
- Niobium Carbide-Aluminum-Molybdenum-Nickel-Titanium Carbide Systems
 - see Aluminum-Molybdenum-Nickel-Niobium Carbide-Titanium Carbide Systems*
- Niobium Carbide-Chromium-Cobalt-Tantalum Carbide-Tungsten Carbide Systems
 - see Chromium-Cobalt-Niobium Carbide-Tantalum Carbide-Tungsten Carbide Systems*
- Niobium Carbide Coatings**
- xx Carbide Coatings
- Niobium Carbide-Cobalt Systems
 - see Cobalt-Niobium Carbide Systems*
- Niobium Carbide-Cobalt-Tantalum Carbide-Titanium Carbide Systems
 - see Cobalt-Niobium Carbide-Tantalum Carbide-Titanium Carbide Systems*
- Niobium Carbide-Hafnium Carbide Systems
 - see Hafnium Carbide-Niobium Carbide Systems*
- Niobium Carbide-Molybdenum-Nickel-Titanium Carbide Systems
 - see Molybdenum-Nickel-Niobium Carbide-Titanium Carbide Systems*
- Niobium Carbide-Molybdenum Systems
 - see Molybdenum-Niobium Carbide Systems*
- Niobium Carbide-Nickel-Titanium Carbide Systems
 - see Nickel-Niobium Carbide-Titanium Carbide Systems*
- Niobium Carbide-Niobium-Niobium Nitride Systems
 - see Niobium-Niobium Carbide-Niobium Nitride Systems*
- Niobium Carbide-Niobium Systems
 - see Niobium-Niobium Carbide Systems*
- Niobium Carbide-Silicon Carbide Systems**
- Niobium Carbide-Silicon Carbide-Titanium Carbide Systems**
- Niobium Carbide-Silicon Carbide-Zirconium Carbide Systems**
- Niobium Carbide-Tantalum Carbide Systems**
- Niobium Carbide-Tantalum Carbide-Titanium Carbide Systems**
- Niobium Carbide-Thorium Carbide-Uranium Carbide Systems**
- Niobium Carbide-Titanium Carbide Systems**
- Niobium Carbide-Uranium Carbide Systems**
- Niobium Carbide-Vanadium Carbide Systems**
- Niobium Carbide-Vanadium Carbide-Zirconium Carbide Systems**
- Niobium Carbide-Zirconium Carbide Systems**
- Niobium Carbides**
- Niobium-Carbon-Oxygen Systems
 - see Carbon-Niobium-Oxygen Systems*
- Niobium-Carbon-Silicon Systems
 - see Carbon-Niobium-Silicon Systems*
- Niobium-Carbon Systems
 - see Carbon-Niobium Systems*
- Niobium Carbonitrides**
- xx Carbonitrides
- Niobium-Cerium Alloys**
 - see Cerium-Niobium Alloys*
- Niobium Chloride-Iron Chloride-Titanium Chloride Systems
 - see Iron Chloride-Niobium Chloride-Titanium Chloride Systems*
- Niobium Chloride-Phosphoryl Chloride Systems**
- Niobium Chloride-Tantalum Chloride Systems**
- Niobium Chlorides**
- Niobium-Chromium Alloys
 - see Chromium-Niobium Alloys*
- Niobium-Chromium-Cobalt Alloys
 - see Chromium-Cobalt-Niobium Alloys*
- Niobium-Chromium-Cobalt-Iron-Molybdenum-Nickel-Tungsten Alloys
 - see Chromium-Cobalt-Iron-Molybdenum-Nickel-Niobium-Tungsten Alloys*
- Niobium-Chromium-Cobalt-Molybdenum-Nickel-Tungsten Alloys
 - see Chromium-Cobalt-Molybdenum-Nickel-Niobium-Tungsten Alloys*
- Niobium-Chromium-Iron-Nickel Alloys
 - see Chromium-Iron-Nickel-Niobium Alloys*
- Niobium-Chromium-Iron-Vanadium Alloys
 - see Chromium-Iron-Niobium-Vanadium Alloys*
- Niobium-Chromium-Molybdenum Alloys
 - see Chromium-Molybdenum-Niobium Alloys*
- Niobium-Chromium-Molybdenum-Titanium Alloys
 - see Chromium-Molybdenum-Niobium-Titanium Alloys*
- Niobium-Chromium-Nickel Alloys
 - see Chromium-Nickel-Niobium Alloys*
- Niobium-Chromium-Silicon Systems
 - see Chromium-Niobium-Silicon Systems*

Niobium-Chromium-Tantalum Alloys

see Chromium-Niobium-Tantalum Alloys

Niobium-Chromium-Titanium Alloys

see Chromium-Niobium-Titanium Alloys

Niobium-Chromium-Vanadium Alloys

see Chromium-Niobium-Vanadium Alloys

Niobium-Chromium-Vanadium-Zirconium Alloys

see Chromium-Niobium-Vanadium-Zirconium Alloys

Niobium-Chromium-Zirconium Alloys

see Chromium-Niobium-Zirconium Alloys

Niobium Coatings
Niobium-Cobalt Alloys

see Cobalt-Niobium Alloys

Niobium-Cobalt-Molybdenum Alloys

see Cobalt-Molybdenum-Niobium Alloys

Niobium-Cobalt-Silicon Systems

see Cobalt-Niobium-Silicon Systems

Niobium-Cobalt-Tantalum Alloys

see Cobalt-Niobium-Tantalum Alloys

Niobium-Cobalt-Tin-Titanium Alloys

see Cobalt-Niobium-Tin-Titanium Alloys

Niobium-Cobalt-Titanium Alloys

see Cobalt-Niobium-Titanium Alloys

Niobium-Cobalt-Zinc Alloys

see Cobalt-Niobium-Zinc Alloys

Niobium Compacts
Niobium Complexes
Niobium Compounds
Niobium-Copper Alloys

see Copper-Niobium Alloys

Niobium-Copper-Zirconium Alloys

see Copper-Niobium-Zirconium Alloys

Niobium Couples
Niobium Crystals
Niobium Deuterides
Niobium Electrodes

xx Electrodes

Niobium-Erbium Alloys

see Erbium-Niobium Alloys

Niobium Films
Niobium Fluorides

see also Potassium Niobium Fluorides

Niobium Fluorides (Liquid)
Niobium-Gadolinium Oxide Systems

see Gadolinium Oxide-Niobium Systems

Niobium-Germanium Alloys

see Germanium-Niobium Alloys

Niobium-Gold Alloys

see Gold-Niobium Alloys

Niobium-Hafnium Alloys

see Hafnium-Niobium Alloys

Niobium-Hafnium-Tantalum Alloys

see Hafnium-Niobium-Tantalum Alloys

Niobium-Hafnium-Titanium-Zirconium Alloys

see Hafnium-Niobium-Titanium-Zirconium Alloys

Niobium-Hafnium-Vanadium Alloys

see Hafnium-Niobium-Vanadium Alloys

Niobium Hydrides
Niobium-Hydrogen Systems

see Hydrogen-Niobium Systems

Niobium Iodides

see also Niobium Bromide Iodides

Niobium Ions
Niobium-Iridium Alloys

see Iridium-Niobium Alloys

Niobium-Iron Alloys

see Iron-Niobium Alloys

Niobium-Iron-Molybdenum Alloys

see Iron-Molybdenum-Niobium Alloys

Niobium-Iron-Nickel Alloys

see Iron-Nickel-Niobium Alloys

Niobium-Iron-Titanium-Vanadium Alloys

see Iron-Niobium-Titanium-Vanadium Alloys

Niobium-Iron-Vanadium Alloys

see Iron-Niobium-Vanadium Alloys

Niobium-Iron-Zinc Alloys

see Iron-Niobium-Zinc Alloys

Niobium-Iron-Zirconium Alloys

see Iron-Niobium-Zirconium Alloys

Niobium Isotopes
Niobium Isotopes Nb⁸⁹
Niobium Isotopes Nb⁹⁰
Niobium Isotopes Nb⁹¹
Niobium Isotopes Nb⁹²
Niobium Isotopes Nb⁹³
Niobium Isotopes Nb⁹⁴
Niobium Isotopes Nb⁹⁵
Niobium Isotopes Nb⁹⁶
Niobium Isotopes Nb⁹⁷
Niobium Isotopes Nb⁹⁸
Niobium Isotopes Nb⁹⁹
Niobium Isotopes Nb¹⁰⁰
Niobium-Lead Alloys

see Lead-Niobium Alloys

Niobium-Manganese Alloys

see Manganese-Niobium Alloys

Niobium-Manganese-Zinc Alloys

see Manganese-Niobium-Zinc Alloys

Niobium Minerals
Niobium-Molybdenum Alloys

see Molybdenum-Niobium Alloys

Niobium-Molybdenum-Ruthenium Alloys

see Molybdenum-Niobium-Ruthenium Alloys

Niobium-Molybdenum-Ruthenium-Uranium Alloys

see Molybdenum-Niobium-Ruthenium-Uranium Alloys

Niobium-Molybdenum-Silicon Systems

see Molybdenum-Niobium-Silicon Systems

Niobium-Molybdenum-Tantalum Alloys

see Molybdenum-Niobium-Tantalum Alloys

Niobium-Molybdenum-Tantalum-Tungsten Alloys

see Molybdenum-Niobium-Tantalum-Tungsten Alloys

Niobium-Molybdenum-Titanium Alloys

see Molybdenum-Niobium-Titanium Alloys

Niobium-Molybdenum-Titanium-Tungsten Alloys

see Molybdenum-Niobium-Titanium-Tungsten Alloys

Niobium-Molybdenum-Titanium-Tungsten-Zirconium Alloys

see Molybdenum-Niobium-Titanium-Tungsten-Zirconium Alloys

Niobium-Molybdenum-Titanium-Vanadium Alloys

see Molybdenum-Niobium-Titanium-Vanadium Alloys

Niobium-Molybdenum-Titanium-Zirconium Alloys

see Molybdenum-Niobium-Titanium-Zirconium Alloys

Niobium-Molybdenum-Tungsten Alloys

see Molybdenum-Niobium-Tungsten Alloys

Niobium-Molybdenum-Tungsten-Zirconium Alloys

see Molybdenum-Niobium-Tungsten-Zirconium Alloys

Niobium-Molybdenum-Uranium Alloys

see Molybdenum-Niobium-Uranium Alloys

Niobium-Molybdenum-Uranium Alloys (Zr Alloy Clad)

see Molybdenum-Niobium-Uranium, Alloys (Zr Alloy Clad)

Niobium-Molybdenum-Uranium Oxide Systems

see Molybdenum-Niobium-Uranium Oxide Systems

Niobium-Molybdenum-Uranium-Zirconium Alloys

see Molybdenum-Niobium-Uranium-Zirconium Alloys

Niobium-Molybdenum-Vanadium Alloys

see Molybdenum-Niobium-Vanadium Alloys

Niobium-Molybdenum-Vanadium-Zirconium Alloys

see Molybdenum-Niobium-Vanadium-Zirconium Alloys

Niobium-Molybdenum-Zirconium Alloys

see Molybdenum-Niobium-Zirconium Alloys

Niobium-Neodymium Alloys

see Neodymium-Niobium Alloys

Niobium-Nickel Alloys

see Nickel-Niobium Alloys

Niobium-Nickel-Tantalum-Titanium Alloys

see Nickel-Niobium-Tantalum-Titanium Alloys
Niobium-Nickel-Titanium Alloys
see Nickel-Niobium-Titanium Alloys
Niobium-Nickel-Vanadium Alloys
see Nickel-Niobium-Vanadium Alloys
Niobium-Niobium Carbide-Niobium Nitride Systems
Niobium-Niobium Carbide Systems
Niobium Nitride-Niobium-Niobium Carbide Systems
see Niobium-Niobium Carbide-Niobium Nitride Systems
Niobium Nitrides
Niobium-Nitrogen Systems
Niobium Ores
 xx Ores
Niobium-Osmium Alloys
Niobium Oxide-Aluminum Oxide Bodies
see Aluminum Oxide-Niobium Oxide Bodies
Niobium Oxide-Aluminum Oxide Systems
see Aluminum Oxide-Niobium Oxide Systems
Niobium Oxide-Barium Oxide Systems
see Barium Oxide-Niobium Oxide Systems
Niobium Oxide-Beryllium Oxide Systems
see Beryllium Oxide-Niobium Oxide Systems
Niobium Oxide Bodies
Niobium Oxide-Cadmium Oxide Systems
see Cadmium Oxide-Niobium Oxide Systems
Niobium Oxide-Calcium Oxide-Silicon Oxide Systems
see Calcium Oxide-Niobium Oxide-Silicon Oxide Systems
Niobium Oxide-Calcium Oxide Systems
see Calcium Oxide-Niobium Oxide Systems
Niobium Oxide-Cerium Oxide Systems
see Cerium Oxide-Niobium Oxide Systems
Niobium Oxide-Cesium Oxide Systems
see Cesium Oxide-Niobium Oxide Systems
Niobium Oxide-Chromium Oxide Systems
see Chromium Oxide-Niobium Oxide Systems
Niobium Oxide-Cobalt Oxide Systems
see Cobalt Oxide-Niobium Oxide Systems
Niobium Oxide Compacts
 xx Oxide Compacts
Niobium Oxide-Dysprosium Oxide Systems
see Dysprosium Oxide-Niobium Oxide Systems
Niobium Oxide Films
 xx Oxide Films
Niobium Oxide-Iron Oxide Systems
see Iron Oxide-Niobium Oxide Systems
Niobium Oxide-Lead Oxide-Neodymium Oxide Systems
see Lead Oxide-Neodymium Oxide-Niobium Oxide Systems
Niobium Oxide-Lead Oxide Systems
see Lead Oxide-Niobium Oxide Systems
Niobium Oxide-Magnesium Oxide Systems
see Magnesium Oxide-Niobium Oxide Systems
Niobium Oxide-Molybdenum Oxide Systems
see Molybdenum Oxide-Niobium Oxide Systems
Niobium Oxide-Nickel Oxide Systems
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Niobium Oxide Process
 x Processes
 xx Niobium Oxides
 Separation Processes
Niobium Oxide-Rubidium Oxide Systems
Niobium Oxide-Silicon Carbide-Zirconium Oxide Systems
Niobium Oxide-Silicon Oxide Systems
Niobium Oxide-Strontium Oxide Systems
Niobium Oxide-Tantalum Oxide Systems
Niobium Oxide-Titanium Oxide Systems
Niobium Oxide-Tungsten Oxide Systems
Niobium Oxide-Uranium Oxide Systems
Niobium Oxide-Vanadium Oxide Systems
Niobium Oxide-Zinc Oxide Systems
Niobium Oxide-Zirconium Oxide Systems
Niobium Oxides

Niobium Oxychlorides
 xx Oxychlorides
Niobium Oxyfluorides
 xx Oxyfluorides
Niobium-Oxygen Systems
Niobium-Oxygen-Tantalum Systems
Niobium-Oxygen-Uranium Systems
Niobium Oxynitrides
 xx Oxynitrides
Niobium-Palladium Alloys
Niobium-Palladium-Zirconium Alloys
Niobium Phosphates
Niobium Phosphides
 xx Phosphides
Niobium-Platinum Alloys
Niobium-Platinum-Uranium Alloys
Niobium-Platinum-Zirconium Alloys
Niobium-Plutonium Alloys
Niobium-Plutonium-Silicon Systems
Niobium-Plutonium-Uranium Alloys
Niobium-Plutonium-Uranium-Zirconium Alloys
Niobium-Plutonium-Zirconium Alloys
Niobium Potassium Fluorides
see Potassium Niobium Fluorides
Niobium Powders
Niobium-Praseodymium Alloys
Niobium Reserves
 xx Mineral Resources
Niobium-Rhenium Alloys
Niobium-Rhenium-Tungsten Alloys
Niobium-Rhodium Alloys
Niobium-Ruthenium Alloys
Niobium-Ruthenium-Uranium Alloys
Niobium-Ruthenium-Uranium Oxide Systems
Niobium-Ruthenium-Zirconium Alloys
Niobium-Scandium Alloys
Niobium-Selenium Systems
Niobium Silicides
 xx Silicides
Niobium-Silicon Systems
Niobium-Silicon-Titanium Systems
Niobium-Silicon-Tungsten Systems
Niobium-Silicon-Uranium Systems
Niobium-Silicon-Uranium-Zirconium Systems
Niobium Steel
 xx Steel
Niobium Sulfides
Niobium-Sulfur Systems
Niobium Systems
Niobium-Tantalum Alloys
Niobium-Tantalum-Tungsten Alloys
Niobium-Tantalum-Vanadium Alloys
Niobium-Tantalum-Zirconium Alloys
Niobium-Technetium Alloys
Niobium-Tellurium Systems
Niobium-Thorium Alloys
Niobium-Thorium Oxide Systems
Niobium-Thorium-Uranium Alloys
Niobium-Thorium-Uranium-Zirconium Alloys
Niobium-Tin Alloys
Niobium-Tin-Titanium Alloys
Niobium-Tin-Uranium Alloys
Niobium-Tin-Uranium Oxide-Zirconium Systems
Niobium-Tin-Uranium-Zirconium Alloys
Niobium-Tin-Vanadium Alloys
Niobium-Tin-Zirconium Alloys
Niobium-Titanium Alloys
Niobium-Titanium Carbide Systems
Niobium-Titanium Oxide Systems
Niobium-Titanium-Tungsten Alloys
Niobium-Titanium-Tungsten-Vanadium Alloys
Niobium-Titanium-Tungsten-Zirconium Alloys

Niobium-Titanium-Uranium Alloys
 Niobium-Titanium-Uranium Nitride Systems
 Niobium-Titanium-Uranium(IV) Oxide Compacts
 Niobium-Titanium-Uranium(IV) Oxide Systems
 Niobium-Titanium-Uranium Silicide Systems
 Niobium-Titanium-Vanadium Alloys
 Niobium-Titanium-Vanadium-Zirconium Alloys
 Niobium-Titanium-Zirconium Alloys
 Niobium-Tungsten Alloys
 Niobium-Tungsten-Vanadium Alloys
 Niobium-Tungsten-Zirconium Alloys
 Niobium-Uranium Alloy-Uranium Couples
 Niobium-Uranium Alloys
 Niobium-Uranium Alloys (Clad)
 Niobium-Uranium Alloys (Zr Alloy Clad)

xx Zirconium Alloy Coatings

Niobium-Uranium Carbide Compacts
 Niobium-Uranium Couples
 Niobium-Uranium Nitride Systems
 Niobium-Uranium Oxide Systems
 Niobium-Uranium Oxide Systems (Clad)
 Niobium-Uranium Oxide-Vanadium Systems
 Niobium-Uranium Oxide-Yttrium Systems
 Niobium-Uranium Oxide-Zirconium Systems
 Niobium-Uranium Silicide Systems
 Niobium-Uranium-Vanadium Alloys
 Niobium-Uranium-Zirconium Alloys
 Niobium-Uranium-Zirconium Alloys (Clad)
 Niobium-Vanadium Alloys
 Niobium-Vanadium-Zinc Alloys
 Niobium-Vanadium-Zirconium Alloys
 Niobium-Yttrium Alloys
 Niobium-Yttrium-Zirconium Alloys
 Niobium-Zinc Alloys
 Niobium-Zirconium Alloys
 Niobium-Zirconium Carbide Systems
 Niobium-Zirconium Oxide Systems

Nitroxime

see 1,2-Cyclohexanedione Dioxime

Nitramides

x Nitramines

Nitramine

see Tetryl

Nitramines

see Nitramides

Nitrate Complexes

see also Lead Nitrate Complexes

Ruthenium Nitrate Complexes

Thorium Nitrate Complexes

Uranyl Nitrate Complexes

Zirconium Nitrate Complexes

x Complexes

Nitrate Crystals

see also Gadolinium Nitrate Crystals

Potassium Nitrate Crystals

Sodium Nitrate Crystals

Uranyl Nitrate Crystals

xx Crystals

Nitrate Ions

Nitrates

(See also nitrates of the specific elements.)

see also Benzyl Nitrates

Alkali Metal Nitrates

Ammonium Nitrates

Ammonium Nitrates, *tert*-Butyl-

Ammonium Uranyl Nitrates

Cobalt(II) Nitrate Acetonates

Cobalt(II) Nitrate Alcoholates

Ethyl Nitrates

Isopropyl Nitrates

Nitrosyl Nitrates

Oxynitrates

see also Plutonyl Nitrates

Propyl Nitrates

Rare Earth Nitrates

Rubidium Uranyl Nitrates

Ruthenium Nitrosyl Nitrates

Thorium Peroxide Nitrates

Uranyl Nitrates

Zirconyl Nitrates

Nitrates (Liquid)

Nitration

Nitric Acid

xx Acids

Nitric Acid (Fuming)

Nitric Acid-Acetone, Thenoyltrifluoro-Benzene, *sec*-Butyl- Systems

see Acetone, Thenoyltrifluoro-Benzene, *sec*-Butyl-Nitric Acid Systems

Nitric Acid-Aluminum Nitrate-Ethane, Dibutoxy- Systems

see Aluminum Nitrate-Ethane, Dibutoxy-Nitric Acid Systems

Nitric Acid-Aluminum Nitrate-Hydrofluoric Acid-Thorium Nitrate Systems

see Aluminum Nitrate-Hydrofluoric Acid-Nitric Acid-Thorium Nitrate Systems

Nitric Acid-Aluminum Nitrate-Manganese Nitrate-Potassium Permanganate-Sodium Dichromate Systems

see Aluminum Nitrate-Manganese Nitrate-Nitric Acid-Potassium Permanganate-Sodium Dichromate Systems

Nitric Acid-Aluminum Nitrate Systems

see Aluminum Nitrate-Nitric Acid Systems

Nitric Acid-Aluminum Nitrate-Uranyl Nitrate Systems

see Aluminum Nitrate-Nitric Acid-Uranyl Nitrate Systems

Nitric Acid-Ammonium Nitrate-Ethyl Ether-Uranyl Nitrate Systems

see Ammonium Nitrate-Ethyl Ether-Nitric Acid-Uranyl Nitrate Systems

Nitric Acid-Butyl Phosphate-Heptane Systems

see Butyl Phosphate-Heptane-Nitric Acid Systems

Nitric Acid-Butyl Phosphate-Kerosene Systems

see Butyl Phosphate-Kerosene-Nitric Acid Systems

Nitric Acid-Butyl Phosphate-Kerosene-Thorium Nitrate Systems

see Butyl Phosphate-Kerosene-Nitric Acid-Thorium Nitrate Systems

Nitric Acid-Butyl Phosphate Systems

see Butyl Phosphate-Nitric Acid Systems

Nitric Acid-Butyl Phosphate-Thorium Nitrate Systems

see Butyl Phosphate-Nitric Acid-Thorium Nitrate Systems

Nitric Acid-Butyl Phosphate-Uranyl Nitrate Systems

see Butyl Phosphate-Nitric Acid-Uranyl Nitrate Systems

Nitric Acid-Carbon Tetrachloride Systems

see Carbon Tetrachloride-Nitric Acid Systems

Nitric Acid-Copper Nitrate-Uranyl Nitrate-Water-*d*₂ Systems

see Copper Nitrate-Nitric Acid-Uranyl Nitrate-Water-*d*₂ Systems

Nitric Acid-Ether, Bis(2-Butoxyethyl) Systems

see Ether, Bis(2-Butoxyethyl)-Nitric Acid Systems

Nitric Acid-Ether, Bis(2-Butoxyethyl)-Uranyl Nitrate Systems

see Ether, Bis(2-Butoxyethyl)-Nitric Acid-Uranyl Nitrate Systems

Nitric Acid-Ether Systems

see Ether-Nitric Acid Systems

Nitric Acid-Ethyl Ether Systems

see Ethyl Ether-Nitric Acid Systems

Nitric Acid-Hydrochloric Acid-Magnesium Chloride Systems

see Hydrochloric Acid-Magnesium Chloride-Nitric Acid Systems

Nitric Acid-Hydrochloric Acid Systems

see Hydrochloric Acid-Nitric Acid Systems

Nitric Acid-Hydrofluoric Acid Systems

see Hydrofluoric Acid-Nitric Acid Systems

Nitric Acid-Hydrogen Peroxide Systems

see Hydrogen Peroxide-Nitric Acid Systems

Nitric Acid-Iron Nitrate Systems

see Iron Nitrate-Nitric Acid Systems

Nitric Acid-Lead Nitrate Systems

see Lead Nitrate-Nitric Acid Systems

Nitric Acid-Nitrogen Oxide Systems

Nitric Acid-Organic Compound Systems

Nitric Acid-Oxalic Acid Systems

Nitric Acid—2-Pentanone, 4-Methyl-- Plutonium Nitrate Systems
Nitric Acid—2-Pentanone, 4-Methyl- Systems
Nitric Acid—2-Pentanone, 4-Methyl-- Uranyl Nitrate Systems
Nitric Acid—Phosphoric Acid Systems
Nitric Acid—Phosphoric Acid—Thorium Oxide Systems
Nitric Acid—Plutonium Nitrate Systems
Nitric Acid—Sulfamic Acid Systems
Nitric Acid—Sulfuric Acid Systems
Nitric Acid—Sulfuric Acid—Uranyl Nitrate Systems
Nitric Acid Systems
 xx Acid Systems
Nitric Acid—Tetraethylene Glycol, Dibutoxy- Systems
Nitric Acid—Thorium Nitrate Systems
Nitric Acid—Thorium Nitrate—Water Systems
Nitric Acid—Trioctylamine Systems
Nitric Acid—Uranyl Nitrate Systems
Nitric Acid—Uranyl Nitrate—Water Systems
Nitric Acid—Zirconium Systems
Nitridation
 x Surface Hardening
Nitride Coatings
see also Titanium Nitride Coatings
Nitride Compacts
see also Uranium Nitride Compacts
Nitride Crucibles
see also Thorium Nitride Crucibles
Titanium Nitride Crucibles
Zirconium Nitride Crucibles
 xx Crucibles
Nitride Crystals
see also Beryllium Nitride Crystals
 xx Crystals
Nitrides
(See also nitrides of the specific elements)
see also Boronitrides
Carbonitrides
Oxynitrid-s
Rare Earth Nitrides
 x Metal Nitrides
Nitriles
(See also specific nitriles, e g , Succinonitriles)
Nitrite Ions
Nitrites
see also Barium Nitrites
Hexyl Nitrites
Hyponitrites
Methyl Nitrites
Potassium Nitrites
Ruthenium Nitrites
Silver Nitrites
Sodium Nitrites
Nitro Compounds
 x Compounds
Nitrobenzene
see Benzene, Nitro-
Nitrocellulose
see also Celluloid
Collodion
 xx Cellulose
Nitroform
 x Methane, Trinitro-
Nitrogen
Nitrogen (Liquid)
Nitrogen (Solid)
Nitrogen—Aluminum—Carbon—Manganese—Titanium Systems
see Aluminum—Carbon—Manganese—Nitrogen—Titanium Systems
Nitrogen—Aluminum—Chromium—Iron Systems
see Aluminum—Chromium—Iron—Nitrogen Systems
Nitrogen—Aluminum—Manganese—Titanium Systems
see Aluminum—Manganese—Nitrogen—Titanium Systems

Nitrogen—Aluminum—Titanium Systems
see Aluminum—Nitrogen—Titanium Systems
Nitrogen—Argon Systems
see Argon—Nitrogen Systems
Nitrogen—Boron Fluoride Systems
see Boron Fluoride—Nitrogen Systems
Nitrogen—Carbon—Chromium—Iron—Manganese Systems
see Carbon—Chromium—Iron—Manganese—Nitrogen Systems
Nitrogen—Carbon—Chromium—Iron—Titanium Systems
see Carbon—Chromium—Iron—Nitrogen—Titanium Systems
Nitrogen—Carbon Dioxide Systems
see Carbon Dioxide—Nitrogen Systems
Nitrogen—Carbon—Manganese—Titanium Systems
see Carbon—Manganese—Nitrogen—Titanium Systems
Nitrogen—Carbon—Tantalum Systems
see Carbon—Nitrogen—Tantalum Systems
Nitrogen—Carbon Tetrachloride Systems
see Carbon Tetrachloride—Nitrogen Systems
Nitrogen—Carbon—Titanium Systems
see Carbon—Nitrogen—Titanium Systems
Nitrogen—Carbon—Uranium Systems
see Carbon—Nitrogen—Uranium Systems
Nitrogen—Charcoal Systems
see Charcoal—Nitrogen Systems
Nitrogen Chlorides
Nitrogen—Chromium—Cobalt Systems
see Chromium—Cobalt—Nitrogen Systems
Nitrogen—Chromium—Iron—Titanium Systems
see Chromium—Iron—Nitrogen—Titanium Systems
Nitrogen—Chromium—Nickel Systems
see Chromium—Nickel—Nitrogen Systems
Nitrogen—Chromium—Titanium Systems
see Chromium—Nitrogen—Titanium Systems
Nitrogen—Cobalt—Magnesium Systems
see Cobalt—Magnesium—Nitrogen Systems
Nitrogen—Cobalt—Zinc Systems
see Cobalt—Nitrogen—Zinc Systems
Nitrogen Compounds
see also Chemical Warfare Agents
Nitrogen—Deuterium Systems
see Deuterium—Nitrogen Systems
Nitrogen Fixation
Nitrogen Fluoride—Oxygen Systems
Nitrogen Fluorides
 x Nitrogen Trifluorides
Nitrogen—Graphite Systems
see Graphite—Nitrogen Systems
Nitrogen—Helium Systems
see Helium—Nitrogen Systems
Nitrogen—Hydrogen—Oxygen Systems
see Hydrogen—Nitrogen—Oxygen Systems
Nitrogen—Hydrogen Systems
see Hydrogen—Nitrogen Systems
Nitrogen—Hydrogen—Titanium Systems
see Hydrogen—Nitrogen—Titanium Systems
Nitrogen Iodides
Nitrogen Ion Beams
 x Beams
 xx Ion Beams
Nitrogen Ion Beams (N¹⁴)
Nitrogen Ion Sources
 x Sources
 xx Ion Sources
Nitrogen Ions
Nitrogen—Iron Systems
see Iron—Nitrogen Systems
Nitrogen Isotopes
Nitrogen Isotopes N¹²
Nitrogen Isotopes N¹³
Nitrogen Isotopes N¹⁴
Nitrogen Isotopes N¹⁵
Nitrogen Isotopes N¹⁶

Nitrogen Isotopes N¹⁷**Nitrogen Isotopes N¹⁸****Nitrogen Isotopes N¹⁹****Nitrogen Isotopes N²⁰****Nitrogen-Krypton Systems**

see Krypton-Nitrogen Systems

Nitrogen-Manganese-Titanium Systems

see Manganese-Nitrogen-Titanium Systems

Nitrogen Mustards

see also Chlorambucil

Diethylamine, 2,2'-Dichloro-N-Methyl-

x Mustards

Nitrogen-Niobium Systems

see Niobium-Nitrogen Systems

Nitrogen Oxide-Hydrofluoric Acid Systems

see Hydrofluoric Acid-Nitrogen Oxide Systems

Nitrogen Oxide-Hydrogen Systems

see Hydrogen-Nitrogen Oxide Systems

Nitrogen Oxide-Nitric Acid Systems

see Nitric Acid-Nitrogen Oxide Systems

Nitrogen Oxides**Nitrogen Oxides (Liquid)****Nitrogen-Oxygen Systems**

xx Nitrogen Oxides

Nitrogen-Oxygen-Tantalum Systems**Nitrogen-Oxygen-Tantalum-Zirconium Systems****Nitrogen-Oxygen-Titanium Systems****Nitrogen-Sodium Systems****Nitrogen Systems****Nitrogen-Tantalum Systems****Nitrogen-Thorium Systems**

see also Thorium Nitrides

xx Thorium Nitrides

Nitrogen-Tin-Zirconium Systems**Nitrogen-Titanium Systems**

see also Titanium Nitrides

Nitrogen Trifluorides

see Nitrogen Fluorides

Nitrogen Tritides

xx Tritides

Nitrogen-Uranium Systems**Nitrogen-Uranium-Zirconium Systems****Nitrogen-Vanadium Systems****Nitrogen-Water Systems****Nitrogen-Xenon Systems****Nitrogen-Yttrium Systems****Nitrogen-Zirconium Systems****Nitrometers**

x Meters

Nitroso Compounds

(For inorganic nitroso compounds *see* Nitrosyl Compounds and specific compounds, e.g., Ruthenium Nitrosyls.)

Nitrosyl Chlorides

xx Chlorides

Nitrosyl Compounds

see also Ruthenium Nitrosyls

Uranium Nitrosyls

x Compounds

xx Nitroso Compounds

Nitrosyl Fluorides

see also Molybdenum Nitrosyl Fluorides

Tungsten Nitrosyl Fluoride

Uranium Nitrosyl Fluorides

xx Fluorides

Nitrosyl Molybdenum Fluorides

see Molybdenum Nitrosyl Fluorides

Nitrosyl Nitrates

xx Nitrates

Nitrosyl Ruthenium Nitrates

see Ruthenium Nitrosyl Nitrates

Nitrosyl Sulfuric Acid

xx Acids

Sulfuric Acid

Nitrosyl Tungsten Fluorides

see Tungsten Nitrosyl Fluorides

Nitrosyl Uranium Fluorides

see Uranium Nitrosyl Fluorides

Nitrous Acid

xx Acids

Nitryl Fluorides

see also Uranium Nitryl Fluorides

xx Fluorides

Nitryl Perchlorates

xx Perchlorates

Nitryl Uranium Fluorides

see Uranium Nitryl Fluorides

Nobelium

see also Actinides

x Element One Hundred and Two

xx Actinides

Transplutonic Elements

Transuranic Elements

Nobelium Isotopes**Nobelium Isotopes No²⁵³****Nobelium Isotopes No²⁵⁴****Noble Gases**

see Rare Gases

Noise

x Acoustics

Electric Noise

Thermal Noise

Nomenclature

see Glossaries

Nomographs**Non-Destructive Testing**

see Materials Testing

Nonane**Nonelectrolytes**

xx Electrolytes

Nordon

see Methane, Bis(p-Dimethylaminophenyl)-(4,5-Dimethyl-2-Thienyl)-

NORE

see Navy Organic Reactor Experiment

Norleucine

x Caproic Acid, α -Amino-

North American Aviation Reactors

see Low Power Research Reactor

Neutron Production Reactor

Sodium Reactor Experiment

Uranium Production Reactor

Water Boiler Neutron Sources

North Carolina Research Reactor

x Raleigh Research Reactor

RRR

xx Enriched Reactors

Homogeneous Reactors

Research Reactors

Thermal Reactors

Water Moderated Reactors

Northern States Power Co. Reactor

see Sioux Falls Power Reactor

Norvaline

x Valeric Acid, α -Amino-

Norwegian-Dutch Heavy Water Reactor

see JEEP Reactor

Noselites**Novacekites**

xx Uranium Minerals

Nozzles

see also Rocket Motor Nozzles

Turbine Nozzles

NPD Reactor

(Canada)

x Canadian Reactors

xx Nuclear Power Demonstration Reactor
 xx Heavy Water Reactors
 Power Reactors
 NPR (New Production Reactor)
see Hanford Production Reactors (N)
 NPR Reactor
see Neutron Production Reactor
NRL Research Reactor
 x Naval Research Lab. Reactor
 xx Enriched Reactors
 Research Reactors
 Swimming Pool Reactors
 Water Moderated Reactors
NRU Reactor
(Canada)
 x Canadian Reactors
 xx Heavy Water Reactors
 Research Reactors
NRX Reactor
(Canada)
 x Canadian Heavy Water Reactor
 Canadian Reactors
 Chalk River Reactor
 xx Heavy Water Reactors
 Heterogeneous Reactors
 Research Reactors
 Thermal Reactors
NTA
see Acetic Acid, Nitrolotri
Nuclear Aircraft
see also Aircraft Reactors
Nuclear Aircraft Power Plants
 xx Aircraft
 Aircraft Reactors
 Nuclear Aircraft Power Plants
 Nuclear Power
Nuclear Aircraft Power Plants
see also Aircraft Reactors
Nuclear Aircraft
 x Parallel Engine Operation
 Propulsion Unit Test
 PUT
 xx Aircraft Engines
 Aircraft Power Plants
 Nuclear Aircraft
 Nuclear Power
 Plants
 Power Plants
Nuclear Audiofrequency Spectroscopy
 x Audiofrequency Spectroscopy
 xx Spectroscopy
Nuclear Batteries
see also Photoelectric Cells
Radioactive Voltage Generators
Systems for Nuclear Auxiliary Power (SNAP)
 xx Batteries
Nuclear Chemistry
(See also specific elements, isotopes, and compounds)
see also Radiation Chemistry
Radiochemistry
Tracer Techniques
 xx Chemistry
Nuclear Dipole Moments
see Nuclear Electric Moments
Nuclear Magnetic Moments
Nuclear Electric Moments
see also Nuclear Magnetic Moments
 x Moments
 Nuclear Dipole Moments
 Nuclear Moments
 Nuclear Quadrupole Moments
 xx Electric Moments

Nuclear Magnetic Moments
Nuclear Emulsions
see also Photographic Emulsions
Photographic Film
Photographic Film Detectors
 xx Emulsions
 Photographic Emulsions
 Photographic Film
 Photographic Film Detectors
 Radioautography
Nuclear Engineering
see also Nuclear Technology
Reactor Engineering
 x Engineering
Nuclear Engineering Test Reactor (USAF)
see Air Force Engineering Test Reactor
Nuclear Explosions
see Atomic Explosions
Nuclear Forces
see Nuclear Theory
Nuclear Fuels Testing Reactor
see Lynchburg Test Reactor
Nuclear Fusion Reactions
see Thermonuclear Reactions
Nuclear Heating Plants
see also Nuclear Power Plants
Nuclear Induction
 x Induction
Nuclear Isomers
see also Isomeric Transition
 x Isomers
Nuclear Magnetic Moments
see also Nuclear Electric Moments
 x Moments
 Nuclear Dipole Moments
 Nuclear Moments
 Nuclear Quadrupole Moments
 xx Magnetic Moments
 Nuclear Electric Moments
Nuclear Magnetic Resonance
see also Nuclear Quadrupole Resonance
 x Resonances
 xx Magnetic Resonance
Nuclear Models
 x Models
 xx Nuclear Structure
 Nuclear Theory
Nuclear Models (Collective)
 x Collective Nuclear Models
Nuclear Models (Drop)
 x Drop Nuclear Models
 Liquid Drop Models
Nuclear Models (Optical)
 x Cloudy Crystal Ball Model
 Optical Nuclear Models
Nuclear Models (Shell)
 x Shell Nuclear Models
Nuclear Models (Spheroidal)
 x Spheroidal Nuclear Models
Nuclear Moments
see Nuclear Electric Moments
Nuclear Magnetic Moments
Nuclear Particles
(See also the specific particle concerned)
see also Elementary Particles
Nucleons
Radiation
 xx Particles
 Radiation
Nuclear Physics
 x Quantum Physics
 xx Physics

Nuclear Power*see also Nuclear Aircraft**Nuclear Aircraft Power Plants**Nuclear Power Plants*x Atomic Power
Powerxx Atomic Energy
Power Reactors**Nuclear Power Demonstration Reactor***see NPD Reactor***Nuclear Power Plants***see also Nuclear Heating Plants**Power Reactors*xx Nuclear Power
Plants
Power Plants**Nuclear Quadrupole Moments***see Nuclear Electric Moments**Nuclear Magnetic Moments***Nuclear Quadrupole Resonance**

x Resonances

Nuclear Radiation*see Nuclear Reactions*
*Radiation***Nuclear Ramjets***see Ramjets***Nuclear Reactions***see also Fission**Spallation**Thermonuclear Reactions*x Coulomb Barrier
Nuclear Radiation
Photodisintegration
Reactionsxx Fission
Radiation**Nuclear Reactors***(See Reactors and specific reactors)***Nuclear Rockets***see Rockets***Nuclear Showers**

x Showers

Nuclear Spallation*see Spallation**Spallation Products***Nuclear Spectra**

xx Spectra

Nuclear Spin

x Spin

Nuclear Structure*see also Nuclear Models***Nuclear Submarines**xx Submarines
Underwater Warfare**Nuclear Technology**

xx Nuclear Engineering

Nuclear Test Aircraft

xx Aircraft

Nuclear Test Reactor*(General Electric)*x NTR
xx Graphite Moderated Reactors
Research Reactors**Nuclear Theory***see also Nuclear Models*x Meson Theory
Nuclear Forces**Nuclear Weapons***see Atomic Weapons*
*Thermonuclear Weapons***Nucleation***see Phase Studies***Nuclei****Nuclei (Cells)***see also Chromosomes**Cytology**Genetics**Mitochondria**Mitosis**Nucleic Acids**Nucleotides*

x Cells

Nucleic Acids*see also Guanylic Acid**Ribonucleic Acid*

x Pentosenucleic Acids

Thymonucleic Acids

xx Acids

Nuclei (Cells)

Nucleotides

Nucleometer*see Rate Meters***Nucleon Showers**

x Showers

Nucleonics*(Limited to general and popular articles concerned with the structure of the atom and atomic forces.)***Nucleons***see also Antinucleons**Cosmic Nucleons**Neutrons**Protons*

x Baryons

xx Nuclear Particles
Radiation**Nucleoproteins**

xx Proteins

Nucleosidases**Nucleosides***see also Adenosine**Adenosine, Deoxy-**Cytidine**Guanosine***Nucleotides***see also Nucleic Acids*

xx Nuclei (Cells)

Nucleotides, Desoxy-**Nucleotides, Dihydrodiphosphopyridine****Nucleotides, Pyridine Diphosphate**x Diphosphopyridine Nucleotide
DPN**Nucleotides, Pyridine Triphosphate****Nutrients****Nuts***see Bolts and Nuts**Seed***Nylon***see Amide Polymers***O****Oats****Occurrence****Ocean Water***see Sea Water***Oceanography***see also Tracer Techniques (Oceanography)***Octadecane**

9, 11, 13-Octadecatrienoic Acid

*see Eleostearic Acid***Octadecylamine Acetate****Octane****Octane, 2,7-Dimethyl-****Octanoic Acid**

see Caprylic Acid

2-Octanol

2-Octanone

- x Hexyl Methyl Ketone
- Methyl Hexyl Ketone

1-Octene

2-Octene

Octenoic Acid

Octic Acid

see Caprylic Acid

Octoic Acid

see Caprylic Acid

Octyl Pyrophosphates

see Pyrophosphoric Acid Alkyl Esters

Octylamine

Octylic Acid

see Caprylic Acid

4-Octynal

Octynoic Acid

Off-Gases

see Stack Disposal
Waste Processing

Ohmmeters

- x Meters

Oil Baths

see Liquid Baths

Oil Shales

(This heading may be modified by location in the form Oil Shales (Tenn))

see also Bituminous Shales

Black Shales
Carbonaceous Shales
Kolms

- xx Bituminous Shales
- Black Shales
- Carbonaceous Shales
- Shales

Oils

see also Croton Oil
Fluorochlorolube Oil
Fluorolube Oil
Greases
Lubricants
Petroleum
Vacuum Systems

- xx Greases
- Lubricants
- Waxes

Ointments

see Protective Ointments

Oldbury Power Reactors

see Calder Hall Reactors

Olefins

see Alkenes

Oleic Acid

Oleic Acid, Methyl Ester

Oleic Acid, Potassium Salts

- xx Potassium Salts

Olivines

see also Dunites

Omega West Reactor

see Los Alamos Omega West Reactor

OMRE

see Organic Moderated Reactor Experiment

OMRE-II

see Experimental Organic Cooled Reactor

Onions

Oögenesis

Opacity

Opals

Operations

see Antler Operation

see Argus Operation

Buffalo Operation

Buster Operation

Castle Operation

Crossroads Operation

Greenhouse Operation

Hardtack Operation

Hurricane Operation

Ivy Operation

Jangle Operation

Mosaic Operation

Plumbbob Operation

Ranger Operation

Redwing Operation

Sandstone Operation

Snapper Operation

Teapot Operation

Totem Operation

Trinity Operation

Tumbler Operation

Upshot Knothole Operation

Wigwam Operation

Optical Filters

- xx Filters

Optical Materials

(See also Glass and other specific materials used for optical purposes, e g , specific halides such as Silver Chlorides)

Optical Nuclear Models

see Nuclear Models (Optical)

Optical Pyrometers

see Pyrometers

Optical Rotation

see Magneto Optical Rotation

Optical Systems

(See also instruments using optical systems, e g , Microscopes)

see also Image Brightness Intensifiers

Infrared Optical Systems

Prisms

Remote-Viewing Equipment

- x Lenses

- xx Glass

Interferometers

Light

Oral Epithelium

see Epithelium

Oralloy

see Uranium Isotopes

Orange Oxide

see Uranium(VI) Oxides

Ordnance Materials Research Office Reactor

see Watertown Arsenal Research Reactor

Ordnance Materiel

see also Ammunition

Armor Plate

Bombs

Ore Processing Plants

see Uranium Ore Processing Plants

Ores

(See also ores of specific metals, *see also* specific minerals, e g , Carnotites, and formations such as Chattanooga Shale)

see also Graphite Ores

Mineral Dressing

Minerals

Radioactive Minerals

- x Classification

Organic Acids

(See also specific organic acids)

see also Aldonic Acids

Alkenoic Acids

Amino Acids

Dicarboxylic Acids

Fatty Acids

(Continued)

see also Fluoroorganic Acids

Gluconic Acids

Peroxybenzoic Acids

x Aliphatic Acids

xx Acids

Organic Analysis

(See also specific methods of analysis, e g , Volumetric Analysis)

xx Analysis

Organic Chemistry

see also Biochemistry

Radiochemistry

Reaction Mechanisms

xx Chemistry

Organic Compound–Nitric Acid Systems

see Nitric Acid–Organic Compound Systems

Organic Compounds

see also Boroorganic Compounds

Bromoorganic Compounds

Chloroorganic Compounds

Deuteroorganic Compounds

Fluoroorganic Compounds

Haloorganic Compounds

Iodoorganic Compounds

Silicoorganic Compounds

x Aliphatic Compounds

Compounds

Organic Compounds, Metallo-

x Compounds

Metal-organic Compounds

xx Metal Compounds

Organic–Cooled Deuterium Reactor

x OCDRE

xx Heavy Water Reactors

Organic Cooled Reactors

Research Reactors

Organic Cooled Reactors

see also Experimental Organic Cooled Reactor

Organic–Cooled Deuterium Reactor

Prototype Organic Power Reactor

xx Reactors

Organic Leach Solutions

see Uranium Leach Solutions (Organic)

Organic Leaching

see Lyometallurgy

Organic Moderated Reactor Experiment

x OMRE

xx Organic Moderated Reactors

Power Reactors

Research Reactors

Organic Moderated Reactors

see also Experimental Organic Cooled Reactor

Fleet Escort Reactor

Maritime Organic Moderated Reactor

Navy Organic Reactor Experiment

Organic Moderated Reactor Experiment

Piqua Power Reactor

Prototype Organic Power Reactor

x Biphenyl Moderated Reactors

Pentalene Moderated Reactors

xx Reactors

Organic Solvents

see Solvents

Organic Syntheses

see also Fermentation

Reaction Mechanisms

x Syntheses

xx Fermentation

Reaction Mechanisms

Organic Zeolites

see Anion Exchange Materials

Cation Exchange Materials

Ion Exchange Materials

Organisms

(See also specific organisms)

see also Microorganisms

Organs

(See also specific organs)

ORIC

see ORNL Relativistic Isochronous Cyclotron

Orientation

see Preferred Orientation

Orifices

see also Nozzles

Orion

see High Energy Injection Devices

Orion Project

Orlon

see Acrylonitrile Polymers

Ornithine

x Valeric Acid, α,δ -Diamino

ORNL Fast Burst Reactor

x Fast Burst Reactor

FBR

xx Fast Reactors

Research Reactors

ORNL Fused-Salt Reactor Experiment

see Aircraft Reactor Experiment

ORNL Gas Cooled Reactor

x GCR-2

xx Gas Cooled Reactors

Graphite Moderated Reactors

Power Reactors

ORNL Graphite Reactor

x Clinton Reactors

ORNL Reactors

X 10 Reactor

xx Gas Cooled Reactors

Graphite Moderated Reactors

Research Reactors

ORNL High Flux Isotope Reactor

x HFIR

High Flux Isotope Reactor

xx Research Reactors

Water Moderated Reactors

ORNL Reactors

see Bulk Shielding Facility

Homogeneous Reactor Experiment

Homogeneous Reactor Test

Intermediate Scale Homogeneous Reactor

Materials Testing Reactor Mockup

ORNL Graphite Reactor

ORNL Research Reactor

ORSORT Exponential Pile

Shield Mockup Reactor

Thorium Breeder Reactor

Tower Shielding Facility

ORNL Relativistic Isochronous Cyclotron

x ORIC

xx Cyclotrons

ORNL Research Reactor

x ORR Reactor

xx Research Reactors

Swimming Pool Reactors

Orotic Acid

Orsellinic Acid

x Toluic Acid, 2, 6-Dihydroxy

ORSORT Exponential Pile

x ORNL Reactors

Piles

xx Exponential Piles

Research Reactors

Oscillating Precipitators

see also Particle Precipitators

x Precipitators

xx Particle Precipitators
Oscillators

Oscillators
(For electronic oscillators only)
see also Microwave Oscillators
Oscillating Precipitators
Oscillographs
Pulse Generators (Electronics)
Radiofrequency Oscillators
Reactor Oscillators

Oscillographs
(Including oscilloscopes)
x Analyzers
Synchrosopes
xx Oscillators
Pulse Analyzers
Time Measurement

Osmates
see also Bromoosmates
Chloroosmates
Fluooosmates
Potassium Osmates

Osmium
see also Platinum Metals

Osmium Alloys
Osmium Borides
Osmium Bromides
Osmium Carbides
Osmium-Carbon Systems
see Carbon-Osmium Systems

Osmium Carbonyls
Osmium-Cerium Alloys
see Cerium-Osmium Alloys

Osmium Chelates
Osmium Chlorides
Osmium Complexes
Osmium Compounds
Osmium Fluorides
Osmium-Gadolinium Alloys
see Gadolinium-Osmium Alloys

Osmium-Gadolinium-Yttrium Alloys
see Gadolinium-Osmium-Yttrium Alloys

Osmium-Hafnium Alloys
see Hafnium-Osmium Alloys

Osmium-Hafnium-Nickel Alloys
see Hafnium-Nickel-Osmium Alloys

Osmium-Iridium Alloys
see Iridium-Osmium Alloys

Osmium Isotopes
Osmium Isotopes Os182
Osmium Isotopes Os183
Osmium Isotopes Os184
Osmium Isotopes Os185
Osmium Isotopes Os186
Osmium Isotopes Os187
Osmium Isotopes Os188
Osmium Isotopes Os189
Osmium Isotopes Os190
Osmium Isotopes Os191
Osmium Isotopes Os192
Osmium Isotopes Os193
Osmium Isotopes Os194
Osmium Isotopes Os195
Osmium-Lanthanum Alloys
see Lanthanum-Osmium Alloys

Osmium-Lutetium Alloys
see Lutetium-Osmium Alloys

Osmium-Molybdenum Alloys
see Molybdenum-Osmium Alloys

Osmium-Neodymium Alloys
see Neodymium-Osmium Alloys

Osmium-Niobium Alloys

see Niobium-Osmium Alloys

Osmium Oxides
xx Platinum Metal Oxides

Osmium-Palladium Alloys
Osmium-Platinum Alloys
Osmium-Plutonium Alloys
Osmium-Praseodymium Alloys
Osmium-Rhodium Alloys
Osmium-Ruthenium Alloys
Osmium-Scandium Alloys
Osmium Sulfides
Osmium-Tantalum Alloys
Osmium-Thorium Alloys
Osmium-Titanium Alloys
Osmium-Tungsten Alloys
Osmium-Uranium Alloys
Osmium-Yttrium Alloys

Osmosis
see also Dialysis
xx Dialysis

Osteosclerosis
x Sclerosis

Ovaries
see Gonads

Ovens
see also Furnaces
Kilns
xx Furnaces
Kilns

OWR (Omega West Reactor)
see Los Alamos Omega West Reactor

1,3,4-Oxadiazoles, 2-Aryl-
1,3,4-Oxadiazoles, 2,5-Diaryl

Oxalacetates
Oxalacetic Acid
x Succinic Acid Oxo-

Oxalate Complexes
see also Neptunium Oxalate Complexes
Thorium Oxalate Complexes
Titanium Oxalate Complexes
Uranium Oxalate Complexes
Zirconium Oxalate Complexes
x Complexes

Oxalates
see also Americium Oxalates
Ammonium Oxalates
Barium Oxalates
Beryllium Oxalates
Bismuth Oxalates
Cerium Oxalates
Copper Oxalates
Dysprosium Oxalates
Holmium Oxalates
Iron Oxalates
Lithium Oxalates
Lutetium Oxalates
Magnesium Oxalates
Neodymium Oxalates
Plutonium Oxalates
Potassium Oxalates
Rare Earth Oxalates
Scandium Oxalates
Terbium Oxalates
Thulium Oxalates
Ytterbium Oxalates
Yttrium Oxalates
Zirconium Oxalates
Zirconyl Oxalates

Oxalatohafnates
see Sodium Oxalatohafnates

Oxalic Acid
(Common salts are indexed in the form Iron Oxalates)

Oxalic Acid-Nitric Acid Systems*see Nitric Acid-Oxalic Acid Systems***Oxalic Acid Systems***xx Acid Systems***Oxalohydroxamic Acids***see Hydroxamic Acids***Oxalosuccinates****Oxalyl Chloride****Oxamide, Dithio-****Oxamide, Dithio- Complexes****Oxazine Dyes***xx Dyes***Oxazoles****Oxazoles, 2,5-Diaryl-****Oxazolium Compounds****Oxazolones****Oxidases***see also Peroxidases**Succinic Oxidase***Oxidation***see also High-Temperature Oxidation**Oxidizing Agents***Oxide Bodies***x Bodies***Oxide Catalysts***see Zinc Oxide Catalysts***Oxide Coatings***see also Aluminum Oxide Coatings**Beryllium Oxide Coatings**Boron Oxide Coatings**Magnesium Oxide Coatings**Nickel Oxide Coatings**Silicon Oxide Coatings**Thorium Oxide Coatings**Uranium(IV) Oxide Coatings**Yttrium Oxide Coatings**Zirconium Oxide Coatings**xx Coatings***Oxide Compacts***see also Aluminum Oxide Compacts**Beryllium Oxide Compacts**Chromic Oxide Compacts**Europium Oxide Compacts**Gadolinium Oxide Compacts**Magnesium Oxide Compacts**Niobium Oxide Compacts**Tantalum Oxide Compacts**Thorium Oxide Compacts**Tin Oxide Compacts**Titanium Oxide Compacts**Uranium Oxide Compacts**Uranium(IV) Oxide Compacts**Uranium(VI) Oxide Compacts**Zirconium Oxide Compacts**xx Compacts***Oxide Complexes***see also Molybdenum Oxide Complexes**x Complexes***Oxide Crucibles***see also Aluminum Oxide Crucibles**Beryllium Oxide Crucibles**Calcium Oxide Crucibles**Cerium Oxide Crucibles**Gadolinium Oxide Crucibles**Hafnium Oxide Crucibles**Lanthanum Oxide Crucibles**Magnesium Oxide Crucibles**Molybdenum Oxide Crucibles**Silicon Oxide Crucibles**Thorium Oxide Crucibles**Uranium Oxide Crucibles**Yttrium Oxide Crucibles**see also Zirconium Oxide Crucibles**xx Crucibles***Oxide Crystals***see also Aluminum Oxide Crystals**Barium Oxide Crystals**Beryllium Oxide Crystals**Calcium Oxide Crystals**Copper Oxide Crystals**Iron Oxide Crystals**Lead Oxide Crystals**Magnesium Oxide Crystals**Nickel Oxide Crystals**Silicon Oxide Crystals**Strontium Oxide Crystals**Thorium Oxide Crystals**Titanium Oxide Crystals**Uranium Oxide Crystals**Zinc Oxide Crystals**xx Crystals***Oxide Films***see also Aluminum Oxide Films**Beryllium Oxide Films**Cadmium Oxide Films**Copper Oxide Films**Iron Oxide Films**Lead Oxide Films**Magnesium Oxide Films**Molybdenum Oxide Films**Nickel Oxide Films**Niobium Oxide Films**Plutonium Oxide Films**Silicon Oxide Films**Tantalum Oxide Films**Titanium Oxide Films**Uranium Oxide Films**Zinc Oxide Films**Zirconium Oxide Films**xx Films***Oxide Filters***see also Aluminum Oxide Filters**xx Filters***Oxide Foils***see also Thorium Oxide Foils***Oxide Powders***see also Aluminum Oxide Powders**Beryllium Oxide Powders**Calcium Oxide Powders**Magnesium Oxide Powders**Silicon Oxide Powders**Thorium Oxide Powders**Uranium Oxide Powders**Zinc Oxide Powders**Zirconium Oxide Powders**xx Powders***Oxide Slurries***see also Aluminum Oxide Slurries**Magnesium Oxide Slurries**Silicon Oxide Slurries**Thorium Oxide Slurries**Titanium Oxide Slurries**Uranium Oxide Slurries**xx Slurries***Oxides***(See also the oxides of specific elements)**Actinide Oxides**Alkali Metal Oxides**Alkaline Earth Oxides**Amine Oxides**Ammonium Oxides**Dioxides**Ethylene Oxide**Graphitic Oxides*

see also *Halogen Oxides*

Peroxides

Propoxides

Propylene Oxide

Rare Earth Oxides

Sodium Peroxides

Uranium Ethoxides

Uranium Propoxides

x *Metal Oxides*

Refractories and Crucibles

Oxidizing Agents

(See also *specific compounds used as oxidizing agents*)

xx *Chemicals and Reagents*

Oxidation

Oxime Complexes

x *Complexes*

Oximes

x *Dioximes*

Ketoximes

Oximates

see *8-Quinolinol Chelates*

Oxine

see *8-Quinolinol*

Oxo Acids

x *Keto Acids*

Oxyacetates

see also *Beryllium Oxyacetates*

Uranium(IV) Oxyacetates

xx *Acetates*

Oxybromides

see also *Hafnium Oxybromides*

Rhenium Oxybromides

Uranium(IV) Oxybromides

Uranium(V) Oxybromides

Uranyl Bromides

Vanadium Oxybromides

xx *Bromides*

Oxycarbonates

see also *Americium Oxycarbonates*

Ammonium Oxycarbonates

Plutonium Oxycarbonates

Potassium Plutonium Oxycarbonates

Rubidium Americium Oxycarbonates

xx *Carbonates*

Oxychlorides

see also *Actinide Oxychlorides*

Americium Oxychlorides

Curium Oxychlorides

Hafnium Oxychlorides

Lanthanum Oxychlorides

Magnesium Oxychloride Cements

Magnesium Oxychloride Concretes

Magnesium Oxychlorides

Molybdenum Oxychlorides

Niobium Oxychlorides

Plutonium Oxychlorides

Plutonyl Chlorides

Polonium Oxychlorides

Rare Earth Oxychlorides

Rhenium Oxychlorides

Tantalum Oxychlorides

Thorium Oxychlorides

Uranium(III) Oxychlorides

Uranium(IV) Oxychlorides

Uranyl Chlorides

Vanadium Oxychlorides

Yttrium Oxychlorides

Zirconyl Chlorides

x *Metal Oxychlorides*

xx *Chlorides*

Oxyfluoride Complexes

see also *Bismuth Oxyfluoride Complexes*

xx *Fluoride Complexes*

Oxyfluorides

see also *Actinium Oxyfluorides*

Americium Oxyfluorides

Beryllium Oxyfluorides

Bismuth Oxyfluorides

Cerium Oxyfluorides

Chlorine Oxyfluorides

Europium Oxyfluorides

Gadolinium Oxyfluorides

Lanthanum Oxyfluorides

Molybdenum Oxyfluorides

Neodymium Oxyfluorides

Niobium Oxyfluorides

Plutonyl Fluorides

Potassium Americium Oxyfluorides

Praseodymium Oxyfluorides

Rare Earth Oxyfluorides

Rhenium Oxyfluorides

Samarium Oxyfluorides

Tantalum Oxyfluorides

Terbium Oxyfluorides

Thorium Oxyfluorides

Titanium Oxyfluorides

Tungsten Oxyfluorides

Uranyl Fluorides

Vanadium Oxyfluorides

Yttrium Oxyfluorides

Zirconyl Fluorides

xx *Fluorides*

Oxygen

see also *Ozone*

Oxygen (Liquid)

Oxygen (Solid)

Oxygen-Acetylene Systems

see *Acetylene-Oxygen Systems*

Oxygen-Alkaline Earth Uranate Systems

see *Alkaline Earth Uranate-Oxygen Systems*

Oxygen-Aluminum-Iron Systems

see *Aluminum-Iron-Oxygen Systems*

Oxygen-Aluminum-Molybdenum-Titanium Systems

see *Aluminum-Molybdenum-Oxygen-Titanium Systems*

Oxygen-Aluminum-Silicon-Titanium Systems

see *Aluminum-Oxygen-Silicon-Titanium Systems*

Oxygen-Aluminum-Titanium Systems

see *Aluminum-Oxygen-Titanium Systems*

Oxygen-Aluminum-Uranium Systems

see *Aluminum-Oxygen-Uranium Systems*

Oxygen-Argon Systems

see *Argon-Oxygen Systems*

Oxygen-Beryllium Systems

see *Beryllium-Oxygen Systems*

Oxygen-Boron Hydride Systems

see *Boron Hydride-Oxygen Systems*

Oxygen-Boron-Silicon Systems

see *Boron-Oxygen-Silicon Systems*

Oxygen-Carbon Dioxide-Hydrogen Systems

see *Carbon Dioxide-Hydrogen-Oxygen Systems*

Oxygen-Carbon-Niobium Systems

see *Carbon-Niobium-Oxygen Systems*

Oxygen-Carbon-Sodium Systems

see *Carbon-Oxygen-Sodium Systems*

Oxygen-Carbon-Tantalum Systems

see *Carbon-Oxygen-Tantalum Systems*

Oxygen-Carbon-Titanium Systems

see *Carbon-Oxygen-Titanium Systems*

Oxygen-Carbon-Uranium Systems

see *Carbon-Oxygen-Uranium Systems*

Oxygen-Carbon-Vanadium Systems

see *Carbon-Oxygen-Vanadium Systems*

Oxygen-Charcoal Systems

see *Charcoal-Oxygen Systems*

Oxygen-Chromium-Iron Systems*see Chromium-Iron-Oxygen Systems***Oxygen-Chromium Systems***see Chromium-Oxygen Systems***Oxygen-Chromium-Titanium Systems***see Chromium-Oxygen-Titanium Systems***Oxygen-Cobalt-Titanium Systems***see Cobalt-Oxygen-Titanium Systems***Oxygen-Cobalt-Zirconium Systems***see Cobalt-Oxygen-Zirconium Systems***Oxygen Compounds****Oxygen-Copper-Titanium Systems***see Copper-Oxygen-Titanium Systems***Oxygen-Cyclohexane Systems***see Cyclohexane-Oxygen Systems***Oxygen Electrodes****xx Electrodes****Oxygen-Erbium Systems***see Erbium-Oxygen Systems***Oxygen-Ethylene Systems***see Ethylene-Oxygen Systems***Oxygen-Ethylene-Water Systems***see Ethylene-Oxygen-Water Systems***Oxygen Fluorides****x Fluorine Oxides****xx Fluorides****Oxygen-Fluorine Systems***see Fluorine-Oxygen Systems***Oxygen-Formic Acid-Iron(II) Sulfate Systems***see Formic Acid-Iron(II) Sulfate-Oxygen Systems***Oxygen-Formic Acid Systems***see Formic Acid-Oxygen Systems***Oxygen-Graphite Systems***see Graphite-Oxygen Systems***Oxygen-Hafnium-Nickel Systems***see Hafnium-Nickel-Oxygen Systems***Oxygen-Hydrogen-Nitrogen Systems***see Hydrogen-Nitrogen-Oxygen Systems***Oxygen-Hydrogen-Potassium Systems***see Hydrogen-Oxygen-Potassium Systems***Oxygen-Hydrogen-Sodium Systems***see Hydrogen-Oxygen-Sodium Systems***Oxygen-Hydrogen Systems***see Hydrogen-Oxygen Systems***Oxygen-Hydrogen-Water Systems***see Hydrogen-Oxygen-Water Systems***Oxygen-Hydrogen-Zirconium Systems***see Hydrogen-Oxygen-Zirconium Systems***Oxygen Ion Beams (O¹⁸)****x Beams****xx Ion Beams****Oxygen Ions****Oxygen-Iridium-Titanium Systems***see Iridium-Oxygen-Titanium Systems***Oxygen-Iridium-Zirconium Systems***see Iridium-Oxygen-Zirconium Systems***Oxygen-Iron-Nickel Systems***see Iron-Nickel-Oxygen Systems***Oxygen-Iron-Sulfur Systems***see Iron-Oxygen-Sulfur Systems***Oxygen-Iron Systems***see Iron-Oxygen Systems***Oxygen-Iron-Titanium Systems***see Iron-Oxygen-Titanium Systems***Oxygen-Iron-Zirconium Systems***see Iron-Oxygen-Zirconium Systems***Oxygen Isotopes****Oxygen Isotopes O¹³****Oxygen Isotopes O¹⁴****Oxygen Isotopes O¹⁵****Oxygen Isotopes O¹⁶****Oxygen Isotopes O¹⁷****Oxygen Isotopes O¹⁸****Oxygen Isotopes O¹⁹****Oxygen Isotopes O²⁰****Oxygen-Krypton Systems***see Krypton-Oxygen Systems***Oxygen-Lead Systems***see Lead-Oxygen Systems***Oxygen-Manganese-Nickel Systems***see Manganese-Nickel-Oxygen Systems***Oxygen-Manganese-Tantalum Systems***see Manganese-Oxygen-Tantalum Systems***Oxygen-Manganese-Titanium Systems***see Manganese-Oxygen-Titanium Systems***Oxygen-Methane Systems***see Methane-Oxygen Systems***Oxygen-Molybdenum-Titanium Systems***see Molybdenum-Oxygen-Titanium Systems***Oxygen-Neodymium Systems***see Neodymium-Oxygen Systems***Oxygen-Nickel-Titanium Systems***see Nickel-Oxygen-Titanium Systems***Oxygen-Nickel-Zirconium Systems***see Nickel-Oxygen-Zirconium Systems***Oxygen-Niobium Systems***see Niobium-Oxygen Systems***Oxygen-Niobium-Tantalum Systems***see Niobium-Oxygen-Tantalum Systems***Oxygen-Niobium-Uranium Systems***see Niobium-Oxygen-Uranium Systems***Oxygen-Nitrogen Fluoride Systems***see Nitrogen Fluoride-Oxygen Systems***Oxygen-Nitrogen Systems***see Nitrogen-Oxygen Systems***Oxygen-Nitrogen-Tantalum Systems***see Nitrogen-Oxygen-Tantalum Systems***Oxygen-Nitrogen-Tantalum-Zirconium Systems***see Nitrogen-Oxygen-Tantalum-Zirconium Systems***Oxygen-Nitrogen-Titanium Systems***see Nitrogen-Oxygen-Titanium Systems***Oxygen-Ozone Systems****Oxygen-Palladium-Zirconium Systems****Oxygen-Phosphorus-Titanium Systems****Oxygen-Phosphorus-Zirconium Systems****Oxygen-Platinum-Titanium Systems****Oxygen-Platinum-Zirconium Systems****Oxygen Poisoning****xx Poisoning****Oxygen-Rhodium-Titanium Systems****Oxygen-Rhodium-Zirconium Systems****Oxygen-Samarium Systems****Oxygen-Silicon-Titanium Systems****Oxygen-Sodium Systems****Oxygen-Strontium Uranate Systems****Oxygen Systems****Oxygen-Tantalum Systems****Oxygen-Thorium Systems***see also Thorium Oxides***xx Thorium Oxides****Oxygen-Tin-Zirconium Systems****Oxygen-Titanium Systems***see also Titanium Oxides***xx Titanium Oxides****Oxygen-Titanium-Uranium Systems****Oxygen-Titanium-Vanadium Systems****Oxygen-Titanium-Zirconium Systems****Oxygen-Tritium Systems****xx Water-₃****Oxygen-Uranium Systems***see also Uranium Oxides***xx Uranium Oxides****Oxygen-Uranium-Zirconium Systems****Oxygen-Vanadium Systems**

see also Vanadium Oxides

xx Vanadium Oxides

Oxygen–Water Systems

Oxygen–Water–d₂ Systems

Oxygen–Xenon Systems

Oxygen–Yttrium Systems

Oxygen–Zirconium Systems

see also Zirconium Oxides

xx Zirconium Oxides

Oxyhalides

see also Plutonium Oxyhalides

xx Halides

Oxyiodides

see also Samarium Oxyiodides

Thulium Oxyiodides

Ytterbium Oxyiodides

xx Iodides

Oxynitrates

see also Hafnium Oxynitrates

xx Nitrates

Oxynitrides

see also Niobium Oxynitrides

xx Nitrides

Oxyselenides

see also Cerium Oxyselenides

Dysprosium Oxyselenides

Erbium Oxyselenides

Gadolinium Oxyselenides

Lanthanum Oxyselenides

Neodymium Oxyselenides

Praseodymium Oxyselenides

Samarium Oxyselenides

Uranium Oxyselenides

Uranyl Selenides

Ytterbium Oxyselenides

Yttrium Oxyselenides

xx Selenides

Oxysulfates

see also Uranium(IV) Oxysulfates

see also Vanadium Oxysulfates

xx Sulfates

Oxysulfides

see also Cerium Oxysulfides

Dysprosium Oxysulfides

Erbium Oxysulfides

Europium Oxysulfides

Gadolinium Oxysulfides

Lanthanum Oxysulfides

Neodymium Oxysulfides

Plutonium Oxysulfides

Polonium Oxysulfides

Praseodymium Oxysulfides

Protactinium Oxysulfides

Rare Earth Oxysulfides

Samarium Oxysulfides

Thorium Oxysulfides

Uranium Oxysulfides

Ytterbium Oxysulfides

Yttrium Oxysulfides

Zirconyl Sulfides

xx Sulfides

Oxytellurides

see also Cerium Oxytellurides

Uranium Oxytellurides

xx Tellurides

Oysters

Ozone

xx Oxygen

Ozone–Oxygen Systems

see Oxygen–Ozone Systems

Ozonization

Ozonosphere

xx Atmosphere

P

P-10

see Ethylene, Chlorotrifluoro Polymers

P-45

see Benzene, Bis(Trifluoromethyl)-

P-45-C1

see Benzene, Chlorobis(Trifluoromethyl)-

P-45-Cl₂

see Benzene, Dichlorobis(Trifluoromethyl)-

P-539

see Ethylene Chlorotrifluoro

Pacific Gas & Electric Co Reactor

see Humboldt Bay Power Reactor

Package Power Reactors

see also Army Compact Reactor Experiments

Army Gas Cooled Reactor

Army Reactors (ML-1)

Army Reactors (PM-1)

Army Reactors (PM-2)

Army Reactors (PM-3)

Army Reactors (SL-1)

Army Reactors (SM-1)

Army Reactors (SM-2)

Military Compact Reactor

xx Power Reactors

Reactors

Packaging

Packed Columns

x Columns

xx Distillation Apparatus

Extraction Apparatus

Packing

see Column Packing

Hydraulic Packing

Pipe Joints

Seals and Glands

Paducah Plant

see Gaseous Diffusion Plants

Paints

xx Coatings

Decontamination

Pair Production

see also Electron Pairs

Ion Pair Production

Proton Pairs

Paleotemperatures

x Temperatures

Palladates

see also Chloropalladates

Cyanopalladates

Palladium

see also Platinum Metals

Palladium Alloys

Palladium–Aluminum Alloys

see Aluminum–Palladium Alloys

Palladium–Aluminum–Chromium–Iron Alloys

see Aluminum–Chromium–Iron–Palladium Alloys

Palladium–Aluminum–Chromium–Iron–Tantalum Alloys

see Aluminum–Chromium–Iron–Palladium–Tantalum Alloys

Palladium–Aluminum–Chromium–Iron–Tungsten Alloys

see Aluminum–Chromium–Iron–Palladium–Tungsten Alloys

Palladium–Arsenic Systems

see Arsenic–Palladium Systems

Palladium–Beryllium Alloys

see Beryllium–Palladium Alloys

Palladium–Beryllium–Nickel Alloys

see Beryllium–Nickel–Palladium Alloys

Palladium–Bismuth Alloys

see Bismuth–Palladium Alloys

Palladium-Cadmium-Silver Alloys*see Cadmium-Palladium-Silver Alloys***Palladium-Carbon Systems***see Carbon-Palladium Systems***Palladium Catalysts***x Catalysts***Palladium Chlorides****Palladium-Chromium-Nickel Alloys***see Chromium-Nickel-Palladium Alloys***Palladium-Chromium-Nickel-Silicon Systems***see Chromium-Nickel-Palladium-Silicon Systems***Palladium Coatings****Palladium-Cobalt Alloys***see Cobalt-Palladium Alloys***Palladium-Cobalt-Iron Alloys***see Cobalt-Iron-Palladium Alloys***Palladium(II) Complexes****Palladium Compounds****Palladium-Copper Alloys***see Copper-Palladium Alloys***Palladium Crystals****Palladium Cyanides***xx Cyanides***Palladium Deuterides****Palladium-Deuterium Systems***see Deuterium-Palladium Systems***Palladium Electrodes****Palladium Films***xx Films***Palladium Fluorides****Palladium-Gadolinium Alloys***see Gadolinium-Palladium Alloys***Palladium-Gold Alloys***see Gold-Palladium Alloys***Palladium-Gold-Hydrogen Systems***see Gold-Hydrogen-Palladium Systems***Palladium-Gold-Platinum Alloys***see Gold-Palladium-Platinum Alloys***Palladium-Hafnium Alloys***see Hafnium-Palladium Alloys***Palladium Hydrides***see also Hydrogen-Palladium Systems**xx Hydrogen-Palladium Systems***Palladium-Hydrogen-Nickel Systems***see Hydrogen-Nickel-Palladium Systems***Palladium-Hydrogen Systems***see Hydrogen-Palladium Systems***Palladium-Indium Alloys***see Indium-Palladium Alloys***Palladium Iodides****Palladium Ions****Palladium-Iridium Alloys***see Iridium-Palladium Alloys***Palladium-Iron Alloys***see Iron-Palladium Alloys***Palladium-Iron Couples***see Iron-Palladium Couples***Palladium-Iron-Nickel-Tungsten Alloys***see Iron-Nickel-Palladium-Tungsten Alloys***Palladium Isotopes****Palladium Isotopes Pd⁸⁸****Palladium Isotopes Pd⁸⁹****Palladium Isotopes Pd¹⁰²****Palladium Isotopes Pd¹⁰³****Palladium Isotopes Pd¹⁰⁴****Palladium Isotopes Pd¹⁰⁶****Palladium Isotopes Pd¹⁰⁸****Palladium Isotopes Pd¹⁰⁷****Palladium Isotopes Pd¹⁰⁸****Palladium Isotopes Pd¹⁰⁹****Palladium Isotopes Pd¹¹⁰****Palladium Isotopes Pd¹¹¹****Palladium Isotopes Pd¹¹²****Palladium Isotopes Pd¹¹³****Palladium Isotopes Pd¹¹⁴****Palladium Isotopes Pd¹¹⁵****Palladium-Manganese Alloys***see Manganese-Palladium Alloys***Palladium-Manganese-Nickel Alloys***see Manganese-Nickel-Palladium Alloys***Palladium-Molybdenum Alloys***see Molybdenum-Palladium Alloys***Palladium-Molybdenum Couples***see Molybdenum-Palladium Couples***Palladium-Nickel Alloys***see Nickel-Palladium Alloys***Palladium-Nickel Couples***see Nickel-Palladium Couples***Palladium-Nickel-Tungsten Alloys***see Nickel-Palladium-Tungsten Alloys***Palladium-Niobium Alloys***see Niobium-Palladium Alloys***Palladium-Niobium-Zirconium Alloys***see Niobium-Palladium-Zirconium Alloys***Palladium-Osmium Alloys***see Osmium-Palladium Alloys***Palladium Oxides***xx Platinum Metal Oxides***Palladium-Oxygen-Zirconium Systems***see Oxygen-Palladium-Zirconium Systems***Palladium-Platinum Alloys****Palladium-Plutonium Alloys****Palladium-Rhodium Alloys****Palladium-Ruthenium Alloys****Palladium-Silicon Systems****Palladium-Silver Alloys****Palladium-Silver Couples****Palladium Steel***xx Steel***Palladium Systems****Palladium Tellurides***xx Tellurides***Palladium-Thorium Alloys****Palladium-Titanium Alloys****Palladium-Tritium Systems***xx Tritides***Palladium-Tungsten Alloys****Palladium-Uranium Alloys****Palladium-Vanadium Alloys****Palladium-Zirconium Alloys****Palmitic Acid***x Hexadecanoic Acid***Palmitic Acid, Glycerol Esters***see Palmitin***Palmitin***x Palmitic Acid, Glycerol Esters***Pancreas****Panels***see Structural Panels***Pantothenic Acid****Papain****Paper***see also Filter Papers***Paper Chromatography***see Chromatography***Parabiosis****Parachutes****Paraffin***(Reserved for hydrocarbon wax, for compounds of the paraffin series**see Alkanes and the specific compounds)**xx Waxes***Paraffin Moderated Reactors***see Hydrogen Moderated Reactors***Paraffin-Uranium(IV) Fluoride Systems**

Paraffin—Uranium(IV) Oxide Systems**Paraffins**

see Alkanes

Parallel Engine Operation

see Nuclear Aircraft Power Plants

Parallel Plate Detectors

x Detectors

xx Radiation Detectors

Paramagnetic Materials

see also Paramagnetic Salts

xx Paramagnetic Salts

Paramagnetic Resonance

see Magnetic Resonance

Paramagnetic Salts

xx Paramagnetic Materials
Salts

Paramecium

xx Protozoa

Paraoxon**Parasites****Parasympathomimetic Substances**

see Vagomimetic Substances

Parathyroid Extracts

x Extracts

Parathyroid Glands

xx Glands

Parathyroid Hormones

xx Hormones

Parr Shoals Power Reactor

see Carolinas-Virginia Tube Reactor

Parsonsites**Partial Differential Equations**

see Differential Equations

Partially Enriched Gas Cooled Power Reactor (PEGCPR)

see Kaiser Gas Cooled Reactor

Particle Accelerators

see Accelerators

Particle Collectors

see also Cascade Impactors

Electrostatic Precipitators

Filters

Thermal Precipitators

x Collectors

Particle Microscopes

(Non-optical microscope using ions other than electrons)

see also Electron Microscopes

xx Microscopes

Particle Precipitators

see also Cascade Impactors

Cyclone Separators

Electrostatic Precipitators

Oscillating Precipitators

Thermal Precipitators

Wire-Mesh Entrainment Separators

x Precipitators

xx Oscillating Precipitators

Thermal Precipitators

Particle Statistics

see also Bosons

Fermions

xx Statistics

Particle Tracks

see also Photographic Film

Photographic Film Detectors

x Tracks

xx Photographic Film

Particle Trajectories

x Trajectories

Particles

(See also headings such as Nickel Powders)

see also Aerosols

Alpha Particles

see also Beta Particles

Nuclear Particles

S Particles

T Particles

V Particles

xx Aerosols

Cascade Impactors

Disperse Systems

Dusts

Grinding

Powders

Screening

Thermal Precipitators

Passivation

see also Corrosion Inhibitors

Stabilization

xx Stabilization

Pasteurization

see Sterilization

Patents

(Manuals on patent procedures, letters of patent disclosures, etc., see also headings for the technical matter concerned)

Pathfinder Reactor

see Sioux Falls Power Reactor

Pathology

see also Plant Pathology

PBR

see Argonne Power Breeder Reactor

PCR

see Savannah River Components Test Reactor

PCTR

see Physical Constants Testing Reactor

PDP (Process Development Pile)

see Savannah River Reactor Mockup

Peach Bottom Power Reactor

x High Temperature Gas-Cooled Reactor (HTGR)

xx Gas Cooled Reactors

Graphite Moderated Reactors

Power Reactors

Peas**Peat****Pebble-Type Reactors**

see Power Reactors

Pectins**PEGCPR (Partially Enriched Gas Cooled Power Reactor)**

see Kaiser Gas Cooled Reactor

Pegmatites

xx Igneous Rocks

Penetrameters

x Meters

Penetrant Inspection

see Fluorescent Penetrant Inspection

Penicillamine

see Valine, 3-Mercapto-

Penicillin

xx Antibiotics

Pennsylvania Advanced Reactor (PAR)

see Power Reactors

Pennsylvania Research Reactor

xx Research Reactors

Swimming Pool Reactors

Pentaborane, Alkyl-**Pentaborane, Methyl-****Pentadecanoic Acid****2,4-Pentadienoic Acid****Pentaerythritol**

see also Dipentaerythritol Hexantrate

Pentaerythritol Tetranitrate

x PETN

Pentaerythryl Tetraiodide

see Propane, 1,3-Dibromo-2,2-Bis(Bromomethyl)-

Pentaether

see Tetraethylene Glycol Dibutoxy-

Pentalene Moderated Reactors

see Organic Moderated Reactors

Pentalenes

Pentamethylenetetrazole

see Metrazole

Pentane Complexes

Pentane, 2,4-Dimethyl-

Pentane, 3,3-Dimethyl-

Pentane, Dodecafluoro-

Pentane, Dodecafluoro-- Tungsten Fluoride Systems

Pentane, Dodecafluoro-- Uranium(VI) Fluoride Systems

Pentane, 2-Methyl-

Pentane, 2,2,4-Trimethyl-

2,4-Pentanedione

x Acetone, Acetyl-
Acetylacetone

2,4-Pentanedione Complexes

x Complexes
xx Acetylacetonates

2,4-Pentanedione, Fluoro-

2,4-Pentanedione, Hexafluoro-

2,4-Pentanedione Ions

2,4-Pentanedione, 3-Methyl-

2,3-Pentanedione, 4-Methyl-

x Methyl Isopropyl Diketone

2,4-Pentanedione, Trifluoro-

Pentanes

Pentanoic Acid

see Valeric Acid

1-Pentanol

see Amyl Alcohol

3-Pentanol, 2,4-Dimethyl-

x Carbinol, Diisopropyl-

2-Pentanol, 2-Methyl-

x Carbinol, Dimethylpropyl-

2-Pentanol, 4-Methyl-

x Carbinol, Methylisobutyl-
Methyl Isobutyl Carbinol

2-Pentanone**3-Pentanone**

3-Pentanone, 2,4-Dimethyl-

x Diisopropyl Ketone

3-Pentanone, 2,4-Dimethyl-2-Nitro-

2-Pentanone, 4-Methyl-

x Hexone
Methyl Isobutyl Ketone

2-Pentanone, 4-Methyl--Acetic Acid--Water Systems

see Acetic Acid--2-Pentanone, 4-Methyl--Water Systems

2-Pentanone, 4-Methyl--Aluminum Nitrate Systems

see Aluminum Nitrate--2-Pentanone, 4-Methyl- Systems

2-Pentanone, 4-Methyl--Ammonium Nitrate Systems

see Ammonium Nitrate--2-Pentanone, 4-Methyl Systems

2-Pentanone, 4-Methyl--Carbon Tetrachloride Systems

see Carbon Tetrachloride--2-Pentanone, 4-Methyl- Systems

2-Pentanone, 4-Methyl--Nitric Acid--Plutonium Nitrate Systems

see Nitric Acid--2-Pentanone, 4-Methyl--Plutonium Nitrate Systems

2-Pentanone, 4-Methyl--Nitric Acid Systems

see Nitric Acid--2-Pentanone, 4-Methyl- Systems

2-Pentanone, 4-Methyl--Nitric Acid--Uranyl Nitrate Systems

see Nitric Acid--2-Pentanone, 4-Methyl--Uranyl Nitrate Systems

2-Pentanone, 4-Methyl-- Water Systems

1-Pentene**2-Pentene**

1-Pentene, 2,4,4-Trimethyl-

2-Pentene, 2,4,4'-Trimethyl-

3-Penten-2-one

3-Penten-2-one, 4-Methyl-

see Mesityl Oxide

Pentobarbital**Pentobarbital Sodium**

x Nembutal

xx Organic Compounds, Metallo-

Pentosenucleic Acids

see Nucleic Acids

Pentoses

see also Arabinose

Lyxose

Ribose

Xylose

xx Monosaccharides

Pentoxyl**Pentyl Radicals****Pepsin****Peptides**

x Dipeptides

Perchlorate Ions

xx Chlorate Ions

Perchlorates

(*See also perchlorates of specific elements*)

see also Ammonium Perchlorates

Nitryl Perchlorates

Rare Earth Perchlorates

Uranyl Perchlorates

xx Chlorates

Perchloric Acid

xx Acids

Perchloric Acid--Benzene Systems

see Benzene--Perchloric Acid Systems

Perchloric Acid--Hydrofluoric Acid Systems

see Hydrofluoric Acid--Perchloric Acid Systems

Perchloric Acid--Uranium(IV) Phosphate Systems**Perchloryl Fluorides**

xx Fluorides

Percolators

xx Extraction Apparatus

Perfluoroethyl Ether

see Ether, Pentafluoroethyl

Perfluoroorganic Compounds

(*With specific organic compounds, the standard numerical prefixes or the general term Fluoro- are used instead of the term Perfluoro-*)

xx Fluoroorganic Compounds

Perfluorotetramethylene Oxide

see Furan, Octafluorotetrahydro-

Perforated Plates

see Plates (Perforated)

Performic Acid

see Peroxyformic Acid

Perhapsatron

see also Electric Arcs

xx Electric Arcs

Pinch Devices

Periclase

see Magnesium Oxides

Periodates

see also Ammonium Periodates

Potassium Periodates

Potassium Uranyl Periodates

Silver Periodates

xx Iodates

Periodic Acid

xx Acids

Periodic Systems**Periscopes**

xx Remote-Viewing Equipment

Periston

see Pyrrolidone, Vinyl- Polymers

Pertectic Reactions

see Phase Studies

Perkin Reaction

x Reactions

Perlite

see also Lightweight Aggregates

xx Lightweight Aggregates

Permanganates

- see also* Barium Permanganates
Potassium Permanganates
Rubidium Permanganates
Silver Permanganates
- xx Manganates

Permeability

- see also* Diffusion
Magnetism
Porosity

- xx Diffusion
Porosity

Permittivity

- see* Dielectric Constants

Perovskites**Peroxidases**

- xx Oxidases

Peroxide, Bis(Hydroxymethyl)**Peroxide Chlorides**

- see* Thorium Peroxide Chlorides

Peroxide Nitrates

- see* Thorium Peroxide Nitrates

Peroxide Perchlorates

- see* Thorium Peroxide Perchlorates

Peroxide Sulfates

- see* Thorium Peroxide Sulfates

Peroxides

- see also* Alkaline Earth Peroxides
- Barium Peroxides
Benzoyl Peroxide
2,3-Butadiene Peroxide
2,3-Butanedione Peroxide
tert-Butyl Peroxide
Cerium Peroxides
Ethyl Peroxide
Hydrogen Peroxides
Hydroperoxides
Lanthanum Peroxides
Phthaloyl Peroxide
Plutonium Peroxides
Thorium Peroxides
Praseodymium Peroxides
Sodium Peroxides
Tin Peroxides
Titanium Peroxides
Uranium Peroxides
Yttrium Peroxides
Zirconium Peroxides
- xx Oxides

Peroxides, Perhaloacetyl**Peroxybenzoic Acids**

- xx Benzoic Acid
Organic Acids

Peroxydisulfate Ions

- xx Sulfate Ions

Peroxydisulfuric Acid

- xx Sulfuric Acid

Peroxyformic Acid

- x Performic Acid

Peroxymonosulfuric Acid

- xx Sulfuric Acid

Peroxyuranates

- see also* Sodium Peroxyuranates
- xx Uranates

Peroxyuronic Acid**Perrhenate Ions****Perrhenates**

- see also* Ammonium Perrhenates
Potassium Perrhenates
Sodium Perrhenates

- xx Rhenates

Perrhenic Acid

- xx Acids

Perruthenates

- see also* Potassium Perruthenates
- xx Ruthenates

Perseitol**Personnel**

- see also* Aviation Personnel
Decontamination of Personnel
Military Personnel

Personnel Meters

- see* Photographic Film Detectors
Pocket Chambers
Radiation Protection

Pertechnetate Ions**Pertechnetates**

- see also* Ammonium Pertechnetates
Potassium Pertechnetates

- xx Technetates

Pertechnetic Acid

- xx Acids

Perturbation Theory

- xx Mathematics

Pervanadyl Ions

- xx Vanadium Ions

Perylene**Pesticides**

- see also* Fungicides
Herbicides
Insecticides

Peteosthor

- see* Radium Isotopes Ra²²⁴

PETN

- see* Pentaerythritol Tetranitrate

Petrography**Petroleum**

- x Mineral Oil
xx Oils

Petroleum (Gaseous)**Petroleum Ether**

- see* Ligroine

Petroleum–Methyl Borate Systems

- see* Methyl Borate–Petroleum Systems

Petroselinic Acid, Methyl Ester**PGCR**

- see* Army Reactors (ML-1)

pH

- see* Hydrogen Ion Concentration

pH Meters

- x Meters

Phantoms

- x Biological Phantoms
Radiation Phantoms

Pharmaceuticals

- see also* Drugs

Pharmacology**Phase Diagrams**

- see* Constitution Diagrams

Phase Studies

- (Including allotropic formations, eutectoid reactions, nucleation, precipitation, phase transformations, recovery, segregation, etc.)

- see also* Azeotropes

- x Allotropic Formations

Allotropy**Eutectoid Reactions****Intermediate Phases****Meritectic Reactions****Nucleation****Peritectic Reactions****Segregation****Triple Points**

- xx Constitution Diagrams

Precipitation**Transformation Temperatures**

Phase Transformations

see Transformation Temperatures

Phasotron (Russian synchrocyclotron)

see Synchrocyclotrons

Phenamines

Phenanthrene

Phenanthrene, 9-Bromo-

Phenanthrene, 1-Methyl-

1,10-Phenanthroline

(For complexes with Fe^{++} *see also Ferroin*)

Phenanthroline Complexes

x Complexes

1,10-Phenanthroline, Iron(III) Salts

1,10-Phenanthroline, Iron(II) Salts

see Ferroin

1-10-Phenanthroline, Iron(III) Salts

see Phenanthroline Complexes

Phenarsazine, 10-Chloro-5,10-Dihydro-

x Adamsite

Phenatine

Phenazine Dyes

xx Dyes

Phenethylamine, α -Methyl-

x Benzedrine

Phenethylamine, Methyl- Sulfate

xx Sulfates

Phenetole

Phenetole, β -Bromo-Phenetole, β -Chloro-

Phenocopies

Phenol

Phenol, Amino-

Phenol, m-Bromo-

Phenol-Carbon Tetrachloride Systems

see Carbon Tetrachloride-Phenol Systems

Phenol, p-Chloro-

Phenol, p,p'-(1,2-Diethylethylene)di-

x Hexestrol

Phenol, Dinitro-

Phenol, Iodo-

Phenol, 4,4'-Isopropylidenedi-

Phenol, Nitro-

Phenol Red

see Phenolsulfonephthalein

1-Phenol-4-Sulfonic Acid, 2-(2,4-Dihydroxyphenylazo)-

Phenol-Sulfuric Acid Systems

Phenol-Water Systems

Phenolphthalein

Phenolphthalein, Tetrabromo-, Ethyl Ester,

Potassium Salt

xx Potassium Salts

Phenolphthalein, Tetraiodo-

Phenols

Phenolsulfonephthalein

x Phenol Red

Phenothiazine

x Thiodiphenylamine

Phenothiazine, 3-Chloro-10-(3'-Dimethylaminopropyl)-

Phenothiazines

x Aminazine

Phenyl Borates

xx Borates

Phenyl Carbinol

see Benzyl Alcohol

Phenyl Ether

Phenyl Ether-Biphenyl Systems

see Biphenyl-Phenyl Ether Systems

Phenyl Mercuric Acetate

xx Acetates

Phenyl Mercuric Chloride

xx Chlorides

Mercury Chlorides

Phenyl Phosphates

x Triphenyl Phosphates

xx Phosphates

Phenyl Salicylate

see Salicylic Acid, Phenyl Ester

Phenylamine

see Aniline

Triphenylamine

Phenylarsonates

see also Neptunium Phenylarsonates

Plutonium Phenylarsonates

xx Arsonates

Phenylarsonic Acid

see Benzenearsonic Acid

Phenylbenzene

see Biphenyl

Phenylenediacetic Acid, Diethyl Ester

see Benzenediacetic Acid, Diethyl Ester

Phenylenediamine

m-Phenylenediamine, 2,4,6-Trinitro-

Phenylenediamines

Phenylethane

see Benzene, Ethyl-

Phenyglycolic Acid

see Mandelic Acid

Phenyhydrazine

see Hydrazine, Phenyl-

Phenylmercuric Acetate-Benzene Systems

see Benzene-Phenylmercuric Acetate Systems

Philadelphia Electric Co Reactor

see Peach Bottom Power Reactor

Phlorizin

Phonons

see Crystal Structure

Phosgene

see also Diphosgene

x Carbonyl Chloride

Phosphatase Activity

x Activity

Phosphatases

Phosphate Coatings

xx Coatings

Phosphate Complexes

see also Uranyl Phosphate Complexes

x Complexes

Phosphate Fertilizers

see Phosphates

Phosphate Glass

xx Glass

Phosphate Ions

Phosphate Reserves

xx Mineral Resources

Phosphate Rocks

see also Phosphates

x Phosphorite

xx Rocks

Phosphate Slimes

x Slimes

Phosphate Slurries

see also Uranyl Phosphate Slurries

xx Slurries

Phosphates

(Including phosphate fertilizers, *see also phosphates and acid phosphates of specific elements.*)

see also Ammonium Phosphates

Butyl Phosphates

Cellulose Phosphates

Chlorophosphates

Cresyl Phosphates

Ethyl Phosphates

Fluophosphates

see also *Glycerophosphates*

Hypophosphates

Inosine Phosphates

Metaphosphates

Phenyl Phosphates

Phosphoric Acid, Alkyl Esters

Polyphosphates

Propyl Phosphates

Pyrophosphates

Rare Earth Phosphates

Sugar Phosphates

Triose Phosphates

Uranyl Phosphates

Zirconyl Phosphates

x *Acid Phosphates*

Phosphate Fertilizers

xx *Phosphate Rocks*

Phosphatides

x *Phospholipids*

Phospholipins

xx *Lipids*

Phosphatides, Acetal

Phosphenes

(*A luminous impression on the retina caused by excitation other than light*)

xx *Eyes*

Vision

Phosphides

see also *Boron Phosphides*

Aluminum Phosphides

Cerium Phosphides

Gadolinium Phosphides

Gallium Phosphides

Indium Phosphides

Lanthanum Phosphides

Neptunium Phosphides

Niobium Phosphides

Plutonium Phosphides

Nickel Phosphides

Praseodymium Phosphides

Tantalum Phosphides

Terbium Phosphides

Thorium Phosphides

Uranium Phosphides

Vanadium Phosphides

Zinc Phosphides

Phosphinates

Phosphine

see *Phosphines*

Phosphine, Methoxychloro-

see *Phosphines*

Phosphine Oxide, Tributyl-

Phosphine Oxide, Tributyl-Hydrochloric Acid Systems

see *Hydrochloric Acid-Phosphine Oxide, Tributyl- Systems*

Phosphine Oxide, Trimethyl-

Phosphine Oxide, Trioctyl-

Phosphine Oxide, Triphenyl-

Phosphine Oxide, Tris(Trifluoromethyl)-

Phosphine Oxides

Phosphine Oxides, Alkylidiaryl-

Phosphine Oxides, Dichloromethyl-

Phosphine Oxides, Difluoromethyl-

Phosphine Oxides, Ethyldichloro-

Phosphine Oxides, Fluoro-

Phosphine Oxides, Trialkyl-

Phosphine Oxides, Trioctyl--Wax Systems

Phosphine Sulfide, Tris(1-Aziridinyl)-

Phosphines

x *Phosphine*

Phosphine Methoxychloro-

Phosphines, Alkylidichloro-

Phosphines, Aryldichloro-

Phosphines, Alkylidichloro-

see *Phosphines*

Phosphines, Aryldichloro-

see *Phosphines*

Phosphinic Acid

Phosphinic Acid, Bis(2-Ethylhexyl)-

Phosphinic Acid, Bis(Trifluoromethyl)-

Phosphinic Acid, Ethyl(p-Hydroxyphenyl)-

Phosphinic Acid, Ethyl(p-Toluenesulfonyloxyphenyl)-

Phosphites

see also *Hypophosphites*

Phosphocreatine

see *Creatinephosphoric Acid*

Phosphoglycolic Acid

Phospholipids

see *Phosphatides*

Phospholipins

see *Phosphatides*

Phosphomolybdates

see *Ammonium Phosphomolybdates*

Phosphomolybdic Acids

see *Heteropoly Acids*

Phosphonates

Phosphonic Acid, Derivatives

Phosphonic Acids

Phosphonitrile Chlorides

Phosphonium Chlorides

xx *Chlorides*

Phosphonofluoridic Acid, Methyl- Isopropyl Ester

Phosphonyl Dichloride, Methyl-

xx *Chlorides*

Phosphonyl Fluorides

Phosphoproteins

see also *Casein*

xx *Proteins*

Phosphor Bronze

xx *Bronze*

Phosphorescence

see also *Fluorescence*

Luminescence

Phosphors

xx *Fluorescence*

Luminescence

Phosphors

Phosphoric Acid

see also *Creatinephosphoric Acid*

Fluophosphoric Acid

xx *Acids*

Phosphorus Acids

Phosphoric Acid, Alkyl Esters

(*See also* *specific esters, e.g., Butyl Phosphates*)

x *Alkyl Phosphates*

Phosphoric Acid, Aryl Esters

Phosphoric Acid, Bis(2-Ethylhexyl)-

see *Phosphoric Acid, Alkyl Esters*

Phosphoric Acid-Boron Fluoride Systems

see *Boron Fluoride-Phosphoric Acid Systems*

Phosphoric Acid, Butyl Esters

see *Butyl Phosphates*

Phosphoric Acid-Butyl Phosphate Systems

see *Butyl Phosphate-Phosphoric Acid Systems*

Phosphoric Acid, Esters

see also *Fluophosphoric Acid, Esters*

Pyrophosphoric Acid, Alkyl Esters

Pyrophosphoric Acid, Tetraethyl Ester

Thiophosphoric Acid, Alkyl Esters

Thiopyrophosphoric Acid Alkyl Esters

Phosphoric Acid-Nitric Acid Systems

see *Nitric Acid-Phosphoric Acid Systems*

Phosphoric Acid-Nitric Acid-Thorium Oxide Systems

see *Nitric Acid-Phosphoric Acid-Thorium Oxide Systems*

Phosphoric Acid, Ribulose Esters

x *Ribulose Phosphates*

Phosphoric Acid, Sedoheptitol Esters**Phosphoric Acid Systems**

xx Acid Systems

Phosphoric Acid—Thorium Nitrate Systems**Phosphoric Acid—Thorium Oxide Systems****Phosphoric Acid—Uranium Oxide Systems****Phosphoric Acid—Uranium(IV) Oxide Systems****Phosphoric Acid—Uranium(VI) Oxide Systems****Phosphoric Acid—Uranyl Phosphate Systems****Phosphorite***see* Phosphate Rocks**Phosphorfluoric Acid***see* Fluophosphoric Acid**Phosphorometers**

x Meters

xx Photometers

Ultraviolet Spectroscopy

Phosphorous Acid*see also* Hypophosphorous Acid

xx Acids

Phosphorus Acids

Phosphorous Acid, Aryl Esters**Phosphorous Acid, Derivatives****Phosphors***(See also specific phosphorescent materials, for phosphors mounted as part of a radiation detector see also Scintillation Detectors)**see also* Luminescence

Phosphorescence

x Fluors

Scintillators

xx Phosphorescence

Scintillation Detectors

Phosphors (Liquid)**Phosphorus****Phosphorus (Liquid)****Phosphorus Acids***see also* Hypophosphorous Acid

Phosphoric Acid

Phosphorous Acid

xx Acids

Phosphorus—Aluminum Systems*see* Aluminum—Phosphorus Systems**Phosphorus—Arsenic—Gallium Systems***see* Arsenic—Gallium—Phosphorus Systems**Phosphorus Chloride—Gold Chloride Systems***see* Gold Chloride—Phosphorus Chloride Systems**Phosphorus Chlorides****Phosphorus(V) Chlorides****Phosphorus Chlorides, Methyl- Complexes**

x Complexes

Phosphorus Coatings

xx Coatings

Phosphorus—Cobalt Systems*see* Cobalt—Phosphorus Systems**Phosphorus Compounds***see also* Chemical Warfare Agents**Phosphorus—Copper—Iron Systems***see* Copper—Iron—Phosphorus Systems**Phosphorus Fluorides****Phosphorus—Gold Systems***see* Gold—Phosphorus Systems**Phosphorus—Iridium Systems***see* Iridium—Phosphorus Systems**Phosphorus Ions****Phosphorus—Iron—Magnesium Systems***see* Iron—Magnesium—Phosphorus Systems**Phosphorus—Iron—Sulfur Systems***see* Iron—Phosphorus—Sulfur Systems**Phosphorus—Iron Systems***see* Iron—Phosphorus Systems**Phosphorus Isocyanates**

xx Isocyanates

Phosphorus Isotopes**Phosphorus Isotopes P²⁸****Phosphorus Isotopes P²⁹****Phosphorus Isotopes P³⁰****Phosphorus Isotopes P³¹****Phosphorus Isotopes P³²****Phosphorus Isotopes P³³****Phosphorus Isotopes P³⁴****Phosphorus—Lead Bronze***see* Lead—Phosphorus Bronze**Phosphorus—Manganese Systems***see* Manganese—Phosphorus Systems**Phosphorus—Nickel Systems***see* Nickel—Phosphorus Systems**Phosphorus Oxide—Boron Oxide—Lithium Oxide Systems***see* Boron Oxide—Lithium Oxide—Phosphorus Oxide Systems**Phosphorus Oxide—Silicon—Silicon Carbide—****Uranium Systems****Phosphorus Oxide—Uranium Oxide Systems****Phosphorus Oxides**

x Phosphorus(V) Oxides

Phosphorus Oxides (Liquid)**Phosphorus(V) Oxides***see* Phosphorus Oxides**Phosphorus Oxychlorides***see* Phosphoryl Chlorides**Phosphorus—Oxygen—Titanium Systems***see* Oxygen—Phosphorus—Titanium Systems**Phosphorus—Oxygen—Zirconium Systems***see* Oxygen—Phosphorus—Zirconium Systems**Phosphorus—Praseodymium Systems****Phosphorus—Silicon Systems****Phosphorus—Silver Systems****Phosphorus Sulfides****Phosphorus Systems****Phosphorus—Titanium Systems****Phosphorus Tritides**

xx Tritides

Phosphoryl Chloride—Boron Chloride Systems*see* Boron Chloride—Phosphoryl Chloride Systems**Phosphoryl Chloride Complexes**

x Complexes

xx Chloride Complexes

Phosphoryl Chloride—Hafnium Chloride Systems*see* Hafnium Chloride—Phosphoryl Chloride Systems**Phosphoryl Chloride—Niobium Chloride Systems***see* Niobium Chloride—Phosphoryl Chloride Systems**Phosphoryl Chloride—Tantalum Chloride Systems****Phosphoryl Chloride—Zirconium Chloride Systems****Phosphoryl Chloride—Zirconium Fluoride Systems****Phosphoryl Chlorides**

x Phosphorus Oxychlorides

xx Chlorides

Phosphoryl Fluorides*see also* Thiophosphoryl Fluoride

xx Fluorides

Phosphoryl Halide Complexes

x Complexes

xx Halide Complexes

Phosphoryl Isocyanates

xx Isocyanates

Phosphotungstates*see* Sodium Phosphotungstates**Phosphotungstic Acids***see* Heteropoly Acids**Phosphotungstomolybdic Acids***see* Heteropoly Acids**Phosphuranylites****Photocells***see* Photoelectric Cells**Photochemical Reactions**

see Photochemistry

Photochemistry

see also Photosynthesis

- x Photochemical Reactions
- Photodisintegration
- xx Chemistry
- Photosynthesis
- Reaction Mechanisms

Photoconductive Cells

see Photoelectric Cells

Photoconductivity

- x Conductivity

Photodeuterons

- xx Deuterons

Photodisintegration

see Nuclear Reactions
Photochemistry
Photofission

Photoelastic Shutters

- x Shutters

Photoelasticity

- x Stress and Strain
- xx Elasticity
- Materials Testing

Photoelectric Cells

(Including photoconductive, photoelectric, and photovoltaic cells and tubes)

see also Crystal Detectors
Photomultiplier Tubes
Radioelectric Cells

- x Cells
- Electric Cells
- Photocells
- Photoconductive Cells
- Phototubes
- Photovoltaic Cells
- xx Nuclear Batteries
- Radiation Detectors
- Radioelectric Cells

Photoelectric Effect

- x Photoemission

Photoemission

see Photoelectric Effect
Photoneutrons

Photofission

- x Photodisintegration
- xx Fission

Photofission Cross Sections

- xx Cross Sections

Photofission Products

- xx Fission Products

Photographic Emulsions

see also Nuclear Emulsions
Photographic Film
Photographic Film Detectors

- xx Emulsions
- Nuclear Emulsions

Photographic Film

see also Nuclear Emulsions
Particle Tracks

- x Photographic Plate Techniques
- xx Films
- Photographic Emulsions
- Photography
- Nuclear Emulsions
- Particle Tracks

Photographic Film Detectors

see also Nuclear Emulsions

- x Detectors
- Film Detectors
- Film Meters
- Personnel Meters

Photographic Plate Techniques

Star Production

- xx Films
- Nuclear Emulsions
- Particle Tracks
- Photographic Emulsions
- Radiation Detectors
- Radioautography
- Radiography

Photographic Plate Techniques

see Photographic Film
Photographic Film Detectors
Radiography

Photography

see also Cameras

Electron Photography
Electrophotography
Neutron Photography
Photographic Film
Photomicrography
Spark Shadowgraph Photography

- x Aerial Photography

- xx Cameras

Photomesons

- xx Mesons

Photometers

see also Fluorophotometers
Gamma Photometers
Phosphometers
X-Ray Photometers

- x Meters

Photometry

see also Colorimetry
Spectrophotometry
X-Ray Photometry

Photomicrography

see also Microscopy

- x Micrography
- xx Microscopy
- Photography

Photomultiplier Tubes

- x Multiplier Tubes
- Phototubes
- xx Electron Multiplier Tubes
- Photoelectric Cells
- Radiation Detectors
- Tubes

Photon Showers

- x Showers

Photon Spectra

- xx Spectra

Photoneutron Sources

- x Sources
- xx Photoneutrons

Photoneutrons

see also Photoneutron Sources

- x Photoemission
- xx Neutrons

Photons

see also Cosmic Photons
Gamma Radiation
X Radiation

- xx Gamma Radiation
- X Radiation

Photoperiodism

(See also specific plants)
see also Light

Photoprotons

- xx Protons

Photosensitivity

Photosynthesis

see also Chlorophylls
(Continued)

see also Chloroplasts

Photochemistry

- x Synthesis
- xx Carbon Dioxides
- Photochemistry
- Reaction Mechanisms

Photosynthetic Products

Phototubes

- see Photoelectric Cells*
- Photomultiplier Tubes*

Photovoltaic Cells

- see Photoelectric Cells*

Phthalamide

Phthalates

Phthalein Dyes

- xx Dyes

Phthalic Acid

Phthalic Acid, Ammonium Salts

- x Ammonium Phthalate
- xx Ammonium Salts

Phthalic Acid, Bis[2-(2-Methyl- Propylmercapto)- Ethyl] Ester

Phthalic Acid, Dibutyl Ester

Phthalic Acid, Diethyl Ester

- xx Esters

Phthalic Acid, Dioctyl Ester

- x Dioctyl Phthalate

Phthalic Acid, Potassium Salts

- x Potassium Phthalates

Phthalic Acid, Sodium Salts

- xx Sodium Salts

Phthalic Anhydride

Phthalic Anhydride, Iodo-

Phthalimides

Phthalocyanines

- see also Copper Phthalocyanine*

Phthalonitriles

- xx Nitriles

Phthaloyl Chloride

- xx Chlorides

Phthaloyl Peroxide

- xx Peroxides

Phycocyanins

Physical Chemistry

- see also Thermodynamics*

- xx Chemistry
- Thermodynamics

Physical Constants Testing Reactor

- x Lattice Test Reactor
- LTR
- PCTR
- xx Graphite Moderated Reactors
- Research Reactors

Physical Security

(Covering procedures and devices for the physical protection of reactors, plants, etc)

- see also Alarm Systems*

Physics

- see also Astrophysics*

- Atomic Physics
- Biophysics
- Cryogenics
- Geophysics
- Health Physics
- Mathematics
- Nuclear Physics
- xx Quantum Mechanics
- Thermodynamics
- Wave Mechanics

Physiology

- see also Cell Physiology*
- Plant Physiology*

Physostigmine

Phytate Complexes

Phytic Acid

Picene

Pickling

- see also Cleaning*

- xx Cleaning

2-Picoline, 5-Ethyl-

Picolines

- x Pyridine, Methyl-

Picolinic Acid

- x 2-Pyridinecarboxylic Acid

Picric Acid

- x 2,4,6-Trinitrophenol

Picric Acid Complexes

- x Complexes

Piezoelectric Crystals

- xx Crystals

Piezoelectric Effect

Pigeons

- see Birds*

Pigments

- see also Dyes*
- Paints*

Pigs

- see Swine*

Piles

- see Exponential Piles*
- ORSORT Exponential Pile*
- Reactors*
- Sigma Piles*

Pinacol

Pinch Devices

- see also Perhapsatron*

- x Triax

ZETA

- xx Thernonuclear Reactors

Pinch Effect

- xx Plasma

2(10)-Pinene

Pinky Pile

- see Sigma Piles*

Pins

- see Reactor Fuel Pins*

Pions

- see Mesons (π)*

Pipe Fittings

- x Fittings

Pipe Joints

- see also Disconnects*

Gaskets

- x Packing

- xx Flanges

Gaskets

Joints

Piperazine

- x Diethylenediamine

Piperidine

- x Pyridine, Hexahydro-

Piperidine, 1-Methyl-4-Phenyl-4-Carbethoxy-

- see Isonipecotic Acid, 1-Methyl-4-Phenyl-*

Pipes

(Generally thick walled, large diameter)

- see also Tubes*

- x Ducts

Water Pipes

- xx Porcelain

Tubes

Pipettes

PIPPA Reactors

- see Calder Hall Reactors*

Piqua Power Reactor

- xx Organic Moderated Reactors
- Power Reactors

Piromen

Piston Engines

- see also Aircraft Engines*
- External Combustion Engines*
- Internal Combustion Engines*

- x Engines
- Reciprocating Engines
- xx Internal Combustion Engines

Pitch

- see Bituminous Materials*

Pitchblende Residues

- see Radium Cake*
- Uranium Leach Precipitates*
- Uranium Leach Residues*

Pitchblendes

- see also Uraninites*
- x Congo Ores
- South African Ores
- xx Radioactive Minerals
- Uraninites

Pitot Tubes

- Tubes

Pituitary Gland

- x Hypophysis
- xx Glands

Pituitary Hormones

- xx Hormones

PL-1 Reactors

- see Army Reactors (PL-1)*

PL-2 Reactors

- see Army Reactors (PL-2)*

Placental Tissues

- xx Tissues

Planchets

Planets

Plankton

- (Minute, free-floating water plants and animals)*

- see also Algae*

- xx Algae

Plant Cells

- x Cells
- Cells (Biology)
- Cells (Plant)

Plant Diseases

- xx Diseases

Plant Metabolism

- xx Metabolism

Plant Pathology

- xx Pathology

Plant Physiology

- xx Physiology

Plant Regulators

- see Auxins*

Plant Respiration

- xx Carbon Dioxides
- Respiration

Plant Toxicology

- xx Toxicology

Plants

- (Limited to general papers dealing with vegetation, see also main headings in the form Ferns, Leaves, Maize, Trees, and Botany For plants in the engineering sense see the main headings listed below)*
- see also Aircraft Power Plants*

Arco Chemical Plant
Electromagnetic Separation Plant
Gaseous Diffusion Plants
Naval Reactor Power Plants
Nuclear Power Plants
Power Plants
Radiochemical Processing Plants

- see also Steam Power Plants*
- Submarine Power Plants*
- Uranium Ore Processing Plants*
- x Vegetation

Plasma

- see also Blood Plasma*
- Electric Arcs*
- Lymph*
- Pinch Effect*

- xx Hydromagnetic Waves

Plasma Jets

Plasma Substitutes

- see Blood Plasma Substitutes*

Plasma Thermocouple

- see Thermionic Cells*

Plaster Castings

- xx Castings

Plaster of Paris

- see Gypsum Products*

Plasters

- see also Gypsum Products*

Plastic Coatings

- xx Coatings

Plastic Deformation

- see also Creep*
- Ductility*
- Plastic Flow*

- x Deformation

Plastic-Film Detectors

- x Detectors
- Film Detectors
- Foil Detectors
- xx Metal-Foil Detectors
- Radiation Detectors

Plastic Films

- xx Films

Plastic Flow

- see also Fluid Flow*
- x Flow
- xx Fluid Flow
- Plastic Deformation

Plastic Fuel Tapes

- see Reactor Fuel Tapes*

Plastic Polymer

- see Ethylene Chlorotrifluoro Polymers*

Plasticity

Plasticizers

Plastics

- (See also specific compounds used as plastics)*

- see also Ethylene Polymers*

Laminates
Loaded Plastics
Styrene Polymers

- x Lucite
- Vistanex
- xx Butadiene Polymers
- Molding Materials
- Resins
- Rubber

Platelets

- see Blood Platelets*

Plates

- see also Armor Plate*
- Reactor Fuel Plates*

- x Geometry
- Metal Plates
- xx Mechanics
- Sheets
- Structural Panels

Plates (Perforated)

- x Perforated Plates

Platinates

see also Bromoplatinates
Chloroplatinates
Fluoplatinates
Iodoplatinates

Plating

see also Coatings
Diffusion Coatings
Dip Coatings
Electrochemical Analysis
Electrochemistry
Electroplating
Metal Spraying
xx Electroplating
Metal Coatings

Platinum

see also Platinum Metals

Platinum (Liquid)**Platinum Alloys**

Platinum-Aluminum Alloys
see Aluminum-Platinum Alloys
Platinum-Beryllium Alloys
see Beryllium-Platinum Alloys
Platinum-Bismuth Alloys
see Bismuth-Platinum Alloys
Platinum-Boron Systems
see Boron-Platinum Systems

Platinum Bromides**Platinum Carbides**

Platinum-Carbon Systems
see Carbon-Platinum Systems

Platinum Catalysts

xx Catalysts
Platinum-Cerium Alloys
see Cerium-Platinum Alloys

Platinum Chlorides

Platinum-Chromium Alloys
see Chromium-Platinum Alloys

Platinum Coatings

xx Coatings
Platinum-Cobalt Alloys
see Cobalt-Platinum Alloys

Platinum Compacts**Platinum Complexes****Platinum Compounds**

Platinum-Copper Alloys
see Copper-Platinum Alloys
Platinum-Dysprosium Alloys
see Dysprosium-Platinum Alloys

Platinum Electrodes

xx Electrodes

Platinum Films

xx Films

Platinum Fluorides

Platinum-Gadolinium Alloys
see Gadolinium-Platinum Alloys

Platinum-Gallium Alloys

see Gallium-Platinum Alloys

Platinum-Germanium Alloys

see Germanium-Platinum Alloys

Platinum-Gold Alloys

see Gold-Platinum Alloys

Platinum-Gold-Nickel Alloys

see Gold-Nickel-Platinum Alloys

Platinum-Gold-Palladium Alloys

see Gold-Palladium-Platinum Alloys

Platinum-Hafnium Alloys

see Hafnium-Platinum Alloys

Platinum-Indium Alloys

see Indium-Platinum Alloys

Platinum-Iridium Alloys

see Iridium-Platinum Alloys

Platinum-Iron Alloys

see Iron-Platinum Alloys

Platinum-Iron-Nickel-Tungsten Alloys

see Iron-Nickel-Platinum-Tungsten Alloys

Platinum Isotopes

Platinum Isotopes Pt184
Platinum Isotopes Pt185
Platinum Isotopes Pt186
Platinum Isotopes Pt187
Platinum Isotopes Pt188
Platinum Isotopes Pt189
Platinum Isotopes Pt190
Platinum Isotopes Pt191
Platinum Isotopes Pt192
Platinum Isotopes Pt193
Platinum Isotopes Pt194
Platinum Isotopes Pt195
Platinum Isotopes Pt196
Platinum Isotopes Pt197
Platinum Isotopes Pt198
Platinum Isotopes Pt199
Platinum Isotopes Pt200

Platinum-Lanthanum Alloys

see Lanthanum-Platinum Alloys

Platinum-Manganese Alloys

see Manganese-Platinum Alloys

Platinum Metal Oxides

(*See also* oxides of the specific platinum metals, e.g., Osmium Oxides, Palladium Oxides, and Ruthenium Oxides)

Platinum Metal-Uranium Alloys**Platinum Metals**

(*See also* specific platinum metals, e.g., Osmium)

xx Elements

Metals

Platinum-Molybdenum-Uranium Alloys

see Molybdenum-Platinum-Uranium Alloys

Platinum-Neodymium Alloys

see Neodymium-Platinum Alloys

Platinum-Nickel Alloys

see Nickel-Platinum Alloys

Platinum-Niobium Alloys

see Niobium-Platinum Alloys

Platinum-Niobium-Uranium Alloys

see Niobium-Platinum-Uranium Alloys

Platinum-Niobium-Zirconium Alloys

see Niobium-Platinum-Zirconium Alloys

Platinum-Osmium Alloys

see Osmium-Platinum Alloys

Platinum Oxides**Platinum-Oxygen-Titanium Systems**

see Oxygen-Platinum-Titanium Systems

Platinum-Oxygen-Zirconium Systems

see Oxygen-Platinum-Zirconium Systems

Platinum-Palladium Alloys

see Palladium-Platinum Alloys

Platinum-Platinum-Rhodium Alloy Couples**Platinum-Plutonium Alloys****Platinum-Polonium Alloys****Platinum-Praseodymium Alloys****Platinum-Rhenium-Rhodium Alloys****Platinum-Rhodium Alloy-Platinum Couples**

see Platinum-Platinum-Rhodium Alloy Couples

Platinum-Rhodium Alloys**Platinum-Rhodium-Tungsten Alloys****Platinum-Ruthenium Alloys****Platinum-Silicon Systems****Platinum-Silver Alloys****Platinum Sulfides****Platinum Tellurides**

xx Tellurides

Platinum-Thorium Alloys**Platinum-Tin Alloys****Platinum-Titanium Alloys**

Platinum–Titanium Couples**Platinum–Titanium–Uranium Alloys****Platinum–Uranium Alloys****Platinum–Uranium Couples****Platinum–Vanadium Alloys****Platinum–Yttrium Alloys****Platinum–Zirconium Alloys****Platinum–Zirconium Couples****Pleurisy****Plexiglas**

see Methacrylic Acid, Methyl Ester Polymers

Plowboy Project

xx Plowshare Project

Plowshare Project

see also Plowboy Project

x Scooter Project

Plum Brook Reactor

see NASA Research Reactor

Plumbates

see Lead Compounds

Sodium Plumbates

Plumbbob Operation

see also Rainier Burst

x Operations

Plurad

see Radiation Detection Instruments (Ion Current Type)

Pluto (Radiation Instrument)

see Radiation Detection Instruments (Ion Current Type)

PLUTO Reactor

see DIDO Reactors

Plutonates

see also Barium Plutonates

Plutonium

see also Actinides

xx Actinides

Transuranic Elements

Plutonium (Liquid)**Plutonium Acetylacetonates**

xx Acetylacetonates

Plutonium Alcoholates

xx Alcoholates

Plutonium Alloys**Plutonium Aluminates**

xx Aluminates

Plutonium–Aluminum Alloys

see Aluminum–Plutonium Alloys

Plutonium–Aluminum Alloys (Al Clad)

see Aluminum–Plutonium Alloys (Al Clad)

Plutonium–Aluminum Alloys (Clad)

see Aluminum–Plutonium Alloys (Clad)

Plutonium–Aluminum–Nickel Alloys

see Aluminum–Nickel–Plutonium Alloys

Plutonium–Aluminum–Silicon Systems

see Aluminum–Plutonium–Silicon Systems

Plutonium–Aluminum–Silicon Systems (Clad)

see Aluminum–Plutonium–Silicon Systems (Clad)

Plutonium Ammonium Chlorides, Bis(Alkyl-

see Ammonium Plutonium Chlorides, Bis(Alkyl-

Plutonium(IV) Ammonium Fluorides

see Ammonium Plutonium(IV) Fluorides

Plutonium Ammonium Oxalates

see Ammonium Plutonium Oxalates

Plutonium Ammonium Oxycarbonates

see Ammonium Plutonium Oxycarbonates

Plutonium(III) Ammonium Sulfates

see Ammonium Plutonium(III) Sulfates

Plutonium(IV) Ammonium Sulfates

see Ammonium Plutonium(IV) Sulfates

Plutonium–Antimony Alloys

see Antimony–Plutonium Alloys

Plutonium Arsenates

xx Arsenates

Plutonium Arsenides

xx Arsenides

Plutonium Arsonates

see also Plutonium Phenylarsonates

xx Arsonates

Plutonium–Beryllium Alloys

see Beryllium–Plutonium Alloys

Plutonium–Bismuth Alloys

see Bismuth–Plutonium Alloys

Plutonium–Bismuth–Lead Alloys

see Bismuth–Lead–Plutonium Alloys

Plutonium–Bismuth–Tin Alloys

see Bismuth–Plutonium–Tin Alloys

Plutonium Borides**Plutonium Borohydrides**

xx Borohydrides

Plutonium Bromides**Plutonium Butyl Phosphates**

xx Phosphates

Plutonium Phosphates

Plutonium–Cadmium Alloys

see Cadmium–Plutonium Alloys

Plutonium(IV) Calcium Fluorides

see Calcium Plutonium(IV) Fluorides

Plutonium Carbide–Uranium Carbide Systems**Plutonium Carbides****Plutonium–Carbon Systems**

see Carbon–Plutonium Systems

Plutonium–Carbon–Uranium Systems

see Carbon–Plutonium–Uranium Systems

Plutonium Carbonates**Plutonium–Cerium Alloys**

see Cerium–Plutonium Alloys

Plutonium–Cerium–Cobalt Alloys

see Cerium–Cobalt–Plutonium Alloys

Plutonium–Cerium–Copper Alloys

see Cerium–Copper–Plutonium Alloys

Plutonium–Cerium–Iron Alloys

see Cerium–Iron–Plutonium Alloys

Plutonium–Cerium–Nickel Alloys

see Cerium–Nickel–Plutonium Alloys

Plutonium Cesium Chlorides

see Cesium Plutonium Chlorides

Plutonium Cesium Sulfates

see Cesium Plutonium Sulfates

Plutonium Chelates**Plutonium Chloride–Barium Chloride Systems**

see Barium Chloride–Plutonium Chloride Systems

Plutonium Chloride–Calcium Chloride Systems

see Calcium Chloride–Plutonium Chloride Systems

Plutonium Chloride–Cesium Chloride Systems

see Cesium Chloride–Plutonium Chloride Systems

Plutonium Chloride–Lithium Chloride Systems

see Lithium Chloride–Plutonium Chloride Systems

Plutonium Chloride–Magnesium Chloride Systems

see Magnesium Chloride–Plutonium Chloride Systems

Plutonium Chloride–Potassium Chloride Systems**Plutonium Chloride–Rubidium Chloride Systems****Plutonium Chloride–Sodium Chloride Systems****Plutonium Chloride–Strontium Chloride Systems****Plutonium Chlorides**

see also Ammonium Plutonium Chlorides, Bis(Alkyl-

Cesium Plutonium Chlorides

Potassium Plutonium Chlorides

Plutonium(III) Chlorides**Plutonium Chromates**

xx Chromates

Plutonium–Chromium Alloys

see Chromium–Plutonium Alloys

Plutonium–Cobalt Alloys

see Cobalt–Plutonium Alloys

Plutonium–Cobalt–Iron–Nickel Alloys

see Cobalt–Iron–Nickel–Plutonium Alloys

Plutonium-Cobalt-Uranium Alloys

see Cobalt-Plutonium-Uranium Alloys

Plutonium Complexes

Plutonium Compounds

Plutonium-Copper Alloys

see Copper-Plutonium Alloys

Plutonium-Copper-Uranium Alloys

see Copper-Plutonium-Uranium Alloys

Plutonium Deuterides

Plutonium Ferrocyanides

xx Cyanides

Iron Cyanides

Plutonium Films

xx Films

Plutonium Fires

xx Fires

Plutonium Fluoride-Beryllium Fluoride-Lithium Fluoride Systems

see Beryllium Fluoride-Lithium Fluoride-Plutonium Fluoride Systems

Plutonium Fluoride-Beryllium Fluoride-Sodium Fluoride Systems

see Beryllium Fluoride-Plutonium Fluoride-Sodium Fluoride Systems

Plutonium Fluoride-Lithium Fluoride Systems

see Lithium Fluoride-Plutonium Fluoride Systems

Plutonium Fluoride-Sodium Fluoride Systems

Plutonium Fluoride-Thorium Fluoride Systems

Plutonium Fluoride-Tin Fluoride Systems

Plutonium Fluorides

see also Ammonium Plutonium(IV) Fluorides

Calcium Plutonium(IV) Fluorides

Plutonium(III) Fluorides

Plutonium(IV) Fluorides

Plutonium(VI) Fluorides

Plutonium Foils

Plutonium-Gallium Alloys

see Gallium-Plutonium Alloys

Plutonium-Germanium Alloys

see Germanium-Plutonium Alloys

Plutonium-Gold Alloys

see Gold-Plutonium Alloys

Plutonium-Gold-Uranium Alloys

see Gold-Plutonium-Uranium Alloys

Plutonium-Graphite Systems

see Graphite-Plutonium Systems

Plutonium-Hafnium Alloys

see Hafnium-Plutonium Alloys

Plutonium Halides

Plutonium Hydrides

Plutonium Hydroxides

Plutonium-Indium Alloys

see Indium-Plutonium Alloys

Plutonium Iodides

Plutonium Iodates

Plutonium Ions

Plutonium(III) Ions

Plutonium(III) Ions

Plutonium(IV) Ions

Plutonium(V) Ions

Plutonium(VI) Ions

see also Plutonyl Ions

Plutonium-Iridium Alloys

see Iridium-Plutonium Alloys

Plutonium-Iron Alloys

see Iron-Plutonium Alloys

Plutonium-Iron-Uranium Alloys

see Iron-Plutonium-Uranium Alloys

Plutonium Isotopes

Plutonium Isotopes Pu²³²Plutonium Isotopes Pu²³³Plutonium Isotopes Pu²³⁴Plutonium Isotopes Pu²³⁵Plutonium Isotopes Pu²³⁶Plutonium Isotopes Pu²³⁷Plutonium Isotopes Pu²³⁸Plutonium Isotopes Pu²³⁹Plutonium Isotopes Pu²⁴⁰Plutonium Isotopes Pu²⁴¹Plutonium Isotopes Pu²⁴²Plutonium Isotopes Pu²⁴³Plutonium Isotopes Pu²⁴⁴Plutonium Isotopes Pu²⁴⁵Plutonium Isotopes Pu²⁴⁶

Plutonium-Lanthanum Alloys

see Lanthanum-Plutonium Alloys

Plutonium Lanthanum Trichloroacetates

see Lanthanum Plutonium Trichloroacetates

Plutonium-Lead Alloys

see Lead-Plutonium Alloys

Plutonium-Lutetium Alloys

see Lutetium-Plutonium Alloys

Plutonium-Magnesium Alloys

see Magnesium-Plutonium Alloys

Plutonium-Magnesium-Rare Earth-Uranium Alloys

see Magnesium-Plutonium-Rare Earth-Uranium Alloys

Plutonium-Magnesium-Uranium Alloys

see Magnesium-Plutonium-Uranium Alloys

Plutonium Manganates

xx Manganates

Plutonium-Manganese Alloys

see Manganese-Plutonium Alloys

Plutonium-Manganese-Uranium Alloys

see Manganese-Plutonium-Uranium Alloys

Plutonium-Mercury Alloys

see Mercury-Plutonium Alloys

Plutonium-Molybdenum Alloys

see Molybdenum-Plutonium Alloys

Plutonium-Molybdenum-Uranium Alloys

see Molybdenum-Plutonium-Uranium Alloys

Plutonium-Neptunium Alloys

see Neptunium-Plutonium Alloys

Plutonium-Nickel Alloys

see Nickel-Plutonium Alloys

Plutonium-Nickel-Uranium Alloys

see Nickel-Plutonium-Uranium Alloys

Plutonium-Niobium Alloys

see Niobium-Plutonium Alloys

Plutonium-Niobium-Silicon Systems

see Niobium-Plutonium-Silicon Systems

Plutonium-Niobium-Uranium Alloys

see Niobium-Plutonium-Uranium Alloys

Plutonium-Niobium-Uranium-Zirconium Alloys

see Niobium-Plutonium-Uranium-Zirconium Alloys

Plutonium-Niobium-Zirconium Alloys

see Niobium-Plutonium-Zirconium Alloys

Plutonium Nitrate-Nitric Acid-2-Pentanone, 4-Methyl- Systems

see Nitric Acid-2-Pentanone, 4-Methyl-Plutonium Nitrate Systems

Plutonium Nitrate-Nitric Acid Systems

see Nitric Acid-Plutonium Nitrate Systems

Plutonium Nitrates

Plutonium(III) Nitrates

Plutonium(IV) Nitrates

Plutonium(VI) Nitrates

see also Plutonyl Nitrates

Plutonium Nitrides

Plutonium-Osmium Alloys

see Osmium-Plutonium Alloys

Plutonium Oxalates

see also Ammonium Plutonium Oxalates

Potassium Plutonium Oxalates

Sodium Plutonium Oxalates

xx Oxalates

Plutonium(III) Oxalates

Plutonium(IV) Oxalates

Plutonium Oxide–Aluminum Systems

see Aluminum–Plutonium Oxide Systems

Plutonium Oxide–Cerium Oxide Systems

see Cerium Oxide–Plutonium Oxide Systems

Plutonium Oxide Films

xx Oxide Films

Plutonium Oxide–Graphite Systems

see Graphite–Plutonium Oxide Systems

Plutonium Oxide–Iron Systems

see Iron–Plutonium Oxide Systems

Plutonium Oxide–Magnesium Oxide Systems

see Magnesium Oxide–Plutonium Oxide Systems

Plutonium Oxide–Magnesium Systems

see Magnesium–Plutonium Oxide Systems

Plutonium Oxide–Molybdenum Systems

see Molybdenum–Plutonium Oxide Systems

Plutonium Oxide–Thorium Oxide Systems

Plutonium Oxide–Thorium Systems

Plutonium Oxide–Uranium Oxide Systems

Plutonium Oxide–Uranium Systems

Plutonium Oxide–Uranium–Uranium Oxide Systems

Plutonium Oxide–Water Systems

Plutonium Oxide–Zirconium Oxide Systems

Plutonium Oxide–Zirconium Systems

Plutonium Oxides

see also Plutonium Peroxides

Plutonium(III) Oxides

Plutonium(IV) Oxides

Plutonium Oxycarbonates

see also Ammonium Plutonium Oxycarbonates

Plutonyl Carbonates

Potassium Plutonium Oxycarbonates

xx Oxycarbonates

Plutonium Oxychlorides

see also Plutonyl Chlorides

xx Oxychlorides

Plutonium(VI) Oxychlorides

see Plutonyl Chlorides

Plutonium(VI) Oxyfluorides

see Plutonyl Fluorides

Plutonium Oxyhalides

xx Oxyhalides

Plutonium Oxsulfides

xx Oxsulfides

Plutonium Sulfides

Plutonium–Palladium Alloys

see Palladium–Plutonium Alloys

Plutonium Perchlorates

xx Perchlorates

Plutonium Peroxide–Ammonium Sulfite Systems

see Ammonium Sulfite–Plutonium Peroxide Systems

Plutonium Peroxides

xx Peroxides

Plutonium Oxides

Plutonium Phenylarsonates

xx Arsonates

Plutonium Arsonates

Plutonium Phosphates

see also Plutonium Butyl Phosphates

Plutonium Phosphides

xx Phosphides

Plutonium–Platinum Alloys

see Platinum–Plutonium Alloys

Plutonium Poisoning

xx Poisoning

Plutonium Potassium Chlorides

see Potassium Plutonium Chlorides

Plutonium Potassium Oxalates

see Potassium Plutonium Oxalates

Plutonium Potassium Oxycarbonates

see Potassium Plutonium Oxycarbonates

Plutonium Potassium Sulfates

see Potassium Plutonium Sulfates

Plutonium Powders

xx Powders

Plutonium Power Breeder Reactor

see KAPL Plutonium Power Breeder Reactor

Plutonium Production Reactors

see Production Reactors

Plutonium Project

Plutonium Recycle Reactor Experiment

see Plutonium Recycle Test Reactor

Plutonium Recycle Test Reactor

x PRP Reactor

PURRE Reactor

xx Heavy Water Reactors

Power Reactors

Production Reactors

Research Reactors

Plutonium–Rhenium Alloys

Plutonium–Rhodium Alloys

Plutonium Rubidium Sulfates

see Rubidium Plutonium Sulfates

Plutonium–Ruthenium Alloys

Plutonium Salicylates

x Salicylic Acid, Plutonium Salts

Plutonium–Scandium Alloys

Plutonium Selenides

xx Selenides

Plutonium Silicides

xx Silicides

Plutonium–Silicon Systems

Plutonium–Silver Alloys

Plutonium–Silver–Uranium Alloys

Plutonium Sodium Oxalates

see Sodium Plutonium Oxalates

Plutonium Sodium Sulfates

see Sodium Plutonium Sulfates

Plutonium Sulfate Complexes

xx Sulfate Complexes

Plutonium Sulfates

see also Ammonium Plutonium(III) Sulfates

Ammonium Plutonium Sulfates

Cesium Plutonium Sulfates

Potassium Plutonium Sulfates

Rubidium Plutonium Sulfates

Sodium Plutonium Sulfates

Plutonium Sulfides

see also Plutonium Oxsulfides

Plutonium Systems

xx Plutonium Hydrides

Plutonium Tellurides

xx Tellurides

Plutonium–Thorium Alloys

Plutonium–Thorium–Zirconium Alloys

Plutonium–Thulium Alloys

Plutonium–Tin Alloys

Plutonium–Titanium Alloys

Plutonium–Titanium–Uranium Alloys

Plutonium Trichloroacetates

see also Lanthanum Plutonium Trichloroacetates

Plutonium–Tungsten Alloys

Plutonium–Uranium Alloys

Plutonium–Uranium–Zinc Alloys

Plutonium–Uranium–Zirconium Alloys

Plutonium–Uranyl Sulfate Systems

Plutonium Vanadates

xx Vanadates

Plutonium–Vanadium Alloys

Plutonium–Water Systems

Plutonium–Zinc Alloys

Plutonium–Zirconium Alloys

Plutonyl Acetates

see also Sodium Plutonyl Acetates

(Continued)

xx Acetates
 Plutonyl Ammonium Carbonates
see Ammonium Plutonyl Carbonates
 Plutonyl Ammonium Chlorides, Bis(Alkyl-
see Ammonium Plutonyl Chlorides, Bis(Alkyl-
 Plutonyl Ammonium Oxalates
see Ammonium Plutonyl Oxalates
Plutonyl Carbonates
see also Ammonium Plutonyl Carbonates
Plutonyl Chlorates
 xx Chlorates
Plutonyl Chlorides
see also Ammonium Plutonyl Chlorides, Bis(Alkyl-
 x Plutonium(VI) Oxychlorides
 xx Chlorides
 Plutonium Oxychlorides
Plutonyl Fluorides
 x Plutonium(VI) Oxyfluorides
 xx Fluorides
Plutonyl Ions
 xx Plutonium(VI) Ions
Plutonyl Nitrates
 xx Nitrates
Plutonyl Oxalates
see also Ammonium Plutonyl Oxalates
 Plutonyl Sodium Acetates
see Sodium Plutonyl Acetates
Plutonyl Sulfates
Plywood
 xx Wood
Plywood (Metal Clad)
 x Metal-clad Plywood
PM-1 Reactors
see Army Reactors (PM-1)
PM-2 Reactors
see Army Reactors (PM-2)
PM-3 Reactors
see Army Reactors (PM-3)
 Pneumatic Pulse Generators
see Pulse Generators (Pneumatics)
Pneumatic Systems
Pneumococci
 xx Bacteria
Pneumotachographs
 xx Respiration
Pocket Chambers
see also Ionization Chambers
 x Personnel Meters
 xx Radiation Detectors
 Poison Columns
see Reactor Control Rods
Poisoning
see also Beryllium Poisoning
 Boron Hydride Poisoning
 Lead Poisoning
 Oxygen Poisoning
 Plutonium Poisoning
 Radium Poisoning
 Selenium Poisoning
 Uranium Poisoning
 Polarimeters
see Polariscopes
Polariscopes
 x Polarimeters
Polariscopy
 Polarographic Analysis
see Polarography
Polarographs
Polarography
 x Polarographic Analysis
 xx Electrochemical Analysis
Polarons

(An electron in an ionic crystal which moves with its accompanying distortion of the lattice. It has an effective mass greater than the electron.)
see also Electrons
Polio myelitis
Polishing
see also Cleaning
 Electrolytic Polishing
 xx Abrasion
 Cleaning
Pollen
Polonates
see also Bromopolonates
 Chloropolonates
Polonides
see Polonium Alloys
Polonium
Polonium Acetylacetonates
 xx Acetylacetonates
Polonium Alkyls
Polonium Alloys
 x Polonides
 Polonium-Barium Alloys
see Barium-Polonium Alloys
 Polonium-Beryllium Alloys
see Beryllium-Polonium Alloys
 Polonium-Bismuth Alloys
see Bismuth-Polonium Alloys
Polonium Bromides
 Polonium-Cadmium Alloys
see Cadmium-Polonium Alloys
 Polonium-Calcium Alloys
see Calcium-Polonium Alloys
Polonium Camphorates
 xx Camphorates
Polonium Chlorides
Polonium Coatings
Polonium Complexes
Polonium Compounds
 Polonium Derivatives
see Dithizone, Polonium Derivatives
Polonium Films
 xx Films
Polonium Fluorides
Polonium Gallates
 xx Gallates
Polonium Hydrides
Polonium Hydroxides
Polonium Iodides
Polonium Ions
Polonium Isotopes
 Polonium Isotopes Po¹⁹⁸
 Polonium Isotopes Po¹⁹⁹
 Polonium Isotopes Po²⁰⁰
 Polonium Isotopes Po²⁰¹
 Polonium Isotopes Po²⁰²
 Polonium Isotopes Po²⁰³
 Polonium Isotopes Po²⁰⁴
 Polonium Isotopes Po²⁰⁵
 Polonium Isotopes Po²⁰⁶
 Polonium Isotopes Po²⁰⁷
 Polonium Isotopes Po²⁰⁸
 Polonium Isotopes Po²⁰⁹
 Polonium Isotopes Po²¹⁰
 x Radium Isotopes (RaF)
 Polonium Isotopes Po²¹¹
 x Actinium Isotopes (AcC)
 Polonium Isotopes Po²¹²
 x Thorium Isotopes (ThC)
 Polonium Isotopes Po²¹³
 Polonium Isotopes Po²¹⁴
 x Radium Isotopes (RaC')

Polonium Isotopes Po215

x Actinium Isotopes (AcA)

Polonium Isotopes Po216

x Thorium Isotopes (ThA)

Polonium Isotopes Po217**Polonium Isotopes Po218**

x Radium Isotopes (RaA)

Polonium-Lead Alloys*see Lead-Polonium Alloys***Polonium-Magnesium Alloys***see Magnesium-Polonium Alloys***Polonium-Mercury Alloys***see Mercury-Polonium Alloys***Polonium-Nickel Alloys***see Nickel-Polonium Alloys***Polonium Nitrates****Polonium Oxides****Polonium(IV) Oxides****Polonium Oxychlorides**

xx Oxychlorides

Polonium Oxysulfides

xx Oxysulfides

Polonium Sulfides

Polonium-Platinum Alloys*see Platinum-Polonium Alloys***Polonium-Silver Alloys****Polonium-Sodium Alloys****Polonium Sources***(See sources by type of radiation emitted, e.g., Alpha Sources.)***Polonium-Strontium Alloys****Polonium Sulfides***see also Polonium Oxysulfides***Polonium Systems****Polonium Tartrates**

xx Tartrates

Polonium-Zinc Alloys**Polycrases****Polycrystals***(See also specific polycrystals)**see also Bi-Crystals*

xx Crystals

Polycythemia

xx Blood Diseases

Polyenes**Polyenes, Diphenyl-****Polymerization***see also Heat of Polymerization***Polymers***see also Acetic Acid, Vinyl Ester Polymers**Acrylic Acid, Alkyl Ester Polymers**Acrylic Acid, Ethyl Ester Polymers**Acrylic Acid, Methyl Ester Polymers**Acrylic Acid Polymers**Acrylonitrile Polymers**Amide Polymers**Benzylidene Polymers**Boron Polymers**Butadiene, Chloro- Polymers**Butadiene Polymers**Butene Polymers**3-Buten-2-one, 3-Methyl Polymers**Ethylene, Chloro- Polymers**Ethylene, Chlorotrifluoro- Polymers**Ethylene, Dichloro- Polymers**Ethylene, Difluoro- Polymers**Ethylene Glycol Polymer Ethers**Ethylene, Hydrofluoro- Polymers**Ethylene Polymers**Ethylene, Tetrafluoro- Polymers**Fluorocarbon Polymers**Fluorohalocarbon Polymers**Fluorohydrocarbon Polymers**see also Fluoroorganic Polymers**Formaldehyde Polymers**Glycine Polymers**Halocarbon Polymers**Hydrocarbon Polymers**Ketene Polymers**Methacrylamide Polymers**Methacrylic Acid, Cyclohexyl Ester Polymers**Methacrylic Acid, Docosyl Ester Polymers**Methacrylic Acid, Ethyl Ester Polymers**Methacrylic Acid, Methyl Ester Polymers**Methacrylic Acid Polymers**Naphthalene, Vinyl- Polymers**Propene, 2-Methyl- Polymers**Propene Polymers**Pyrrolidone, Vinyl- Polymers**Selenoorganic Polymers**Silicone Polymers**Stearic Acid, Vinyl Ester Polymers**Styrene Polymers**Terephthalic Acid, Ethylene Polymer Esters**Thioorganic Polymers**Thiophosphonitrilic Polymers**Toluene, Vinyl- Polymers**Urethan Polymers**Vinyl Alcohol Polymers**Xylene Polymers***Polyphenyl Ethers**

xx Ethers

Polyphenyls*see also Biphenyl**Biphenyl, Isopropyl-**Bitolyls**Quaterphenyl**Sextiphenyl**Terphenyl***Polyphosphates**

x Ammonium Polyphosphates, Tetramethyl-

xx Phosphates

Polysaccharides*see also Cellulose**Glycogen**Inulin**Starches*

x Saccharides

Polystyrene*see Styrene Polymers***Polythene***see Ethylene Polymers***Polyynes****Ponds***see Surface Waters***Pool Test Reactor (PTR)***see Swimming Pool Reactors***Poppy Amplifier***see Rate Meters***POPR***see Prototype Organic Power Reactor***Popsy***see Critical Assemblies***Populations***see also Genetics**Statistics***Porcelain***(See also as products, e.g., Pipes)***Porcelain Enamels***(A glassy composition fused to metal or another enamel)**see also Glazes*

x Ceramic Enamels

Enamels

Glass Coatings

Glass Enamels

(Continued)

Vitreous Enamels
 xx Ceramic Coatings
 Glazes

Pores

Porosity
see also Permeability
 xx Permeability

Porous Materials
(See also more specific entries, e g , Barriers, Graphite, Porous Metals, and Uranium Oxide Compacts)

Porous Metals
(See also specific metal compacts, e g , Copper Compacts)
see also Metal Compacts
 xx Metals
 Porous Materials

Porphines

Porphyrin Complexes

Porphyrins

Portable Gas Cooled Reactor
see Army Reactors (ML-1)

Portland Cements
see also Hydraulic Cements
 xx Cements
 Hydraulic Cements

Ports
see Harbors

Positron Beams
 x Beams

Positron Spectra
 xx Spectra

Positronium
see also Electron Pairs

Positronium Compounds

Positrons
see also Electron Pairs
 Electrons
 xx Beta Particles
 Electrons

Potash
see also Potassium Carbonates
 Potassium Hydroxides
 Potassium Oxides

Potassium
see also Alkali Metals
 xx Alkali Metals

Potassium (Colloidal)

Potassium (Liquid)

Potassium Acetates
 xx Acetates

Potassium Acid Arsenates
 xx Arsenates

Potassium Acid Carbonates
 x Acid Carbonates

Potassium Acid Fluoride–Thorium Fluoride Systems

Potassium Acid Fluoride–Uranium(IV) Fluoride Systems

Potassium Acid Fluorides
 x Acid Fluorides
 xx Fluorides
 Potassium Fluorides

Potassium Acid Sulfate–Sodium Acid Sulfate Systems

Potassium Alcoholates
 xx Alcoholates

Potassium Alloys
 Potassium–Aluminum Alloys
see Aluminum–Potassium Alloys

Potassium Americium(IV) Fluorides
 xx Americium(IV) Fluorides

Potassium Americium Oxyarbonates
 xx Americium Oxyarbonates

Potassium Americium Oxyfluorides
 xx Americium Oxyfluorides

Oxyfluorides

Potassium Amide

Potassium–Ammonia Systems
see Ammonia–Potassium Systems

Potassium Antimonates
 xx Antimonates

Potassium Azides
 xx Azides

Potassium Benzoates
see Benzoic Acid, Potassium Salts

Potassium–Bismuth Alloys
see Bismuth–Potassium Alloys

Potassium Borate–Potassium Fluoborate Systems

Potassium Borate–Water Systems

Potassium Borates
 xx Borates

Potassium Borohydride–Lithium Borohydride Systems
see Lithium Borohydride–Potassium Borohydride Systems

Potassium Borohydrides
 xx Borohydrides

Potassium Bromates
 xx Bromates

Potassium Bromide–Aluminum Bromide Systems
see Aluminum Bromide–Potassium Bromide Systems

Potassium Bromide Crystals
 xx Bromide Crystals

Potassium Bromide–Cadmium Chloride Systems
see Cadmium Chloride–Potassium Bromide Systems

Potassium Bromide–Lead Bromide Systems
see Lead Bromide–Potassium Bromide Systems

Potassium Bromide–Lithium Bromide Systems
see Lithium Bromide–Potassium Bromide Systems

Potassium Bromide–Potassium Chloride Systems

Potassium Bromide–Potassium Systems
see Potassium–Potassium Bromide Systems

Potassium Bromide–Silver Chloride Systems

Potassium Bromides

Potassium Bromoiodates
 xx Bromoiodates

Potassium Bromomercurates
 xx Bromomercurates

Potassium Bromoosmates
 xx Bromoosmates

Potassium Bromoplatinates
 xx Bromoplatinates

Potassium Bromorhenates
 x Bromorhenates
 xx Rhenates

Potassium Bromouranates
 xx Bromouranates

Potassium Carbides
 Potassium Carbonate–Hydrogen Peroxide–Uranyl Nitrate Systems
see Hydrogen Peroxide–Potassium Carbonate–Uranyl Nitrate Systems

Potassium Carbonate–Lithium Carbonate–Sodium Carbonate Systems
see Lithium Carbonate–Potassium Carbonate–Sodium Carbonate Systems

Potassium Carbonate–Lithium Carbonate Systems
see Lithium Carbonate–Potassium Carbonate Systems

Potassium Carbonate–Sodium Carbonate Systems

Potassium Carbonates
 xx Potash

Potassium Carbonyls
 xx Carbonyls

Potassium Cerium Sulfates
 xx Cerium Sulfates

Potassium Chlorates
 Potassium Chloride–Aluminum–Aluminum Chloride Systems
see Aluminum–Aluminum Chloride–Potassium Chloride Systems

Potassium Chloride–Aluminum–Aluminum Chloride–Uranium–Uranium Chloride Systems
see Aluminum–Aluminum Chloride–Potassium Chloride–Uranium–Uranium Chloride Systems

Potassium Chloride–Aluminum Chloride–Lithium Chloride–Sodium Chloride Systems

see Aluminum Chloride–Lithium Chloride–Potassium Chloride–Sodium Chloride Systems

Potassium Chloride–Aluminum Chloride Systems

see Aluminum Chloride–Potassium Chloride Systems

Potassium Chloride–Barium Chloride–Uranium(III) Chloride Systems

see Barium Chloride–Potassium Chloride–Uranium(III) Chloride Systems

Potassium Chloride–Cadmium Chloride Systems

see Cadmium Chloride–Potassium Chloride Systems

Potassium Chloride–Calcium Chloride–Cesium Chloride Systems

see Calcium Chloride–Cesium Chloride–Potassium Chloride Systems

Potassium Chloride–Calcium Chloride–Lithium Chloride Systems

see Calcium Chloride–Lithium Chloride–Potassium Chloride Systems

Potassium Chloride–Calcium Chloride–Rubidium Chloride Systems

see Calcium Chloride–Potassium Chloride–Rubidium Chloride Systems

Potassium Chloride–Calcium Chloride Systems

see Calcium Chloride–Potassium Chloride Systems

Potassium Chloride–Cerium Chloride–Magnesium Chloride Systems

see Cerium Chloride–Magnesium Chloride–Potassium Chloride Systems

Potassium Chloride–Cerium Chloride Systems

see Cerium Chloride–Potassium Chloride Systems

Potassium Chloride–Cesium Chloride Systems

see Cesium Chloride–Potassium Chloride Systems

Potassium Chloride–Copper Chloride Systems

see Copper Chloride–Potassium Chloride Systems

Potassium Chloride Crystals

xx Chloride Crystals

Potassium Chloride Films

xx Chloride Films

Potassium Chloride–Iron Chloride Systems

see Iron Chloride–Potassium Chloride Systems

Potassium Chloride–Lanthanum Chloride Systems

see Lanthanum Chloride–Potassium Chloride Systems

Potassium Chloride–Lead Chloride Systems

see Lead Chloride–Potassium Chloride Systems

Potassium Chloride–Lithium Chloride–Lithium Sulfate–Sodium Chloride Systems

see Lithium Chloride–Lithium Sulfate–Potassium Chloride–Sodium Chloride Systems

Potassium Chloride–Lithium Chloride–Magnesium Chloride Systems

see Lithium Chloride–Magnesium Chloride–Potassium Chloride Systems

Potassium Chloride–Lithium Chloride–Neodymium Chloride Systems

see Lithium Chloride–Neodymium Chloride–Potassium Chloride Systems

Potassium Chloride–Lithium Chloride–Nickel Chloride Systems

see Lithium Chloride–Nickel Chloride–Potassium Chloride Systems

Potassium Chloride–Lithium Chloride–Potassium Fluoborate Systems

see Lithium Chloride–Potassium Chloride–Potassium Fluoborate Systems

Potassium Chloride–Lithium Chloride Systems

see Lithium Chloride–Potassium Chloride Systems

Potassium Chloride–Lithium Chloride–Uranium(III) Chloride Systems

see Lithium Chloride–Potassium Chloride–Uranium(III) Chloride Systems

Potassium Chloride–Lithium Chloride–Uranium(IV) Chloride Systems

see Lithium Chloride–Potassium Chloride–Uranium(IV) Chloride Systems

Potassium Chloride–Lithium Chloride–Uranium(IV) Fluoride Systems

see Lithium Chloride–Potassium Chloride–Uranium(IV) Fluoride Systems

Potassium Chloride–Magnesium Chloride–Sodium Chloride Systems

see Magnesium Chloride–Potassium Chloride–Sodium Chloride Systems

Potassium Chloride–Magnesium Chloride Systems

see Magnesium Chloride–Potassium Chloride Systems

Potassium Chloride–Neodymium Chloride Systems

see Neodymium Chloride–Potassium Chloride Systems

Potassium Chloride–Plutonium Chloride Systems

see Plutonium Chloride–Potassium Chloride Systems

Potassium Chloride–Potassium Bromide Systems

see Potassium Bromide–Potassium Chloride Systems

Potassium Chloride–Potassium Hydroxide Systems**Potassium Chloride–Potassium Iodide Systems****Potassium Chloride–Potassium Nitrate–Silver Nitrate Systems****Potassium Chloride–Potassium Nitrate–Strontium Chloride–Strontium Nitrate Systems****Potassium Chloride–Potassium Systems**

see Potassium–Potassium Chloride Systems

Potassium Chloride–Rubidium Chloride Systems**Potassium Chloride–Silver Bromide Systems****Potassium Chloride–Sodium Chloride Systems****Potassium Chloride–Sodium Chloride–Zirconium Chloride Systems****Potassium Chloride–Titanium Chloride Systems****Potassium Chloride–Uranium(IV) Chloride Systems****Potassium Chloride–Zinc Chloride Systems****Potassium Chloride–Zirconium Chloride Systems****Potassium Chlorides****Potassium Chlorides (Liquid)****Potassium Chlorogallates**

xx Chlorogallates

Potassium Chloromercurates (II)

xx Chloromercurates

Potassium Chloromolybdates (III)

xx Chloromolybdates

Potassium Chlorosmates

xx Chlorosmates

Potassium Chloropalladates

xx Chloropalladates

Potassium Chloroplatinates

xx Chloroplatinates

Potassium Chloropolonates

xx Chloropolonates

Potassium Chlororhenates

xx Chlororhenates

Potassium Chlororuthenates

xx Chlororuthenates

Potassium Chlorouranates

xx Chlorouranates

Potassium Chromate–Lead Chromate Systems

see Lead Chromate–Potassium Chromate Systems

Potassium Chromates

xx Chromates

Potassium Complexes**Potassium Compounds****Potassium Copper Cyanides**

see Potassium Cyanocuprates(I)

Potassium Copper Sulfates

xx Copper Sulfates

Potassium Sulfates

Potassium Cyanide–Thallium Cyanide Systems**Potassium Cyanides**

xx Cyanides

Potassium Cyanoargentates (I)

xx Cyanoargentates

Potassium Cyanoaurates (I)

xx Aurates

Cyanoaurates

Potassium Cyanochromates (III)

xx Chromates

Cyanochromates

Potassium Cyanocobaltates (III)

xx Cyanocobaltates

Potassium Cyanocuprates (I)

x Potassium Copper Cyanides

xx Cuprates

Cyanocuprates

Potassium Cyanomolybdates (IV)

xx Cyanomolybdates

Potassium Cyanopalladates (II)

xx Cyanopalladates

Potassium Deuterides**Potassium Ferrates(VI)**

xx Ferrates

Potassium Ferricyanides

xx Iron Cyanides

Potassium Ferrocyanoide

xx Iron Cyanides

Potassium Films**Potassium Fluoantimonates**

xx Fluoantimonates

Potassium Fluoberyllates

xx Fluoberyllates

Potassium Fluoborate–Lithium Chloride–Potassium Chloride Systems*see Lithium Chloride–Potassium Chloride–Potassium Fluoborate Systems***Potassium Fluoborate–Potassium Borate Systems***see Potassium Borate–Potassium Fluoborate Systems***Potassium Fluoborate–Sodium Fluoborate Systems****Potassium Fluoborates**xx Borates
Fluoborates**Potassium Fluochromates**xx Chromates
Fluochromates**Potassium Fluomolybdates**xx Fluomolybdates
Molybdates**Potassium Fluonickelates**xx Fluonickelates
Potassium Nickel Fluorides**Potassium Fluoniobates**xx Fluoniobates
Potassium Niobium Fluorides**Potassium Fluophosphates**xx Fluophosphates
Potassium Phosphates**Potassium Fluoride–Antimony Fluoride–Bromine Fluoride Systems***see Antimony Fluoride–Bromine Fluoride–Potassium Fluoride Systems***Potassium Fluoride–Beryllium Fluoride–Lanthanum Fluoride Systems***see Beryllium Fluoride–Lanthanum Fluoride–Potassium Fluoride Systems***Potassium Fluoride–Beryllium Fluoride–Sodium Fluoride Systems***see Beryllium Fluoride–Potassium Fluoride–Sodium Fluoride Systems***Potassium Fluoride–Beryllium Fluoride Systems***see Beryllium Fluoride–Potassium Fluoride Systems***Potassium Fluoride–Bromine Fluoride Systems***see Bromine Fluoride–Potassium Fluoride Systems***Potassium Fluoride–Calcium Fluoride–Lithium Fluoride–Sodium Fluoride Systems***see Calcium Fluoride–Lithium Fluoride–Potassium Fluoride–Sodium Fluoride Systems***Potassium Fluoride–Cesium Fluoride–Hydrofluoric Acid Systems***see Cesium Fluoride–Hydrofluoric Acid–Potassium Fluoride Systems***Potassium Fluoride–Cesium Fluoride–Lithium Fluoride Systems***see Cesium Fluoride–Lithium Fluoride–Potassium Fluoride Systems***Potassium Fluoride Crystals**

xx Fluoride Crystals

Potassium Fluoride–Hafnium Fluoride Systems*see Hafnium Fluoride–Potassium Fluoride Systems***Potassium Fluoride–Hydrofluoric Acid–Lithium Fluoride Systems***see Hydrofluoric Acid–Lithium Fluoride–Potassium Fluoride Systems***Potassium Fluoride–Hydrofluoric Acid–Sodium Fluoride Systems***see Hydrofluoric Acid–Potassium Fluoride–Sodium Fluoride Systems***Potassium Fluoride–Hydrofluoric Acid Systems***see Hydrofluoric Acid–Potassium Fluoride Systems***Potassium Fluoride–Lithium Fluoride–Rubidium Fluoride Systems***see Lithium Fluoride–Potassium Fluoride–Rubidium Fluoride Systems***Potassium Fluoride–Lithium Fluoride–Sodium Fluoride Systems***see Lithium Fluoride–Potassium Fluoride–Sodium Fluoride Systems***Potassium Fluoride–Lithium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride***see Lithium Fluoride–Potassium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride Systems***Potassium Fluoride–Lithium Fluoride Systems***see Lithium Fluoride–Potassium Fluoride Systems***Potassium Fluoride–Lithium Fluoride–Uranium(IV) Fluoride Systems***see Lithium Fluoride–Potassium Fluoride–Uranium(IV) Fluoride Systems***Potassium Fluoride–Lithium Tungstate Systems***see Lithium Tungstate–Potassium Fluoride Systems***Potassium Fluoride–Potassium Molybdate–Potassium Tungstate Systems****Potassium Fluoride–Potassium Systems***see Potassium–Potassium Fluoride Systems***Potassium Fluoride–Rubidium Fluoride–Sodium Fluoride Systems****Potassium Fluoride–Sodium Fluoride Systems****Potassium Fluoride–Sodium Fluoride–Thorium Fluoride Systems****Potassium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride Systems****Potassium Fluoride–Sodium Fluoride–Uranium(VI) Fluoride Systems****Potassium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride–Zirconium Fluoride Systems****Potassium Fluoride–Sodium Fluoride–Zinc Fluoride Systems****Potassium Fluoride–Sodium Fluoride–Zirconium Fluoride Systems****Potassium Fluoride–Thorium Fluoride Systems****Potassium Fluoride–Uranium(IV) Fluoride Systems****Potassium Fluoride–Uranium(VI) Fluoride Systems****Potassium Fluoride–Uranium Fluoride–Zirconium Fluoride Systems****Potassium Fluoride–Zinc Fluoride Systems****Potassium Fluoride–Zirconium Fluoride Systems****Potassium Fluorides****Potassium Fluorides (Liquid)****Potassium Fluoruthenates**

x Potassium Ruthenium Fluorides

xx Fluoruthenates

Potassium Fluotantalates

xx Fluotantalates

Potassium Fluotitanate–Sodium Chloride Systems**Potassium Fluotitanate–Sodium Chloride–Titanium Oxide Systems****Potassium Fluotitanates**

x Potassium Titanium Fluorides

xx Fluotitanates

Potassium Fluozirconates

xx Fluozirconates

Potassium Formates

xx Formates

Potassium Gallates

xx Gallates

Potassium Germanyls

xx Germanyls

Potassium–Graphite Compounds*see Graphite–Potassium Compounds***Potassium–Graphite Systems***see Graphite–Potassium Systems***Potassium Halides****Potassium Hydrides****Potassium–Hydrogen–Oxygen Systems***see Hydrogen–Oxygen–Potassium Systems***Potassium Hydrogen Thorium Nitrates**

xx Thorium Nitrates

Potassium Hydroxide–Bismuth Phosphate–Glycerol Systems*see Bismuth Phosphate–Glycerol–Potassium Hydroxide Systems***Potassium Hydroxide–Glycerol Systems**

see Glycerol–Potassium Hydroxide Systems
 Potassium Hydroxide–Lithium Hydroxide Systems
see Lithium Hydroxide–Potassium Hydroxide Systems
 Potassium Hydroxide–Potassium Chloride Systems
see Potassium Chloride–Potassium Hydroxide Systems
Potassium Hydroxide–Sodium Hydroxide Systems
Potassium Hydroxides
 xx Potash
Potassium Hydroxides (Liquid)
Potassium Hydroxypentachlororuthenates(IV)
 xx Ruthenates
Potassium Iodate–Uranyl Iodate Systems
Potassium Iodates
Potassium Iodide Crystals
 xx Iodide Crystals
 Potassium Iodide–Potassium Chloride Systems
see Potassium Chloride–Potassium Iodide Systems
 Potassium Iodide–Potassium Systems
see Potassium–Potassium Iodide Systems
Potassium Iodide–Thallium Iodide Systems
Potassium Iodides
Potassium Iodomercurates
 xx Iodomercurates
Potassium Iodoplatinates
 xx Iodoplatinates
Potassium Iodorhenates
 xx Iodorhenates
Potassium Ions
Potassium Isopropoxides
 xx Propoxides
Potassium Isotopes
Potassium Isotopes K³⁷
Potassium Isotopes K³⁸
Potassium Isotopes K³⁹
Potassium Isotopes K⁴⁰
Potassium Isotopes K⁴¹
Potassium Isotopes K⁴²
Potassium Isotopes K⁴³
Potassium Isotopes K⁴⁴
Potassium Lanthanum Sulfates
 xx Lanthanum Sulfates
 Potassium–Lead Alloys
see Lead–Potassium Alloys
Potassium Manganates
 xx Manganates
Potassium Manganese Fluorides
 xx Manganese Fluorides
 Potassium–Mercury Alloys
see Mercury–Potassium Alloys
 Potassium Metaniobates
see Potassium Niobates
 Potassium Molybdate–Potassium Fluoride–Potassium Tungstate Systems
see Potassium Fluoride–Potassium Molybdate–Potassium Tungstate Systems
Potassium Molybdenum Chlorides
 xx Molybdenum Chlorides
Potassium Molybdenum Fluorides
 xx Molybdenum Fluorides
Potassium Nickel Fluorides
see also Potassium Fluonickelates
 xx Nickel Fluorides
Potassium Nickelates
 xx Nickelates
Potassium Niobates
 x Potassium Metaniobates
 xx Niobates
Potassium Niobium Fluorides
see also Potassium Fluoniobates
 xx Niobium Fluorides
Potassium Nitrate Crystals
 xx Nitrate Crystals
 Potassium Nitrate–Lithium Nitrate–Sodium Nitrate Systems

see Lithium Nitrate–Potassium Nitrate–Sodium Nitrate Systems
 Potassium Nitrate–Lithium Nitrate Systems
see Lithium Nitrate–Potassium Nitrate Systems
 Potassium Nitrate–Potassium Chloride–Silver Nitrate Systems
see Potassium Chloride–Potassium Nitrate–Silver Nitrate Systems
 Potassium Nitrate–Potassium Chloride–Strontium Chloride–Strontium Nitrate Systems
see Potassium Chloride–Potassium Nitrate–Strontium Chloride–Strontium Nitrate Systems
Potassium Nitrate–Potassium Nitrite Systems
Potassium Nitrate–Silver Nitrate Systems
Potassium Nitrate–Sodium Nitrate–Sodium Nitrite Systems
Potassium Nitrate–Sodium Nitrate Systems
Potassium Nitrate–Sodium Nitrite Systems
Potassium Nitrates
Potassium Nitrates (Liquid)
 Potassium Nitrite–Potassium Nitrate Systems
see Potassium Nitrate–Potassium Nitrite Systems
Potassium Nitrites
 xx Nitrites
Potassium Osmates
 xx Osmates
Potassium Oxalates
 xx Oxalates
Potassium Oxide–Silicon Oxide Systems
Potassium Oxide–Uranium(VI) Oxide–Vanadium Oxide Systems
Potassium Oxides
 xx Potash
Potassium Perchlorates
 xx Perchlorates
Potassium Periodates
 xx Periodates
 Potassium Permanganate–Aluminum Nitrate–Manganese Nitrate–Nitric Acid–Sodium Dichromate Systems
see Aluminum Nitrate–Manganese Nitrate–Nitric Acid–Potassium Permanganate–Sodium Dichromate Systems
Potassium Permanganates
 xx Manganates
 Permanganates
Potassium Perrhenates
 xx Perrhenates
Potassium Perruthenates
 xx Perruthenates
 Ruthenates
Potassium Pertechnetates
 xx Pertechnetates
Potassium Phosphates
see also Potassium Fluophosphates
 x Potassium Pyrophosphates
 Potassium Phthalates
see Phthalic Acid, Potassium Salts
Potassium Plutonium Chlorides
 xx Plutonium Chlorides
Potassium Plutonium Oxalates
 xx Plutonium Oxalates
Potassium Plutonium Oxycarbonates
 xx Oxycarbonates
 Plutonium Oxycarbonates
Potassium Plutonium Sulfates
 xx Plutonium Sulfates
Potassium–Potassium Bromide Systems
Potassium–Potassium Chloride Systems
Potassium–Potassium Fluoride Systems
Potassium–Potassium Iodide Systems
 Potassium Pyrophosphates
see Potassium Phosphates
Potassium–Rhenium Alloys
Potassium Rhenium Chlorides
 xx Rhenium Chlorides

Potassium Rhodizonates

see *Rhodizonic Acid, Potassium Salts*

Potassium Ruthenium Fluorides

see *Potassium Fluorurthenates*

Potassium Ruthenium Nitrites

xx Ruthenium Nitrites

Potassium Salts

see also *Oleic Acid, Potassium Salts*

Phenolphthalein, Tetrabromo-, Ethyl Ester, Potassium Salts

Potassium Silicate Glass

xx Glass

Potassium Silicates

xx Silicates

Potassium–Sodium Alloy Fires

xx Fires

Potassium–Sodium Alloys**Potassium–Sodium Alloys (Liquid)****Potassium Sodium Niobates**

xx Sodium Niobates

Potassium Sodium Sulfates

see also *Aphthalites*

xx Aphthalites

Potassium Sulfates

Sodium Sulfates

Potassium Sodium Tantalates

xx Sodium Tantalates

Potassium Sodium Tartrate Crystals**Potassium Sodium Tartrates**

xx Potassium Tartrates

Sodium Tartrates

Potassium–Sodium–Uranium Alloys**Potassium–Sodium–Uranium Hydride Systems****Potassium–Sodium–Uranium Oxide Systems****Potassium Space**

xx Body Fluids

Potassium Strontium Uranium Oxalates

xx Strontium Oxalates

Uranium Oxalates

Potassium Sulfate–Aluminum Sulfate–Cesium Sulfate Systems

see *Aluminum Sulfate–Cesium Sulfate–Potassium Sulfate Systems*

Potassium Sulfate–Lithium Sulfate Systems

see *Lithium Sulfate–Potassium Sulfate Systems*

Potassium Sulfate–Mercury Chloride Systems

see *Mercury Chloride–Potassium Sulfate Systems*

Potassium Sulfate–Vanadium Oxide Systems**Potassium Sulfates**

see also *Potassium Copper Sulfates*

Potassium Sodium Sulfates

Potassium Sulfide–Sodium Sulfide–Uranium Sulfide Systems**Potassium Sulfides****Potassium Systems****Potassium Tantalates**

xx Tantalates

Potassium Tartrates

see also *Potassium Sodium Tartrates*

xx Tartrates

Potassium–Thallium Alloys**Potassium Thiocyanates**

xx Thiocyanates

Potassium Thorium Chlorides

xx Thorium Chlorides

Potassium Thorium Fluorides

xx Thorium Fluorides

Potassium Titanates

xx Titanates

Potassium Titanium Fluorides

see *Potassium Fluotitanates*

Potassium Tungstate–Lithium Fluoride Systems

see *Lithium Fluoride–Potassium Tungstate Systems*

Potassium Tungstate–Potassium Fluoride–Potassium Molybdate Systems

see *Potassium Fluoride–Potassium Molybdate–Potassium Tungstate*

Potassium Tungstates

xx Tungstates

Potassium Urates

xx Urates

Potassium Uranium Fluorides

xx Uranium Fluorides

Potassium Uranium(IV) Fluorides

xx Uranium(IV) Fluorides

Potassium Uranium Oxalates

xx Uranium Oxalates

Potassium Uranyl Arsenates

xx Uranyl Arsenates

Potassium Uranyl Carbonates

xx Uranyl Carbonates

Potassium Uranyl Chlorides

xx Uranyl Chlorides

Potassium Uranyl Fluorides

xx Uranyl Fluorides

Potassium Uranyl Nitrates

xx Uranyl Nitrates

Potassium Uranyl Oxalates

xx Uranyl Oxalates

Potassium Uranyl Periodates

x Uranyl Periodates

xx Periodates

Potassium Uranyl Phosphates

xx Uranyl Phosphates

Potassium Uranyl Sulfates

xx Uranyl Sulfates

Potassium Uranyl Vanadates

xx Potassium Vanadates

Uranyl Vanadates

Potassium Vanadates

see also *Potassium Uranyl Vanadates*

xx Vanadates

Potassium–Zinc Alloys**Potassium Zirconates**

xx Zirconates

Potassium Zirconium Fluorides

xx Zirconium Fluorides

Potassium Zirconium Sulfates

xx Zirconium Sulfates

Potatoes**Potential**

see *Electric Potential*

Ionization Potentials

Streaming Potential

Potentiometers

x Meters

Potentiometric Analysis

xx Analysis

Potting Compounds

see *Sealing Materials*

Poultry

see *Chickens*

Powder Compacts

(See also by name of material forming the compact)

see also *Powder Metallurgy*

xx Compacts

Powder Metallurgy

Powder Metallurgy

see also *Powder Compacts*

x Hydrostatic Pressing

xx Metallurgy

Powder Compacts

Powders

(See also powders of specific elements, see also general headings of the form Oxide Powders in the list below for lists of powders of specific compounds)

see also *Boride Powders*

Brass Powders

Fluoride Powders

see also *Glass Powders*

Graphite Powders

Hydride Powders

Metal Powders

Oxide Powders

Particles

Steel Powders

Sulfate Powders

Sulfide Powders

xx *Aerosols*

Dusts

Grinding

Particles

Power

see *Electric Power*

Nuclear Power

Power Reactors

Solar Power

Tidal Power

Volcanic Power

Wind Power

Power Breeder Reactor

see *Argonne Power Breeder Reactor*

Power Breeder Reactor Prototype

see *Argonne Power Breeder Reactor*

Power Breeder Reactors

see also *Advanced Epithermal Thorium Reactor*

Argonne Power Breeder Reactor

Calder Hall Reactors

Downreay Fast Reactor

Experimental Breeder Reactor

Experimental Breeder Reactor-II

Fermi Fast Breeder Reactor

Homogeneous Reactor Experiment-III

Indian Point Power Reactor

KAPL Intermediate Power Breeder

KAPL Plutonium Power Breeder Reactor

Thorium Breeder Reactor

xx *Breeder Reactors*

Power Reactors

Reactors

Power Components Reactor

see *Savannah River Components Test Reactor*

Power Cycles

Power Plants

see also *Aircraft Power Plants*

Naval Reactor Power Plants

Nuclear Aircraft Power Plants

Nuclear Heating Plants

Nuclear Power Plants

Steam Power Plants

Submarine Power Plants

xx *Plants*

Power Reactor Development Co Reactor

see *Fermi Fast Breeder Reactor*

Power Reactors

see also *Aircraft Reactor Experiment*

Aircraft Reactor Test

Arbor Reactor

Argonne Power Breeder Reactor

Armour Dust Fueled Reactor

Army Compact Reactor Experiments

Army Gas Cooled Reactor

Army Reactors

Army Reactors (PL-1)

Army Reactors (PL-2)

Army Reactors (PM-1)

Army Reactors (PM-2)

Army Reactors (PM-3)

Army Reactors (SM-2)

Belgian Reactor-3

Beryllium Oxide Reactor Experiment

see also *Big Rock Point Power Reactor*

Boiling Reactor Experiments

Boiling Sulfur Power Reactor

Brittany Power Reactor

Calder Hall Reactors

CANDU Reactor

Carolinas-Virginia Tube Reactor

Carrier Vessel Reactor

Chinon Reactors (EDF-1)

Chinon Reactors (EDF-2)

Chinon Reactors (EDF-3)

Chugach Power Reactor

Daniels Power Reactor

Downreay Fast Reactor

Dresden Power Reactor

Elk River Power Reactor

Experimental Boiling Water Reactor

Experimental Breeder Reactor

Experimental Gas Cooled Reactor

Experimental Low-Temperature Process Heat Reactor

Experimental Organic Cooled Reactor

Fleet Escort Reactor

Florida Power Reactor

Flowable Solids Reactor

Halden Boiling Reactor

Hallam Power Reactor

High Temperature Gas Cooled Reactor Experiment

Homogeneous Reactor Experiment

Homogeneous Reactor Test

Humboldt Bay Power Reactor

Indian Point Power Reactor

Kaiser Gas Cooled Reactor

KAPL Intermediate Power Breeder

KAPL Plutonium Power Breeder Reactor

LEO

Liquid Metal Fuel Reactor

Los Alamos Fast Reactor

Los Alamos Molten Plutonium Reactor Experiment

Los Alamos Power Reactor Experiments

Los Alamos Turret Reactor

Marcoule Reactors (G-2)

Marcoule Reactors (G-3)

Maritime Boiling Water Reactor

Maritime Gas Cooled Reactor

Maritime Organic Moderated Reactor

Maritime Pressurized Water Reactor

Naval Reactors

Naval Reactors (D2G)

NPD Reactor

Organic Moderated Reactor Experiment

ORNL Gas Cooled Reactor

Peach Bottom Power Reactor

Piqua Power Reactor

Plutonium Recycle Test Reactor

Prototype Organic Power Reactor

Puerto Rico Power Reactor

Rocket Reactors (Dumbo)

Rocket Reactors (Kiwi)

Rocket Reactors (Tory)

Savannah River Power Reactor Experiment

Saxton Power Reactor

Shippingport Pressurized Water Reactor

Sioux Falls Power Reactor

Sodium Reactor Experiment

Space Power Unit Reactor

Special Purpose Power Plant Reactor

Submarine Advanced Reactor

Submarine Fleet Reactor

Submarine Intermediate Reactor

Submarine Reactors (SIC)

Submarine Reactors (S2C)

Submarine Reactors (SSG)

(Continued)

see also Submarine Reactors (SSW)
Submarine Thermal Reactor
Swedish Reactors (R-3)
Systems for Nuclear Auxiliary Power (SNAP)
Vallecitos Boiling Water Reactor
Vallecitos Superheat Reactor
Windscale Advanced Gas Cooled Reactor
Yankee Power Reactor

x High-Temperature Reactors
 Pennsylvania Advanced Reactor (PAR)
 Pebble-Type Reactors

xx Reactors

Power Supplies

(*See also specific instruments and various components, e.g., Electron Tubes*)

see also Accelerator Tubes
Current Regulators
Electric Power
Rectifiers
Voltage Regulators

x Regulators
 xx Electronic Equipment
 Rectifiers
 Voltage Regulators

PPF Process

xx Separation Processes

Praseodymium

see also Rare Earths

Praseodymium Acetylacetonates

xx Acetylacetonates

Praseodymium Alloys

Praseodymium-Aluminum Alloys

see Aluminum-Praseodymium Alloys

Praseodymium-Aluminum Sulfides

see Aluminum Praseodymium Sulfides

Praseodymium-Bismuth Alloys

see Bismuth-Praseodymium Alloys

Praseodymium-Bismuth-Uranium Alloys

see Bismuth-Praseodymium-Uranium Alloys

Praseodymium Borides

Praseodymium Bromides

Praseodymium Carbides

Praseodymium Carbonates

Praseodymium Chelates

Praseodymium Chlorides

Praseodymium-Cobalt Alloys

see Cobalt-Praseodymium Alloys

Praseodymium Complexes

Praseodymium Compounds

Praseodymium Ethyl Sulfates

xx Ethyl Sulfates

Praseodymium Ferrates

xx Ferrates

Praseodymium Ferrites

xx Ferrites

Praseodymium Fluorides

see also Sodium Praseodymium Fluorides

Praseodymium Gallates

xx Gallates

Praseodymium-Gallium Alloys

see Gallium-Praseodymium Alloys

Praseodymium Hydrides

Praseodymium-Hydrogen Systems

see Hydrogen-Praseodymium Systems

Praseodymium Hydroxides

Praseodymium Iodides

Praseodymium Ions

Praseodymium-Iridium Alloys

see Iridium-Praseodymium Alloys

Praseodymium Isotopes

Praseodymium Isotopes Pr¹³⁴

Praseodymium Isotopes Pr¹³⁵

Praseodymium Isotopes Pr¹³⁶

Praseodymium Isotopes Pr¹³⁷

Praseodymium Isotopes Pr¹³⁸

Praseodymium Isotopes Pr¹³⁹

Praseodymium Isotopes Pr¹⁴⁰

Praseodymium Isotopes Pr¹⁴¹

Praseodymium Isotopes Pr¹⁴²

Praseodymium Isotopes Pr¹⁴³

Praseodymium Isotopes Pr¹⁴⁴

Praseodymium Isotopes Pr¹⁴⁵

Praseodymium Isotopes Pr¹⁴⁶

Praseodymium Isotopes Pr¹⁴⁷

Praseodymium Isotopes Pr¹⁴⁸

Praseodymium-Lead Alloys

see Lead-Praseodymium Alloys

Praseodymium-Magnesium Alloys

see Magnesium-Praseodymium Alloys

Praseodymium Magnesium Nitrates

see Magnesium Praseodymium Nitrates

Praseodymium-Mercury Alloys

see Mercury-Praseodymium Alloys

Praseodymium-Neodymium Alloys

see Neodymium-Praseodymium Alloys

Praseodymium-Nickel Alloys

see Nickel-Praseodymium Alloys

Praseodymium Niobates

xx Niobates

Praseodymium-Niobium Alloys

see Niobium-Praseodymium Alloys

Praseodymium Nitrates

see also Magnesium Praseodymium Nitrates

Praseodymium Nitrates

Praseodymium-Osmium Alloys

see Osmium-Praseodymium Alloys

Praseodymium Oxalates

Praseodymium Oxide-Cerium Oxide Systems

see Cerium Oxide-Praseodymium Oxide Systems

Praseodymium Oxide-Lanthanum Oxide Systems

see Lanthanum Oxide-Praseodymium Oxide Systems

Praseodymium Oxide-Uranium Oxide Systems

Praseodymium Oxide-Ytterbium Oxide Systems

Praseodymium Oxide-Yttrium Oxide Systems

Praseodymium Oxides

Praseodymium Oxyfluorides

xx Oxyfluorides

Praseodymium Oxyselelenides

xx Oxyselelenides

Praseodymium Oxyulfides

xx Oxyulfides

Praseodymium Peroxides

xx Peroxides

Praseodymium Phosphides

xx Phosphides

Praseodymium-Phosphorus Systems

see Phosphorus-Praseodymium Systems

Praseodymium-Platinum Alloys

see Platinum-Praseodymium Alloys

Praseodymium-Rhodium Alloys

Praseodymium-Ruthenium Alloys

Praseodymium Selenides

xx Selenides

Praseodymium Silicides

xx Silicides

Praseodymium Sodium Fluorides

see Sodium Praseodymium Fluorides

Praseodymium Sulfates

Praseodymium Sulfides

see also Aluminum Praseodymium Sulfides

Praseodymium Systems

Praseodymium Tantalates

xx Tantalates

PRDC Reactor

see Fermi Fast Breeder Reactor

Precipitates

see also Uranium Leach Precipitates

Precipitation

see also Electrostatic Precipitation

xx Analysis

Precipitators

see Cascade Impactors

Cyclone Separators

Electrostatic Precipitators

Oscillating Precipitators

Particle Precipitators

Sonic Precipitators

Thermal Precipitators

Prednisolone

Prednisone

Preferred Orientation

x Orientation

xx Crystal Structure

Pregnancy

Pressure

see also Blood Pressure

High-Pressure Systems

Pressure Gages

Pressure Vessels

Pumps

Seals and Glands

Valves

Vapor Pressure

Pressure Breathing

x Breathing

Pressure Drop

see also Fluid Flow

Gas Flow

Liquid Flow

Pressure Gages

see also Hypsometers

Manometers

Vacuum Gages

xx Altimeters

Gages

Instruments

Manometers

Pressure

Vacuum Gages

Pressure Regulators

x Regulators

Pressure Systems

Pressure Transmitters

x Transmitters

Pressure Vessels

see also Tanks

Vessels

x Autoclaves

Containers

xx Pressure

Reactors

Tanks

Vessels

Pressurized Water Reactors

see also Army Reactors (PM-1)

Army Reactors (PM-2)

Army Reactors (PM-3)

Army Reactors (SM-1)

Belgian Reactor-3

Boiling Reactors

Carolinas-Virginia Tube Reactor

Carrier Vessel Reactor

Experimental Low-Temperature Process Heat Reactor

Indian Point Power Reactor

KAPL Proof Test Reactor

LEO

see also Maritime Pressurized Water Reactor

Naval Reactors

Savannah River Components Test Reactor

Savannah River Power Reactor Experiment

Saxton Power Reactor

Shippinport Pressurized Water Reactor

Spectral Shift Control Reactor

Submarine Advanced Reactor

Submarine Fleet Reactor

Submarine Reactors (S1C)

Submarine Reactors (S2C)

Submarine Reactors (S5G)

Submarine Reactors (S5W)

Submarine Thermal Reactor

Yankee Power Reactor

xx Reactors

Pressurizers

see also Compressors

Primary Cells

see also Dry Batteries

x Cells

Voltaic Cells

Princeton Synchrotron

(Princeton Univ.—Pennsylvania Univ. Proton Accelerator)

xx Synchrotrons

Prins Reaction

x Reactions

Priorities

see also Blomstrandines

Prisms

xx Optical Systems

Probability

see Statistics

Probes

see Electric Probes

Leak Detectors

Magnetic Probes

Procaine

x Novocaine

Procedures

see Equipment and Procedures

Process Development Pile

see Savannah River Reactor Mockup

Process Heat Reactor

see Experimental Low-Temperature Process Heat Reactor

Process Monitor

see Rate Meters

Processes

see Dual-Temperature Process

Fluorax Process

Gaseous Diffusion Process

Ion Exchange Processes

Separation Processes

Solvent Extraction Processes

UNH Conversion Process

Processing Plants

see Radiochemical Processing Plants

Uranium Ore Processing Plants

Prochlorites

Prodigiosine

Production Reactors

see also Calder Hall Reactors

Cobalt Production Reactor

Hanford Production Reactors

Hanford Test Reactors

Hanford Thermal Test Reactor

Marcoule Reactors

Physical Constants Testing Reactor

Plutonium Recycle Test Reactor

Savannah River Production Reactors

Savannah River Test Reactor

Windscale Production Reactors

(Continued)

- x Argonne Isotope Production Reactor K-49
- Light Water Plutonium Producer Research and Isotope Reactor
- xx Reactors
- Progesterone**
- xx Hormones
- Project Genie**
- Proline**
(2-Pyrrolidinecarboxylic Acid)
- xx Amino Acids
- Proline, Hydroxy-**
- Promazine
see Phenothiazines
- Promethium**
see also Rare Earths
- x Ithium
- Promethium Chlorides**
- Promethium Complexes**
- Promethium Compounds**
- Promethium Ethyl Sulfates**
- xx Ethyl Sulfates
- Promethium(III) Ions**
- Promethium Isotopes**
- Promethium Isotopes Pm¹⁴¹**
- Promethium Isotopes Pm¹⁴²**
- Promethium Isotopes Pm¹⁴³**
- Promethium Isotopes Pm¹⁴⁴**
- Promethium Isotopes Pm¹⁴⁵**
- Promethium Isotopes Pm¹⁴⁶**
- Promethium Isotopes Pm¹⁴⁷**
- Promethium Isotopes Pm¹⁴⁸**
- Promethium Isotopes Pm¹⁴⁹**
- Promethium Isotopes Pm¹⁵⁰**
- Promethium Isotopes Pm¹⁵¹**
- Promethium Isotopes Pm¹⁵²**
- Promethium Isotopes Pm¹⁵⁴**
- Promethium Oxides**
- Prompt Neutrons**
- xx Neutrons
- Proof Test Reactor (PTR)
see KAPL Proof Test Reactor
- Proof Test Reactor (SAR)
see Submarine Advanced Reactor
- Proof Test Reactor (SIR)
see Submarine Intermediate Reactor Experiments
- Propamine
see 1-Propanethiol, 2-Amino-
- Propane**
- Propane, 2-Amino-1,1'-Diphenyl-**
- Propane, Bromo-**
- Propane, 1-Bromo-**
- Propane, 2-Bromo-**
- Propane, 1-Bromo-2-Methyl-**
- Propane, 2-Bromo-2-Methyl-**
- Propane, 1-Bromoheptafluoro-**
- Propane, 1-Chloro-**
- Propane, 2-Chloro-**
- Propane, 2-Chloro-2-Methyl-**
- Propane, 1-Chloroheptafluoro-**
- Propane, 1,3-Dibromo-2,2-Bis (Bromomethyl)-**
x Pentaerythrityl Tetrabromide
- Propane, 1,2,-Dichloro-**
- Propane, 1,3-Dichloro-2,2-Bis (Chloromethyl)-**
- Propane, Dichlorohexafluoro-- Uranium(VI) Fluoride Systems**
- Propane, 1,3-Difluoro-2,2-Bis (Fluoromethyl)-**
- Propane, 1,3-Diiodo-2,2-Bis (Iodomethyl)-**
- Propane, 2,2-Dimethyl-**
x Neopentane
- Propane, 2,2-Dimethyl--Carbon Tetrachloride Systems**
see Carbon Tetrachloride-Propane, 2,2-Dimethyl- Systems
- Propane, 2,2-Dimethyl--Carbon Tetrachloride Systems**
see Carbon Tetrachloride-Propane, 2,2-Dimethyl- Systems
- Propane, 2,2-Dinitro-**
- Propane-Ethylene Systems**
see Ethylene-Propane Systems
- Propane, Heptachloro-**
- Propane, Heptafluoro-**
- Propane, 1-Iodo-**
- Propane, 2-Iodo-**
x Isopropyl Iodide
- Propane, 1-Iodo-2,2-Dimethyl-**
- Propane, 2-Iodo-2-Methyl-**
- Propane-Methane, Iodo- Systems**
see Methane, Iodo--Propane Systems
- Propane, 2-Methyl-**
x Isobutane
- Propane, 2-Methyl-1,1-Dinitro-**
- Propane, Octachloro-**
- Propane, Octafluoro-**
- Propane-Sulfur Fluoride Systems**
- 1,2-Propanediamine**
x Propylenediamine
- Propanedioic Acid**
see Malonic Acid
- 1,2-Propanediol, Hexafluoro-**
- 1,2-Propanediol, 3-(Octadecyloxy)-**
x Batyl Alcohol
- 1,3-Propanedione, 1,3-Diphenyl-**
x Methane, Dibenzoyl-
- 2-Propanethiol**
- 1-Propanethiol, 2-Amino-**
x Propamine
- 1,2,3-Propanetriol**
see Glycerol
- 1,2,3-Propanetrione, Diphenyl-**
- 1,2,3-Propanetrione, p-Methoxyphenylphenyl-**
- 1-Propanol**
x Propyl Alcohol
- 2-Propanol**
x Isopropyl Alcohol
- 2-Propanol, 1-Amino-1,2-Diphenyl-**
- 2-Propanol, 1-Amino-1-Phenyl-2-p-Tolyl-**
- 2-Propanol-Benzene Systems**
see Benzene-2-Propanol Systems
- 2-Propanol-Benzophenone Systems**
see Benzophenone-2-Propanol Systems
- 1-Propanol, 2,3-Dimercapto-**
(British Anti-Lewisite)
x BAL
- 1-Propanol, 2,3-Dimercapto- Chelates**
xx Chelates
- 2-Propanol, 1-Fluoro-**
- 1-Propanol, 2-Methyl-**
(The form isobutyl is used when the group is a substituent)
x Isobutyl Alcohol
- 2-Propanol, 2-Methyl-**
(The form *tert*-butyl is used when the group is a substituent)
x *tert*-Butyl Alcohol
- 2-Propanol, 2-Methyl--Cobalt Chloride-Water Systems**
see Cobalt Chloride-2-Propanol, 2-Methyl-Water Systems
- 2-Propanol, 2-Phenyl-**
x Benzyl Alcohol, α,α -Dimethyl-
- 1-Propanol-Toluene-Water Systems**
- 1-Propanol-Water Systems**
- 2-Propanone**
see Acetone
- 2-Propanone, 1,3-Dihydroxy-**
- 2-Propanone, 1,3-Diphenyl-**
x Ketone, Dibenzyl
- Propellants**
see Fluid Propellants
Solid Propellants

Propellers**Propellers (Marine)****Propene**

x Propylene

Propene, 3-Chloro-**Propene, 1,3-Dichloro-2-Fluoro-****Propene, Hexachloro-**

x HCP

Propene, Hexafluoro-**Propene, 2-Methyl-**

x Isobutene

Propene, 2-Methyl- Polymers

xx Polymers

Propene Oxide*see Propylene Oxide***Propene Polymers**

xx Polymers

2-Propene-1-Sulfonic Acid, Sodium Salts

x Sodium Allyl Sulfonates

Propene, Trichloro-**Propene, 3,3,3-Trifluoro-****1-Propene, 3,3,3-Trifluoro-1-Iodo-****Propenediol**

x Propylene Glycol

Propenes, Bromo-**Properdin**xx Blood Serum
Proteins**Properties***see Electric Properties*
Magnetic Properties
Molecular Properties
Tensile Properties
Thermal Properties
Thermodynamic Properties
*Thermoelectric Properties***Prophylaxis***see Chemical Prophylaxis* **β -Propiolactone***see Hydracrylic Acid, β -Lactone***Propiolic Acid, Phenyl-****Propiolonitrile**

xx Cyanacetylene

Propionaldehyde**Propionamide****Propionamide, α -Bromo-****Propionamide, β -Bromo-****Propionamides****Propionate Ions****Propionates****Propionic Acid****Propionic Acid, α -Amino-***see Alanine***Propionic Acid, α -Amino- β -Hydroxy-***see Serine***Propionic Acid, 2-Benzoyl-****Propionic Acid, α -Bromo-****Propionic Acid, 2,2-Dimethyl-****Propionic Acid, Ethyl Ester**

x Ethyl Propionate

Propionic Acid, β -(Ethylmercapto)-**Propionic Acid, β -(Ethylmercapto)- Chelates**

xx Chelates

Propionic Acid, Fluoro-**Propionic Acid, Formyl-****Propionic Acid, β -(4-Hydroxy-3,5-Diodophenyl)- α -Phenyl-**

x Biliselectan

Propionic Acid, α -Hydroxy- β , β -Dinitro-*see Lactic Acid, 3,3'-Dinitro-***Propionic Acid, α -Hydroxyimino-****Propionic Acid, 3-Mercapto-****Propionic Acid, 2-Methyl-***see Isobutyric Acid***Propionic Acid, Pentafluoro-****Propionic Acid, Propyl Ester****Propionic Acid, Sodium Salts**

x Sodium Propionate

xx Sodium Salts

Propionic Acid-Water Systems**Propionitrile****Propiophenone, p-Amino-****Propiophenone, α , α -Dibromo-****Propiophenones****Proportional Detectors**

x Detectors

xx Radiation Detectors

Propoxides*see also Potassium Isopropoxides*
Uranium Propoxides

xx Oxides

Propulsion*see also Jet Propulsion***Propulsion Unit Test***see Nuclear Aircraft Power Plants***Propyl Acetate***see Acetic Acid, Propyl Ester***Propyl Alcohol***see 1-Propanol***Propyl Nitrates**

xx Nitrates

Propyl Phosphates

xx Phosphates

Propylamine**Propylene***see Propene***Propylene Glycol***see Propenediol***Propylene Oxide**

x Propene Oxide

xx Oxides

Propylenediamine (PDA)*see 1,2-Propanediamine***Propyne**

x Acetylene, Methyl-

Propyne, 1-Bromo-**Propyne, 1-Iodo-****Propyne, Trifluoro-****Proserpine Reactor***see Saclay Reactors (Proserpine)***Prospecting***see also Aerial Surveying*
Exploration
Geobotanical Prospecting
Geochemical Prospecting
Geophysical Prospecting

xx Exploration

Prostate Gland

xx Glands

Prostigmine**Protactinium***see also Actinides*

xx Actinides

Protactinium Bromides**Protactinium Carbides****Protactinium Chlorides****Protactinium Complexes****Protactinium Compounds****Protactinium Fluorides****Protactinium(IV) Fluorides****Protactinium Hydrides****Protactinium Iodides****Protactinium Ions****Protactinium Isotopes**

Protactinium Isotopes Pa²²⁵

Protactinium Isotopes Pa²²⁶

Protactinium Isotopes Pa²²⁷

Protactinium Isotopes Pa²²⁸

Protactinium Isotopes Pa²²⁹

Protactinium Isotopes Pa²³⁰

Protactinium Isotopes Pa²³¹

Protactinium Isotopes Pa²³²

Protactinium Isotopes Pa²³³

Protactinium Isotopes Pa²³⁴

x Uranium Isotopes (UX₁)

Uranium Isotopes (UZ)

Protactinium Isotopes Pa²³⁵

Protactinium Isotopes Pa²³⁷

Protactinium Isotopes Pa²³⁸

Protactinium Oxides

Protactinium Oxsulfides

xx Oxsulfides

Protactinium Sulfides

Protamines

see also Clupeine

x Salamine

xx Clupeine

Protection From Radiation

see Radiation Protection

Protective Clothing

see also Clothing

x Body Armor

Protective Masks

xx Clothing

Shielding

Protective Construction

(See specific types of protective structures, e.g., Field Fortifications.)

Protective Masks

see Protective Clothing

Protective Ointments

x Gas Protective Ointments

Ointments

Proteins

see also Lipoproteins

Mucoproteins

Nucleoproteins

Phosphoproteins

Properdin

Proteximeter

see Radiation Detection Instruments (Ion Current Type)

Protium

see Hydrogen

Proton Absorption Cross Sections

see Proton Capture Cross Sections

Proton Beams

x Beams

Proton Capture Cross Sections

x Capture Cross Sections

Proton Absorption Cross Sections

Proton Cross Sections

xx Cross Sections

Proton Fission

xx Fission

Proton Pairs

xx Pair Production

Proton-Scattering Analysis

xx Analysis

Radiation-Scattering Analysis

Proton Scattering Cross Sections

x Scattering Cross Sections

Proton Shielding

see also Shielding Materials

Proton Showers

x Showers

Proton Sources

x Sources

Proton Spectra

xx Spectra

Proton Spectrometers

xx Spectrometers

Proton Synchrotrons

see Synchrotrons

Proton Total Cross Sections

x Collision Cross Sections

Total Cross Sections

Protons

see also Cosmic Protons

Antiprotons

Photoprotons

xx Fermions

Hydrogen Ions

Nucleons

Protoplasm

Protoporphyrins

Prototype Organic Power Reactor

x POPR

xx Organic Cooled Reactors

Organic Moderated Reactors

Power Reactors

Prototype Power Breeder Reactor

see Argonne Power Breeder Reactor

Protozoa

(See also specific genera, e.g., Amoeba and Paramecium.)

x Infusoria

Tetrahymena

xx Microorganisms

PRP Reactor

see Plutonium Recycle Test Reactor

Pseudourea, 2-(2-Aminoethyl)-2-Thio-

x AET

Aminoethylisothiuronium

Pseudourea, 2-Benzyl-2-Thio-

Pseudowavellites

xx Wavellites

Psychology

x Applied Psychology

xx Behavior

Psychrometers

see Hygrometers

Pteroylglutamic Acid

see Folic Acid

PTR (Proof Test Reactor)

see KAPL Proof Test Reactor

Puerto Rico Power Reactor

x Boiling Nuclear Superheat Power Plant

BONUS Reactor

xx Boiling Reactors

Power Reactors

Puerto Rico Water Resources Authority Reactor

see Puerto Rico Power Reactor

Pulmonary Absorption

xx Absorption

Pulmonary Edema

x Edema

xx Lung Injuries

Pulmonary Excretion

xx Excretion

Pulmonary Infection

xx Diseases

Infections

Lung Diseases

Pulse Analyzers

see also Oscillographs

x Analyzers

Pulse Columns

x Columns

xx Extraction Apparatus

Pulse Counters

- see* *Counting Devices*
- Radiation Detection Instruments (Pulse Type)*
- Radiation Detectors*
- Scalars*

Pulse Generators

- see* *Pulse Generators (Electronics)*
- Pulse Generators (Hydraulics)*
- Pulse Generators (Pneumatics)*

Pulse Generators (Electronics)

- x *Electronic Pulse Generators*
- Pulse Generators*
- xx *Electric Generators*
- Electronic Equipment*
- Generators*
- Oscillators*
- Radiofrequency Generators*
- Time Measurement*

Pulse Generators (Hydraulics)

- x *Hydraulic Pulse Generators*
- Pulse Generators*
- xx *Generators*

Pulse Generators (Pneumatics)

- x *Pneumatic Pulse Generators*
- Pulse Generators*
- xx *Generators*

Pulse Integrators

- x *Integrators*

Pulse Modifiers

- x *Modifiers*
- Modulators*

Pulse Transformers

- x *Modulators*
- xx *Transformers*

Pulse Type Radiation Detection Instruments

- see* *Radiation Detection Instruments (Audio Pulse Type)*
- Radiation Detection Instruments (Pulse Type)*

Pulses**Pumice****Pumps**

- see also* *Blowers*

Centrifugal Pumps
Compressors
Diaphragm Pumps
Diffusion Pumps
Electromagnetic Pumps
Inertia Pumps
Ion Pumps
Jet Pumps
Metering Pumps
Rotary Pumps
Vacuum Pumps

Pumps (Liquid Metal)

- see also* *Electromagnetic Pumps*
- x *Liquid Metal Pumps*

Pupae**Puppy**

- see* *Rocket Reactors (Tory)*

Purex Process

- see also* *Tributyl Phosphate Process (Canada)*

- x *Hallex Process*
- Processes*
- SCRUP*
- SCRUP Process*
- xx *Butyl Phosphates*
- Separation Processes*
- Tributyl Phosphate Process (Canada)*

Purification Equipment

- see* *Water Purification Equipment*

Purine, 6-Amino-

- see* *Adenine*

Purines

- see also* *Thiazolinopurines*

- xx *Thiazolinopurines*

6-Purineethiol

- xx *Thiols*

2, 6, 8(1, 3, 9)-Purmetrione

- see* *Uric Acid*

PURRE Reactor

- see* *Plutonium Recycle Test Reactor*

PUT (Propulsion Unit Test or Parallel Engine Operation)

- see* *Nuclear Aircraft Power Plants*

PVA (Polyvinyl Alcohol)

- see* *Vinyl Alcohol Polymers*

PWR

- see* *Shippingport Pressurized Water Reactor*

Pycnometry

- xx *Analysis*

Pycnosis

- x *Pyknosis*

Pyknosis

- see* *Pycnosis*

Pyralin

- see* *Celluloid*

Pyrans**Pyrazine, 2-Methyl-****Pyrazolines****3-Pyrazolone, 1, 5-Dimethyl 2-phenyl-**

- see* *Antipyrine*

Pyrene**Pyrethrins****Pyrex**

- see* *Borosilicate Glass*

Pyribenzamine

- see* *Pyridine, 2-[Benzyl-(2-Dimethylaminoethyl)Amino]-*

Pyridine

- x *Azine*

Pyridine-Benzene, Bromo- Systems

- see* *Benzene, Bromo--Pyridine Systems*

Pyridine, 2-[Benzyl-(2-Dimethylaminoethyl)Amino]-

- x *Pyribenzamine*

Pyridine, 4-Carboxymethyl-2-Phenyl-**Pyridine Complexes****Pyridine, 2, 6-Dimethyl-**

- see* *2,6-Lutidine*

Pyridine, Hexahydro-

- see* *Piperidine*

Pyridine-Iodine Systems

- see* *Iodine-Pyridine Systems*

Pyridine, Phenacyl-

- see* *Acetophenones, α-(Pyridyl)-*

Pyridine Systems**Pyridine, 4-Vinyl-****Pyridine-Water Systems****Pyridineacetic Acid, Ethyl Ester****3-Pyridinecarboxamide**

- see* *Nicotinamides*

2-Pyridinecarboxylic Acid

- see* *Picolinic Acid*

3-Pyridinecarboxylic Acid

- see* *Nicotinic Acid*

4-Pyridinecarboxylic Acid

- see* *Isonicotinic Acid*

Pyridines**Pyridinium Bromides, Poly-4-Vinyl-N-Butyl-**

- xx *Bromides*

Pyridinium Chloride Complexes

- xx *Chloride Complexes*

4-Pyridone, 3,5-Diiodo-**Pyridoxine**

- x *Vitamin B₆*

Pyrimidine, 4-Amino-5-(Bromoethyl)-2-Methyl-**Pyrimidine, 4-Amino-5-(Bromomethyl)-2-Methyl-****Pyrimidine, 4-Amino-5-(Butoxymethyl)-2-Methyl-****2, 4(1, 3)-Pyrimidinedione**

- see* *Uracil*

Pyrimidines

2,4,5,6,(1H,3H)-Pyrimidinetetrone

see Alloxan

2(1)-Pyrimidone, 4-Amino-

*see Cytidine***Pyrites**

x Iron Pyrites

xx Iron Sulfides

Pyrocatechol

x Catechol

Pyrochlores

x Hatchettolites

Pyrogalllic Acid*see Pyrogallol***Pyrogallol**

x Pyrogalllic Acid

Pyrohydrolytic Analysis

x Hydrolytic Analysis

xx Analysis

Pyrometallurgical Processes*see Alloy Separation Processes**High Temperature Separation Processes***Pyrometers***see also Thermocouples**Thermometers*

x Meters

Optical Pyrometers

Radiation Pyrometers

xx Thermocouples

Thermometers

Pyrometry*see also Thermometry*

xx Temperature

Thermometry

Pyromorphites*see also Apatites***4-Pyrone****4-Pyrone, 5-Hydroxy-2-(Hydroxymethyl)-**

x Kojic Acid

Pyrophoricity**Pyrophosphates***see also Cerium Pyrophosphates**Copper Pyrophosphates**Germanium Pyrophosphates**Manganese Pyrophosphates**Sodium Pyrophosphates**Thorium Pyrophosphates**Uranium Pyrophosphates**Zirconium Pyrophosphates*

xx Phosphates

Pyrophosphoramide, Octamethyl-

xx Insecticides

Pyrophosphoric Acid, Alkyl Esters

x Octyl Pyrophosphates

xx Phosphoric Acid Esters

Pyrophosphoric Acid, Tetraethyl Ester

xx Phosphoric Acid Esters

Pvrophyllites**Pyrosulfuryl Fluoride**

xx Fluorides

Sulfuryl Fluoride

Pyrotrons*see Magnetic Mirror Machines***Pyrozine Process**

xx Separation Processes

Pyrrole, 2-Acetyl-*see Ketone, Methyl 2-Pyrrolyl***2,3-Pyrrolidinedione, 1,5-Diphenyl-****2-3 Pyrrolidinedione, 1-(4-Nitrophenyl)-5-Phenyl-****2,5-Pyrrolidinediones***see Succinimides***Pyrrolidone, Vinyl-****Pyrrolidone, Vinyl- Polymers**

x Periston

xx Polymers

Pyruvate Ions**Pyruvates****Pyruvic Acid****Pyruvotrile****Q****Q**

x Figure of Merit

Q Cumber*see Magnetic Mirror Machines***Quadrupole Moments***see Electric Moments**Magnetic Moments***Quality Control***see also Sampling***Quantometers***see also Spectrometers*

x Meters

xx Spectrometers

Quantometric Analysis*see Spectroscopy***Quantum Electrodynamics***see also Field Theory**Quantum Mechanics*

xx Electrodynamics

Field Theory

Quantum Mechanics

Quantum Mechanics*see also Mathematics**Physics**Quantum Electrodynamics*

xx Light

Mechanics

Quantum Electrodynamics

Quantum Physics*see Nuclear Physics***Quartz***see also Sands**Silicon Oxides*

x Flint

xx Sands

Quartz Crystals

xx Crystals

Quartz Fibers*(For quartz fiber dosimeters see also Radiation Detection Instruments**(Ion Current Type))*

x Fibers

Quartz Molds

xx Molds

Quaternary Ammonium Compounds*see Ammonium Compounds, Quaternary***Quaterphenyl**

xx Polyphenyls

Queenie Analyzer*see Scales***Quenching Circuits**

xx Circuits

Quercetin**Quinaldine**

x Quinoline, 2-Methyl-

Quinaldine, Lithium Derivatives

xx Lithium Derivatives

Quinalizarin**Quinhydrone Complexes****Quinhydrone Electrodes**

xx Electrodes

Quinhydrone**Quinine**

xx Alkaloids

Quinizarin

x Anthraquinone, 1,4-Dihydroxy-

Quinizarin-2-Sulfonic Acid**Quinoline, 2-Fluoro-****Quinoline, 8-Hydroxy-**

see 8-Quinolinal

Quinoline, 2-Methyl-

see Quinaldine

Quinoline, 4-Methyl-2-Phenyl-**Quinoline Oxalate****Quinolines****Quinolines, Fluoro-****5-Quinolinesulfonic Acid, 8-Hydroxy-****5-Quinolinesulfonic Acid, 8-Hydroxy-7-Iodo-**

x Ferron

8-Quinolinal

x Oxine

Quinoline, 8-Hydroxy-

8-Quinolinal Chelates

x Oxinates

xx Chelates

8-Quinolinal, 5,7-Dichloro-**8-Quinolinal, 5,7-Dihalo- Chelates**

xx Chelates

8-Quinolinal, 2-Methyl-**8-Quinolinal, 4-Methyl-****8-Quinolinal-5-Sulfonic Acid**

see 5-Quinolinesulfonic Acid, 8-Hydroxy-

Quinone, 2,5-Dichloro-3,6-Dihydroxy-

x Chloranilic Acid

Quinone, 2,5-Dichloro-3,6-Dihydroxy-, Zirconium Salts

xx Zirconium Salts

Quinone, 2,5-Dihydroxy-**Quinone, Tetrachloro-**

see Chloranil

Quinone, Tetramethyl-

see Duroquinone

Quinones**R****R-0 Reactor**

see Swedish Reactors (R-0)

R-1 Reactor

see Initial Engine Test

R-1 Reactor (Swedish)

see SLEEP Reactor

R-2 Reactor (Sweden)

see Swedish Reactors (R-2)

R-3 Reactor (Sweden)

see Swedish Reactors (R-3)

Rabbits

xx Animals

Rabbits

xx Uranium Minerals

Uranyl Carbonates

Racah Coefficients

xx Constants and Conversion Factors

F Coefficients

Mathematics

Radar

see also Microwaves

Radiation

see also Actinic Radiations

Alpha Particles

Beta Particles

Bremsstrahlung

Cathode Rays

see also Cherenkov Radiation

Cosmic Radiation

Cyclotron Radiation

Electromagnetic Waves

Gamma Radiation

Infrared Radiation

Microwaves

Nuclear Particles

Nucleons

Photons

Radiation Sources

Radio Waves

Thermal Radiation

Ultraviolet Radiation

X Radiation

x Nuclear Radiation

xx Nuclear Particles

Stack Disposal

Radiation-Absorption Analysis

see Gamma-Absorption Analysis

X-Ray-Absorption Analysis

Radiation Belts

see Van Allen Radiation Belts

Radiation Biology

see Radiobiology

Radiation Chemistry

see also Radiochemistry

x Chemical Effects of Nuclear Transformations

Radiolysis

xx Chemistry

Nuclear Chemistry

Radiation Cross Sections

see Cross Sections

Radiation Damage

see also Radiation Injuries

xx Radiation Injuries

Radiation Detection Instruments

(A complete instrument, not necessarily including the radiation detector component)

see also Coincidence Counters

Radiation Detectors

Radiological Telemetering Systems

Rate Meters

Scalers

x Counters

Detection Instruments

xx Counting Devices

Electronics

Health Physics

Instruments

Radiation

Radiation Detectors

Radiation Protection

Safety Hazards

Radiation Detection Instruments (Audio Pulse Type)

(Covering only those instruments which are limited to audible signals For instruments which report by audible and other means see also Rate Meters and Scalers)

x Audio Pulse Type Radiation Detection Instruments

Pulse Type Radiation Detection Instruments

Radiation Detection Instruments (Colorimetric)

(Including crystal and chemical indicators For the detector components see also Chemical Radiation Detectors)

x Colorimetric Radiation Detection Instruments

Dosimeters

xx Chemical Radiation Detectors

Crystal Detectors

Radiation Detection Instruments (Ion Current Type)

(Integration of the pulses takes place in the detector component, reports in c/m, mr/hr, etc., including fiber and electronic electrostatic indicators, e.g., quartz fiber dosimeters, for instruments integrating the pulses in the circuit see also Rate Meters)

(Continued)

see also Radiation Detection Instruments (Pulse Type)

Vibrating Reed Electrometers

- x Current Type Radiation Detection Instruments
 - Dosimeters
 - Electroscopes
 - Integrators
 - Ion Current Type Radiation Detection Instruments
 - Personnel Meters
 - Scintillators
 - Survey Meters
- xx Current Integrators
 - Electrometers
 - Quartz Fibers
 - Radiation Detection Instruments (Pulse Type)
 - Radioelectric Cells
 - Rate Meters

Radiation Detection Instruments (Pulse Type)

(Receiving discrete pulses from the radiation detector component, these instruments are sometimes called counters)

see also Radiation Detection Instruments (Ion Current Type)

- x Pulse Counters
 - Pulse Type Radiation Detection Instruments
 - Scintillation Counters
- xx Geiger-Mueller Tubes
 - Radiation Detection Instruments (Ion Current Type)

Radiation Detectors

(Sensing components for specific radiation detectors, sometimes called counters.)

see also Bubble Chambers

Chemical Radiation Detectors
Cherenkov Detectors
Cloud Chambers
Cloud-Ion Chambers
Crystal Detectors
Fission Chambers
Geiger-Mueller Tubes
Ionization Chambers
Luminescent Detectors
Metal-Foil Detectors
Parallel Plate Detectors
Photoelectric Cells
Photographic Film Detectors
Photomultiplier Tubes
Plastic-Film Detectors
Pocket Chambers
Proportional Detectors
Radiation Detection Instruments
Radioelectric Cells
Scintillation Detectors
Semiconductor Detectors
Spark Detectors

- x Counters
 - Detectors
 - Pulse Counters
- xx Counting Devices
 - Electronics
 - Instruments
 - Radiation
 - Radiation Detection Instruments

Radiation Effects

- x Chemical Effects of Nuclear Transformations

Radiation Effects Reactor

- x RER
- xx Research Reactors

Radiation Exposure Chambers

- x Exposure Chambers
- Irradiation Chambers

Radiation Injuries

see also Radiation Damage

Radiation Sickness

- x Injuries
- xx Radiation Damage

Radiation Sickness

Radiation Monitoring

see also Aerial Surveying

- x Monitoring
 - Radiological Monitoring
 - Special Hazards

Radiation Phantoms

see Phantoms

Radiation Protection

(General aspects of the problem concerning personnel)

see also Health Physics

Radiation Detection Instruments

Remote-Control Equipment

Shielding

- x Protection from Radiation
- xx Health Physics
 - Radiation Monitoring
 - Safety Hazards

Radiation Pyrometers

see Pyrometers

Radiation-Scattering Analysis

see also Beta-Diffraction Analysis

Neutron-Diffraction Analysis

Proton-Scattering Analysis

X-Ray-Diffraction Analysis

- xx Analysis

Radiation Shielding

see Shielding

Radiation Sickness

see also Radiation Injuries

- x Sickness
- xx Radiation Injuries

Radiation Sources

(See also main headings for sources of specific radiations, e g , Ion Sources, Alpha Sources, Gamma Sources)

see also Irradiation Facilities

Radioapplicators

- x Sources
- xx Irradiation Facilities
 - Radiation
 - Radioapplicators

Radiation Target Cans

see also Slug Cans

- x Cans and Canning
 - Irradiation Capsules
- xx Irradiation Techniques
 - Slug Canning
 - Slug Cans

Radiation Target Theory

Radiation Targets

see also Materials Testing Accelerator Targets

- x Accelerator Targets
 - Activation of Targets
 - Targets

Radiation Therapy

see Radiotherapy

Radiators

Radicals

(See also specific radicals, e g , Hydroxyl Radicals, see also specific ions, e g , Iron(III) Ions)

see also Free Radicals

Radio Astronomy

Radio Receivers

- x Receivers

Radio Tuning Circuits

- x Tuning Circuits
- xx Circuits

Radio Waves

see also Microwaves

Radar

- x Waves
- xx Electromagnetic Waves

Radiation
 Radio Well Logging
 see Well Logging
 Radioactivation Analysis
 see Radiometric Analysis
Radioactive Contamination
 see also Decontamination
 Stack Disposal
 Waste Disposal
 xx Contamination
 Radioactive Elements
 see Radioisotopes
Radioactive Gas Separation Processes
 (Processes for the disposal of radioactive gases from various separation processes)
 xx Separation Processes
 Radioactive Isotopes
 see Radioisotopes
Radioactive Materials
Radioactive Minerals
 (See also specific radioactive minerals, e.g., Pitchblende, see also ores of radioactive minerals, e.g., Uranium Ores)
 x Radioactive Ores
 Trinitite
 xx Minerals
 Ores
 Radioactive Ores
 see Radioactive Minerals
Radioactive Static Eliminators
 x Static Eliminators
Radioactive Voltage Generators
 (Devices primarily intended as sources of potential difference and not as current or power sources)
 xx Electrostatic Generators
 Nuclear Batteries
Radioactive Waters
 xx Ground Waters
 Natural Waters
 Water
Radioactivity
 see also Decay Curves
 Decay Schemes
 Induced Radioactivity
Radioapplicators
 see also Radiation Sources
 x Radioisotope Applicators
 Radium Needles
 Radium Plaques
 xx Radiation Sources
Radioautography
 see also Nuclear Emulsions
 Photographic Film Detectors
 Radiography
 x Autoradiography
 xx Analysis
 Radiography
Radiobiology
 xx Biology
 Irradiation Techniques
Radiochemical Processing Plants
 see also Arco Chemical Plant
 x Chemical Processing Plants
 Processing Plants
 xx Plants
Radiochemistry
 xx Chemistry
 Nuclear Chemistry
 Organic Chemistry
 Radiation Chemistry
 Radiocolloids
 see Colloids
Radiodermatitis

x Dermatitis
Radiodiagnosis
 x Diagnosis
Radioelectric Cells
 (For only those radioconductive cells not covered by the heading Crystal Detectors May be used for the detection of neutrons and alpha, beta, and gamma radiation For radiovoltaic cells see Photoelectric Cells)
 see also Radiation Detection Instruments (Ion Current Type)
 x Cells
 Electric cells
 xx Photoelectric Cells
 Radiation Detectors
Radiofrequency Attenuators
 x Attenuators
Radiofrequency Generators
 see also Pulse Generators (Electronics)
 xx Generators
Radiofrequency Oscillators
 xx Oscillators
Radiofrequency Spectrometers
 see also Microwave Spectrometers
 xx Microwave Spectrometers
 Spectrometers
 Radiographic Inspection
 see Radiography
Radiography
 see also Neutron Photography
 Photographic Film Detectors
 Radioautography
 Tomography
 x Historadiography
 Microradiography
 Photographic Plate Techniques
 Radiographic Inspection
 Xeroradiography
 xx Analysis
 Radioautography
 Tomography
 X-Ray Equipment
 Radioisotope Applicators
 see Radioapplicators
Radioisotopes
 (See also specific isotopes)
 see also Fission Products
 x Radioactive Elements
 Radioactive Isotopes
 xx Fission Products
 Isotopes
 Tracer Techniques
Radiological Defense
 see also Civilian Defense
 Radiological Warfare
 x Defense
 xx Atomic Weapons
 Civilian Defense
 Warfare
 Radiological Field Laboratories
 see Field Laboratories
 Radiological Monitoring
 see Radiation Monitoring
Radiological Telemetering Systems
 xx Radiation Detection Instruments
 Telemetering Systems
Radiological Warfare
 see also Civilian Defense
 Radiological Defense
 xx Atomic Explosions
 Atomic Weapons
 Civilian Defense
 Radiological Defense
 Warfare

Radiological Warfare Agents

(See also specific agents.)

see also Chemical Warfare Agents

x Weapons

xx Chemical Warfare Agents

Radiological Warfare Targets

x Targets

Radiological Weapons

x Weapons

Radiology**Radiolysis**

see Radiation Chemistry

Radiometers

x Meters

Radiometric Analysis

x Neutron Activation Analysis

Radioactivation Analysis

xx Activation Analysis

Analysis

Radiometric Thickness Gages

see Thickness Gages

Radiometric Well Logging

see Well Logging

Radiomimetic Substances**Radiopasteurization**

see Radiosterilization

Radiosensitivity**Radiosterilization****Radiotherapy**

xx Irradiation Techniques

Therapy

Radiotoxicity

xx Toxicity

Radium**Radium Bromides****Radium Cake**

x Pitchblende Residues

Radium Carbonates**Radium Chlorides****Radium Chromates**

xx Chromates

Radium Citrates

xx Citrates

Radium Complexes**Radium Compounds****Radium Fluorides****Radium Ions****Radium Isotopes****Radium Isotopes Ra²¹²****Radium Isotopes Ra²¹³****Radium Isotopes Ra²²⁰****Radium Isotopes Ra²²¹****Radium Isotopes Ra²²²****Radium Isotopes Ra²²³**

x Actinium Isotopes (AcTh)

Radium Isotopes Ra²²⁴

x Peteosthor

Thorium Isotopes (ThX)

Radium Isotopes Ra²²⁵**Radium Isotopes Ra²²⁶****Radium Isotopes Ra²²⁷****Radium Isotopes Ra²²⁸**x Thorium Isotopes (MsTh₁)**Radium Isotopes Ra²²⁹****Radium Isotopes Ra²³⁰****Radium Isotopes (RaA)**see Polonium Isotopes Po²¹⁸**Radium Isotopes (RaB)**see Lead Isotopes Pb²¹⁴**Radium Isotopes (RaC)**see Bismuth Isotopes Bi²¹⁴**Radium Isotopes (RaC')**see Polonium Isotopes Po²¹⁴**Radium Isotopes (RaC'')**see Thallium Isotopes Tl²¹⁰**Radium Isotopes (RaD)**see Lead Isotopes Pb²¹⁰**Radium Isotopes (RaE)**see Bismuth Isotopes Bi²¹⁰**Radium Isotopes (RaF)**see Polonium Isotopes Po²¹⁰**Radium Isotopes (RaG)**see Lead Isotopes Pb²⁰⁷**Radium Needles**

see Radioapplicators

Radium Ores

xx Ores

Radium Plaques

see Radioapplicators

Radium Poisoning

xx Poisoning

Radium Sulfates**Radon**

see also Rare Gases

x Emanation

Radon-Argon Systems

see Argon-Radon Systems

Radon Compounds**Radon Isotopes****Radon Isotopes Rn²⁰⁴****Radon Isotopes Rn²⁰⁶****Radon Isotopes Rn²⁰⁷****Radon Isotopes Rn²⁰⁸****Radon Isotopes Rn²⁰⁹****Radon Isotopes Rn²¹⁰****Radon Isotopes Rn²¹¹****Radon Isotopes Rn²¹²****Radon Isotopes Rn²¹⁶****Radon Isotopes Rn²¹⁷****Radon Isotopes Rn²¹⁸****Radon Isotopes Rn²¹⁹**

x Actinon

Radon Isotopes (An)

Radon Isotopes Rn²²⁰

x Radon Isotopes (Tn)

Thoron

Radon Isotopes Rn²²¹**Radon Isotopes Rn²²²****Radon Isotopes Rn²²³****Radon Isotopes Rn²²⁴****Radon-Krypton Systems**

see Krypton-Radon Systems

Radon-Neon Systems

see Neon-Radon Systems

Raffinose**RAGS Process**

see Radioactive Gas Separations Process

Rain Water

xx Water

Raincoat Process

see Slug Canning

Rainier Burst

x Underground Bursts (Atomic)

xx Plumbob Operation

Rainy Day Mine (Utah)**RaLa Process**

xx Separation Processes

Raleigh Research Reactor

see North Carolina Research Reactor

Raman Effect**Ramjet Engines**

x Engines

Jet Engines

Ramjets

- x Nuclear Ramjets
- xx Aircraft
- Rare Ores
 - see *Uranium Ores*
- Ranger Operation**
 - x Operations
- Ranquillites**
 - xx Uranium Minerals
- Rare Earth Acetates**
 - xx Acetates
- Rare Earth Alloys**
 - see also *Misch Metal*
 - xx Alloys
- Rare Earth–Aluminum Alloys
 - see *Aluminum–Rare Earth Alloys*
- Rare Earth Arsenates**
 - xx Arsenates
- Rare Earth–Beryllium Alloys
 - see *Beryllium–Rare Earth Alloys*
- Rare Earth Borides**
 - xx Borides
- Rare Earth Bromates**
 - xx Bromates
- Rare Earth Bromides**
 - xx Bromides
- Rare Earth Carbides**
 - xx Carbides
- Rare Earth Carbonates**
 - xx Carbonates
- Rare Earth Chelates**
 - xx Chelates
- Rare Earth Chlorides**
 - xx Chlorides
- Rare Earth–Cobalt Alloys
 - see *Cobalt–Rare Earth Alloys*
- Rare Earth Complexes**
 - x Complexes
- Rare Earth Compounds**
- Rare Earth Deuterides**
 - xx Deuterides
- Rare Earth Ferrates (III)**
 - xx Ferrates
- Rare Earth Fluorides**
 - xx Fluorides
- Rare Earth Gallates**
 - xx Gallates
- Rare Earth Glasses**
 - xx Glass
- Rare Earth–Gold Alloys
 - see *Gold–Rare Earth Alloys*
- Rare Earth Halides**
 - xx Halides
- Rare Earth Hydrides**
 - xx Hydrides
- Rare Earth Hydroxides**
- Rare Earth Ions**
- Rare Earth–Iron Alloys
 - see *Iron–Rare Earth Alloys*
- Rare Earth Isotopes**
 - xx Isotopes
- Rare Earth–Magnesium Alloys
 - see *Magnesium–Rare Earth Alloys*
- Rare Earth–Magnesium–Manganese Alloys
 - see *Magnesium–Manganese–Rare Earth Alloys*
- Rare Earth–Magnesium–Plutonium–Uranium Alloys
 - see *Magnesium–Plutonium–Rare Earth–Uranium Alloys*
- Rare Earth–Magnesium–Zirconium Alloys
 - see *Magnesium–Rare Earth–Zirconium Alloys*
- Rare Earth–Manganese Alloys
 - see *Manganese–Rare Earth Alloys*
- Rare Earth Minerals**
 - see also *Allanites*
- see also *Cerianites*
- Cerites*
- Stilwellites*
- xx Minerals
- Rare Earth–Nickel Alloys
 - see *Nickel–Rare Earth Alloys*
- Rare Earth Niobates**
 - xx Niobates
- Rare Earth Nitrates**
 - xx Nitrates
- Rare Earth Nitrides**
 - xx Nitrides
- Rare Earth Oxalates**
 - xx Oxalates
- Rare Earth Oxide–Aluminum Systems
 - see *Aluminum–Rare Earth Oxide Systems*
- Rare Earth Oxide–Titanium Systems**
- Rare Earth Oxides**
 - xx Oxides
- Rare Earth Oxychlorides**
 - xx Oxychlorides
- Rare Earth Oxyfluorides**
 - xx Oxyfluorides
- Rare Earth Oxysulfides**
 - xx Oxysulfides
- Rare Earth Perchlorates**
 - xx Perchlorates
- Rare Earth Phosphates**
 - xx Phosphates
- Rare Earth Salts**
 - see also *Acetic Acid, (Ethylenediamine)-Tetra-, Rare Earth Salts*
- Rare Earth Silicates**
 - xx Silicates
- Rare Earth Silicides**
 - xx Silicides
- Rare Earth Stannates**
 - xx Stannates
- Rare Earth Sulfates**
 - xx Sulfates
- Rare Earth Sulfides**
 - xx Sulfides
- Rare Earth Tellurides**
 - xx Tellurides
- Rare Earth–Titanium Alloys**
- Rare Earth–Uranium Alloys**
- Rare Earth Vanadates**
 - xx Vanadates
- Rare Earths**
 - see also *Actinides*
 - Cerium*
 - Dysprosium*
 - Erbium*
 - Europium*
 - Gadolinium*
 - Holmium*
 - Lanthanum*
 - Lutetium*
 - Neodymium*
 - Praseodymium*
 - Promethium*
 - Samarium*
 - Scandium*
 - Terbium*
 - Thulium*
 - Ytterbium*
 - Yttrium*
- x Earths
 - Lanthanides
 - Lanthanons
- xx Actinides
- Rare Gases**
 - see also *Argon*
 - (Continued)

see also Helium

Krypton

Neon

Radon

Xenon

x Inert Gases

Noble Gases

xx Gases

Raschig Rings

see Column Packing

Rate Meters

(Integration of the pulses takes place outside of the detector, for instruments integrating the pulses in the detector component see also Radiation Detection Instruments (Ion Current Type).)

x Dosimeters

Meters

Survey Meters

xx Radiation Detection Instruments

Radiation Detection Instruments (Audio Pulse Type)

Radiation Detection Instruments (Ion Current Type)

Rats

Rauvites

xx Uranium Minerals

RCPA Reactor

see Elk River Power Reactor

RDX

see s-Triazine, Hexahydrotrinitro-

RE-775

see DIDO Reactors

Reaction Kinetics

see Reaction Mechanisms

Reaction Mechanisms

(Limited to chemical reaction mechanisms)

see also Gaseous Reactions

Organic Syntheses

Photochemistry

Photosynthesis

Solid State Reactions

Szilard-Chalmers Reactions

x Chemical Reactions

Kinetics

Mechanisms

Reaction Kinetics

xx Organic Chemistry

Organic Syntheses

Reactions

see Cannizzaro Reaction

Chain Reactions

Friedel-Crafts Reactions

Gaseous Reactions

Grignard Reaction

High-Temperature Reactions

Nuclear Reactions

Perkin Reaction

Prins Reaction

Solid State Reactions

Surface Reactions

Szilard-Chalmers Reactions

Thermonuclear Reactions

Willgerodt Reaction

Reactivity

see Multiplication Factor

Reactivity Measurement Facility

see also Danger Coefficient Test Facility

x RMF

Reactor Atmospheres

see also Reactor Coolants

xx Atmospheres

Reactor Blankets

see Breeder Reactors

Reactor Breeding Blankets

(See also specific materials used for breeding blankets)

x Blankets

Breeding Blankets

Reactor Breeding Elements

(See also Slug Elements and Slugs containing fertile material, e g , Slugs (Th).)

x Breeding Elements

xx Slug Elements

Reactor Catastrophe Studies

see Reactor Safety

Reactor Components

Reactor Control Elements

x Control Elements

Reactor Fuses

xx Reactor Safety

Reactor Control Rods

(Including shims.)

see also Reactor Control Systems

Servomechanisms

x Control Rods

Poison Columns

Reactor Poison Columns

Safety Rods

Shims

xx Reactor Control Systems

Reactor Safety

Reactor Control Systems

(Including rods, circuits, servomechanisms, etc.)

see also Reactor Control Rods

Servomechanisms

x Control Systems

xx Reactor Control Rods

Reactor Safety

Reactor Coolants

(See also headings in the form, Gas Cooled Reactors)

x Coolants

xx Reactor Atmospheres

Reactor Cooling Systems

Reactor Design

see Reactor Engineering

Reactor Engineering

x Engineering

Reactor Design

xx Nuclear Engineering

Reactor Experimental Facilities

(See also specific reactors designed particularly as experimental facilities)

see also Reactor Thermal Columns

x Experimental Facilities

xx Reactor Thermal Columns

Reactor Experiments

see Neutron Production Reactor Experiments

Submarine Intermediate Reactor Experiments

Reactor Fuel Alloys

(See also specific alloys used as reactor fuels)

see also Reactor Fuels

Reactor Slurries

x Fuel Alloys

xx Reactor Fuels

Reactor Slurries

Reactor Fuel Alloys (Liquid)

x Fuel Alloys (Liquid)

xx Metals (Liquid)

Reactor Fuels

Reactor Fuel Disks

x Fuel Disks

xx Disks

Reactor Fuel Elements

Reactor Fuel Elements

see also Long Cartridges

Reactor Fuel Disks

Reactor Fuel Pins

Reactor Fuel Plates

see also Reactor Fuel Rods
Reactor Fuel Sheets
Reactor Fuel Tubes
Reactor Fuel Wires
Slug Elements
 x Fuel Elements
Reactor Fuel Elements (Ceramic)
 xx Ceramic Materials
Reactor Fuel Elements (Dispersion)
 x Dispersion Fuel Elements
Reactor Fuel Elements (Impregnated)
(Moderator impregnated with fuel)
see also Beryllium Oxides (Impregnated)
Graphite (Impregnated)
 xx Beryllium Oxides (Impregnated)
 Graphite (Impregnated)
 Impregnation
Reactor Fuel Elements (Thermoelectric)
 x Thermoelectric Fuel Elements
Reactor Fuel Pins
 x Fuel Pins
 Pins
Reactor Fuel Plates
 x Fuel Plates
 xx Plates
 Reactor Fuel Elements
Reactor Fuel Rods
 x Fuel Rods
 xx Reactor Fuel Elements
 Rods
Reactor Fuel Sheets
 x Fuel Sheets
 xx Reactor Fuel Elements
 Sheets
Reactor Fuel Spheres
 xx Spheres
Reactor Fuel Systems
Reactor Fuel Tapes
 x Plastic Fuel Tapes
Reactor Fuel Tubes
 x Fuel Tubes
 xx Reactor Fuel Elements
 Tubes
Reactor Fuel Wires
 x Fuel Wires
 Wires
 xx Reactor Fuel Elements
Reactor Fuels
(Specific fused fuels may be identified in the form Reactor Fuels
(Fused Salts), see also specific materials used as reactor fuels)
see also Reactor Fuel Alloys
Reactor Slurries
Reactor Solutions
 xx Reactor Fuel Alloys
 Reactor Slurries
 Reactor Solutions
Reactor Fuels (Fused Hydroxides)
 x Fused Hydroxide Fuels
 xx Hydroxides
Reactor Fuels (Fused Salts)
 x Fuel Salts
 Fused Salt Fuels
Reactor Fuses
see Reactor Control Elements
Reactor Hazards
see Reactor Safety
Reactor Materials
(See also specific materials of use in reactors , e g , Graphite and
Beryllium, and the general headings Reactor Moderators, etc)
see also Building Materials
Reactor Shielding
 xx Concretes

Metals
 Reactor Moderators
Reactor Matrices
see also Critical Assemblies
 x Matrices
Reactor Mockups
see Critical Assemblies
Materials Testing Reactor Mockup
Reactor Moderators
(See also headings in the form, Beryllium Moderated Reactors.)
 x Moderators (Reactor)
 xx Reactor Materials
Reactor Multiplication Factor
see Multiplication Factor
Reactor Oscillators
 xx Oscillators
Reactor Poison Columns
see Reactor Control Rods
Reactor Power Plants
see Naval Reactor Power Plants
Reactor Reflectors
 x Reactor Tamper
 Reflectors
 Tamper
Reactor Safety
see also Criticality Studies
Reactor Control Elements
Reactor Control Rods
Reactor Control Systems
 x Reactor Catastrophe Studies
 Reactor Hazards
 xx Disasters
 Safety
Reactor Safety Experiments
see also Boiling Reactors
 x Argonne Transient Reactor Test Facility
 KEWB
 Kinetic Experiments on Water Boilers
 Special Power Excursion Reactor Tests
 SPERT
 Transient Reactor Test (TREAT)
 xx Research Reactors
Reactor Shield Ducts
see Reactor Shield Voids
Reactor Shield Voids
 x Ducts
 Reactor Shield Ducts
 Shield Ducts
 Shield Voids
 Voids
Reactor Shielding
see also Shielding
 xx Reactor Materials
 Shielding
Reactor Simulators
see also Computers
 x Analogs
 Simulators
 xx Computers
Reactor Slurries
(See also specific reactors using slurries, see also specific slurries
in the form Uranium Oxide Slurries and special materials slurred)
see also Reactor Fuel Alloys
Reactor Fuels
Reactor Solutions
 xx Reactor Solutions
 Slurries
Reactor Solutions
(See also specific reactors using solutions, see also materials
dissolved See also specific solutions in the form Uranyl Sulfate—
Water Systems)
see also Reactor Fuels
(Continued)

see also Reactor Slurries

xx Reactor Fuels
Reactor Slurries

Reactor Stability

see Multiplication Factor

Reactor Tamperers

see Reactor Reflectors

Reactor Testing Station

see National Reactor Testing Station

Reactor Thermal Columns

see also Reactor Experimental Facilities

x Columns
Thermal Columns
xx Neutron Sources
Reactor Experimental Facilities

Reactor Tubes

xx Tubes

Reactors

(*See also* general headings for types of reactors, as listed below for the names of specific reactors of each type For reaction vessels, *see also* Mixers, Pressure Vessels, Tanks, and Vessels)
see also Aircraft Reactors

Army Reactors
Boiling Reactors
Breeder Reactors
British Reactors
Critical Assemblies
Enriched Reactors
Exponential Piles
Fast Reactors
Fluid Fuel Reactors
Gas Cooled Reactors
Gaseous Fuel Reactors
Graphite Moderated Reactors
Heavy Water Reactors
Heterogeneous Reactors
Homogeneous Reactors
Hydrogen Moderated Reactors
Hydroxide Moderated Reactors
Intermediate Reactors
Liquid Metal Cooled Reactors
Maritime Reactors
Naval Reactors
Organic Cooled Reactors
Organic Moderated Reactors
Package Power Reactors
Power Breeder Reactors
Power Reactors
Pressurized Water Reactors
Production Reactors
Reflector Moderated Reactors
Research Reactors
Rocket Reactors
Russian Reactors
Swimming Pool Reactors
Thermal Reactors
Water Cooled Reactors
Water Moderated Reactors

x Nuclear Reactors
Piles

Reagents

see Chemicals and Reagents
Flotation Reagents
Grignard Reagents

Rebatron

see Microwave Oscillators

Receivers

see Frequency Modulation Receivers
Radio Receivers

Reciprocating Engines

see Piston Engines

Recoil Ionization

xx Ionization

Recoil Ions

see also Arsenic Ions (Recoil)
Beryllium Ions (Recoil)
Bromine Ions (Recoil)
Fission Recoils
Gold Ions (Recoil)
Indium Ions (Recoil)
Iodine Ions (Recoil)
Lithium Ions (Recoil)
Sodium Ions (Recoil)

xx Ions

Recorders

see Data Recording Systems
Magnetic Recording Systems

Recovery

see Waste Recovery

Rectifiers

see also Electron Tubes
Power Supplies

x Ignitrons
xx Power Supplies

Recuplex Process

(Recovery of plutonium from slag and crucibles with tributyl phosphate and the preparation of feed for the PPF Process)

Red Lead

see Lead(II-IV) Oxides

Redox Process

x Job 15 (Kellex Corporation)
xx Separation Processes

Redox Slugs

see Slug Elements (Depleted)

Reducing Agents

(*See also* specific compounds used for reducing)
xx Chemicals and Reagents
Reduction

Reduction

see also Reducing Agents

Redwing Operation

x Operations

Reference Electrodes

see Standard Electrodes

Reflection

see also Mirrors

Reflectometers

x Meters

Reflector Moderated Reactors

x Compact Core Reactors
xx Reactors

Reflectors

see Reactor Reflectors

Refraction

see also Birefringence

x Refractive Index
xx Refractometry

Refractive Index

see Refraction

Refractometers

x Meters

Refractometric Analysis

see Refractometry

Refractometry

see also Refraction
x Refractometric Analysis

Refractory Coatings

(*See also* coatings by name of material.)

see also Ceramic Coatings

x Refractories and Crucibles
xx Ceramic Coatings
Coatings

Refractory Materials

(*See also* specific materials)

see also Ceramic Materials

x Refractories and Crucibles

xx Ceramic Materials

Refrigerants

Refrigeration

see also Traps

Registers

see Counting Devices

Regulating Rods

see Reactor Control Rods

Regulators

see Current Regulators

Frequency Regulators

Level Regulators

Power Supplies

Pressure Regulators

Thermostats

Voltage Regulators

Relativity Theory

Relays

x Electronic Relays

Remote-Control Equipment

see also Laboratory Equipment

Servomechanisms

x Control

Manipulators

xx Equipment and Procedures

Laboratory Equipment

Radiation Protection

Safety Hazards

Servomechanisms

Titration Equipment

Remote-Viewing Equipment

see also Periscopes

Television Equipment

xx Optical Systems

Renardites

rep

see Roentgen Equivalent Physical

Replicas

see Biological Models

Report Lists

see Bibliographies

Reports

see Technical Reports

Reproduction (Animal)

see Animal Reproduction

Litter Sizes

Reproduction Factor

see Multiplication Factor

Reptiles

RER

see Radiation Effects Reactor

Research and Isotope Reactor

see Production Reactors

Research Development Reactor

see Materials Testing Reactor

Research Reactors

see also Advanced Engineering Test Reactor

Advanced Test Reactor

Air Force Engineering Test Reactor

Aircraft Shield Test Reactor

Arbor Reactor

Argonaut Reactor

Argonne Fast Source Reactor

Argonne Graphite Reactor

Argonne Heavy Water Reactor

Argonne High Flux Research Reactor

Argonne Low Power Research Reactor

Argonne Mighty Mouse Research Reactor

Argonne Research Reactor

Armour Dust Fueled Reactor

see also Armour Research Reactor

Belgian Reactor-I

BEPO

Beryllium Oxide Reactor Experiment

Boiling Reactor Experiments

Brookhaven Beam Research Reactor

Brookhaven Medical Reactor

Brookhaven Neutron Source Reactor

Brookhaven Reactor

Bulk Shielding Facility

Danger Coefficient Test Facility

DIDO Reactors

Engineering Test Reactor

Experimental Boiling Water Reactor

Experimental Breeder Reactor

Fontenay-aux-Roses Reactors (Triton)

General Electric Test Reactor

GLEEP

Grenoble Reactors (Melusine)

Ground Shield Test Reactor

Hanford Test Reactor

Hanford Thermal Test Reactor

Homogeneous Reactor Experiment

Homogeneous Reactor Experiment-IV

Homogeneous Reactor Test

Initial Engine Test

Intermediate Scale Homogeneous Reactor

JEEP Reactor

JEEP Reactor-II

KAPL Proof Test Reactor

KAPL Thermal Test Reactor

LIDO

Liquid Metal Fuel Reactor

Livermore Pool Type Reactor

Los Alamos Fast Reactor

Los Alamos Molten Plutonium Reactor Experiments

Los Alamos Omega West Reactor

Los Alamos Power Reactor Experiments

Los Alamos Water Boiler

Low Power Research Reactor

Lynchburg Test Reactor

Materials Testing Reactor

Materials Testing Reactor Mockup

Michigan Research Reactor

MIT Research Reactor

Molten Salt Reactor Experiment

NASA Research Reactor

North Carolina Research Reactor

NRL Research Reactor

NRU Reactor

NRX Reactor

Nuclear Test Reactor

Organic-Cooled Deuterium Reactor

Organic Moderated Reactor Experiment

ORNL Fast Burst Reactor

ORNL Graphite Reactor

ORNL High Flux Isotope Reactor

ORNL Research Reactor

Pennsylvania Research Reactor

Physical Constant Testing Reactor

Plutonium Recycle Test Reactor

Radiation Effects Reactor

Reactor Safety Experiments

Saclay Reactors (Aquilon)

Saclay Reactors (EL-2)

Saclay Reactors (EL-3)

Saclay Reactors (Proserpine)

Sandia Engineering Reactor

Sandia Pulsed Reactor

Savannah River Components Test Reactor

Savannah River Reactor Mockup

Savannah River Test Reactor

(Continued)

see also Savannah River Thermal Test Reactor

Shield Development Reactor

SLEEP Reactor

Sodium Reactor Experiment

Spanish Reactors (JEN-1)

Swedish Reactors (R-0)

Swedish Reactors (R-2)

Tower Shielding Facility

TRX Reactor

Water Boiler Neutron Sources

Watertown Arsenal Research Reactor

West Stands Reactor

ZEEP

ZEPHYR

Zero Power Reactor (Mark II)

ZEUS

ZOE Reactor

Reserpine

xx Alkaloïds

Residues

see Uranium Leach Residues

Resin Ion Exchange

see Ion Exchange

Resins

see also Adhesives

Ion Exchange Materials

Plastics

x Rosin

xx Ion Exchange Materials

Resistance

see Electric Conductivity

Resistance Furnaces

x Electric Furnaces

xx Furnaces

Resistance Heating

x Heating

Resistance Thermometers

xx Thermometers

Resistors

x Electric Resistors

Thermistors

xx Electric Conductivity

Resonance Cross Sections

see Neutron Resonance Cross Sections

Resonance Neutrons

xx Neutrons

Resonance Reactors

see Intermediate Reactors

Resonances

see Magnetic Resonance

Nuclear Magnetic Resonance

Nuclear Quadrupole Resonance

Resonators

see Cavity Resonators

Resorcinol

x Benzene, 1,3-Dihydroxy-

xx Phenols

Resorcinol, 2-Amino-, Derivatives

Resorcinol, 2,4,6-Trinitro-

see Styphnic Acid

β -Resorcylic Acid

Respiration

see also Animal Respiration

Plant Respiration

Pneumotachographs

xx Respiratory Cycles

Respirators

see also Gas Masks

Respiratory Cycles

see also Metabolism

Respiration

Respiratory Tracts

Reticulo-Endothelial System

xx Endothelial System

Rhamnose

xx Monosaccharides

Rhenates

see also Chlororhenates

Iodorhenates

Perrhenates

Potassium Bromorhenates

Rhenides

see Rhenium Alloys

Rhenium

Rhenium Alloys

x Rhenides

Rhenium-Aluminum Alloys

see Aluminum-Rhenium Alloys

Rhenium-Barium Aluminate Compacts

see Barium Aluminate-Rhenium Compacts

Rhenium-Barium Aluminate Electrodes

see Barium Aluminate-Rhenium Electrodes

Rhenium-Barium Carbonate-Strontium Carbonate Compacts

see Barium Carbonate-Rhenium-Strontium Carbonate Compacts

Rhenium-Beryllium Alloys

see Beryllium-Rhenium Alloys

Rhenium Borides

Rhenium Bromides

Rhenium-Carbon Systems

see Carbon-Rhenium Systems

Rhenium Chlorides

see also Potassium Rhenium Chlorides

Rhenium-Chromium Alloys

see Chromium-Rhenium Alloys

Rhenium-Chromium-Iron Alloys

see Chromium-Iron-Rhenium Alloys

Rhenium-Chromium-Molybdenum Alloys

see Chromium-Molybdenum-Rhenium Alloys

Rhenium-Cobalt Alloys

see Cobalt-Rhenium Alloys

Rhenium Compacts

xx Compacts

Rhenium Complexes

Rhenium Compounds

Rhenium Couples

Rhenium Electrodes

xx Electrodes

Rhenium Fluorides

Rhenium-Graphite Couples

see Graphite-Rhenium Couples

Rhenium-Hafnium Alloys

see Hafnium-Rhenium Alloys

Rhenium-Hafnium-Nickel Alloys

see Hafnium-Nickel-Rhenium Alloys

Rhenium-Iron Alloys

see Iron-Rhenium Alloys

Rhenium-Iron-Molybdenum Alloys

see Iron-Molybdenum-Rhenium Alloys

Rhenium Isotopes

Rhenium Isotopes Re¹⁷⁷

Rhenium Isotopes Re¹⁷⁸

Rhenium Isotopes Re¹⁷⁹

Rhenium Isotopes Re¹⁸⁰

Rhenium Isotopes Re¹⁸¹

Rhenium Isotopes Re¹⁸²

Rhenium Isotopes Re¹⁸³

Rhenium Isotopes Re¹⁸⁴

Rhenium Isotopes Re¹⁸⁵

Rhenium Isotopes Re¹⁸⁶

Rhenium Isotopes Re¹⁸⁷

Rhenium Isotopes Re¹⁸⁸

Rhenium Isotopes Re¹⁸⁹

Rhenium Isotopes Re¹⁹⁰

Rhenium-Lanthanum Alloys

see Lanthanum–Rhenium Alloys
 Rhenium–Manganese Alloys
see Manganese–Rhenium Alloys
 Rhenium–Molybdenum Alloys
see Molybdenum–Rhenium Alloys
 Rhenium–Molybdenum Couples
see Molybdenum–Rhenium Couples
 Rhenium–Molybdenum–Tantalum Alloys
see Molybdenum–Rhenium–Tantalum Alloys
 Rhenium–Molybdenum–Tungsten Alloys
see Molybdenum–Rhenium–Tungsten Alloys
 Rhenium–Nickel Alloys
see Nickel–Rhenium Alloys
 Rhenium–Niobium Alloys
see Niobium–Rhenium Alloys
 Rhenium–Niobium–Tungsten Alloys
see Niobium–Rhenium–Tungsten Alloys
Rhenium Oxides
Rhenium Oxybromides
 xx Oxybromides
Rhenium Oxychlorides
 xx Oxychlorides
Rhenium Oxyfluorides
 xx Oxyfluorides
 Rhenium–Platinum–Rhodium Alloys
see Platinum–Rhenium–Rhodium Alloys
 Rhenium–Plutonium Alloys
see Plutonium–Rhenium Alloys
 Rhenium–Potassium Alloys
see Potassium–Rhenium Alloys
 Rhenium Potassium Chlorides
see Potassium Rhenium Chlorides
Rhenium Silicides
 xx Silicides
Rhenium–Silicon Systems
Rhenium–Silicon–Titanium Systems
Rhenium Sulfides
Rhenium–Tantalum Alloys
Rhenium–Tantalum–Tungsten Alloys
Rhenium–Thorium Alloys
Rhenium–Thorium Oxide Compacts
Rhenium–Titanium Alloys
Rhenium–Tungsten Alloys
Rhenium–Tungsten Couples
Rhenium–Tungsten–Vanadium Alloys
Rhenium–Uranium Alloys
Rhenium–Vanadium Alloys
Rhenium–Yttrium Alloys
Rhenium–Zirconium Alloys
 Rhodanates
see Thiocyanates
Rhodium
see also Platinum Metals
Rhodium Alloys
 Rhodium–Antimony Alloys
see Antimony–Rhodium Alloys
 Rhodium–Bismuth Alloys
see Bismuth–Rhodium Alloys
 Rhodium–Carbon–Iridium Systems
see Carbon–Iridium–Rhodium Systems
 Rhodium–Carbon Systems
see Carbon–Rhodium Systems
 Rhodium–Cerium Alloys
see Cerium–Rhodium Alloys
 Rhodium Cesium Chlorides
see Cesium Chlororhodates
Rhodium Chlorides
Rhodium Coatings
Rhodium Complexes
Rhodium Compounds
Rhodium Electrodes
 xx Electrodes

Rhodium Films
Rhodium Fluorides
 Rhodium–Gadolinium Alloys
see Gadolinium–Rhodium Alloys
 Rhodium–Hafnium Alloys
see Hafnium–Rhodium Alloys
 Rhodium–Hafnium–Nickel Alloys
see Hafnium–Nickel–Rhodium Alloys
 Rhodium–Iridium Alloys
see Iridium–Rhodium Alloys
Rhodium Isotopes
Rhodium Isotopes Rh⁹⁷
Rhodium Isotopes Rh⁹⁸
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Rhodium Isotopes Rh¹⁰⁰
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Rhodium Isotopes Rh¹⁰⁸
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 Rhodium Lanthanum Oxides
see Lanthanum Rhodium Oxides
 Rhodium–Manganese Alloys
see Manganese–Rhodium Alloys
 Rhodium–Molybdenum Alloys
see Molybdenum–Rhodium Alloys
 Rhodium–Neodymium Alloys
see Neodymium–Rhodium Alloys
 Rhodium–Niobium Alloys
see Niobium–Rhodium Alloys
 Rhodium–Osmium Alloys
see Osmium–Rhodium Alloys
Rhodium Oxides
see also Lanthanum Rhodium Oxides
 Rhodium–Oxygen–Titanium Systems
see Oxygen–Rhodium–Titanium Systems
 Rhodium–Oxygen–Zirconium Systems
see Oxygen–Rhodium–Zirconium Systems
 Rhodium–Palladium Alloys
see Palladium–Rhodium Alloys
 Rhodium–Platinum Alloy–Platinum Couples
see Platinum–Platinum–Rhodium Alloy Couples
 Rhodium–Platinum Alloys
see Platinum–Rhodium Alloys
 Rhodium–Platinum–Rhenium Alloys
see Platinum–Rhenium–Rhodium Alloys
 Rhodium–Platinum–Tungsten Alloys
see Platinum–Rhodium–Tungsten Alloys
 Rhodium–Plutonium Alloys
see Plutonium–Rhodium Alloys
 Rhodium–Praseodymium Alloys
see Praseodymium–Rhodium Alloys
Rhodium–Ruthenium Alloys
Rhodium–Silicon Systems
Rhodium–Tantalum Alloys
Rhodium–Thorium Alloys
Rhodium–Titanium Alloys
Rhodium–Tungsten Alloys
Rhodium–Uranium Alloys
Rhodium–Vanadium Alloys
Rhodium–Yttrium Alloys
Rhodium–Zirconium Alloys
 Rhodizonic Acid, Potassium Salts
 x Potassium Rhodizonates
Rhodizonic Acid, Sodium Salts
 x Sodium Rhodizonates
 Rhodopsin
see Visual Purple

Rhyolites

Riboflavin

*see Vitamin B₂***Ribonuclease****Ribonuclease Complexes****Ribonuclease, Deoxy-****Ribonucleic Acid**

xx Nucleic Acids

Ribonucleic Acid, Desoxy-**Ribonucleic Acid, Desoxy- Complexes****Ribonucleic Acid, Desoxy-, Sodium Salts**

xx Sodium Salts

Ribonucleic Acid, Sodium Salts**Ribonucleotides****Ribonucleotides, Desoxy-****Ribose**

xx Monosaccharides

Ribose, Deoxy-**Ribulose**

Ribulose Phosphates

*see Phosphoric Acid, Ribulose Esters***Rice****Ricin****Rickets**

RIR (Research and Isotope Reactor)

*see Production Reactors***Rivers***(See Surface Waters and specific rivers and creeks, e g , Columbia River and White Oak Creek)***Riveted Joints**

xx Joints

RMF*see Reactivity Measurement Facility***Rochelle Salts***see Potassium Sodium Tartrates***Rochester Ion Meter***see Radiation Detection Instruments (Ion Current Type)***Rock Drilling**

x

Boring

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Diamond Drilling

Drilling

xx Geophysical Prospecting

Rock Salt*see Sodium Chlorides***Rock Wool***see Glass Wool***Rocket Fuels***see Fluid Propellants**Solid Propellants***Rocket Motor Nozzles**

xx Nozzles

Rocket Motors*see also Aircraft Engines**Rockets*

x Engines

xx Aircraft Engines

Motors

Rockets

Rocket Reactors

xx Reactors

Rocket Reactors (Dumbo)

x Dumbo Reactor

xx Power Reactors

Rocket Reactors (Kiwi)

x Kiwi Reactor

xx Power Reactors

Rocket Reactors (Tory)

x Tory Reactor

xx Power Reactors

Rockets*see also Guided Missiles**see also Rocket Motors*

x Nuclear Rockets

Sounding Rockets

xx Guided Missiles

Rocket Motors

Rocks*see also Carbonaceous Rocks**Igneous Rocks**Phosphate Rocks**Silicate Rocks*

xx Silicate Rocks

Rodents**Rods***see also Reactor Control Rods**Reactor Fuel Rods*

x Geometry

xx Mechanics

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x rep

Roentgen Units**Rolling****Rolling Mills**

x Mills

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xx Centrifugal Pumps

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xx Seals and Glands

Rover Reactors*see Rocket Reactors (Kiwi)***Rowe Reactor***see Yankee Power Reactor***Royal Jelly****RRR***see North Carolina Research Reactor***Rubber***(See also specific elastomers, e g , Hevea)**see also Elastomers**Plastics**Silicone Rubbers*

xx Butadiene Polymers

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x Hydrochlorides

Rubidium*see also Alkali Metals***Rubidium (Liquid)****Rubidium Acetates****Rubidium Acid Fluorides**

x Acid Fluorides

Rubidium Alloys**Rubidium Americium Fluorides**

xx Americium Fluorides

Rubidium Americium Oxycarbonates

xx Americium Oxycarbonates

Rubidium Antimonates

xx Antimonates

Rubidium-Antimony Alloys*see Antimony-Rubidium Alloys***Rubidium Azides**

xx Azides

Rubidium-Bismuth Alloys*see Bismuth-Rubidium Alloys*

Rubidium Borates

xx Borates

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xx Borohydrides

Rubidium Bromide Crystals

xx Bromide Crystals

Rubidium Bromide–Lead Bromide Systems*see Lead Bromide–Rubidium Bromide Systems***Rubidium Bromides****Rubidium Carbonate–Americyl Carbonate–Water Systems***see Americyl Carbonate–Rubidium Carbonate–Water Systems***Rubidium Carbonates****Rubidium Chloride–Aluminum Chloride Systems***see Aluminum Chloride–Rubidium Chloride Systems***Rubidium Chloride–Barium Chloride Systems***see Barium Chloride–Rubidium Chloride Systems***Rubidium Chloride–Cadmium Chloride Systems***see Cadmium Chloride–Rubidium Chloride Systems***Rubidium Chloride–Calcium Chloride–Potassium Chloride Systems***see Calcium Chloride–Potassium Chloride–Rubidium Chloride Systems***Rubidium Chloride–Calcium Chloride Systems***see Calcium Chloride–Rubidium Chloride Systems***Rubidium Chloride Crystals**

xx Chloride Crystals

Rubidium Chloride–Lead Chloride Systems*see Lead Chloride–Rubidium Chloride Systems***Rubidium Chloride–Magnesium Chloride Systems***see Magnesium Chloride–Rubidium Chloride Systems***Rubidium Chloride–Manganese Chloride Systems***see Manganese Chloride–Rubidium Chloride Systems***Rubidium Chloride–Plutonium Chloride Systems***see Plutonium Chloride–Rubidium Chloride Systems***Rubidium Chloride–Potassium Chloride Systems***see Potassium Chloride–Rubidium Chloride Systems***Rubidium Chloride–Strontium Chloride Systems****Rubidium Chloride–Titanium Chloride Systems****Rubidium Chloride–Uranium(III) Chloride Systems****Rubidium Chloride–Zinc Chloride Systems****Rubidium Chlorides****Rubidium Chloropolonates**

xx Chloropolonates

Rubidium Chromates**Rubidium Compounds****Rubidium Ferrocyanides**

xx Iron Cyanides

Rubidium Fluoborates

xx Fluoborates

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xx Fluoride Crystals

Rubidium Fluoride–Lithium Fluoride–Potassium Fluoride Systems*see Lithium Fluoride–Potassium Fluoride–Rubidium Fluoride Systems***Rubidium Fluoride–Lithium Fluoride–Sodium Fluoride Systems***see Lithium Fluoride–Rubidium Fluoride–Sodium Fluoride Systems***Rubidium Fluoride–Lithium Fluoride–Sodium Fluoride–Uranium Fluoride Systems***see Lithium Fluoride–Rubidium Fluoride–Sodium Fluoride–Uranium Fluoride Systems***Rubidium Fluoride–Lithium Fluoride Systems***see Lithium Fluoride–Rubidium Fluoride Systems***Rubidium Fluoride–Potassium Fluoride–Sodium Fluoride Systems***see Potassium Fluoride–Rubidium Fluoride–Sodium Fluoride Systems***Rubidium Fluoride–Sodium Fluoride–Uranium Fluoride–Zirconium Fluoride Systems****Rubidium Fluoride–Sodium Fluoride–Zirconium Fluoride Systems****Rubidium Fluoride–Thorium Fluoride Systems****Rubidium Fluoride–Uranium(IV) Fluoride Systems****Rubidium Fluoride–Uranium(IV) Fluoride–Zirconium****Fluoride Systems****Rubidium Fluoride–Zinc Fluoride Systems****Rubidium Fluoride–Zirconium Fluoride Systems****Rubidium Fluorides***see also Rubidium Uranium Fluorides***Rubidium–Graphite Compounds***see Graphite–Rubidium Compounds***Rubidium Halides****Rubidium Hydrides****Rubidium Hydroxides****Rubidium Hydroxides (Liquid)****Rubidium Iodide Crystals**

xx Iodide Crystals

Rubidium Iodides**Rubidium Ions****Rubidium Isotopes****Rubidium Isotopes Rb⁷⁹****Rubidium Isotopes Rb⁸⁰****Rubidium Isotopes Rb⁸¹****Rubidium Isotopes Rb⁸²****Rubidium Isotopes Rb⁸³****Rubidium Isotopes Rb⁸⁴****Rubidium Isotopes Rb⁸⁵****Rubidium Isotopes Rb⁸⁶****Rubidium Isotopes Rb⁸⁷****Rubidium Isotopes Rb⁸⁸****Rubidium Isotopes Rb⁸⁹****Rubidium Isotopes Rb⁹⁰****Rubidium Isotopes Rb⁹¹****Rubidium Isotopes Rb⁹²****Rubidium Isotopes Rb⁹³****Rubidium Isotopes Rb⁹⁴****Rubidium Isotopes Rb⁹⁵****Rubidium Isotopes Rb⁹⁷****Rubidium Manganese Fluorides**

xx Manganese Fluorides

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xx Molybdenum Fluorides

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xx Plutonium Sulfates

Rubidium–Sodium Alloys**Rubidium Sulfate–Rubidium Metaphosphate Systems***see Rubidium Metaphosphate–Rubidium Sulfate Systems***Rubidium Sulfates****Rubidium Sulfides****Rubidium Thorium Fluorides**

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xx Thorium Nitrates

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xx Uranates

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xx Uranyl Carbonates

Rubidium Uranyl Chlorides

xx Uranyl Chlorides

Rubidium Uranyl Nitrates

- xx Nitrates
- Uranyl Nitrates

Rubies**Rupture**

see also Thermal Rupture

- x Scabbing
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Rural Cooperative Power Association Reactor

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Russian Reactors

- xx Reactors

Rust

see Corrosion
Iron Oxides

Ruthenates

see also Ammonium Hydroxypentachlororuthenates(IV)

Chlororuthenates
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Perruthenates
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Ruthenium

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Ruthenium (Liquid)**Ruthenium Alloys****Ruthenium Barium Fluorides**

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Ruthenium, Biscyclopentadienyl-

- x Ruthenocene
- xx Cyclopentadienyl Compounds

Ruthenium Borides**Ruthenium Bromides****Ruthenium Bromofluorides****Ruthenium Calcium Fluorides**

see Calcium Fluororuthenates

Ruthenium Carbides**Ruthenium-Carbon Systems**

see Carbon-Ruthenium Systems

Ruthenium Carbonyls

- xx Carbonyls

Ruthenium-Cerium Alloys

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Ruthenium Cesium Fluorides

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Ruthenium Chelates**Ruthenium Chloride Complexes**

- xx Chloride Complexes

Ruthenium Chlorides**Ruthenium-Chromium Alloys**

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Ruthenium Complexes**Ruthenium Compounds****Ruthenium-Erbium Alloys**

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Ruthenium Fluorides

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Cesium Fluororuthenates
Potassium Fluororuthenates
Silver Fluororuthenates
Strontium Fluororuthenates
Thallium Fluororuthenates

Ruthenium-Gadolinium Alloys

see Gadolinium-Ruthenium Alloys

Ruthenium-Gold Alloys

see Gold-Ruthenium Alloys

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Ruthenium Hydroxides**Ruthenium Iodides****Ruthenium Ions****Ruthenium-Iridium Alloys**

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Ruthenium-Iron-Nickel-Tungsten Alloys

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Ruthenium Isotopes**Ruthenium Isotopes Ru⁸⁴****Ruthenium Isotopes Ru⁸⁵****Ruthenium Isotopes Ru⁸⁶****Ruthenium Isotopes Ru⁸⁷****Ruthenium Isotopes Ru⁸⁸****Ruthenium Isotopes Ru⁹⁸****Ruthenium Isotopes Ru¹⁰⁰****Ruthenium Isotopes Ru¹⁰¹****Ruthenium Isotopes Ru¹⁰²****Ruthenium Isotopes Ru¹⁰³****Ruthenium Isotopes Ru¹⁰⁴****Ruthenium Isotopes Ru¹⁰⁵****Ruthenium Isotopes Ru¹⁰⁶****Ruthenium Isotopes Ru¹⁰⁷****Ruthenium Isotopes Ru¹⁰⁸****Ruthenium-Lanthanum Alloys**

see Lanthanum-Ruthenium Alloys

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Ruthenium-Molybdenum-Niobium Alloys

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Ruthenium-Niobium Alloys

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Ruthenium-Niobium-Uranium Alloys

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Ruthenium-Niobium-Uranium Oxide Systems

see Niobium-Ruthenium-Uranium Oxide Systems

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Ruthenium Nitrate Complexes

- xx Nitrate Complexes

Ruthenium Nitrates**Ruthenium Nitrites**

see also Potassium Ruthenium Nitrites

- xx Nitrites

Ruthenium Nitroso Compounds

see Ruthenium Nitrosyls

Ruthenium Nitrosyl Nitrates

- xx Nitrates
- Nitrosyl Nitrates

Ruthenium Nitrosyls

- x Ruthenium Nitroso Compounds
- xx Nitroso Compounds
- Nitrosyl Compounds

Ruthenium-Osmium Alloys

see Osmium-Ruthenium Alloys

Ruthenium Oxides

- xx Platinum Metal Oxides

Ruthenium-Palladium Alloys

see Palladium-Ruthenium Alloys

Ruthenium Perchlorates

- xx Perchlorates

Ruthenium-Platinum Alloys

see Platinum-Ruthenium Alloys

Ruthenium-Plutonium Alloys

see Plutonium-Ruthenium Alloys

Ruthenium Potassium Nitrites

see Potassium Ruthenium Nitrites

Ruthenium–Praseodymium Alloys
see *Praseodymium–Ruthenium Alloys*
 Ruthenium–Rhodium Alloys
see *Rhodium–Ruthenium Alloys*
Ruthenium–Scandium Alloys
Ruthenium–Silver Alloys
 Ruthenium Strontium Fluorides
see *Strontium Fluororuthenates*
Ruthenium Sulfates
Ruthenium Sulfides
Ruthenium–Tantalum Alloys
 Ruthenium Thallium Fluorides
see *Thallium Fluororuthenates*
Ruthenium–Thorium Alloys
Ruthenium–Titanium Alloys
Ruthenium–Tungsten Alloys
Ruthenium–Uranium Alloys
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Ruthenium–Vanadium Alloys
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 Ruthenocene
see *Ruthenium, Biscyclopentadienyl*
Rutherfordines
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Rutin
 xx Drugs
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see *Submarine Reactors (S1C)*
 S2C
see *Submarine Reactors (S2C)*
 S1G
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 S5G
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Saclay Reactors
 x French Reactors
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 xx Heavy Water Reactors
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Saclay Reactors (EL-2)
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Safety
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 x Handling and Storage
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o-Cresol, α,α' -(Ethylenedinitrilo)Di- Complexes
Salicylaldehyde
Salicylaldehyde Oxime, Zinc Derivatives
 x Zinc Derivatives
Salicylamide
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Salicylic Acid, 4-Amino-
Salicylic Acid, 2-Naphthyl Ester
 x Betol
Salicylic Acid, Phenyl Ester
 x Phenyl Salicylate
 Salicylic Acid, Plutonium Salts
see *Plutonium Salicylates*
 Salicylic Acid, Sodium Salts
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Salicylic Acid, Sulfo-
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Salicylic Acid, Thio-
 Salicylic Acid, Thorium Salts
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Salivary Glands
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Salt Bridges**Salt-Metal Systems**

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Samarium Alloys**Samarium-Aluminum Alloys**

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Samarium Aluminum Sulfides

see Aluminum-Samarium Sulfides

Samarium-Bismuth-Magnesium Alloys

see Bismuth-Magnesium-Samarium Alloys

Samarium Borates**Samarium Borides****Samarium-Boron Systems**

see Boron-Samarium Systems

Samarium Bromides**Samarium-Calcium Alloys**

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Samarium Chelates**Samarium Chlorides****Samarium-Cobalt Alloys**

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Samarium Complexes**Samarium Compounds****Samarium Cyanocobaltates(III)**

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Samarium Isotopes**Samarium Isotopes Sm¹⁴²****Samarium Isotopes Sm¹⁴³****Samarium Isotopes Sm¹⁴⁴****Samarium Isotopes Sm¹⁴⁵****Samarium Isotopes Sm¹⁴⁶****Samarium Isotopes Sm¹⁴⁷****Samarium Isotopes Sm¹⁴⁸****Samarium Isotopes Sm¹⁴⁹****Samarium Isotopes Sm¹⁵⁰****Samarium Isotopes Sm¹⁵¹****Samarium Isotopes Sm¹⁵²****Samarium Isotopes Sm¹⁵³****Samarium Isotopes Sm¹⁵⁴****Samarium Isotopes Sm¹⁵⁵****Samarium Isotopes Sm¹⁵⁶****Samarium Isotopes Sm¹⁵⁷****Samarium Magnesium Nitrates**

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Samarium-Mercury Alloys

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Samarium Oxide-Beryllium Oxide Systems

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Samarium Oxide-Gadolinium Oxide-Nickel Systems

see Gadolinium Oxide-Nickel-Samarium Oxide Systems

Samarium Oxide-Gadolinium Oxide Systems

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xx **Oxyfluorides**

Samarium-Oxygen Systems

see Oxygen-Samarium Systems

Samarium Oxyiodides

xx **Oxyiodides**

Samarium Oxyselenides**Samarium Oxysulfides**

xx **Oxyselenides**

Oxysulfides

Samarium Selenides

xx **Selenides**

Samarium Silicides

xx **Silicides**

Samarium Sulfates**Samarium Sulfides**

see also Aluminum-Samarium Sulfides

Samarium-Uranium Alloys**Samarium Yttrium Ferrates**

xx **Yttrium Ferrates**

Samarium-Zinc Alloys**Samarium Zirconates**

xx **Zirconates**

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xx **Quality Control**

Sandia Engineering Reactor

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x **SPRF**

xx **Research Reactors**

Sands

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xx **Filter Materials**

Quartz

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Sandstone**Sandstone Operation**

x **Operations**

Sandy

see Radiation Detection Instruments (Ion Current Type)

Sanitary Engineering

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SAPL Assemblies

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Saponins**Sapphires****SAR**

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Saran

see Ethylene, Dichloro- Polymers

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(*See also specific sarcomas, organs, tissues, animals, etc.*)

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x Cancer

xx Carcinomas

Tumors

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Saturne Accelerator

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Savannah Merchant Ship Reactor

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HWCTR

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Power Components Reactor

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Pressurized Water Reactors

Savannah River Power Reactor Experiment

x Dupont Power Reactor

Large Scale Heavy Water Reactor

xx Heavy Water Reactors

Power Reactors

Pressurized Water Reactors

Savannah River Production Reactors

xx Heavy Water Reactors

Production Reactors

Savannah River Production Reactors (C)**Savannah River Production Reactors (K)****Savannah River Production Reactors (L)****Savannah River Production Reactors (P)****Savannah River Production Reactors (R)****Savannah River Reactor Mockup**

x Process Development Pile

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Savannah River Standard Pile

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Savannah River Test Reactor

x SR-305 Reactor

xx Research Reactors

Savannah River Thermal Test Reactor

x Thermal Test Reactors

TTR

xx Graphite Moderated Reactors

Research Reactors

Saws

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Saxton Power Reactor

(*General Public Utilities*)

xx Power Reactors

Pressurized Water Reactors

Scalers

x Pulse Counters

xx Radiation Detection Instruments

Radiation Detection Instruments (Audio Pulse Type)

Scandates

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Scandium**Scandium Bromides****Scandium Chelates****Scandium Chlorides****Scandium Complexes****Scandium Compounds****Scandium Fluoride Complexes**

xx Fluoride Complexes

Scandium Fluorides**Scandium Hydrides****Scandium Hydroxides****Scandium Ions**

Scandium-Iridium Alloys

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Scandium Isotopes**Scandium Isotopes Sc40****Scandium Isotopes Sc41****Scandium Isotopes Sc42****Scandium Isotopes Sc43****Scandium Isotopes Sc44****Scandium Isotopes Sc45****Scandium Isotopes Sc46****Scandium Isotopes Sc47****Scandium Isotopes Sc48****Scandium Isotopes Sc49****Scandium Isotopes Sc50****Scandium Minerals**

Scandium-Niobium Alloys

see Niobium-Scandium Alloys

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Scandium-Osmium Alloys

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Scandium Oxide-Ethylene Polymer Systems

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Scandium Oxide-Iron Oxide Systems

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Scandium Oxide-Uranium Oxide Systems**Scandium Oxide-Yttrium Oxide Systems****Scandium Oxide-Zirconium Oxide Systems****Scandium Oxides**

Scandium-Plutonium Alloys

see Plutonium-Scandium Alloys

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Scandium Selenides

xx Selenides

Scandium Sulfides**Scandium-Tantalum Alloys****Scandium-Technetium Alloys****Scandium Tellurides**

xx Tellurides

Scandium-Thorium Alloys**Scandium-Titanium Alloys****Scars**

see also Burns

Trauma

x Injuries

xx Trauma

Scattering

(*Limited to theoretical studies of scattering processes of particles in general composite systems.*)

Scattering Cross Sections

see Deuteron Scattering Cross Sections

Electron Scattering Cross Sections

Gamma Scattering Cross Sections

Meson Scattering Cross Sections

Neutron Scattering Cross Sections

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Schenectady Resonance Reactor

see KAPL Intermediate Power Breeder

Schiff Bases**Schistosoma****Schoepites**

xx Uranium Minerals

Schroeckingerites

xx Uranium Minerals

Scintigrams

see Scintillation Detectors

Scintillation

xx Fluorescence

Scintillation Counters

see Radiation Detection Instruments (Pulse Type)

Scintillation Detectors

Scintillation Detectors

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x Detectors

Fluors

Scintigrams

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xx Crystal Detectors

Light

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Radiation Detectors

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Scintilllogs

see Radiation Detection Instruments (Ion Current Type)

Sclerosis

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Scooter Project

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Screening

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Screens

(Including sieves)

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x Sieves

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Screw-Dynamic Pinch

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xx Extraction Apparatus

SCRUP Process

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SDR Reactor (Alaska)

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SDR Reactor (Lockheed)

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Sea Urchins

Sea Water

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xx Water

Sea Water—Lithium Systems

see Lithium—Sea Water Systems

Sealing Materials

x Potting Compounds

Seals and Glands

see also Ceramic Bonding

Gaskets

Rotary Seals

Vacuum Seals

x Valve Packing

xx Glands

Hydraulic Packing

Pressure

Vacuum Seals

Sebacic Acid

x Decanedioic Acid

Sebacic Acid, Bis(2-Ethylhexyl) Esters

Second Virial Coefficients

see Virial Coefficients

Sedimentation

Sedimentation Apparatus

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xx Equipment and Procedures

Nephelometers

Sediments

see Silts

Sedoheptitol

Sedoheptulose

Seed

(*See also* specific plants)

x Nuts

Seedlings

Segregation

see Phase Studies

Seignette Salts

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Seignetteelectric Materials

x Ferroelectric Materials

Seismology

xx Earthquakes

Seismometers

x Meters

Selenates

see also Barium Selenates

Beryllium Selenates

Strontium Selenates

Selenide Crystals

see also Cadmium Selenide Crystals

see also Lead Selenide Crystals

see also Zinc Selenide Crystals

Selenides

see also Barium Selenides

Bismuth Selenides

Cadmium Selenides

Carbonyl Selenides

Cerium Selenides

Copper Selenides

Erbium Selenides

Europium Selenides

Gadolinium Selenides

Hydrogen Selenides

Indium Selenides

Lanthanum Selenides

Lead Selenides

Manganese Selenides

Methyl Selenides

Neodymium Selenides

Oxyselenides

Plutonium Selenides

Praseodymium Selenides

Samarium Selenides

Scandium Selenides

Strontium Selenides

Thorium Selenides

Uranium Selenides

Uranyl Selenides

Yttrium Selenides

Zinc Selenides

Zirconium Selenides

Selenious Acid

xx Acids

Selenites

see also Indium Selenites

Lithium Selenites

Sodium Selenites

Thallium Selenites

Thorium Selenites

Uranium Selenites

Uranyl Selenites

Selenium

Selenium (Liquid)

Selenium–Aluminum Systems

see Aluminum–Selenium Systems

Selenium–Antimony–Silver Systems

see Antimony–Selenium–Silver Systems

Selenium–Antimony Systems

see Antimony–Selenium Systems

Selenium–Arsenic–Indium Systems

see Arsenic–Indium–Selenium Systems

Selenium–Arsenic Systems

see Arsenic–Selenium Systems

Selenium–Bismuth–Silver Systems

see Bismuth–Selenium–Silver Systems

Selenium–Chromium Systems

see Chromium–Selenium Systems**Selenium Compounds****Selenium Crystals****Selenium Fluorides**

Selenium Hydrides

see Hydrogen Selenides**Selenium Ions**

Selenium–Iron Systems

see Iron–Selenium Systems**Selenium Isotopes**Selenium Isotopes Se⁷⁰Selenium Isotopes Se⁷¹Selenium Isotopes Se⁷²Selenium Isotopes Se⁷³Selenium Isotopes Se⁷⁴Selenium Isotopes Se⁷⁵Selenium Isotopes Se⁷⁶Selenium Isotopes Se⁷⁷Selenium Isotopes Se⁷⁸Selenium Isotopes Se⁷⁹Selenium Isotopes Se⁸⁰Selenium Isotopes Se⁸¹Selenium Isotopes Se⁸²Selenium Isotopes Se⁸³Selenium Isotopes Se⁸⁴Selenium Isotopes Se⁸⁵Selenium Isotopes Se⁸⁷

Selenium–Manganese Systems

see Manganese–Selenium Systems

Selenium–Nickel Systems

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Selenium–Niobium Systems

see Niobium–Selenium Systems**Selenium Oxides****Selenium Poisoning**

x Selenosis

xx Poisoning

Selenium–Silver Systems**Selenium Systems****Selenium–Tellurium Systems****Selenium–Tellurium–Uranium Systems****Selenium–Thorium Systems****Selenium–Titanium Systems****Selenium–Uranium Systems****Selenium–Vanadium Systems****Selenium–Zirconium Systems****Selenoorganic Polymers**

xx Polymers

2-Selenoylacetone

see Acetone, 2-(Selenoyl)-

Selenosis

see Selenium Poisoning**Self-Diffusion**

xx Diffusion

Semen**Semicarbazide, 4-Phenylthio-****Semicarbazide, 4-Phenylthio-, Complexes****Semiconductor Detectors**

x Surface-Barrier Detectors

xx Radiation Detectors

Semiconductors*(See also specific materials.)*

Electric Conductivity

Transistors

x Conductors

Sengierites

xx Uranium Minerals

Separation Processes*see also* Acetate Separation Process

Adsorption Separation Process

Alloy Separation Process

Amex Process

Amine Extraction Process

Bismuth Phosphate Process

Butex Process

Countercurrent Separation Processes

Dapex Process

Electrolytic Separation Processes

Fluoride Volatility Processes

Hermex Process

High Temperature Separation Processes

Ion Exchange Processes

Isotope Separation Methods

Lanthanum Fluoride Process

Mallinckrodt Process

Monex Process

Neptex Process

Nethix Process

Niobium Oxide Process

Niflex Process

PPF Process

Purex Process

Pyrozinc Process

Radioactive Gas Separation Processes

RaLa Process

Recuplex Process

Redox Process

Slurex Process

Solvent Extraction Processes

Sulfex-F Process

TBP Process

Thorex Process

Tributyl Phosphate Process (Canada)

Trigly Process

25 Process

23 Process

UAP Process

Volatility Separation Processes

Zircex Process

x Extraction Processes

Processes

Separation Steps

xx Solvent Extraction Processes

Separators*see* Cyclone Separators

Magnetic Separators

Wire-Mesh Entrainment Separators

Septicemia

xx Blood Diseases

SERF*see* Sandia Engineering Reactor**Serine**x Propionic Acid, α -Amino- β -Hydroxy-**Serotonin***see* 5-Indolol, 3-(2-Aminoethyl)-**Serums***see also* Blood Serum**Servomechanisms***see also* Cybernetics

Feedback Systems

see also *Laboratory Equipment*
Reactor Control Rods
Remote-Control Equipment

- x Control
- Hydraulic Servomechanisms
- xx Cybernetics
- Laboratory Equipment
- Reactor Control Rods
- Reactor Control Systems
- Remote-Control Equipment

Set Theory

see *Topology*

Sewage

see also *Waste Disposal*
Waste Processing

- xx Waste Disposal

Sewage Systems

- xx Waste Disposal

Sex Hormones

see *Gonadal Hormones*

Sexiphenyl

- xx Polyphenyls

SF Materials Accounting

- x Material Balance
- Materials Accounting
- xx Accounting

SFR

see *Submarine Fleet Reactor*

Shadow Shielding

see *Gamma Shielding*

Shadowgraph Photography

see *Spark Shadowgraph Photography*

Shale Deposits

see also *Carbonaceous Shale Deposits*

Shales

see also *Bituminous Shales*
Black Shales
Carbonaceous Shales
Oil Shales

- x Ampelites

Shaped Charges

see also *Explosions*
 xx Explosions

Sheep

Sheets

see also *Films*
Foils
Plates
Reactor Fuel Sheets

- x Geometry
- xx Mechanics

Sheldon Nuclear Facility

see *Hallam Power Reactor*

Shell Nuclear Models

see *Nuclear Models (Shell)*

Shells

(*Geometry*)

- x Geometry
- xx Mechanics

Shelters

see also *Field Fortifications*
Structures

Sherwood Project

see also *Thermonuclear Reactors*
 xx Thermonuclear Reactions

Sherwoodites

- xx Vanadium Minerals

Shield Development Reactor

- x SDR Reactor (Lockheed)
- xx Research Reactors
- Water Moderated Reactors

Shield Ducts

see *Reactor Shield Voids*

Shield Mockup Reactor

- x SMR

Shield Test Pool Reactor

- x STPR
- xx Research Reactors

Shield Testing Reactor

see *Bulk Shielding Facility*

Shield Voids

see *Reactor Shield Voids*

Shielded Containers

- x Containers

Shielding

see also *Aircraft Shield Test Reactor*
Brookhaven Shielding Facility
Bulk Shielding Facility
Electromagnetic Shielding
Ground Shield Test Reactor
Reactor Shielding
Shielding Materials
Thermal Radiation Shielding
Tower Shielding Facility

- x Radiation Shielding

Shielding Materials

(*See also specific materials.*)

- xx Concretes
- Shielding

Shims

see *Accelerators*
Reactor Control Rods

Ship Inboard Reactor

see *Submarine Intermediate Reactor*

Shipboard Intermediate Reactor

see *Submarine Intermediate Reactor*

Shipping

- x Handling and Storage
- Transportation

Shippingport Pressurized Water Reactor

(*Duquesne Light Company*)

- x PWR

- xx Power Reactors
- Pressurized Water Reactors

Ships

see *Merchant Vessels*
Naval Vessels

Shock

see also *Trauma*

Shock Tubes

- xx Tubes

Shock Waves

see also *Detonation Waves*
Impact Shock

- x Blast

Waves

- xx Explosions

Short-Lived Fission Products

see *Fission Products (Short-Lived)*

Showers

see *Cascade Showers*
Cosmic Showers
Electron Showers
Gamma Showers
Meson Showers
Nuclear Showers
Nucleon Showers
Photon Showers
Proton Showers

Shutters

see *Cameras*
Photoelastic Shutters

Shwartzman Phenomenon

Sicklemia

see Anemia

Sickness

see Radiation Sickness

Sieves

see Screens

Sight

see Vision

Sigma Hyperons

see Hyperons (Σ)

Sigma Piles

(A constant and reproducible thermal-neutron source consisting of a RaBe neutron source surrounded by enough moderator to thermalize the neutrons, used for making absolute cross section and flux measurements)

x Piles

Pinky Pile

Sigma Reactors

Standard Reactors

Sigma Reactors

see Sigma Piles

Sigmion

see Radiation Detection Instruments (Ion Current Type)

Silanes

x Silicane

Silica

see Silicon Oxides

Silica Coatings

see Silicon Oxide Coatings

Silica Gel

see Silicon Oxides (Colloidal)

Silicane

see Silanes

Silicate Crucibles

see also Aluminum Silicate Crucibles

Zirconium Silicate Crucibles

xx Crucibles

Silicate Rocks

see also Rocks

xx Rocks

Silicates

(See also silicates of specific elements)

see also Ethyl Silicates

Fluosilicates

Nephelites

Rare Earth Silicates

Uranyl Silicates

Silicic Acids

xx Acids

Silicide Coatings

see also Molybdenum Silicide Coatings

Tungsten Silicide Coatings

xx Coatings

Silicide Compacts

see also Molybdenum Silicide Compacts

Uranium Silicide Compacts

Silicides

see also Cerium Silicides

Chromium Silicides

Dysprosium Silicides

Europium Silicides

Gadolinium Silicides

Hafnium Silicides

Iron Silicides

Lanthanum Silicides

Magnesium Silicides

Molybdenum Silicides

Neodymium Silicides

Neptunium Silicides

Nickel Silicides

Niobium Silicides

Plutonium Silicides

Praseodymium Silicides

see also Rare Earth Silicides

Rhenium Silicides

Samarium Silicides

Tantalum Silicides

Thorium Silicides

Titanium Silicides

Tungsten Silicides

Uranium Silicides

Vanadium Silicides

Yttrium Silicides

Zirconium Silicides

Silicohydrides

xx Hydrides

Silicomolybdcic Acids

x Molybdcic Acids

xx Acids

Silicon

Silicon (Liquid)

Silicon Alcoholates

xx Alcoholates

Silicon Alloys

see Silicon Systems

Silicon-Aluminum-Boron-Chromium-Molybdenum Systems

see Aluminum-Boron-Chromium-Molybdenum-Silicon Systems

Silicon-Aluminum-Chromium Coatings

see Aluminum-Chromium-Silicon Coatings

Silicon-Aluminum-Chromium-Niobium Systems

see Aluminum-Chromium-Niobium-Silicon Systems

Silicon-Aluminum-Chromium Systems

see Aluminum-Chromium-Silicon Systems

Silicon-Aluminum-Chromium-Titanium Systems

see Aluminum-Chromium-Silicon-Titanium Systems

Silicon-Aluminum Coatings

see Aluminum-Silicon Coatings

Silicon-Aluminum-Cobalt Systems

see Aluminum-Cobalt-Silicon Systems

Silicon-Aluminum-Copper-Magnesium Systems

see Aluminum-Copper-Magnesium-Silicon Systems

Silicon-Aluminum-Copper Systems

see Aluminum-Copper-Silicon Systems

Silicon-Aluminum-Copper-Zinc Systems

see Aluminum-Copper-Silicon-Zinc Systems

Silicon-Aluminum-Iron Systems

see Aluminum-Iron-Silicon Systems

Silicon-Aluminum-Lithium Systems

see Aluminum-Lithium-Silicon Systems

Silicon-Aluminum-Magnesium Systems

see Aluminum-Magnesium-Silicon Systems

Silicon-Aluminum-Manganese-Nickel Systems

see Aluminum-Manganese-Nickel-Silicon Systems

Silicon-Aluminum-Nickel Systems

see Aluminum-Nickel-Silicon Systems

Silicon-Aluminum Oxide-Iron Systems

see Aluminum Oxide-Iron-Silicon Systems

Silicon-Aluminum-Oxygen-Titanium Systems

see Aluminum-Oxygen-Silicon-Titanium Systems

Silicon-Aluminum-Plutonium Systems

see Aluminum-Plutonium-Silicon Systems

Silicon-Aluminum-Plutonium Systems (Clad)

see Aluminum-Plutonium-Silicon Systems (Clad)

Silicon-Aluminum System-Aluminum Couples

see Aluminum-Aluminum-Silicon System Couples

Silicon-Aluminum System-Uranium Couples

see Aluminum-Silicon System-Uranium Couples

Silicon-Aluminum Systems

see Aluminum-Silicon Systems

Silicon-Aluminum Systems (Liquid)

see Aluminum-Silicon-Tin Systems

Silicon-Aluminum-Tin-Uranium Systems

see Aluminum-Silicon-Tin-Uranium Systems

Silicon-Aluminum-Titanium Hydride Systems

see Aluminum-Silicon-Titanium Hydride Systems

Silicon-Aluminum-Titanium Systems*see Aluminum-Silicon-Titanium Systems***Silicon-Aluminum-Uranium Systems***see Aluminum-Silicon-Uranium Systems***Silicon-Aluminum-Zinc Systems***see Aluminum-Silicon-Zinc Systems***Silicon-Aluminum-Zirconium Systems***see Aluminum-Silicon-Zirconium Systems***Silicon-Beryllium Carbide Compacts***see Beryllium Carbide-Silicon Compacts***Silicon-Beryllium Carbide Systems***see Beryllium Carbide-Silicon Systems***Silicon-Beryllium-Chromium-Cobalt Systems***see Beryllium-Chromium-Cobalt-Silicon Systems***Silicon-Beryllium-Cobalt Systems***see Beryllium-Cobalt-Silicon Systems***Silicon-Beryllium-Hafnium Systems***see Beryllium-Hafnium-Silicon Systems***Silicon-Beryllium Systems***see Beryllium-Silicon Systems***Silicon-Beryllium-Tantalum Systems***see Beryllium-Silicon-Tantalum Systems***Silicon-Beryllium-Thorium Systems***see Beryllium-Silicon-Thorium Systems***Silicon-Beryllium-Zirconium Systems***see Beryllium-Silicon-Zirconium Systems***Silicon-Bismuth-Thorium Systems***see Bismuth-Silicon-Thorium Systems***Silicon Boride Compacts****xx Boride Compacts****Silicon Boride-Silicon Compacts***see Silicon-Silicon Boride Compacts***Silicon Borides****Silicon Borohydrides****xx Borohydrides****Silicon-Boron-Carbon Systems***see Boron-Carbon-Silicon Systems***Silicon-Boron-Chromium-Iron-Nickel Systems***see Boron-Chromium-Iron-Nickel-Silicon Systems***Silicon-Boron-Chromium-Nickel Systems***see Boron-Chromium-Nickel-Silicon Systems***Silicon-Boron-Copper-Iron Systems***see Boron-Copper-Iron-Silicon Systems***Silicon-Boron-Molybdenum Systems***see Boron-Molybdenum-Silicon Systems***Silicon-Boron-Oxygen Systems***see Boron-Oxygen-Silicon Systems***Silicon-Boron Systems***see Boron-Silicon Systems***Silicon-Boron-Tungsten Systems***see Boron-Silicon-Tungsten Systems***Silicon-Boron-Zirconium Systems***see Boron-Silicon-Zirconium Systems***Silicon Bronze****xx Bronze****Silicon Carbide-Aluminum Oxide Systems***see Aluminum Oxide-Silicon Carbide Systems***Silicon Carbide-Aluminum Oxide-Uranium Oxide Compacts***see Aluminum Oxide-Silicon Carbide-Uranium Oxide Compacts***Silicon Carbide-Aluminum-Uranium Oxide Systems***see Aluminum-Silicon Carbide-Uranium Oxide Systems***Silicon Carbide-Beryllium Carbide Compacts***see Beryllium Carbide-Silicon Carbide Compacts***Silicon Carbide-Boron Carbide-Graphite Systems***see Boron Carbide-Graphite-Silicon Carbide Systems***Silicon Carbide-Boron Carbide Systems***see Boron Carbide-Silicon Carbide Systems***Silicon Carbide-Boron Carbide-Titanium Carbide Systems***see Boron Carbide-Silicon Carbide-Titanium Carbide Systems***Silicon Carbide-Carbon-Silicon Systems***see Carbon-Silicon-Silicon Carbide Systems***Silicon Carbide-Cerium Oxide Systems***see Cerium Oxide-Silicon Carbide Systems***Silicon Carbide-Chromium Carbide Systems***see Chromium Carbide-Silicon Carbide Systems***Silicon Carbide-Chromium Carbide-Titanium Carbide Systems***see Chromium Carbide-Silicon Carbide-Titanium Carbide Systems***Silicon Carbide-Chromium Carbide-Zirconium Carbide Systems***see Chromium Carbide-Silicon Carbide-Zirconium Carbide Systems***Silicon Carbide Coatings****xx Carbide Coatings****Silicon Carbide Compacts****xx Carbide Compacts****Silicon Carbide Crucibles****xx Carbide Crucibles****Silicon Carbide Crystals****xx Carbide Crystals****Silicon Carbide-Graphite Crucibles***see Graphite-Silicon Carbide Crucibles***Silicon Carbide-Graphite Systems***see Graphite-Silicon Carbide Systems***Silicon Carbide-Molybdenum Carbide Systems***see Molybdenum Carbide-Silicon Carbide Systems***Silicon Carbide-Molybdenum Silicide Systems***see Molybdenum Silicide-Silicon Carbide Systems***Silicon Carbide-Molybdenum Silicide-Titanium Carbide Systems***see Molybdenum Silicide-Silicon Carbide-Titanium Carbide Systems***Silicon Carbide-Molybdenum Silicide-Zirconium Carbide Systems***see Molybdenum Silicide-Silicon Carbide-Zirconium Carbide Systems***Silicon Carbide-Niobium Carbide Systems***see Niobium Carbide-Silicon Carbide Systems***Silicon Carbide-Niobium Carbide-Titanium Carbide Systems***see Niobium Carbide-Silicon Carbide-Titanium Carbide Systems***Silicon Carbide-Niobium Carbide-Zirconium Carbide Systems***see Niobium Carbide-Silicon Carbide-Zirconium Carbide Systems***Silicon Carbide-Niobium Oxide-Zirconium Oxide Systems***see Niobium Oxide-Silicon Carbide-Zirconium Oxide Systems***Silicon Carbide-Phosphorus Oxide-Silicon-Uranium Systems***see Phosphorus Oxide-Silicon-Silicon Carbide-Uranium Systems***Silicon Carbide-Silicon Oxide Systems****Silicon Carbide-Silicon Systems***see Silicon-Silicon Carbide Systems***Silicon Carbide-Silicon-Uranium Carbide Systems***see Silicon-Silicon Carbide-Uranium Carbide Systems***Silicon Carbide-Silicon-Uranium Oxide Systems***see Silicon-Silicon Carbide-Uranium Oxide Systems***Silicon Carbide-Tantalum Carbide Systems****Silicon Carbide-Tantalum Carbide-Titanium Carbide Systems****Silicon Carbide-Tantalum Carbide-Zirconium Carbide Systems****Silicon Carbide-Titanium Carbide Systems****Silicon Carbide-Titanium Carbide-Zirconium Carbide Systems****Silicon Carbide-Uranium(IV) Oxide Systems****Silicon Carbide-Vanadium Carbide Systems****Silicon Carbide-Vanadium Carbide-Zirconium Carbide Systems****Silicon Carbide-Zirconium Carbide Systems****Silicon Carbides****xx Carborundum****Silicon-Carbon-Iron-Manganese Systems***see Carbon-Iron-Manganese-Silicon Systems***Silicon-Carbon-Iron Systems***see Carbon-Iron-Silicon Systems***Silicon-Carbon-Molybdenum Systems***see Carbon-Molybdenum-Silicon Systems***Silicon-Carbon-Niobium Systems***see Carbon-Niobium-Silicon Systems*

Silicon-Carbon-Silicon Carbide Systems

see Carbon-Silicon-Silicon Carbide Systems

Silicon-Carbon Systems

see Carbon-Silicon Systems

Silicon-Carbon-Tantalum Systems

see Carbon-Silicon-Tantalum Systems

Silicon-Carbon-Titanium Systems

see Carbon-Silicon-Titanium Systems

Silicon-Carbon-Tungsten Systems

see Carbon-Silicon-Tungsten Systems

Silicon-Carbon-Uranium Systems

see Carbon-Silicon-Uranium Systems

Silicon-Carbon-Zirconium Systems

see Carbon-Silicon-Zirconium Systems

Silicon-Cerium-Iron Systems

see Cerium-Iron-Silicon Systems

Silicon-Cerium-Titanium Systems

see Cerium-Silicon-Titanium Systems

Silicon Chlorides**Silicon-Chromium Boride Systems**

see Chromium Boride-Silicon Systems

Silicon-Chromium Coatings

see Chromium-Silicon Coatings

Silicon-Chromium-Cobalt Systems

see Chromium-Cobalt-Silicon Systems

Silicon-Chromium-Indium-Nickel Systems

see Chromium-Indium-Nickel-Silicon Systems

Silicon-Chromium-Iron-Manganese-Molybdenum-Nickel Systems

see Chromium-Iron-Manganese-Molybdenum-Nickel-Silicon Systems

Silicon-Chromium-Iron-Manganese-Nickel Systems

see Chromium-Iron-Manganese-Nickel-Silicon Systems

Silicon-Chromium-Iron-Manganese Systems

see Chromium-Iron-Manganese-Silicon Systems

Silicon-Chromium-Iron-Molybdenum Systems

see Chromium-Iron-Molybdenum-Silicon Systems

Silicon-Chromium-Iron Systems

see Chromium-Iron-Silicon Systems

Silicon-Chromium-Manganese Steel

see Chromium-Manganese-Silicon Steel

Silicon-Chromium-Manganese Systems

see Chromium-Manganese-Silicon Systems

Silicon-Chromium-Molybdenum Systems

see Chromium-Molybdenum-Silicon Systems

Silicon-Chromium-Nickel Coatings

see Chromium-Nickel-Silicon Coatings

Silicon-Chromium-Nickel-Palladium Systems

see Chromium-Nickel-Palladium-Silicon Systems

Silicon-Chromium-Nickel Systems

see Chromium-Nickel-Silicon Systems

Silicon-Chromium-Niobium Systems

see Chromium-Niobium-Silicon Systems

Silicon-Chromium Steel

see Chromium-Silicon Steel

Silicon-Chromium Systems

see Chromium-Silicon Systems

Silicon-Chromium-Titanium Systems

see Chromium-Silicon-Titanium Systems

Silicon-Chromium-Uranium Systems

see Chromium-Silicon-Uranium Systems

Silicon Coatings

see also Uranium (Si Clad)

Silicon-Cobalt-Iron Systems

see Cobalt-Iron-Silicon Systems

Silicon-Cobalt-Manganese Systems

see Cobalt-Manganese-Silicon Systems

Silicon-Cobalt-Molybdenum Systems

see Cobalt-Molybdenum-Silicon Systems

Silicon-Cobalt-Molybdenum-Titanium Systems

see Cobalt-Molybdenum-Silicon-Titanium Systems

Silicon-Cobalt-Niobium Systems

see Cobalt-Niobium-Silicon Systems

Silicon-Cobalt Systems

see Cobalt-Silicon Systems

Silicon-Cobalt-Tantalum Systems

see Cobalt-Silicon-Tantalum Systems

Silicon-Cobalt-Titanium Systems

see Cobalt-Silicon-Titanium Systems

Silicon-Cobalt-Tungsten Systems

see Cobalt-Silicon-Tungsten Systems

Silicon-Cobalt-Uranium Systems

see Cobalt-Silicon-Uranium Systems

Silicon Compacts

xx Compacts

Silicon Compounds**Silicon-Copper Crystals**

see Copper-Silicon Crystals

Silicon-Copper-Iron-Magnesium Systems

see Copper-Iron-Magnesium-Silicon Systems

Silicon-Copper-Manganese Systems

see Copper-Manganese-Silicon Systems

Silicon-Copper-Molybdenum Systems

see Copper-Molybdenum-Silicon Systems

Silicon-Copper-Nickel Systems

see Copper-Nickel-Silicon Systems

Silicon-Copper Systems

see Copper-Silicon Systems

Silicon Crystals**Silicon Fluorides****Silicon-Gallium Systems**

see Gallium-Silicon Systems

Silicon-Gold Couples

see Gold-Silicon Couples

Silicon Hydrides**Silicon-Indium-Nickel Systems**

see Indium-Nickel-Silicon Systems

Silicon Iodides**Silicon Ions****Silicon-Iridium Systems**

see Iridium-Silicon Systems

Silicon-Iron Crystals

see Iron-Silicon Crystals

Silicon-Iron-Magnesium Systems

see Iron-Magnesium-Silicon Systems

Silicon-Iron-Manganese Systems

see Iron-Manganese-Silicon Systems

Silicon-Iron-Molybdenum Systems

see Iron-Molybdenum-Silicon Systems

Silicon-Iron-Molybdenum-Nickel Systems

see Iron-Molybdenum-Nickel-Silicon Systems

Silicon-Iron-Nickel Systems

see Iron-Nickel-Silicon Systems

Silicon-Iron Systems

see Iron-Silicon Systems

Silicon-Iron-Titanium Systems

see Iron-Silicon-Titanium Systems

Silicon-Iron-Tungsten Systems

see Iron-Silicon-Tungsten Systems

Silicon-Iron-Uranium Systems

see Iron-Silicon-Uranium Systems

Silicon Isocyanates

xx Isocyanates

Silicon Isotopes**Silicon Isotopes Si²⁶****Silicon Isotopes Si²⁷****Silicon Isotopes Si²⁸****Silicon Isotopes Si²⁹****Silicon Isotopes Si³⁰****Silicon Isotopes Si³¹****Silicon Isotopes Si³²****Silicon Junctions****Silicon-Lithium Systems**

see Lithium-Silicon Systems

Silicon-Magnesium Coatings

see Magnesium-Silicon Coatings

Silicon–Magnesium Crystals

see *Magnesium–Silicon Crystals*

Silicon–Magnesium Systems

see *Magnesium–Silicon Systems*

Silicon–Magnesium Systems (Impregnated)

see *Magnesium–Silicon Systems (Impregnated)*

Silicon–Magnesium–Uranium Systems

see *Magnesium–Silicon–Uranium Systems*

Silicon–Magnesium–Zirconium Systems

see *Magnesium–Silicon–Zirconium Systems*

Silicon–Manganese Boride Systems

see *Manganese Boride–Silicon Systems*

Silicon–Manganese–Nickel Systems

see *Manganese–Nickel–Silicon Systems*

Silicon–Manganese Systems

see *Manganese–Silicon Systems*

Silicon–Manganese–Uranium Systems

see *Manganese–Silicon–Uranium Systems*

Silicon–Molybdenum–Nickel Systems

see *Molybdenum–Nickel–Silicon Systems*

Silicon–Molybdenum–Niobium Systems

see *Molybdenum–Niobium–Silicon Systems*

Silicon–Molybdenum Systems

see *Molybdenum–Silicon Systems*

Silicon–Molybdenum–Titanium Systems

see *Molybdenum–Silicon–Titanium Systems*

Silicon–Molybdenum–Uranium Systems

see *Molybdenum–Silicon–Uranium Systems*

Silicon–Molybdenum–Vanadium Systems

see *Molybdenum–Silicon–Vanadium Systems*

Silicon–Nickel Steel

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Silicon–Nickel Systems

see *Nickel–Silicon Systems*

Silicon–Nickel–Tungsten Systems

see *Nickel–Silicon–Tungsten Systems*

Silicon–Nickel–Uranium Systems

see *Nickel–Silicon–Uranium Systems*

Silicon–Niobium–Plutonium Systems

see *Niobium–Plutonium–Silicon Systems*

Silicon–Niobium Systems

see *Niobium–Silicon Systems*

Silicon–Niobium–Titanium Systems

see *Niobium–Silicon–Titanium Systems*

Silicon–Niobium–Tungsten Systems

see *Niobium–Silicon–Tungsten Systems*

Silicon–Niobium–Uranium Systems

see *Niobium–Silicon–Uranium Systems*

Silicon–Niobium–Uranium–Zirconium Systems

see *Niobium–Silicon–Uranium–Zirconium Systems*

Silicon Nitrides**Silicon Oxide–Aluminum Oxide–Barium Oxide Systems**

see *Aluminum Oxide–Barium Oxide–Silicon Oxide Systems*

Silicon Oxide–Aluminum Oxide–Boron Oxide Systems

see *Aluminum Oxide–Boron Oxide–Silicon Oxide Systems*

Silicon Oxide–Aluminum Oxide–Calcium Oxide Systems

see *Aluminum Oxide–Calcium Oxide–Silicon Oxide Systems*

Silicon Oxide–Aluminum Oxide–Lithium Oxide Systems

see *Aluminum Oxide–Lithium Oxide–Silicon Oxide Systems*

Silicon Oxide–Aluminum Oxide–Magnesium Oxide–Zirconium Oxide Systems

see *Aluminum Oxide–Magnesium Oxide–Silicon Oxide–Zirconium Oxide Systems*

Silicon Oxide–Aluminum Oxide–Manganese Oxide Systems

see *Aluminum Oxide–Manganese Oxide–Silicon Oxide Systems*

Silicon Oxide–Aluminum Oxide–Neodymium Oxide Systems

see *Aluminum Oxide–Neodymium Oxide–Silicon Oxide Systems*

Silicon Oxide–Aluminum Oxide Systems

see *Aluminum Oxide–Silicon Oxide Systems*

Silicon Oxide–Aluminum Oxide–Titanium Oxide–Zirconium Oxide Systems

see *Aluminum Oxide–Silicon Oxide–Titanium Oxide–Zirconium Oxide Systems*

Silicon Oxide–Barium Oxide Systems

see *Barium Oxide–Silicon Oxide Systems*

Silicon Oxide–Beryllium Oxide Systems

see *Beryllium Oxide–Silicon Oxide Systems*

Silicon Oxide–Boron Carbide Systems

see *Boron Carbide–Silicon Oxide Systems*

Silicon Oxide–Boron Oxide–Lithium Oxide Systems

see *Boron Oxide–Lithium Oxide–Silicon Oxide Systems*

Silicon Oxide–Boron Oxide Systems

see *Boron Oxide–Silicon Oxide Systems*

Silicon Oxide–Calcium Oxide–Iron Oxide Systems

see *Calcium Oxide–Iron Oxide–Silicon Oxide Systems*

Silicon Oxide–Calcium Oxide–Lithium Oxide Systems

see *Calcium Oxide–Lithium Oxide–Silicon Oxide Systems*

Silicon Oxide–Calcium Oxide–Niobium Oxide Systems

see *Calcium Oxide–Niobium Oxide–Silicon Oxide Systems*

Silicon Oxide–Calcium Oxide–Sodium Oxide Systems

see *Calcium Oxide–Silicon Oxide–Sodium Oxide Systems*

Silicon Oxide–Chromium Oxide–Iron Oxide Systems

see *Chromium Oxide–Iron Oxide–Silicon Oxide Systems*

Silicon Oxide Coatings

x Silica Coatings

xx Oxide Coatings

Silicon Oxide–Copper Systems

see *Copper–Silicon Oxide Systems*

Silicon Oxide Crucibles

xx Oxide Crucibles

Silicon Oxide Crystals

xx Oxide Crystals

Silicon Oxide Films

xx Oxide Films

Silicon Oxide–Gadolinium Oxide Systems

see *Gadolinium Oxide–Silicon Oxide Systems*

Silicon Oxide–Graphite Systems

see *Graphite–Silicon Oxide Systems*

Silicon Oxide–Hafnium Boride–Hafnium Oxide Systems

see *Hafnium Boride–Hafnium Oxide–Silicon Oxide Systems*

Silicon Oxide–Iron Oxide–Manganese Oxide Systems

see *Iron Oxide–Manganese Oxide–Silicon Oxide Systems*

Silicon Oxide–Iron Oxide Systems

see *Iron Oxide–Silicon Oxide Systems*

Silicon Oxide–Iron Oxide–Zirconium Oxide Systems

see *Iron Oxide–Silicon Oxide–Zirconium Oxide Systems*

Silicon Oxide–Magnesium Oxide Systems

see *Magnesium Oxide–Silicon Oxide Systems*

Silicon Oxide–Magnesium Oxide–Zirconium Oxide Systems

see *Magnesium Oxide–Silicon Oxide–Zirconium Oxide Systems*

Silicon Oxide–Nickel Systems

see *Nickel–Silicon Oxide Systems*

Silicon Oxide–Niobium Oxide Systems

see *Niobium Oxide–Silicon Oxide Systems*

Silicon Oxide–Potassium Oxide Systems

see *Potassium Oxide–Silicon Oxide Systems*

Silicon Oxide Powders

xx Oxide Powders

Silicon Oxide–Samarium Oxide Systems

see *Samarium Oxide–Silicon Oxide Systems*

Silicon Oxide–Silicon Carbide Systems

see *Silicon Carbide–Silicon Oxide Systems*

Silicon Oxide–Silicon Systems

see *Silicon–Silicon Oxide Systems*

Silicon Oxide Slurries

xx Oxide Slurries

Silicon Oxide–Sodium Hydroxide Systems**Silicon Oxide–Sodium Oxide–Strontium Oxide Systems****Silicon Oxide–Sodium Oxide Systems****Silicon Oxide–Sodium Oxide–Zirconium Oxide Systems****Silicon Oxide–Strontium Oxide Systems****Silicon Oxide–Thorium Oxide Systems****Silicon Oxide–Titanium Oxide Systems****Silicon Oxide–Titanium Oxide–Zirconium Oxide Systems**

Silicon Oxide-Uranium Oxide Systems**Silicon Oxide-Ytterbium Oxide Systems****Silicon Oxide-Yttrium Oxide Systems****Silicon Oxide-Zirconium Boride-Zirconium Oxide Systems****Silicon Oxide-Zirconium Oxide Systems****Silicon Oxides**

- x Flint
- Silica
- xx Adsorbents
- Quartz
- Sands

Silicon Oxides (Colloidal)

- x Silica Gel
- xx Colloids

Silicon Oxides (Fused)

- x Fused Silica

Silicon-Oxygen-Titanium Systems

see Oxygen-Silicon-Titanium Systems

Silicon-Palladium Systems

see Palladium-Silicon Systems

Silicon-Phosphorus Oxide-Silicon Carbide-Uranium Systems

see Phosphorus Oxide-Silicon-Silicon Carbide-Uranium Systems

Silicon-Phosphorus Systems

see Phosphorus-Silicon Systems

Silicon-Platinum Systems

see Platinum-Silicon Systems

Silicon-Plutonium Systems

see Plutonium-Silicon Systems

Silicon-Rhenium Systems

see Rhenium-Silicon Systems

Silicon-Rhenium-Titanium Systems

see Rhenium-Silicon-Titanium Systems

Silicon-Rhodium Systems

see Rhodium-Silicon Systems

Silicon Salts

see also Acetic Acid, Fluoro-, Silicon Salts

Silicon-Silicon Boride Compacts**Silicon-Silicon Carbide Systems****Silicon-Silicon Carbide-Uranium Carbide Systems****Silicon-Silicon Carbide-Uranium Oxide Systems****Silicon-Silicon Oxide Systems****Silicon-Silver Systems****Silicon Steel**

- xx Steel

Silicon Systems

- x Silicon Alloys

Silicon, Tetramethyl-**Silicon-Thorium Systems****Silicon-Thorium-Uranium Systems****Silicon-Thorium-Zirconium Systems****Silicon-Titanium Boride Systems****Silicon-Titanium Systems****Silicon-Titanium-Uranium Systems****Silicon-Titanium-Vanadium Systems****Silicon-Tungsten Systems****Silicon-Uranium Compacts****Silicon-Uranium Oxide Compacts****Silicon-Uranium System-Uranium Couples****Silicon-Uranium Systems****Silicon-Uranium Systems (Clad)****Silicon-Uranium Systems (Zr Alloy Clad)****Silicon-Uranium Systems (Zr Clad)**

- xx Zirconium Cladding

Silicon-Uranium-Vanadium Systems**Silicon-Uranium-Zirconium Systems****Silicon-Vanadium Systems****Silicon-Yttrium Systems****Silicon-Zirconium Systems****Silicone Coatings**

- xx Coatings

Silicone Polymers

see also Silicone Rubbers

- xx Polymers

Silicone Rubbers

Silicone Rubbers

see also Silicone Polymers

- xx Rubber

Silicon Polymers

Silicones

- x Siloxanes

Silicoorganic Compounds

- xx Organic Compounds

Silicotungstic Acid

see Heteropoly Acids

Silkworms**Sillimanites****Siloxanes**

see Silicones

Silts

- x Sediments
- xx Soils

Silver**Silver (Colloidal)****Silver (Liquid)****Silver Acetates****Silver Alloys****Silver-Aluminum Alloys**

see Aluminum-Silver Alloys

Silver-Aluminum-Beryllium-Indium Alloys

see Aluminum-Beryllium-Indium-Silver Alloys

Silver-Aluminum-Cadmium-Indium Alloys

see Aluminum-Cadmium-Indium-Silver Alloys

Silver-Aluminum-Cadmium-Indium-Tin Alloys

see Aluminum-Cadmium-Indium-Silver-Tin Alloys

Silver-Aluminum Crystals

see Aluminum-Silver Crystals

Silver-Aluminum-Indium Alloys

see Aluminum-Indium-Silver Alloys

Silver-Aluminum-Magnesium Alloys

see Aluminum-Magnesium-Silver Alloys

Silver-Aluminum-Manganese Alloys

see Aluminum-Manganese-Silver Alloys

Silver-Aluminum-Titanium Alloys

see Aluminum-Silver-Titanium Alloys

Silver-Antimony Alloys

see Antimony-Silver Alloys

Silver-Antimony Couples

see Antimony-Silver Couples

Silver-Antimony-Selenium Systems

see Antimony-Selenium-Silver Systems

Silver-Antimony-Tellurium Systems

see Antimony-Silver-Tellurium Systems

Silver-Beryllium Alloys

see Beryllium-Silver Alloys

Silver-Beryllium-Germanium Alloys

see Beryllium-Germanium-Silver Alloys

Silver-Beryllium-Lithium Alloys

see Beryllium-Lithium-Silver Alloys

Silver-Bismuth-Lead Alloys

see Bismuth-Lead-Silver Alloys

Silver-Bismuth-Selenium Systems

see Bismuth-Selenium-Silver Systems

Silver-Boron Carbide-Cadmium Systems

see Boron Carbide-Cadmium-Silver Systems

Silver-Boron Carbide Systems

see Boron Carbide-Silver Systems

Silver Bromide Crystals

- xx Bromide Crystals

Silver Bromide-Potassium Chloride Systems

see Potassium Chloride-Silver Bromide Systems

Silver Bromides**Silver-Cadmium Alloys**

see Cadmium-Silver Alloys

Silver-Cadmium Alloys (Clad)

see Cadmium-Silver Alloys (Clad)

Silver-Cadmium-Copper Alloys

see Cadmium-Copper-Silver Alloys

Silver-Cadmium-Europium Alloys

see Cadmium-Europium-Silver Alloys

Silver-Cadmium-Gold Alloys

see Cadmium-Gold-Silver Alloys

Silver-Cadmium-Indium Alloys

see Cadmium-Indium-Silver Alloys

Silver-Cadmium-Indium-Tin Alloys

see Cadmium-Indium-Silver-Tin Alloys

Silver-Cadmium-Palladium Alloys

see Cadmium-Palladium-Silver Alloys

Silver-Calcium Alloys

see Calcium-Silver Alloys

Silver Carbonates

Silver-Cerium-Titanium Alloys

see Cerium-Silver-Titanium Alloys

Silver Chloride-Aluminum Oxide Systems

see Aluminum Oxide-Silver Chloride Systems

Silver Chloride Complexes

xx Chloride Complexes

Silver Chloride Crystals

xx Chloride Crystals

Optical Materials

Silver Chloride Electrodes

xx Electrodes

Silver Chloride-Indium Chloride Systems

see Indium Chloride-Silver Chloride Systems

Silver Chloride-Lithium Chloride Systems

see Lithium Chloride-Silver Chloride Systems

Silver Chloride-Potassium Bromide Systems

see Potassium Bromide-Silver Chloride Systems

Silver Chloride-Sodium Chloride Systems

Silver Chlorides

Silver Chlorides (Liquid)

Silver Chromates

Silver-Chromium Nitride-Nickel Systems

see Chromium Nitride-Nickel-Silver Systems

Silver-Chromium-Uranium Alloys

see Chromium-Silver-Uranium Alloys

Silver Coatings

Silver-Cobalt Alloys

see Cobalt-Silver Alloys

Silver-Cobalt Oxide Systems

see Cobalt Oxide-Silver Systems

Silver Compacts

Silver Complexes

Silver Compounds

see also Argentates

Silver-Copper Alloys

see Copper-Silver Alloys

Silver-Copper Couples

see Copper-Silver Couples

Silver-Copper-Gold Alloys

see Copper-Gold-Silver Alloys

Silver-Copper-Indium Alloys

see Copper-Indium-Silver Alloys

Silver-Copper-Lithium Alloys

see Copper-Lithium-Silver Alloys

Silver Crystals

Silver Cyanamides

xx Cyanamides

Silver Cyanates

xx Cyanates

Silver Derivatives

see Dithizone, Silver Derivatives

Silver Deuterides

Silver-Dysprosium Alloys

see Dysprosium-Silver Alloys

Silver Electrodes

xx Electrodes

Silver Films

xx Films

Silver Fluoborates

xx Fluoborates

Silver Fluorides

Silver Fluoruthenates

x Silver Ruthenium Fluorides

xx Fluoruthenates

Silver-Gadolinium Alloys

see Gadolinium-Silver Alloys

Silver-Gallium Alloys

see Gallium-Silver Alloys

Silver Gallium Selenides

xx Gallium Selenides

Silver Gallium Sulfides

xx Gallium Sulfides

Silver Gallium Tellurides

xx Gallium Tellurides

Silver-Germanium Alloys

see Germanium-Silver Alloys

Silver Glass

xx Glass

Silver-Gold Alloys

see Gold-Silver Alloys

Silver-Gold Couples

see Gold-Silver Couples

Silver-Gold-Zinc Alloys

see Gold-Silver-Zinc Alloys

Silver Halide Crystals

xx Halide Crystals

Silver Halides

Silver Hydrides

see also Silver Deuterides

Silver-Indium Alloys

see Indium-Silver Alloys

Silver-Indium-Tin Alloys

see Indium-Silver-Tin Alloys

Silver Iodates

Silver Iodides

Silver Iodomercurates

xx Iodomercurates

Silver Ions

Silver-Iron Alloys

see Iron-Silver Alloys

Silver-Iron Couples

see Iron-Silver Couples

Silver Isotopes

Silver Isotopes Ag¹⁰²Silver Isotopes Ag¹⁰³Silver Isotopes Ag¹⁰⁴Silver Isotopes Ag¹⁰⁶Silver Isotopes Ag¹⁰⁸Silver Isotopes Ag¹⁰⁷Silver Isotopes Ag¹⁰⁸Silver Isotopes Ag¹⁰⁹Silver Isotopes Ag¹¹⁰Silver Isotopes Ag¹¹¹Silver Isotopes Ag¹¹²Silver Isotopes Ag¹¹³Silver Isotopes Ag¹¹⁴Silver Isotopes Ag¹¹⁶Silver Isotopes Ag¹¹⁸Silver Isotopes Ag¹¹⁷

Silver-Lead Alloys

see Lead-Silver Alloys

Silver-Lead Iodide Systems

see Lead Iodide-Silver Systems

Silver-Lithium Alloys

see Lithium-Silver Alloys

Silver-Lithium-Magnesium Alloys

see Lithium-Magnesium-Silver Alloys

- Silver–Lutetium Alloys
 - see* *Lutetium–Silver Alloys*
- Silver–Magnesium Alloys
 - see* *Magnesium–Silver Alloys*
- Silver–Magnesium–Neodymium–Zirconium Alloys
 - see* *Magnesium–Neodymium–Silver–Zirconium Alloys*
- Silver–Magnesium–Zirconium Alloys
 - see* *Magnesium–Silver–Zirconium Alloys*
- Silver–Manganese Alloys
 - see* *Manganese–Silver Alloys*
- Silver–Molybdenum Boride–Nickel Systems
 - see* *Molybdenum Boride–Nickel–Silver Systems*
- Silver–Nickel Alloy Couples
 - see* *Nickel Alloy–Silver Couples*
- Silver–Nickel Alloys
 - see* *Nickel–Silver Alloys*
- Silver–Nickel Alloys (Liquid)
 - see* *Nickel–Silver Couples*
- Silver–Nickel–Tungsten Boride Systems
 - see* *Nickel–Silver–Tungsten Boride Systems*
- Silver–Nickel–Vanadium Silicide Systems
 - see* *Nickel–Silver–Vanadium Silicide Systems*
- Silver Niobates**
 - xx Niobates
- Silver Nitrate–Barium Nitrate Systems
 - see* *Barium Nitrate–Silver Nitrate Systems*
- Silver Nitrate–Calcium Nitrate Systems
 - see* *Calcium Nitrate–Silver Nitrate Systems*
- Silver Nitrate–Magnesium Nitrate Systems
 - see* *Magnesium Nitrate–Silver Nitrate Systems*
- Silver Nitrate–Potassium Chloride–Potassium Nitrate Systems
 - see* *Potassium Chloride–Potassium Nitrate–Silver Nitrate Systems*
- Silver Nitrate–Potassium Nitrate Systems
 - see* *Potassium Nitrate–Silver Nitrate Systems*
- Silver Nitrate–Rubidium Nitrate Systems
 - see* *Rubidium Nitrate–Silver Nitrate Systems*
- Silver Nitrate–Sodium Chloride–Sodium Nitrate Systems**
- Silver Nitrate–Sodium Nitrate Systems**
- Silver Nitrate–Sodium Nitrate–Water Systems**
- Silver Nitrates**
- Silver Nitrates (Liquid)**
- Silver Nitrites**
 - xx Nitrites
- Silver Ores**
 - xx Ores
- Silver Oxalates**
- Silver Oxide–Sodium Oxide–Zirconium Oxide Systems**
- Silver Oxides**
- Silver–Palladium Alloys
 - see* *Palladium–Silver Alloys*
- Silver–Palladium Couples
 - see* *Palladium–Silver Couples*
- Silver Perchlorate–Benzene Systems
 - see* *Benzene–Silver Perchlorate Systems*
- Silver Perchlorates**
 - xx Perchlorates
- Silver Periodates**
 - xx Periodates
- Silver Permanganates**
 - xx Permanganates
- Silver–Phosphorus Systems
 - see* *Phosphorus–Silver Systems*
- Silver–Platinum Alloys
 - see* *Platinum–Silver Alloys*
- Silver–Plutonium Alloys
 - see* *Plutonium–Silver Alloys*
- Silver–Plutonium–Uranium Alloys
 - see* *Plutonium–Silver–Uranium Alloys*
- Silver–Polonium Alloys
 - see* *Polonium–Silver Alloys*
- Silver Powders**
 - xx Powders
- Silver–Ruthenium Alloys
 - see* *Ruthenium–Silver Alloys*
- Silver Ruthenium Fluorides
 - see* *Silver Fluororuthenates*
- Silver Salts**
 - see also* *Acetic Acid, Trifluoro-, Silver Salts*
 - Butyric Acid, Heptafluoro-, Silver Salts*
 - Succinic Acid, Tetrafluoro-, Silver Salts*
- Silver–Selenium Systems
 - see* *Selenium–Silver Systems*
- Silver–Silicon Systems
 - see* *Silicon–Silver Systems*
- Silver Sulfates**
- Silver Sulfides**
- Silver Systems**
- Silver–Tellurium Systems**
- Silver–Thallium Alloys**
- Silver–Tin Alloys**
- Silver–Titanium Alloys**
- Silver Trifluoroacetates
 - see* *Acetic Acid, Trifluoro-, Silver Salts*
- Silver Tungstates**
 - xx Tungstates
- Silver–Tungsten Carbide Systems**
- Silver–Uranium Alloys**
- Silver–Uranium Oxide Compacts**
- Silver Vanadates**
 - xx Vanadates
- Silver–Zinc Alloys**
- Silver–Zirconium Alloys**
- Simplotites**
 - Simpson Audio Detector
 - see* *Radiation Detection Instruments (Audio Pulse Type)*
 - Simpson Methane Flow Chamber
 - see* *Proportional Detectors*
 - Simpson Methane Flow Scaler
 - see* *Scalers*
- Simulators
 - see* *Computers*
 - Reactor Simulators*
- Single Crystals**
 - (See also main headings by name of materials, e g , Copper Crystals)*
 - xx Crystals
- Sintering**
 - xx Cementation
 - Heat Treatment
- Sioux Falls Power Reactor**
 - (Northern States Power Company)*
 - x Controlled Recirculation Boiling Reactor
 - CRBR
 - Pathfinder Reactor
 - xx Boiling Reactors
 - Power Reactors
- Siphons**
 - x Thermal Siphons
- SIR
 - see* *Submarine Intermediate Reactor*
- Sizewell Power Reactors
 - see* *Calder Hall Reactors*
- Skeleton**
 - see also* *Bones*
 - xx Bones
- Skin**
 - xx Epithelium
- Skin Diseases**
 - x Dermatitis
 - xx Diseases
- Skin Grafting**
 - x Grafting
- Skin Lesions**
 - x Lesions

Skłodowskites

- xx Uranium Minerals

SL-1 Reactors

- see *Army Reactors (SL-1)*

Slags**SLEEP Reactor**

(*Swedish Low Energy Experimental Pile*)

- x R 1 Reactor (Swedish)
- Swedish Reactors (R-1)
- xx Gas Cooled Reactors
- Heavy Water Reactors
- Research Reactors

Slimes

- see *Bacterial Slimes*
- Phosphate Slimes*
- Uranium Ore Slimes*

Slope Gages

- xx Gages

Slow Neutrons

- see *Thermal Neutrons*

Slug Canning

see also *Radiation Target Cans*

- Slug Cans*
- Slug Coatings*
- Slug Elements*
- Slugs*
- x Canning
- Cans and Canning
- Raincoat Process
- xx Bonding
- Dip Coatings
- Slug Cans
- Slug Coatings
- Slug Elements

Slug Cans

(*Design and fabrication*)

see also *Radiation Target Cans*

- Slug Canning*
- Slug Elements*
- x Cans and Canning
- xx Radiation Target Cans
- Slug Canning
- Slug Elements
- Slug Jackets

Slug Coatings

(*Bonding or cementation coatings, and processes used*)

see also *Slug Canning*

- Slug Jackets*
- x Jackets
- xx Bonding
- Coatings
- Dip Coatings
- Metal Coatings
- Slug Canning
- Slug Elements
- Slug Jackets

Slug Elements

(*Covering material on the assembled reactor fuel element*)

see also *Long Cartridges*

- Reactor Breeding Elements*
- Reactor Fuel Elements*
- Reactor Solutions*
- Reactor Slurries*
- Slug Canning*
- Slug Cans*
- Slug Coatings*
- Slug Jackets*
- Slugs*
- x Cartridges
- Fuel Elements
- xx Reactor Fuel Elements

Slug Canning**Slug Cans****Slug Elements (Depleted)**

(*Less than normal U^{235} concentration*)

- x Depleted Slug Elements
- Redox Slugs

Slug Elements (Enriched)

(*More than normal U^{235} concentration*)

- x Enriched Slug Elements

Slug Handling

- x Handling and Storage

Slug Jackets

- x Jackets
- xx Coatings
- Slug Coatings
- Slug Elements

Slugs

- xx Slug Canning
- Slug Elements

Slugs (Enriched)

- x Enriched Slugs

Slurex Process

- x Ether Extraction Processes
- GFA Process
- Guts Feathers and All Process
- Processes
- Slurrex Process
- xx Mallinckrodt Process
- Separation Processes
- Slurries
- Uranium Ore Processing Plants

Slurries

(*See also specific homogeneous reactors using slurry fuels See also headings for the classes of slurries, e g , Oxide Slurries, included in the list below for the lists of specific slurries included in each class*)

see also *Bismuth-Lead-Thorium Alloy Slurries*

- Bismuth-Thorium Alloy Slurries*
- Bismuth-Uranium Alloy Slurries*
- Carbonate Slurries*
- Chloride Slurries*
- Hanford Waste Slurries*
- Homogeneous Reactors*
- Hydroxide Slurries*
- Lead-Uranium Alloy Slurries*
- Liquid Metal Slurries*
- Oxide Slurries*
- Phosphate Slurries*
- Reactor Slurries*
- Slurex Process*
- Sodium-Uranium Alloy Slurries*
- Suspensions*
- Thorium Slurries*
- Uranate Slurries*
- Uranium Slurries*

- xx Disperse Systems
- Suspensions

Slurry Reactor

see *Homogeneous Reactor Experiment*

SM-1 Reactors

see *Army Reactors (SM-1)*

SM-2 Reactors

see *Army Reactors (SM-2)*

Small Submarine Reactor

see *Submarine Reactors (S1C)*

Submarine Reactors (S2C)

Smoke Generators

see also *Aerosol Generators*

- Smokes*
- Stack Disposal*

- xx Aerosol Generators
- Generators

- Stack Disposal
- Smoke Ring
 - see* Pinch Devices
- Smokes**
 - xx Aerosols
 - Colloids
 - Disperse Systems
 - Smoke Generators
 - Stack Disposal
- SMR
 - see* Shield Mockup Reactor
- Snails**
- SNAP Reactors
 - see* Systems for Nuclear Auxiliary Power (SNAP)
- Snapper Operation**
 - see also* Tumbler Operation
 - x Operations
 - Tumbler–Snapper Operation
 - xx Tumbler Operation
- Snow**
- SNSE Reactor
 - see* Argonaut Reactor
- Soap Solutions**
 - xx Cleaning Solutions
 - Detergents
- Soapstone
 - see* Steatites
- Soda Ash
 - see* Sodium Carbonates
- Soda Lime
 - see* Calcium Oxide–Sodium Hydroxide Systems
- Sodalites**
- Soddyites**
 - xx Uranium Minerals
- Sodium**
 - see also* Alkali Metals
- Sodium (Gaseous)**
- Sodium (Liquid)**
- Sodium Acetates**
 - see also* Acetic Acid, Fluoro-, Sodium Salts
 - xx Acetates
- Sodium Acid Carbonate–Sodium Carbonate–Sodium Sulfate Systems**
- Sodium Acid Carbonates**
 - x Acid Carbonates
 - Sodium Bicarbonates
 - xx Sodium Carbonates
- Sodium Acid Fluorides**
 - x Acid Fluorides
- Sodium Acid Phosphates**
 - x Acid Phosphates
- Sodium Acid Sulfate–Potassium Acid Sulfate Systems
 - see* Potassium Acid Sulfate–Sodium Acid Sulfate Systems
- Sodium Acid Sulfates**
 - x Acid Sulfates
 - xx Sodium Sulfates
- Sodium Acid Sulfites**
 - x Acid Sulfites
- Sodium Alcoholates**
 - xx Alcoholates
- Sodium Alloys**
- Sodium Allyl Sulfonates
 - see* 2-Propene-1-Sulfonic Acid, Sodium Salts
- Sodium Aluminates**
 - xx Aluminates
- Sodium–Aluminum Alloys
 - see* Aluminum–Sodium Alloys
- Sodium Aluminum Fluorides
 - see* Sodium Fluoroaluminates
- Sodium–Aluminum–Germanium Alloys
 - see* Aluminum–Germanium–Sodium Alloys
- Sodium Aluminum Hydrides**
 - xx Aluminum Hydrides
- Sodium Aluminum Silicates**
 - see also* Albites
 - xx Aluminum Silicates
 - Silicates
- Sodium Americyl Acetates**
 - x Americyl Acetates
 - xx Acetates
- Sodium Amides**
 - xx Amides
- Sodium–Ammonia Systems
 - see* Ammonia–Sodium Systems
- Sodium–Antimony Alloys
 - see* Antimony–Sodium Alloys
- Sodium Arsenates**
 - xx Arsenates
- Sodium Azides**
 - xx Azides
- Sodium–Barium Alloys
 - see* Barium–Sodium Alloys
- Sodium Benzoates
 - see* Benzoic Acid, Sodium Salts
- Sodium Beryllium Fluorides
 - see* Sodium Fluoberyllates
- Sodium Bicarbonates
 - see* Sodium Acid Carbonates
- Sodium–Bismuth Alloys
 - see* Bismuth–Sodium Alloys
- Sodium–Bismuth–Uranium Alloys
 - see* Bismuth–Sodium–Uranium Alloys
- Sodium Borate Glass**
 - xx Glass
- Sodium Borates**
 - see also* Borax
 - Sodium Tetraborates
 - x Sodium Metaborates
 - xx Borates
- Sodium Borofluorides
 - see* Sodium Fluoborates
- Sodium Borohydride–Ammonia Systems
 - see* Ammonia–Sodium Borohydride Systems
- Sodium Borohydride Complexes**
 - xx Borohydride Complexes
- Sodium Borohydride–Ether, Bis(2-Methoxyethyl)–Sodium Fluoborate Systems
 - see* Ether, Bis(2-Methoxyethyl)- Sodium Borohydride–Sodium Fluoborate Systems
- Sodium Borohydride Etherates**
 - x Etherates
- Sodium Borohydride, –Formamide, *N,N*-Dimethyl- Systems
 - see* Formamide, *N,N*-Dimethyl –Sodium Borohydride Systems
- Sodium Borohydride–Lithium Borohydride Systems
 - see* Lithium Borohydride–Sodium Borohydride Systems
- Sodium Borohydrides**
 - xx Borohydrides
- Sodium Bromates**
 - xx Bromates
- Sodium Bromide–Aluminum Bromide Systems
 - see* Aluminum Bromide–Sodium Bromide Systems
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- Sodium Bromide Crystals**
 - xx Bromide Crystals
- Sodium Bromide–Lead Bromide Systems
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- Sodium Bromide–Mercury Chloride Systems
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- Sodium Bromide–Sodium Chloride Systems**
- Sodium Bromide–Sodium Chromate Systems**
- Sodium Bromide–Sodium Sulfate Systems**
- Sodium Bromide–Sodium Systems
 - see* Sodium–Sodium Bromide Systems
- Sodium Bromides**

Sodium Bromoacetates

see *Acetic Acid, Bromo-, Sodium Salts*

Sodium Butyrates

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Sodium–Cadmium Alloys

see *Cadmium–Sodium Alloys*

Sodium Carbides**Sodium–Carbon–Oxygen Systems**

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Sodium Carbonate–Lithium Carbonate–Potassium Carbonate Systems

see *Lithium Carbonate–Potassium Carbonate–Sodium Carbonate Systems*

Sodium Carbonate–Lithium Carbonate Systems

see *Lithium Carbonate–Sodium Carbonate Systems*

Sodium Carbonate–Potassium Carbonate Systems

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Sodium Carbonate–Sodium Acid Carbonate–Sodium Sulfate Systems

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Sodium Carbonate–Sodium Hydroxide Systems**Sodium Carbonate–Sodium Sulfate Systems****Sodium Carbonate–Uranyl Carbonate–Water Systems****Sodium Carbonates**

x Soda Ash

Sodium Chlorates**Sodium Chloride–Aluminum Chloride Systems**

see *Aluminum Chloride–Sodium Chloride Systems*

Sodium Chloride–Barium Chloride Systems

see *Barium Chloride–Sodium Chloride Systems*

Sodium Chloride–Beryllium Chloride Systems

see *Beryllium Chloride–Sodium Chloride Systems*

Sodium Chloride–Calcium Chloride–Lithium Chloride Systems

see *Calcium Chloride–Lithium Chloride–Sodium Chloride Systems*

Sodium Chloride–Calcium Chloride Systems

see *Calcium Chloride–Sodium Chloride Systems*

Sodium Chloride–Cerium Chloride Systems

see *Cerium Chloride–Sodium Chloride Systems*

Sodium Chloride–Cesium Chloride Systems

see *Cesium Chloride–Sodium Chloride Systems*

Sodium Chloride Crystals

xx Chloride Crystals

Sodium Chloride–Hydrogen Peroxide Systems

see *Hydrogen Peroxide–Sodium Chloride Systems*

Sodium Chloride–Indium Chloride Systems

see *Indium Chloride–Sodium Chloride Systems*

Sodium Chloride–Iron Chloride Systems

see *Iron Chloride–Sodium Chloride Systems*

Sodium Chloride–Iron Chloride–Titanium Chloride Systems

see *Iron Chloride–Sodium Chloride–Titanium Chloride Systems*

Sodium Chloride–Lanthanum Chloride Systems

see *Lanthanum Chloride–Sodium Chloride Systems*

Sodium Chloride–Lead Chloride Systems

see *Lead Chloride–Sodium Chloride Systems*

Sodium Chloride–Lithium Chloride–Lithium Sulfate–Potassium Chloride Systems

see *Lithium Chloride–Lithium Sulfate–Potassium Chloride–Sodium Chloride Systems*

Sodium Chloride–Lithium Chloride Systems

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Sodium Chloride–Magnesium Chloride–Potassium Chloride Systems

see *Magnesium Chloride–Potassium Chloride–Sodium Chloride Systems*

Sodium Chloride–Magnesium Chloride Systems

see *Magnesium Chloride–Sodium Chloride Systems*

Sodium Chloride–Mercury Chloride Systems

see *Mercury Chloride–Sodium Chloride Systems*

Sodium Chloride–Neodymium Chloride Systems

see *Neodymium Chloride–Sodium Chloride Systems*

Sodium Chloride–Plutonium Chloride Systems

see *Plutonium Chloride–Sodium Chloride Systems*

Sodium Chloride–Potassium Chloride Systems

see *Potassium Chloride–Sodium Chloride Systems*

Sodium Chloride–Potassium Chloride–Zirconium Chloride Systems

see *Potassium Chloride–Sodium Chloride–Zirconium Chloride Systems*

Sodium Chloride–Potassium Fluotitanate Systems

see *Potassium Fluotitanate–Sodium Chloride Systems*

Sodium Chloride–Potassium Fluotitanate–Titanium Oxide Systems

see *Potassium Fluotitanate–Sodium Chloride–Titanium Oxide Systems*

Sodium Chloride–Silver Chloride Systems

see *Silver Chloride–Sodium Chloride Systems*

Sodium Chloride–Silver Nitrate–Sodium Nitrate Systems

see *Silver Nitrate–Sodium Chloride–Sodium Nitrate Systems*

Sodium Chloride Slurries

xx Chloride Slurries

Sodium Chloride–Sodium Chromate Systems**Sodium Chloride–Sodium Fluoride Systems****Sodium Chloride–Sodium Nitrate Systems****Sodium Chloride–Sodium Sulfate Systems****Sodium Chloride–Sodium Systems**

see *Sodium–Sodium Chloride Systems*

Sodium Chloride–Thorium(IV) Chloride Systems**Sodium Chloride–Titanium Chloride Systems****Sodium Chloride–Uranium(III) Chloride Systems****Sodium Chloride–Uranium(IV) Chloride Systems****Sodium Chloride–Water Systems****Sodium Chloride–Zinc Chloride Systems****Sodium Chloride–Zirconium Chloride Systems****Sodium Chloride–Zirconium Fluoride Systems****Sodium Chlorides**

x Rock Salt

Sodium Chlorides (Liquid)**Sodium Chlorites**

xx Chlorites

Sodium Chloroacetates

see *Acetic Acid, Chloro-, Sodium Salts*

Sodium Chloroiridates

xx Chloroiridates

Sodium Chromate–Sodium Bromide Systems

see *Sodium Bromide–Sodium Chromate Systems*

Sodium Chromate–Sodium Chloride Systems

see *Sodium Chloride–Sodium Chromate Systems*

Sodium Chromates

x Sodium Dichromates

xx Chromates

Sodium Citrates

xx Citrates

Sodium Cobaltates(IV)

x Sodium Oxycobaltates

xx Cobaltates

Sodium Complexes**Sodium Compounds****Sodium Crystals****Sodium Cyanide Crystals**

xx Cyanide Crystals

Sodium Cyanides

xx Cyanides

Sodium Cyanides (Liquid)**Sodium Cyanoaurates(I)**

xx Cyanoaurates(I)

Sodium Derivatives

see *Fluorescein, Disodo-, Sodium Derivatives*

Fluorescein, Sodium Derivatives

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Sodium Deuterides

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xx Deuterides

Sodium Hydrides

Sodium Dichromate–Aluminum Nitrate–Manganese Nitrate–Nitric Acid–Potassium**Permanganate Systems**

see *Aluminum Nitrate–Manganese Nitrate–Nitric Acid–Potassium Permanganate–Sodium Dichromate Systems*

Sodium Dichromates

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Sodium Diethyldithiocarbamates

see *Carbamic Acid, Diethyldithio, Sodium Salts*

Sodium, Diphenyl–**Sodium Dithionites**

x Sodium Hydrosulfite

xx Dithionites

Sodium Diuranates*see Sodium Uranates***Sodium Dodecyl Sulfates**

xx Sodium Sulfates

Sodium Dodecyl Sulfonates

xx Sulfonates

Sodium Electrodes

xx Electrodes

Sodium Ferrates(VI)

x Sodium Oxyferrates

xx Ferrates

Sodium Ferrocyanides

xx Iron Cyanides

Sodium Fires

xx Fires

Sodium Fluoaluminate–Aluminum Fluoride–Aluminum Oxide–Calcium Fluoride Systems*see Aluminum Fluoride–Aluminum Oxide–Calcium Fluoride–Sodium Fluoaluminate Systems***Sodium Fluoaluminate–Aluminum Fluoride–Magnesium Fluoride Systems***see Aluminum Fluoride–Magnesium Fluoride–Sodium Fluoaluminate Systems,***Sodium Fluoaluminate–Aluminum Oxide–Magnesium Fluoride Systems***see Aluminum Oxide–Magnesium Fluoride–Sodium Fluoaluminate Systems***Sodium Fluoaluminates***see also Cryolites*

x Sodium Aluminum Fluorides

xx Fluoaluminates

Sodium Fluoantimonates

xx Antimonates

Fluoantimonates

Sodium Fluoberyllate–Sodium Fluoride Systems**Sodium Fluoberyllate–Sodium Fluouranate Systems****Sodium Fluoberyllates**

xx Fluoberyllates

Sodium Fluoborate–Ether, Bis(2-Methoxyethyl)–Sodium Borohydride Systems*see Ether, Bis(2-Methoxyethyl)–Sodium Borohydride–Sodium Fluoborate Systems***Sodium Fluoborate–Hydrofluoric Acid Systems***see Hydrofluoric Acid–Sodium Fluoborate Systems***Sodium Fluoborate–Potassium Fluoborate Systems***see Potassium Fluoborate–Sodium Fluoborate Systems***Sodium Fluoborates**

x Sodium Borofluorides

xx Borates

Fluoborates

Sodium Fluoferrates

xx Ferrates

Fluoferrates

Sodium Fluophosphates

xx Fluophosphates

Sodium Phosphates

Sodium Fluoride–Aluminum Fluoride–Magnesium Fluoride Systems*see Aluminum Fluoride–Magnesium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Ammonium Fluoride–Water Systems***see Ammonium Fluoride–Sodium Fluoride–Water Systems***Sodium Fluoride–Beryllium Fluoride–Lithium Fluoride Systems***see Beryllium Fluoride–Lithium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Beryllium Fluoride–Lithium Fluoride–Uranium Fluoride Systems***see Beryllium Fluoride–Lithium Fluoride–Sodium Fluoride–Uranium Fluoride Systems***Sodium Fluoride–Beryllium Fluoride–Plutonium Fluoride Systems***see Beryllium Fluoride–Plutonium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Beryllium Fluoride–Potassium Fluoride Systems***see Beryllium Fluoride–Potassium Fluoride–Sodium Fluoride**Systems***Sodium Fluoride–Beryllium Fluoride Systems***see Beryllium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Beryllium Fluoride–Thorium Fluoride Systems***see Beryllium Fluoride–Sodium Fluoride–Thorium Fluoride Systems***Sodium Fluoride–Beryllium Fluoride–Uranium(IV) Fluoride Systems***see Beryllium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride Systems***Sodium Fluoride–Beryllium Fluoride–Uranium Fluoride–Zirconium Fluoride Systems***see Beryllium Fluoride–Sodium Fluoride–Uranium Fluoride–Zirconium Fluoride Systems***Sodium Fluoride–Beryllium Fluoride–Zirconium Fluoride Systems***see Beryllium Fluoride–Sodium Fluoride–Zirconium Fluoride Systems***Sodium Fluoride–Bromine Fluoride Systems***see Bromine Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Calcium Fluoride–Lithium Fluoride–Potassium Fluoride Systems***see Calcium Fluoride–Lithium Fluoride–Potassium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Calcium Fluoride Systems***see Calcium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Cerium Fluoride Systems***see Cerium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Cesium Fluoride Systems***see Cesium Fluoride–Sodium Fluoride Systems***Sodium Fluoride Complexes**

xx Fluoride Complexes

Sodium Fluoride–Cryolite Systems*see Cryolite–Sodium Fluoride Systems***Sodium Fluoride Crystals**

xx Fluoride Crystals

Sodium Fluoride–Hafnium Fluoride Systems*see Hafnium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Hydrofluoric Acid–Potassium Fluoride Systems***see Hydrofluoric Acid–Potassium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Hydrofluoric Acid Systems***see Hydrofluoric Acid–Sodium Fluoride Systems***Sodium Fluoride–Lead Fluoride–Uranium(IV) Fluoride Systems***see Lead Fluoride–Sodium Fluoride–Uranium(IV) Fluoride Systems***Sodium Fluoride–Lithium Fluoride–Potassium Fluoride Systems***see Lithium Fluoride–Potassium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Lithium Fluoride–Potassium Fluoride–Uranium(IV) Fluoride Systems***see Lithium Fluoride–Potassium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride Systems***Sodium Fluoride–Lithium Fluoride–Rubidium Fluoride Systems***see Lithium Fluoride–Rubidium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Lithium Fluoride–Rubidium Fluoride–Uranium Fluoride Systems***see Lithium Fluoride–Rubidium Fluoride–Sodium Fluoride–Uranium Fluoride Systems***Sodium Fluoride–Lithium Fluoride Systems***see Lithium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Lithium Fluoride–Uranium(IV) Fluoride Systems***see Lithium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride Systems***Sodium Fluoride–Lithium Fluoride–Uranium Fluoride–Zirconium Fluoride Systems***see Lithium Fluoride–Sodium Fluoride–Uranium Fluoride–Zirconium Fluoride Systems***Sodium Fluoride–Lithium Fluoride–Zirconium Fluoride Systems***see Lithium Fluoride–Sodium Fluoride–Zirconium Fluoride Systems***Sodium Fluoride–Magnesium Fluoride Systems***see Magnesium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Plutonium Fluoride Systems***see Plutonium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Potassium Fluoride–Rubidium Fluoride Systems***see Potassium Fluoride–Rubidium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Potassium Fluoride Systems***see Potassium Fluoride–Sodium Fluoride Systems***Sodium Fluoride–Potassium Fluoride–Thorium Fluoride Systems***see Potassium Fluoride–Sodium Fluoride–Thorium Fluoride Systems***Sodium Fluoride–Potassium Fluoride–Uranium(IV) Fluoride Systems***see Potassium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride*

Sodium Fluoride–Potassium Fluoride–Uranium(VI) Fluoride Systems

see Potassium Fluoride–Sodium Fluoride–Uranium(VI) Fluoride Systems

Sodium Fluoride–Potassium Fluoride–Uranium(IV) Fluoride–Zirconium Fluoride Systems

see Potassium Fluoride–Sodium Fluoride–Uranium(IV) Fluoride–Zirconium Fluoride Systems

Sodium Fluoride–Potassium Fluoride–Zinc Fluoride Systems

see Potassium Fluoride–Sodium Fluoride–Zinc Fluoride Systems

Sodium Fluoride–Potassium Fluoride–Zirconium Fluoride Systems

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Sodium Fluoride–Rubidium Fluoride–Uranium Fluoride–Zirconium Fluoride Systems

see Rubidium Fluoride–Sodium Fluoride–Uranium Fluoride–Zirconium Fluoride Systems

Sodium Fluoride–Rubidium Fluoride–Zirconium Fluoride Systems

see Rubidium Fluoride–Sodium Fluoride–Zirconium Fluoride Systems

Sodium Fluoride–Sodium Chloride Systems

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Sodium Fluoride–Sodium Fluoberyllate Systems

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Sodium Fluoride–Sodium Hydroxide Systems**Sodium Fluoride–Sodium Molybdate–Sodium Tungstate Systems****Sodium Fluoride–Sodium Systems**

see Sodium–Sodium Fluoride Systems

Sodium Fluoride–Thorium Fluoride Systems**Sodium Fluoride–Thorium(IV) Fluoride Systems****Sodium Fluoride–Thorium Fluoride–Uranium Fluoride Systems****Sodium Fluoride–Thorium Nitrate Systems****Sodium Fluoride–Uranium(III) Fluoride Systems****Sodium Fluoride–Uranium(IV) Fluoride Systems****Sodium Fluoride–Uranium(III) Fluoride–Zirconium Fluoride Systems****Sodium Fluoride–Uranium(IV) Fluoride–Zirconium Fluoride Systems****Sodium Fluoride–Uranium Systems****Sodium Fluoride–Uranyl Nitrate Systems****Sodium Fluoride–Zinc Fluoride Systems****Sodium Fluoride–Zirconium Fluoride Systems****Sodium Fluoride–Zirconium Fluoride–Zirconium Oxide Systems****Sodium Fluorides****Sodium Fluosilicates**

xx Fluosilicates

Sodium Fluotantalates

xx Fluotantalates

Sodium Fluouranate–Sodium Fluoberyllate Systems

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Sodium Fluouranates

xx Fluouranates

Sodium Uranates

Sodium Formates**Sodium Gallates**

xx Gallates

Sodium–Gallium Alloys

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Sodium–Gold Alloys

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Sodium–Graphite Compounds

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Sodium Halide–Sodium Hydroxide Systems**Sodium Halide–Sodium Systems**

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Sodium Halides**Sodium Hydride–Lithium Hydroxide–Sodium Hydroxide Systems**

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Sodium Hydride–Sodium Hydroxide Systems**Sodium Hydrides**

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xx Sodium Deuterides

Sodium–Hydrogen–Oxygen Systems

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Sodium–Hydrogen Systems

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Sodium Hydroxide–Barium Hydroxide Systems

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Sodium Hydroxide–Calcium Oxide Systems

see Calcium Oxide–Sodium Hydroxide Systems

Sodium Hydroxide–Copper Systems

see Copper–Sodium Hydroxide Systems

Sodium Hydroxide–Hydrogen Peroxide Systems

see Hydrogen Peroxide–Sodium Hydroxide Systems

Sodium Hydroxide–Lithium Hydroxide–Sodium Hydride Systems

see Lithium Hydroxide–Sodium Hydride–Sodium Hydroxide Systems

Sodium Hydroxide–Lithium Hydroxide Systems

see Lithium Hydroxide–Sodium Hydroxide Systems

Sodium Hydroxide–Nickel Systems

see Nickel–Sodium Hydroxide Systems

Sodium Hydroxide–Potassium Hydroxide Systems

see Potassium Hydroxide–Sodium Hydroxide Systems

Sodium Hydroxide–Silicon Oxide Systems

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Sodium Hydroxide Slurries

xx Hydroxide Slurries

Sodium Hydroxide–Sodium Carbonate Systems

see Sodium Carbonate–Sodium Hydroxide Systems

Sodium Hydroxide–Sodium Fluoride Systems

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Sodium Hydroxide–Sodium Halide Systems

see Sodium Halide–Sodium Hydroxide Systems

Sodium Hydroxide–Sodium Hydride Systems

see Sodium Hydride–Sodium Hydroxide Systems

Sodium Hydroxide–Sodium Nitrate Systems**Sodium Hydroxide–Sodium Nitrate–Water Systems****Sodium Hydroxide–Sodium Oxide Systems****Sodium Hydroxide–Sodium Phosphate Systems****Sodium Hydroxide–Sodium Sulfate Systems****Sodium Hydroxide–Uranium(VI) Oxide Slurries****Sodium Hydroxide–Water Systems****Sodium Hydroxides****Sodium Hydroxides (Liquid)****Sodium Iodates****Sodium Iodide Crystals**

xx Iodide Crystals

Sodium Iodide–Sodium Systems

see Sodium–Sodium Iodide Systems

Sodium Iodides**Sodium Ion Beams**

x Beams

xx Ion Beams

Sodium Ions**Sodium Ions (Recoil)**

xx Recoil Ions

Sodium Isobutyrate

see Isobutyric Acid, Sodium Salts

Sodium Isocaproate

see Isocaproic Acid, Sodium Salts

Sodium Isotopes**Sodium Isotopes Na²⁰****Sodium Isotopes Na²¹****Sodium Isotopes Na²²****Sodium Isotopes Na²³****Sodium Isotopes Na²⁴****Sodium Isotopes Na²⁵****Sodium Isotopes Na²⁶****Sodium–Lead Alloys**

see Lead–Sodium Alloys

Sodium–Lithium Alloys

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Sodium Lutetium Oxides

xx Lutetium Oxides

Sodium Manganese Fluorides

xx Manganese Fluorides

Sodium–Mercury Alloys*see* Mercury–Sodium Alloys**Sodium Metaborates***see* Sodium Borates**Sodium Metaphosphate–Sodium Sulfate Systems****Sodium Metatantalates***see* Sodium Tantalates**Sodium Methyl Carbonates****Sodium Molybdate–Sodium Fluoride–Sodium Tungstate Systems***see* Sodium Fluoride–Sodium Molybdate–Sodium Tungstate Systems**Sodium Neptunyl Acetates**

xx Acetates

Neptunyl Acetates

Sodium Nickelates

xx Nickelates

Sodium Niobates*see also* Potassium Sodium Niobates

xx Niobates

Sodium Nitrate Crystals

xx Nitrate Crystals

Sodium Nitrate–Lithium Nitrate–Potassium Nitrate Systems*see* Lithium Nitrate–Potassium Nitrate–Sodium Nitrate Systems**Sodium Nitrate–Potassium Nitrate–Sodium Nitrite Systems***see* Potassium Nitrate–Sodium Nitrate–Sodium Nitrite Systems**Sodium Nitrate–Potassium Nitrate Systems***see* Potassium Nitrate–Sodium Nitrate Systems**Sodium Nitrate–Silver Nitrate–Sodium Chloride Systems***see* Silver Nitrate–Sodium Chloride–Sodium Nitrate Systems**Sodium Nitrate–Silver Nitrate Systems***see* Silver Nitrate–Sodium Nitrate Systems**Sodium Nitrate–Silver Nitrate–Water Systems***see* Silver Nitrate–Sodium Nitrate–Water Systems**Sodium Nitrate–Sodium Chloride Systems***see* Sodium Chloride–Sodium Nitrate Systems**Sodium Nitrate–Sodium Hydroxide Systems***see* Sodium Hydroxide–Sodium Nitrate Systems**Sodium Nitrate–Sodium Hydroxide–Water Systems***see* Sodium Hydroxide–Sodium Nitrate–Water Systems**Sodium Nitrate–Sodium Nitrite Systems****Sodium Nitrates****Sodium Nitrates (Liquid)****Sodium Nitrides****Sodium Nitrilotriacetates***see* Acetic Acid, Nitrilotri-, Sodium Salts**Sodium Nitrite–Potassium Nitrate Systems***see* Potassium Nitrate–Sodium Nitrite Systems**Sodium Nitrite–Sodium Nitrate Systems***see* Sodium Nitrate–Sodium Nitrite Systems**Sodium Nitrites**

xx Nitrites

Sodium–Nitrogen Systems*see* Nitrogen–Sodium Systems**Sodium Oxalates****Sodium Oxalatohafnates**

x Oxalatohafnates

xx Hafnates

Sodium Oxalatozirconates

x Oxalatozirconates

xx Zirconates

Sodium Oxide–Aluminum Oxide–Tantalum Oxide Systems*see* Aluminum Oxide–Sodium Oxide–Tantalum Oxide Systems**Sodium Oxide–Boron Oxide Systems***see* Boron Oxide–Sodium Oxide Systems**Sodium Oxide–Calcium Oxide–Silicon Oxide Systems***see* Calcium Oxide–Silicon Oxide–Sodium Oxide Systems**Sodium Oxide–Carbon Dioxide–Uranium Oxide–Water Systems***see* Carbon Dioxide–Sodium Oxide–Uranium Oxide–Water Systems**Sodium Oxide–Germanium Oxide Systems***see* Germanium Oxide–Sodium Oxide Systems**Sodium Oxide–Iron Oxide Systems***see* Iron Oxide–Sodium Oxide Systems**Sodium Oxide–Silicon Oxide–Strontium Oxide Systems***see* Silicon Oxide–Sodium Oxide–Strontium Oxide Systems**Sodium Oxide–Silicon Oxide Systems***see* Silicon Oxide–Sodium Oxide Systems**Sodium Oxide–Silicon Oxide–Zirconium Oxide Systems***see* Silicon Oxide–Sodium Oxide–Zirconium Oxide Systems**Sodium Oxide–Silver Oxide–Zirconium Oxide Systems***see* Silver Oxide–Sodium Oxide–Zirconium Oxide Systems**Sodium Oxide–Sodium Hydroxide Systems***see* Sodium Hydroxide–Sodium Oxide Systems**Sodium Oxide–Sodium Systems***see* Sodium–Sodium Oxide Systems**Sodium Oxide–Tantalum Oxide Systems****Sodium Oxide–Titanium Oxide Compacts****Sodium Oxide–Uranium(VI) Oxide–Water Systems****Sodium Oxide–Vanadium Oxide Systems****Sodium Oxides***see also* Sodium Superoxides**Sodium Oxycobaltate***see* Sodium Cobaltates(IV)**Sodium Oxyferrates***see* Sodium Ferrates(VI)**Sodium–Oxygen Systems***see* Oxygen–Sodium Systems**Sodium Perchlorate–Barium Perchlorate Systems***see* Barium Perchlorate–Sodium Perchlorate Systems**Sodium Perchlorates****Sodium Peroxides**

xx Oxides

Peroxides

Sodium Peroxyuranates

xx Peroxyuranates

Sodium Perrhenates

xx Perrhenates

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Sodium Uranyl Phosphates

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Sodium Phosphotungstates

x Phosphotungstates

Sodium Plumbates

x Plumbates

Sodium Plutonium Oxalates

xx Plutonium Oxalates

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xx Acetates

Plutonyl Acetates

Sodium–Polonium Alloys*see* Polonium–Sodium Alloys**Sodium Polyphosphates***see* Sodium Phosphates**Sodium–Potassium Alloy Fires***see* Potassium–Sodium Alloy Fires**Sodium–Potassium Alloys***see* Potassium–Sodium Alloys**Sodium–Potassium Alloys (Liquid)***see* Potassium–Sodium Alloys (Liquid)**Sodium Potassium Niobates***see* Potassium Sodium Niobates**Sodium Potassium Sulfates***see* Potassium Sodium Sulfates**Sodium Potassium Tantalates***see* Potassium Sodium Tantalates

Sodium Potassium Tartrates

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Sodium–Potassium–Uranium Alloys

see Potassium–Sodium–Uranium Alloys

Sodium–Potassium–Uranium Hydride Systems

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Sodium–Potassium–Uranium Oxide Systems

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Sodium Praseodymium Fluorides

xx Praseodymium Fluorides

Sodium Propionates

see Propionic Acid, Sodium Salts

Sodium Pyrophosphates

xx Pyrophosphates

Sodium Reactor Experiment

x SRE

xx Graphite Moderated Reactors

Liquid Metal Cooled Reactors

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Sodium Rhodizonates

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Sodium–Rubidium Alloys

see Rubidium–Sodium Alloys

Sodium Salicylates

x Salicylic Acid, Sodium Salts

Sodium Salts

see also Benzenearsonic Acid, Q-2(Hydroxy-3,6-Disulfonaphthylazo)-,

Acetic Acid, (Ethylenediamine)Tetra-, Sodium Salts

Acetic Acid, Fluoro-, Sodium Salts

Acetic Acid, Mercapto-, Sodium Salts

Acetic Acid, Trifluoro-, Sodium Salts

Butyric Acid, Fluoro-, Sodium Salts

Cresotic Acid, Sodium Salts

Crotonic Acid, Fluoro-, Sodium Salts

Enanthic Acid, Sodium Salts

Glucuronic Acid, Sodium Salts

Hyaluronic Acid, Sodium Salts

Indigo Carmine

Isobutyric Acid, Sodium Salts

Isocaproic Acid, Sodium Salts

Isovaleric Acid, Sodium Salts

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1,4-Naphthalenediol, 2-Methyl-Diphosphate, Sodium Salts

1,4-Naphthalenediol, 2-Methyl-, Sodium Salts

Phthalic Acid, Sodium Salts

Propionic Acid, Sodium Salts

Ribonucleic Acid, Desoxy-, Sodium Salts

Succinic Acid, Tetrafluoro-, Sodium Salts

Sodium Selenites

xx Selenites

Sodium Silicate Glass

xx Glass

Sodium Silicates

xx Silicates

Sodium–Sodium Bromide Systems

Sodium–Sodium Chloride Systems

Sodium–Sodium Fluoride Systems

Sodium–Sodium Halide Systems

Sodium–Sodium Iodide Systems

Sodium–Sodium Oxide Systems

Sodium Space

xx Body Fluids

Sodium Stannates

xx Stannates

Sodium–Strontium Alloys

Sodium Succinates

see Succinic Acid, Sodium Salts

Sodium Sulfate–Nickel Sulfate Systems

see Nickel Sulfate–Sodium Sulfate Systems

Sodium Sulfate–Rubidium Metaphosphate Systems

see Rubidium Metaphosphate–Sodium Sulfate Systems

Sodium Sulfate–Sodium Acid Carbonate–Sodium Carbonate Systems

see Sodium Acid Carbonate–Sodium Carbonate–Sodium Sulfate Systems

Sodium Sulfate–Sodium Bromide Systems

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Sodium Sulfate–Sodium Carbonate Systems

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Sodium Sulfate–Sodium Chloride Systems

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Sodium Sulfate–Sodium Hydroxide Systems

see Sodium Hydroxide–Sodium Sulfate Systems

Sodium Sulfate–Sodium Metaphosphate Systems

see Sodium Metaphosphate–Sodium Sulfate Systems

Sodium Sulfates

see also Potassium Sodium Sulfates

Sodium Acid Sulfates

Sodium Dodecyl Sulfates

Sodium Thiosulfates

Sodium Sulfide–Lead Sulfide Systems

see Lead Sulfide–Sodium Sulfide Systems

Sodium Sulfide–Potassium Sulfide–Uranium Sulfide Systems

see Potassium Sulfide–Sodium Sulfide–Uranium Sulfide Systems

Sodium Sulfides

Sodium Sulfitess

Sodium Superoxides

xx Sodium Oxides

Sodium Systems

Sodium Tantalates

see also Potassium Sodium Tantalates

x Sodium Metatantalates

xx Tantalates

Sodium Tartrate Crystals

see also Potassium Sodium Tartrate Crystals

Sodium Tartrates

see also Potassium Sodium Tartrates

xx Tartrates

Sodium Tetraborate–Carbonic Acid–Methanol Systems

see Carbonic Acid–Methanol–Sodium Tetraborate Systems

Sodium Tetraborates

see also Borax

xx Borates

Borax

Tetraborates

Sodium Tetramethoxyborates

xx Borates

Sodium–Thallium Alloys

Sodium Thiosulfates

xx Sodium Sulfates

Thiosulfates

Sodium Thorium Carbonates

xx Thorium Carbonates

Sodium Thorium Chlorides

xx Thorium Chlorides

Sodium Thorium Fluorides

xx Thorium Fluorides

Sodium–Tin Alloys

Sodium Titanates

xx Titanates

Sodium Titanium Chlorides

xx Titanium Chlorides

Sodium Trifluoroacetates

see Acetic Acid, Trifluoro-, Sodium Salts

Sodium Tungstate–Sodium Fluoride–Sodium Molybdate Systems

see Sodium Fluoride–Sodium Molybdate–Sodium Tungstate Systems

Sodium Tungstates

xx Tungstates

Sodium–Tungsten Bronze

Sodium–Tungsten Bronze Crystals

Sodium Uranates

see also Sodium Fluoruranates

x Sodium Diuranates

Sodium Peruranates

- xx Uranates
- Sodium–Uranium Alloy Slurries**
- Sodium Uranium(IV) Fluorides**
 - xx Uranium(IV) Fluorides
- Sodium Uranium(VI) Fluorides**
 - xx Uranium(VI) Fluorides
- Sodium Uranium Oxides**
 - xx Uranium Oxides
- Sodium Uranium Pyrophosphates**
 - xx Uranium Pyrophosphates
- Sodium Uranyl Acetates**
 - see also Acetate Separation Process*
 - xx Acetates
 - Uranyl Acetates
- Sodium Uranyl Arsenates**
 - xx Uranyl Arsenates
- Sodium Uranyl Carbonates**
 - xx Uranyl Carbonates
- Sodium Uranyl Phosphates**
 - xx Sodium Phosphates
 - Uranyl Phosphates
- Sodium Uranyl Selenites**
 - xx Uranyl Selenites
- Sodium Uranyl Vanadates**
 - xx Uranyl Vanadates
- Sodium Vanadates**
 - xx Vanadates
- Sodium Vapor Lamps**
 - x Electric Lamps
 - Lamps
 - Vapor Lamps
 - xx Light Sources
- Sodium–Water Systems**
- Sodium Ytterbium Oxides**
 - xx Ytterbium Oxides
- Sodium–Zinc Alloys**
- Sodium Zirconates**
 - xx Zirconates
- Sodium Zirconium Fluorides**
 - xx Zirconium Fluorides
- Sodium Zirconium Silicates**
 - xx Zirconium Silicates
- Soil Mechanics**
 - xx Mechanics
- Soils**
 - see also Soils*
 - Silts
 - x Dirt
 - xx Earth
 - Ground
- Solar Batteries**
 - see Solar Batteries*
 - xx Batteries
- Solar Flares**
- Solar Furnaces**
 - xx Furnaces
 - Solar Power
- Solar Power**
 - see also Solar Furnaces*
 - x Power
- Solar Radiation**
 - see Actinic Radiations*
- Soldering**
 - see also Brazing*
 - Solders
 - Welding
 - xx Bonding
 - Brazing
 - Solders
 - Welding
- Solders**
 - see also Soldering*

- xx Soldering
- Solenoids**
 - xx Magnet Coils
- Solid Moderator Reactor**
 - see Aircraft Reactor Critical Experiments*
 - Critical Assemblies
- Solid Propellants**
 - see also Fluid Propellants*
 - x Propellants
 - Rocket Fuels
 - xx Fuels
 - Jet Engine Fuels
- Solid Solutions**
 - see also Constitution Diagrams*
- Solid State Reactions**
 - x Reactions
 - xx Reaction Mechanisms
- Solids**
- Solubility**
 - see also Heat of Solution*
- Solutions**
 - xx Disperse Systems
 - Phase Studies
- Solvation**
- Solvent Extraction Processes**
 - see also Solvent Partition*
 - x Chelate Separation Processes
 - Ether Extraction Processes
 - Extraction Separations
 - Processes
 - Salting-out Agents
 - xx Chelates
 - Separation Processes
 - Solvent Partition
- Solvent Partition**
 - see also Solvent Extraction Processes*
 - x Ether Extraction Processes
 - Extraction Separations
 - xx Solvent Extraction Processes
- Solvents**
 - x Organic Solvents
- Solvolysis**
 - see also Hydrolysis*
- Sonar Equipment**
 - see also Sound Generators*
- Sonic Inspection**
 - see also Ultrasonics*
 - x Flaws
 - Inspection
 - Supersonic Inspection
 - Ultrasonic Inspection
 - xx Materials Testing
- Sonic Precipitators**
 - x Precipitators
- Sophorose**
- Sorbitol**
 - (D-Glucitol)
- Sorbose**
- Sorption**
 - see also Absorption*
 - Adsorption
 - xx Absorption
 - Adsorption
 - Desorption
- Sound**
 - x Acoustics
- Sound Generators**
 - xx Sonar Equipment
- Sounding Balloons**
 - see Balloons*
- Sounding Rockets**
 - see Rockets*

Sources

- see* *Alpha Sources*
- Beta Sources*
- Deuteron Sources*
- Electron Sources*
- Gamma Sources*
- Ion Sources*
- Light Sources*
- Neutron Sources*
- Nitrogen Ion Sources*
- Photoneutron Sources*
- Proton Sources*
- Radiation Sources*
- Thermal Radiation Sources*
- Triton Sources*
- Ultraviolet Sources*
- X-Ray Sources*

Southern California Edison Co. Reactor

- see* *Sodium Reactor Experiment*

Soybeans

- xx Beans

Space

Space Charge

- see* *Electric Arcs*

Space Flight

- see also* *Astronautics*

Space Medicine

- xx Medicine

Space Power Unit Reactor

- (*As* Research Mfg Co)
- x SPUR
- xx Power Reactors

Space Vehicles

- see also* *Rockets*
- Satellites*
- xx Vehicles

Spallation

- x Nuclear Spallation
- xx Fission
- Nuclear Reactions

Spallation Products

- see also* *Fission Products*
- x Nuclear Spallation
- xx Fission Products

Spanish Reactors (JEN-1)

- x JEN-1
- xx Research Reactors
- Swimming Pool Reactors
- Water Moderated Reactors

Spark Detectors

- x Detectors
- xx Radiation Detectors

Spark Shadowgraph Photography

- x Shadowgraph Photography
- xx Photography

Sparking

- see* *Dielectric Breakdown*
- Electric Arcs*
- Electric Discharge*
- Electric Insulators*

Special Hazards

- see* *Criticality Studies*
- Radiation Monitoring*

Special Power Excursion Reactor Tests (SPERT)

- see* *Reactor Safety Experiments*

Special Purpose Power Plant Reactor

- x SPPP Reactor
- xx Hydrogen Moderated Reactors
- Liquid Metal Cooled Reactors
- Power Reactors

Specific Gravity

- see* *Density*

Specific Heat

- see also* *Thermal Capacity*
- xx Heat

Spectra

- see also* *Absorption Spectra*
- Alpha Spectra*
- Beta Spectra*
- Cosmic-Ray Spectra*
- Emission Spectra*
- Gamma Spectra*
- Infrared Spectra*
- Light Spectra*
- Meson Spectra*
- Microwave Spectra*
- Neutron Spectra*
- Nuclear Spectra*
- Photon Spectra*
- Proton Spectra*
- Ultraviolet Spectra*
- X-Ray Spectra*

- xx Emission Spectra

Spectral Shift Control Reactor

- x Moderator Control Reactor
- SSCR
- xx Breeder Reactors
- Pressurized Water Reactors

Spectrogram Comparators

- see also* *Densitometers*
- x Comparators

Spectrometers

- see also* *Alpha Spectrometers*
- Beta Spectrometers*
- Cosmic-Ray Spectrometers*
- Gamma Spectrometers*
- Infrared Spectrometers*
- Mass Spectrometers*
- Microwave Spectrometers*
- Neutron Spectrometers*
- Proton Spectrometers*
- Quantometers*
- Radiofrequency Spectrometers*
- X-Ray Spectrometers*

- x Analyzers

- Meters
- xx Interferometers
- Light Spectra
- Quantometers

Spectrophotometers

- xx Light Spectra

Spectrophotometry

- see also* *Colorimetry*
- xx Analysis
- Colorimetry
- Light Spectra
- Photometry

Spectroscopy

- see also* *Beta Spectroscopy*
- Gamma Spectroscopy*
- Infrared Spectroscopy*
- Mass Spectrography*
- Microwave Spectroscopy*
- Neutron Spectroscopy*
- Nuclear Audiofrequency Spectroscopy*
- Ultraviolet Spectroscopy*
- X-Ray Spectroscopy*
- xx Analysis
- Light Spectra

Sperm**Spermatogenesis**

- see also* *Gonads*
- xx Gonads

SPERT (Special Power Excursion Reactor Tests)

see Reactor Safety Experiments

Sphalerites

Sphenes

Spheres

see also Reactor Fuel Spheres

- x Geometry
- xx Column Packing
- Mechanics

Spheroidal Nuclear Models

see Nuclear Models (Spheroidal)

Spheroids

Spiderwort

see Tradescantia

Spin

see Nuclear Spin

Spinal Cord

- xx Nervous System

Spinel

(*See also specific materials*)

Spinner Columns

- x Centrifugal Contactors
- Columns
- xx Extraction Apparatus

Spinning

Spleen

Splices

see Cables

Spodumenes

see also Lithium Aluminum Silicates

Sponges

Spontaneous Fission

- xx Fission

Spot Tests

see Colorimetry

Spray Columns

- x Columns
- xx Extraction Apparatus
- Scrubbers

Spraying

see Metal Spraying

Sprays

SPRF

see Sandia Pulsed Reactor

Springs

(*See also materials used for springs, for springs of water, see Ground Waters*)

SPUR

see Space Power Unit Reactor

Sputtering

Squalane

Squalene

Squash

see Magnetic Mirror Machines

Squawker-Blinker

see Rate Meters

Squid

Squirrels

SRE

see Sodium Reactor Experiment

SRS

see Submarine Reactors (S2C)

SSCR

see Spectral Shift Control Reactor

Stabilization

see also Passivation

- x Conditioning
- xx Passivation

Stable Isotopes

(*See also specific stable isotopes*)

- xx Isotopes
- Tracer Techniques

Stack Disposal

see also Meteorology

Radiation

Smoke Generators

Smokes

- x Disposal
- Gas Disposal
- Off-Gases
- xx Air
- Atmosphere
- Gas Flow
- Meteorology
- Radioactive Contamination
- Smoke Generators
- Waste Disposal

Staining

Stainless Steel

see also Chromium-Iron-Nickel Alloys

- xx Alloys
- Steel

Stainless Steel (Austenitic)

- x Austenitic Steel

Stainless Steel (Clad)

- x Cladding

Stainless Steel (Ferritic)

- x Ferritic Stainless Steel

Stainless Steel-Aluminum Alloy Couples

see Aluminum Alloy-Stainless Steel Couples

Stainless Steel-Aluminum Couples

see Aluminum-Stainless Steel Couples

Stainless Steel-Aluminum Oxide Compacts

see Aluminum Oxide-Stainless Steel Compacts

Stainless Steel-Beryllium Compacts

see Beryllium-Stainless Steel Compacts

Stainless Steel-Beryllium Couples

see Beryllium-Stainless Steel Couples

Stainless Steel-Biphenyl Systems

see Biphenyl-Stainless Steel Systems

Stainless Steel-Boron Carbide Systems

see Boron Carbide-Stainless Steel Systems

Stainless Steel-Boron Nitride Systems

see Boron Nitride-Stainless Steel Systems

Stainless Steel Coatings

see also Carbon Steel (Stainless Steel Clad)

Iron-Uranium(IV) Oxide Compacts (Stainless Steel Clad)

Stainless Steel-Uranium(IV) Oxide Compacts (Stainless Steel Clad)

Uranium (Stainless Steel Clad)

Uranium Oxides (Stainless Steel Clad)

- xx Coatings

Steel Coatings

Stainless Steel-Cobalt Alloy Couples

see Cobalt Alloy-Stainless Steel Couples

Stainless Steel Compacts

- xx Compacts
- Steel Compacts

Stainless Steel-Copper Couples

see Copper-Stainless Steel Couples

Stainless Steel-Copper-Nickel Alloy Couples

see Copper-Nickel Alloy-Stainless Steel Couples

Stainless Steel Couples

- x Steel Couples

Stainless Steel Electrodes

- xx Electrodes

Stainless Steel-Europium Oxide Systems

see Europium Oxide-Stainless Steel Systems

Stainless Steel-Gadolinium Oxide Systems

see Gadolinium Oxide-Stainless Steel Systems

Stainless Steel-Lead Couples

see Lead-Stainless Steel Couples

Stainless Steel-Magnesium Couples

see Magnesium-Stainless Steel Couples

Stainless Steel-Nickel Alloy Couples

see Nickel Alloy-Stainless Steel Couples

Stainless Steel Powders

- xx Powders
- Steel Powders

Stainless Steel—Samarium Oxide Systems

see *Samarium Oxide—Stainless Steel Systems*

Stainless Steel—Thorium Couples**Stainless Steel—Tin—Zirconium Alloy Couples****Stainless Steel—Tin—Zirconium Compacts****Stainless Steel—Titanium Carbide Systems****Stainless Steel—Titanium Couples****Stainless Steel—Titanium Hydride Compacts****Stainless Steel—Uranium Carbide Compacts****Stainless Steel—Uranium Couples****Stainless Steel—Uranium Nitride Systems****Stainless Steel—Uranium Oxide Compacts****Stainless Steel—Uranium(IV) Oxide Compacts****Stainless Steel—Uranium(IV) Oxide Compacts****(Stainless Steel Clad)**

- xx Stainless Steel Coatings

Stainless Steel—Uranium Oxide Systems**Stainless Steel—Uranium(IV) Oxide Systems****Stainless Steel—Uranium Oxide—Zirconium Boride Systems****Stainless Steel—Uranium—Zirconium Alloy Couples****Stainless Steel—Zirconium Boride Systems****Stainless Steel—Zirconium Couples****Stainless Steel—Zirconium Oxide Compacts****Stamping****Standard Electrodes**

see also *Hydrogen Electrodes*

Silver Chloride Electrodes

- x Reference Electrodes
- xx Electrodes

Standard Reactors

see *Sigma Piles*

Standards**Stanford Linear Accelerator**

- xx Linear Accelerators

Stannates

see also *Barium Stannates*

Calcium Stannates

Fluostannates

Lithium Stannates

Rare Earth Stannates

Sodium Stannates

Tin Compounds

Zinc Stannates

- xx Tin Compounds

Star Production

see *Photographic Film Detectors*

Starches**Stark Effect****Stars**

see also *Sun*

- xx Sun

Static Eliminators

see *Radioactive Static Eliminators*

Statistical Analysis

see *Statistics*

Statistical Mechanics

see *Mathematics*

Mechanics

Statistics

Statistics

see also *Biometry*

Mathematics

Particle Statistics

Sampling

Stochastic Methods

- x Costs
- Statistical Analysis

Statistical Mechanics

- xx Mathematics
- Monte Carlo Method
- Populations

Statitrons

see *Electrostatic Generators*

Steam

see also *Water Vapor*

- x Supercritical Water

- xx Water

Water Vapor

Steam-cooled Reactors

see *Water Cooled Reactors*

Steam Engineering

- x Engineering

Steam Engines

see *External Combustion Engines*

Steam Generators

see *Boilers*

Steam Power Plants

- xx Plants

Power Plants

Steam—Water Systems**Stearates**

see also *Barium Stearates*

Lead Stearates

Stearic Acid**Stearic Acid, β -Eteo-, Methyl Ester**

see *Eleostearic Acid, Methyl Ester*

Stearic Acid Films

- xx Films

Stearic Acid, Iodo-**Stearic Acid, Vinyl Ester Polymers**

- x Vinyl Stearate Polymers

- xx Polymers

Steatites

- x Soapstone

Steel

see also *Aluminum—Chromium—Molybdenum Steel*

Austenite

Boron Steel

Carbon Steel

Chromium—Manganese—Silicon Steel

Chromium—Manganese Steel

Chromium—Molybdenum—Nickel Steel

Chromium—Molybdenum Steel

Chromium—Nickel Steel

Chromium—Silicon Steel

Chromium Steel

Chromium—Vanadium Steel

Cobalt Steel

Europium Steel

Gadolinium Steel

Manganese—Molybdenum Steel

Manganese—Molybdenum—Vanadium Steel

Manganese Steel

Martensites

Molybdenum Steel

Molybdenum—Vanadium Steel

Nickel—Silicon Steel

Nickel Steel

Niobium Steel

Palladium Steel

Silicon Steel

Stainless Steel

Titanium Steel

Tungsten Steel

Uranium Steel

Vanadium Steel

- xx Alloys

Iron

Steel (Clad)

Steel Coatings

see also *Stainless Steel Coatings*

xx Coatings

Steel Compacts

see also *Stainless Steel Compacts*

xx Compacts

Steel-Copper-Nickel Alloy Couples

see *Copper-Nickel Alloy-Steel Couples*

Steel Couples

see *Stainless Steel Couples*

Steel-Lead Couples

see *Lead-Steel Couples*

Steel-Mercury Couples

see *Mercury-Steel Couples*

Steel Powders

see also *Stainless Steel Powders*

xx Powders

Steel-Water Systems**Steel Wool**

xx Wool

Stellarators

see also *Matterhorn Project*

Thermonuclear Reactors

xx Electric Arcs

Matterhorn Project

Thermonuclear Reactors

Stellarators (A)**Stellarators (A-1)****Stellarators (A-2)****Stellarators (A-3)****Stellarators (B)****Stellarators (B-1)****Stellarators (B-2)****Stellarators (B-3)****Stellarators (B-4)****Stellarators (B-64)****Stellarators (B-65)****Stellarators (B-66)****Stellarators (C)****Stellarators (D)****Stellite**

see *Cobalt Alloys*

Sterility**Sterilization**

see also *Radiosterilization*

x Pasteurization

Steroids

xx Hormones

Steroids, 17-Keto-

xx Hormones

Sterols

see also *Bile Acids*

Cholesterol

Estrogens

Gonadal Hormones

Testosterone

Vitamin D

xx Lipids

Stibines

see also *Antimony Hydrides*

Stilbamidine

see *4,4'-Stilbenedicarboxamide*

Stilbene

x Bibenzal

Bibenzylidene

Toluylene

Stilbene-Azobenzene Systems

see *Azobenzene-Stilbene Systems*

Stilbene Crystals

xx Crystals

4,4'-Stilbenedicarboxamide

x Stilbamidine

4,4'-Stilbenedicarboxamide Diisothionate**4,4'-Stilbenediol, α,α' -Diethyl-**

x Stilbestrol, Diethyl-

Stilbestrol, Diethyl-

see *4,4'-Stilbenediol, α,α' -Diethyl-*

Stills

see *Distillation Apparatus*

Stillwellites

xx Rare Earth Minerals

Stimascope**Stirring Apparatus**

see also *Mixing*

x Mixing Efficiency

xx Equipment and Procedures

Mixing

Stochastic Methods

see also *Mathematics*

Monte Carlo Method

xx Mathematics

Monte Carlo Method

Stomach

see also *Gastrointestinal Tract*

Storage Batteries

see also *Alkaline Batteries*

x Accumulators

Cells

xx Alkaline Batteries

Batteries

Storage Tubes

see *Memory Devices*

Storms

see *Auroral Storms*

Geomagnetic Storms

STPR

see *Shield Test Pool Reactor*

STR

see *Bulk Shielding Facility*

Submarine Thermal Reactor

Straight Tube Aircraft Reactor (STAR)

see *Aircraft Reactors*

Strain Gages

see also *Extensometers*

xx Extensometers

Gages

Strainers

see also *Filters*

xx Filters

Strange Particles

xx Elementary Particles

Stratigraphy**Stratosphere**

xx Atmosphere

Streaming Potential

x Potential

Streptomyces**Streptomycin**

xx Antibiotics

Stress Analysis

see also *Mechanics*

xx Analysis

Mechanics

Stress and Strain

see *Materials Testing*

Mechanics

Photoelasticity

Thermal Stresses

Stress Corrosion

xx Corrosion

Strong Focusing

see *Alternating-Gradient Focusing*

Strontium

see also *Alkaline Earth Metals*

Strontium Alloys**Strontium Aluminates**

xx Aluminates

Strontium-Aluminum Alloys*see Aluminum-Strontium Alloys***Strontium Antimonates**

xx Antimonates

Strontium Barium Oxides*see Barium Strontium Oxides***Strontium Beryllium Oxides***see Beryllium Strontium Oxides***Strontium-Bismuth Alloys***see Bismuth-Strontium Alloys***Strontium Borate-Strontium Oxide Systems****Strontium Borates****Strontium Borides****Strontium Bromides****Strontium-Calcium Alloys***see Calcium-Strontium Alloys***Strontium Calcium Titanates***see Calcium Strontium Titanates***Strontium Carbonate-Barium Carbonate-Rhenium Compacts***see Barium Carbonate-Rhenium-Strontium Carbonate Compacts***Strontium Carbonate Compacts**

xx Carbonate Compacts

Strontium Carbonate-Strontium Oxide Systems**Strontium Carbonates****Strontium Chloride-Barium Chloride Systems***see Barium Chloride-Strontium Chloride Systems***Strontium Chloride-Lithium Chloride Systems***see Lithium Chloride-Strontium Chloride Systems***Strontium Chloride-Plutonium Chloride Systems***see Plutonium Chloride-Strontium Chloride Systems***Strontium Chloride-Potassium Chloride-Potassium Nitrate-Strontium Nitrate Systems***see Potassium Chloride-Potassium Nitrate-Strontium Chloride-Strontium Nitrate Systems***Strontium Chloride-Rubidium Chloride Systems***see Rubidium Chloride-Strontium Chloride Systems***Strontium Chlorides****Strontium Chromates****Strontium Citrates**

xx Citrates

Strontium Complexes**Strontium Compounds****Strontium Diuranates***see Strontium Uranates***Strontium Films**

xx Films

Strontium Fluochlorates

xx Fluochlorates

Strontium Fluoride-Calcium Fluoride-Lithium Fluoride Systems*see Calcium Fluoride-Lithium Fluoride-Strontium Fluoride Systems***Strontium Fluoride Crystals**

xx Fluoride Crystals

Strontium Fluoride-Thorium Fluoride Systems**Strontium Fluorides****Strontium Fluoruthenates**

x Strontium Ruthenium Fluorides

xx Fluoruthenates

Strontium Germanates

xx Germanates

Strontium Hafnates

xx Hafnates

Strontium Hydrides**Strontium Hydroxide-Barium Hydroxide Systems***see Barium Hydroxide-Strontium Hydroxide Systems***Strontium Hydroxides****Strontium Hydroxides (Liquid)****Strontium Iodides****Strontium Ions****Strontium Isotopes****Strontium Isotopes Sr⁸⁰****Strontium Isotopes Sr⁸¹****Strontium Isotopes Sr⁸²****Strontium Isotopes Sr⁸³****Strontium Isotopes Sr⁸⁴****Strontium Isotopes Sr⁸⁵****Strontium Isotopes Sr⁸⁶****Strontium Isotopes Sr⁸⁷****Strontium Isotopes Sr⁸⁸****Strontium Isotopes Sr⁸⁹****Strontium Isotopes Sr⁹⁰***see also Sunshine Project*

xx Sunshine Project

Strontium Isotopes Sr⁹¹**Strontium Isotopes Sr⁹²****Strontium Isotopes Sr⁹³****Strontium Isotopes Sr⁹⁴****Strontium Isotopes Sr⁹⁵****Strontium Isotopes Sr⁹⁷****Strontium Lanthanum Manganates (IV)**

xx Lanthanum Manganates

Strontium-Lithium Alloys*see Lithium-Strontium Alloys***Strontium-Magnesium Alloys***see Magnesium-Strontium Alloys***Strontium Molybdates**

xx Molybdates

Strontium Nitrate-Potassium Chloride-Potassium Nitrate-Strontium Chloride Systems*see Potassium Chloride-Potassium Nitrate-Strontium Chloride-Strontium Nitrate Systems***Strontium Nitrate-Uranyl Nitrate Systems****Strontium Nitrates****Strontium Oxalates***see also Potassium Strontium Uranium Oxalates***Strontium Oxide-Aluminum Oxide-Barium Oxide Systems***see Aluminum Oxide-Barium Oxide-Strontium Oxide Systems***Strontium Oxide-Cerium Oxide Systems***see Cerium Oxide-Strontium Oxide Systems***Strontium Oxide Crystals**

xx Oxide Crystals

Strontium Oxide Glass**Strontium Oxide-Niobium Oxide Systems***see Niobium Oxide-Strontium Oxide Systems***Strontium Oxide-Silicon Oxide-Sodium Oxide Systems***see Silicon Oxide-Sodium Oxide-Strontium Oxide Systems***Strontium Oxide-Silicon Oxide Systems***see Silicon Oxide-Strontium Oxide Systems***Strontium Oxide-Strontium Borate Systems***see Strontium Borate-Strontium Oxide Systems***Strontium Oxide-Strontium Carbonate Systems***see Strontium Carbonate-Strontium Oxide Systems***Strontium Oxide-Uranium Oxide Systems****Strontium Oxide-Vanadium Oxide Systems****Strontium Oxide-Zirconium Oxide Systems****Strontium Oxides***see also Barium Strontium Oxides**Beryllium Strontium Oxides***Strontium Perchlorates****Strontium Phosphate-Calcium Phosphate Systems***see Calcium Phosphate-Strontium Phosphate Systems***Strontium Phosphate-Magnesium Phosphate Systems***see Magnesium Phosphate-Strontium Phosphate Systems***Strontium Phosphate-Zinc Phosphate Systems****Strontium Phosphates****Strontium-Polonium Alloys***see Polonium-Strontium Alloys***Strontium Potassium Uranium Oxalates***see Potassium Strontium Uranium Oxalates***Strontium Ruthenium Fluorides***see Strontium Fluoruthenates***Strontium Selenates**

xx Selenates

Strontium Selenides

xx Selenides
 Strontium–Sodium Alloys
see Sodium–Strontium Alloys
Strontium Sulfates
Strontium Sulfide Crystals
 xx Sulfide Crystals
Strontium Sulfides
Strontium Tantalates
 xx Tantalates
Strontium Tartrates
 xx Tartrates
Strontium Tartratonibates
 xx Tartratonibates
Strontium Tellurides
 xx Tellurides
 Strontium Titanate–Barium Titanate Systems
see Barium Titanate–Strontium Titanate Systems
Strontium Titanate Compacts
 xx Titanate Compacts
 Strontium Titanate–Lead Titanate Compacts
see Lead Titanate–Strontium Titanate Compacts
Strontium Titanates
see also Calcium Strontium Titanates
 xx Titanates
Strontium Tungstates
 xx Tungstates
 Strontium Uranate–Oxygen Systems
see Oxygen–Strontium Uranate Systems
Strontium Uranates
 x Strontium Diuranates
 xx Uranates
Strontium Uranyl Carbonates
 xx Uranyl Carbonates
Strontium–Zinc Alloys
Strontium Zirconates
 xx Zirconates
Structural Columns
 x Columns
Structural Engineering
 x Engineering
 Structural Materials
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Structural Panels
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- xx Polymers

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- xx Esters
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Thiophosphoryl Fluoride

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- xx Sulfates

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Thorium (Zr Clad)

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Titanium-Tantalum-Tungsten Alloys

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Titanium-Tantalum-Vanadium Alloys

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Toluene, Fluoro-

Toluene, p-Fluoro- α -Iodo-

Toluene, Iodo-

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Tributyl Phosphate Process (Canada)

(*For the US AEC tributyl phosphate process, which is not related, see TBP Process*)

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- x Canadian Tributyl Phosphate Process
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Triphenylamine

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2, 3, 5-Triphenyltetrazolium Chloride

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Trypan Blue**Trypsin****Tryptamine**

see Indole, 3-(2-Aminoethyl)-

Tryptophan

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TSM Reactor

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TTR-1

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TTR-2

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TTR-3

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Tuballoy

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(Generally thin-walled, small diameter, *see also* as subheading under specific reactors)

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Electron Tubes

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 Hafnium Tungstates
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Tungsten-Chromium-Cobalt-Molybdenum-Nickel-Niobium Alloys

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Tungsten-Chromium-Cobalt-Nickel Alloys

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Tungsten-Chromium-Cobalt-Nickel-Titanium Carbide Systems

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Tungsten-Chromium-Iron-Molybdenum Alloys

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Tungsten-Chromium-Iron-Nickel Alloys

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Tungsten-Chromium-Molybdenum Alloys

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Tungsten Couples

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Tungsten-Graphite Systems

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Tungsten-Iridium Alloys

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Tungsten-Molybdenum-Niobium-Titanium Alloys

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Tungsten-Molybdenum-Niobium-Titanium-Zirconium Alloys

see Molybdenum-Niobium-Titanium-Tungsten-Zirconium Alloys

Tungsten-Molybdenum-Niobium-Zirconium Alloys

see Molybdenum-Niobium-Tungsten-Zirconium Alloys

Tungsten-Molybdenum-Rhenium Alloys

see Molybdenum-Rhenium-Tungsten Alloys

Tungsten-Molybdenum-Tantalum Alloys*see Molybdenum-Tantalum-Tungsten Alloys***Tungsten-Nickel Alloys***see Nickel-Tungsten Alloys***Tungsten-Nickel-Palladium Alloys***see Nickel-Palladium-Tungsten Alloys***Tungsten-Nickel-Ruthenium Alloys***see Nickel-Ruthenium-Tungsten Alloys***Tungsten-Nickel-Silicon Systems***see Nickel-Silicon-Tungsten Systems***Tungsten-Niobium Alloys***see Niobium-Tungsten Alloys***Tungsten-Niobium-Rhenium Alloys***see Niobium-Rhenium-Tungsten Alloys***Tungsten-Niobium-Silicon Systems***see Niobium-Silicon-Tungsten Systems***Tungsten-Niobium-Tantalum Alloys***see Niobium-Tantalum-Tungsten Alloys***Tungsten-Niobium-Titanium Alloys***see Niobium-Titanium-Tungsten Alloys***Tungsten-Niobium-Titanium-Vanadium Alloys***see Niobium-Titanium-Tungsten-Vanadium Alloys***Tungsten-Niobium-Titanium-Zirconium Alloys***see Niobium-Titanium-Tungsten-Zirconium Alloys***Tungsten-Niobium-Vanadium Alloys***see Niobium-Tungsten-Vanadium Alloys***Tungsten-Niobium-Zirconium Alloys***see Niobium-Tungsten-Zirconium Alloys***Tungsten Nitrides****Tungsten Nitrosyl Fluorides**

xx Nitrosyl Fluorides

Tungsten Ores

xx Ores

Tungsten-Osmium Alloys*see Osmium-Tungsten Alloys***Tungsten Oxide-Beryllium Systems***see Beryllium-Tungsten Oxide Systems***Tungsten Oxide-Hydrofluoric Acid Systems***see Hydrofluoric Acid-Tungsten Oxide Systems***Tungsten Oxide-Niobium Oxide Systems***see Niobium Oxide-Tungsten Oxide Systems***Tungsten Oxide-Uranium Oxide Systems****Tungsten Oxides**

x Tungsten Dioxides

Tungsten Oxides (Gaseous)**Tungsten Oxyfluorides**

xx Oxyfluorides

Tungsten-Palladium Alloys*see Palladium-Tungsten Alloys***Tungsten-Platinum-Rhodium Alloys***see Platinum-Rhodium-Tungsten Alloys***Tungsten-Plutonium Alloys***see Plutonium-Tungsten Alloys***Tungsten Powders**

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Tungsten-Rhenium Alloys*see Rhenium-Tungsten Alloys***Tungsten-Rhenium Couples***see Rhenium-Tungsten Couples***Tungsten-Rhenium-Tantalum Alloys***see Rhenium-Tantalum-Tungsten Alloys***Tungsten-Rhenium-Vanadium Alloys***see Rhenium-Tungsten-Vanadium Alloys***Tungsten-Rhodium Alloys***see Rhodium-Tungsten Alloys***Tungsten-Ruthenium Alloys***see Ruthenium-Tungsten Alloys***Tungsten Silicide Coatings**

xx Silicide Coatings

Tungsten Silicide-Zirconium Boride Systems**Tungsten Silicides**

xx Silicides

Tungsten-Silicon Systems*see Silicon-Tungsten Systems***Tungsten-Sodium Bronze***see Sodium-Tungsten Bronze***Tungsten-Sodium Bronze Crystals***see Sodium-Tungsten Bronze Crystals***Tungsten Steel**

x Tool Steel

xx Steel

Tungsten Sulfides**Tungsten Systems****Tungsten-Tantalum Alloys***see Tantalum-Tungsten Alloys***Tungsten-Tantalum Carbide Systems***see Tantalum Carbide-Tungsten Systems***Tungsten-Tantalum Couples***see Tantalum-Tungsten Couples***Tungsten-Tantalum-Titanium Alloys***see Tantalum-Titanium-Tungsten Alloys***Tungsten-Tantalum-Uranium Alloys***see Tantalum-Tungsten-Uranium Alloys***Tungsten-Tantalum-Vanadium Alloys***see Tantalum-Tungsten-Vanadium Alloys***Tungsten-Tantalum-Zirconium Alloys***see Tantalum-Tungsten-Zirconium Alloys***Tungsten-Thorium Alloys***see Thorium-Tungsten Alloys***Tungsten-Thorium Oxide Systems***see Thorium Oxide-Tungsten Systems***Tungsten-Thorium-Uranium Alloys***see Thorium-Tungsten-Uranium Alloys***Tungsten-Titanium Alloys***see Titanium-Tungsten Alloys***Tungsten-Titanium Carbide Systems***see Titanium Carbide-Tungsten Systems***Tungsten-Titanium-Vanadium Alloys***see Titanium-Tungsten-Vanadium Alloys***Tungsten-Uranium Alloys****Tungsten-Uranium Nitride Systems****Tungsten-Uranium Oxide Systems****Tungsten-Vanadium Alloys****Tungsten-Yttrium Alloys****Tungsten-Zirconium Alloys****Tungsten-Zirconium Bronze****Tungsten-Zirconium Oxide Systems****Tungsten-Zirconyl Bronze****Tungstic Acid**

xx Acids

Tuning Circuits*see Radio Tuning Circuits***Tuning Devices***see Antenna Tuning Devices***Turbidimeters***see Nephelometers***Turbidimetric Analysis***see Nephelometry***Turbine Blades**

x Blades

Gas Turbine Blades

Turbine Nozzles

xx Nozzles

Turbine Pumps*see Centrifugal Pumps***Turbines***see also Blowers*

Compressors

Gas Turbine Engines

Torpedo Turbines

Turbojet Engines

Turbo-prop Engines

x Engines

xx External Combustion Engines

Turbojet Engines

- x Engines
 - Jet Engines
- xx Aircraft Engines
 - Turbines

Turboprop Engines

- x Engines
 - Aircraft Engines
- xx Turbines

Turbulent Flow

- see* Fluid Flow (Turbulent)
- Gas Flow (Turbulent)

Turmeric**Turpentine****Turret Reactor**

- see* Los Alamos Turret Reactor

Turtles**Tween 20**

- x Lauric Acid, Polyoxyethylene Sorbityl Ester

25 Process

- (Recovery and decontamination of U^{235} , by solvent extraction and conversion to UNH, from depleted fuel elements from various reactors. Covering work at ORNL and the Reactor Test Station, Arco)

- x CPP
- xx Arco Chemical Plant
 - Separation Processes

23 Process

- (Recovery and decontamination of U^{233} from neutron-bombarded thorium by solvent extraction, applicable to the Materials Testing Reactor and others)

- x Processes
- xx Separation Processes

Tyndallmeters

- see* Nephelometers

Tyrosine

- x Alanine, β -(*p*-Hydroxyphenyl)-

Tyrosine, 3,5-Diiodo-

- x Iodogorgoic Acid

Tyrosine, Iodo-**Tyuyamunites****U****UAP (Uranyl Ammonium Phosphates)**

- see* Ammonium Uranyl Phosphates

UAP Process

- (Recovery of uranium from Hanford metal waste by precipitation of uranyl ammonium phosphate, and conversion to UF_6)

- xx Separation Processes

UHTREX

- see* Los Alamos Turret Reactor

Ulcers**Ultra High Temperature Reactor Experiment**

- see* Los Alamos Turret Reactor

Ultracentrifugation

- see* Centrifugation

Ultrasonic Inspection

- see* Sonic Inspection

Ultrasonics

- xx Sonic Inspection

Ultraviolet Radiation

- xx Electromagnetic Waves
 - Light
 - Radiation

Ultraviolet Sources

- x Sources

Ultraviolet Spectra

- xx Spectra

Ultraviolet Spectroscopy

- see also* Phosphorimeters
- xx Spectroscopy

Umohoites

- xx Uranium Minerals

Uncertainty Principle**Undecane**

- see* Hendecane

Underground Explosions

- see also* Cowboy Project
- Jangle U Burst
- Rainier Burst

- xx Explosions

Underground Structures

- xx Structures

Underwater Explosions

- see also* Atomic Explosions

Underwater Propulsion

- x Hydroductors

Underwater Warfare

- see also* Submarines

- xx Warfare

UNH (Uranyl Nitrate Hexahydrate)

- see* Uranyl Nitrates

UNH Conversion Process

- (Conversion of UNH to UO_2)

- x Processes

UPR

- see* Uranium Production Reactor

Upshot-Knothole Operation

- x Knothole Operation
 - Operations

Uracil

- see also* 6-Azauracil

- x 2,4(1,3)-Pyrimidinedione

Uracil, 1,3-Dimethyl-**Uracil, 5-Methyl-**

- see* Thymine

Uracil, Methylthio-**Uracil, 5-Nitro-****Uracil, 6-Propyl-2-Thio-****Uracil, 2-Thio-**

- x Thiouracil

Uramildiacetic Acid

- x Complexone (II)

Uramphites**Uranate Slurries**

- see also* Magnesium Uranate Slurries

- xx Slurries

Uranates

- see also* Alkaline Earth Uranates

- Ammonium Uranates
- Barium Uranates
- Bromouranates
- Cadmium Uranates
- Calcium Uranates
- Cesium Uranates
- Chlorouranates
- Cobalt Uranates
- Fluouranates
- Lead Uranates
- Lithium Uranates
- Magnesium Uranates
- Manganese Uranates
- Molybdenum Uranates
- Peroxyuranates
- Potassium Uranates
- Rubidium Uranates
- Sodium Uranates
- Strontium Uranates
- Yttrium Uranates
- Zinc Uranates
- Zirconium Uranates

Uranic Acid

- xx Acids

Uraninites

see also Gummites
Pitchblendes

xx Pitchblendes

Uranites

see also Autunites
Barium Uranites
Torbernites
Uranyl Phosphates

Uranium

see also Actinides

x Tuballoy

xx Actinides

Uranium (Al Clad)

xx Aluminum Coatings

Uranium (Be Clad)

xx Beryllium Coatings

Uranium (Clad)**Uranium (Cr Clad)**

xx Chromium Coatings

Uranium (Liquid)**Uranium (Mo Clad)**

xx Molybdenum Coatings

Uranium (Ni Clad)

xx Nickel Coatings

Uranium (Si Clad)

xx Silicon Coatings

Uranium (Stainless Steel Clad)

xx Stainless Steel Coatings

Uranium (Zr Alloy Clad)

xx Zirconium Alloy Coatings

Uranium (Zr Clad)

xx Zirconium Cladding

Uranium Acetylacetonates

xx Acetylacetonates

Uranium Acid Phosphates

x Acid Phosphates

Uranium Alcoholates

xx Alcoholates

Uranium Alloy Compacts**Uranium Alloys****Uranium Alloys (Liquid)****Uranium-Aluminum Alloy Couples**

see Aluminum Alloy-Uranium Couples

Uranium-Aluminum Alloys

see Aluminum-Uranium Alloys

Uranium-Aluminum Alloys (Al Clad)

see Aluminum-Uranium Alloys (Al Clad)

Uranium-Aluminum Alloys (Clad)

see Aluminum-Uranium Alloys (Clad)

Uranium-Aluminum-Aluminum Chloride-Potassium Chloride-Uranium Chloride Systems

see Aluminum-Aluminum Chloride-Potassium Chloride-Uranium-Uranium Chloride Systems

Uranium-Aluminum-Beryllium Alloys

see Aluminum-Beryllium-Uranium Alloys

Uranium-Aluminum-Bismuth Alloys

see Aluminum-Bismuth-Uranium Alloys

Uranium-Aluminum-Boron Systems

see Aluminum-Boron-Uranium Systems

Uranium-Aluminum-Carbon Systems

see Aluminum-Carbon-Uranium Systems

Uranium-Aluminum Compacts

see Aluminum-Uranium Compacts

Uranium-Aluminum Couples

see Aluminum-Uranium Couples

Uranium-Aluminum-Iron Alloys

see Aluminum-Iron-Uranium Alloys

Uranium-Aluminum-Iron-Molybdenum Alloys

see Aluminum-Iron-Molybdenum-Uranium Alloys

Uranium-Aluminum-Lithium Alloys

see Aluminum-Lithium-Uranium Alloys

Uranium-Aluminum-Magnesium Alloys

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Uranium-Aluminum-Nickel Alloys

see Aluminum-Nickel-Uranium Alloys

Uranium-Aluminum-Nickel Alloys (Clad)

see Aluminum-Nickel-Uranium Alloys (Clad)

Uranium-Aluminum-Nickel Couples

see Aluminum-Nickel-Uranium Couples

Uranium-Aluminum-Oxygen Systems

see Aluminum-Oxygen-Uranium Systems

Uranium-Aluminum-Silicon System Couples

see Aluminum-Silicon System-Uranium Couples

Uranium-Aluminum-Silicon Systems

see Aluminum-Silicon-Uranium Systems

Uranium-Aluminum-Silicon-Tin Systems

see Aluminum-Silicon-Tin-Uranium Systems

Uranium-Aluminum-Thorium Alloys

see Aluminum-Thorium-Uranium Alloys

Uranium-Aluminum-Titanium-Vanadium Alloys

see Aluminum-Titanium-Uranium-Vanadium Alloys

Uranium-Aluminum-Zirconium Alloys

see Aluminum-Uranium-Zirconium Alloys

Uranium Ammonium Chlorides, Bis(Alkyl-

see Ammonium Uranium Chlorides, Bis(Alkyl-

Uranium Ammonium Fluorides

see Ammonium Uranium Fluorides

Uranium-Antimony Alloys

see Antimony-Uranium Alloys

Uranium Arsenates

see also Bismuth Uranium Arsenates

xx Arsenates

Uranium(IV) Arsenates**Uranium Arsenides**

xx Arsenides

Uranium Barium Oxalates

see Barium Uranium Oxalates

Uranium-Beryllium Alloys

see Beryllium-Uranium Alloys

Uranium-Beryllium Alloys (Clad)

see Beryllium-Uranium Alloys (Clad)

Uranium-Beryllium Carbide-Beryllium Oxide Systems

see Beryllium Carbide-Beryllium Oxide-Uranium Systems

Uranium-Beryllium Carbide Compacts

see Beryllium Carbide-Uranium Compacts

Uranium-Beryllium Carbide-Graphite Systems

see Beryllium Carbide-Graphite-Uranium Systems

Uranium-Beryllium-Carbon Systems

see Beryllium-Carbon-Uranium Systems

Uranium-Beryllium Compacts

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Uranium-Beryllium-Iron Alloys

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Uranium-Beryllium-Molybdenum Alloys

see Beryllium-Molybdenum-Uranium Alloys

Uranium-Beryllium-Niobium Alloys

see Beryllium-Niobium-Uranium Alloys

Uranium-Beryllium Oxide Systems

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Uranium-Beryllium-Thorium Alloys

see Beryllium-Thorium-Uranium Alloys

Uranium-Beryllium-Zirconium Alloys

see Beryllium-Uranium-Zirconium Alloys

Uranium-Bismuth Alloy Slurries

see Bismuth-Uranium Alloy Slurries

Uranium-Bismuth Alloys

see Bismuth-Uranium Alloys

Uranium Bismuth Arsenates

see Bismuth Uranium Arsenates

Uranium-Bismuth-Lead Alloys

see Bismuth-Lead-Uranium Alloys

Uranium-Bismuth-Lead-Tin Alloys

see Bismuth-Lead-Tin-Uranium Alloys

Uranium-Bismuth-Magnesium Alloys

see Bismuth-Magnesium-Uranium Alloys
 Uranium-Bismuth-Neodymium Alloys
see Bismuth-Neodymium-Uranium Alloys
 Uranium-Bismuth-Praseodymium Alloys
see Bismuth-Praseodymium-Uranium Alloys
 Uranium-Bismuth-Sodium Alloys
see Bismuth-Sodium-Uranium Alloys
 Uranium-Bismuth-Thorium Alloys
see Bismuth-Thorium-Uranium Alloys
 Uranium-Bismuth-Tin Alloys
see Bismuth-Tin-Uranium Alloys
 Uranium-Bismuth-Zirconium Alloys
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Uranium Borides
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Uranium Borohydrides
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Uranium(IV) Borohydrides
 Uranium-Boron Systems
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 Uranium-Boron-Thorium Systems
see Boron-Thorium-Uranium Systems
 Uranium-Boron-Zirconium Systems
see Boron-Uranium-Zirconium Systems
 Uranium Bromide-Uranium Systems
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Uranium Bromides
Uranium(III) Bromides
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 Uranium-Cadmium Alloys
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 Uranium-Calcium Alloys
see Calcium-Uranium Alloys
 Uranium Calcium Fluorides
see Calcium Uranium Fluorides
 Uranium Calcium Oxalates
see Calcium Uranium Oxalates
 Uranium-Calcium Oxide Systems
see Calcium Oxide-Uranium Systems
 Uranium Carbide-Aluminum Compacts
see Aluminum-Uranium Carbide Compacts
 Uranium Carbide-Beryllium Carbide-Carbon Systems
see Beryllium Carbide-Carbon-Uranium Carbide Systems
 Uranium Carbide-Beryllium Carbide Compacts
see Beryllium Carbide-Uranium Carbide Compacts
 Uranium Carbide-Beryllium Carbide-Graphite Systems
see Beryllium Carbide-Graphite-Uranium Carbide Systems
 Uranium Carbide-Beryllium Carbide Systems
see Beryllium Carbide-Uranium Carbide Systems
 Uranium Carbide-Chromium Carbide Systems
see Chromium Carbide-Uranium Carbide Systems
 Uranium Carbide-Chromium-Iron-Nickel Systems
see Chromium-Iron-Nickel-Uranium Carbide Systems
Uranium Carbide Compacts
 xx Carbide Compacts
Uranium Carbide Crucibles
 xx Carbide Crucibles
 Uranium Carbide-Graphite Systems
see Graphite-Uranium Carbide Systems
 Uranium Carbide-Graphite-Thorium Carbide Systems
see Graphite-Thorium Carbide-Uranium Carbide Systems
 Uranium Carbide-Hafnium Carbide Systems
see Hafnium Carbide-Uranium Carbide Systems
 Uranium Carbide-Molybdenum Carbide Systems
see Molybdenum Carbide-Uranium Carbide Systems
 Uranium Carbide-Molybdenum Carbide-Thorium Carbide Systems
see Molybdenum Carbide-Thorium Carbide-Uranium Carbide Systems
 Uranium Carbide-Molybdenum Systems
see Molybdenum-Uranium Carbide Systems
 Uranium Carbide-Molybdenum-Uranium Systems
see Molybdenum-Uranium-Uranium Carbide Systems

Uranium Carbide-Niobium Carbide Systems
see Niobium Carbide-Uranium Carbide Systems
 Uranium Carbide-Niobium Carbide-Thorium Carbide Systems
see Niobium Carbide-Thorium Carbide-Uranium Carbide Systems
 Uranium Carbide-Niobium Compacts
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 Uranium Carbide-Plutonium Carbide Systems
see Plutonium Carbide-Uranium Carbide Systems
 Uranium Carbide-Silicon Carbide-Thorium Carbide Systems
see Silicon Carbide-Thorium Carbide-Uranium Carbide Systems
 Uranium Carbide-Silicon-Silicon Carbide Systems
see Silicon-Silicon Carbide-Uranium Carbide Systems
Uranium Carbide Slurries
 xx Carbide Slurries
 Uranium Carbide-Stainless Steel Compacts
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 Uranium Carbide-Thorium Carbide Systems
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 Uranium Carbide-Tin-Zirconium Systems
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see Titanium Carbide-Uranium Carbide Systems
 Uranium Carbide-Titanium Systems
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 Uranium Carbide-Tungsten Carbide Systems
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Uranium Carbide-Uranium Nitride Systems
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Uranium Carbide-Vanadium Carbide Systems
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Uranium Carbides
 Uranium-Carbon-Chromium Systems
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 Uranium-Carbon-Cobalt Systems
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 Uranium-Carbon-Copper Systems
see Carbon-Copper-Uranium Systems
 Uranium-Carbon-Iron Systems
see Carbon-Iron-Uranium Systems
 Uranium-Carbon-Nickel Systems
see Carbon-Nickel-Uranium Systems
 Uranium-Carbon-Nitrogen Systems
see Carbon-Nitrogen-Uranium Systems
 Uranium-Carbon-Oxygen Systems
see Carbon-Oxygen-Uranium Systems
 Uranium-Carbon-Plutonium Systems
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 Uranium-Carbon-Silicon Systems
see Carbon-Silicon-Uranium Systems
 Uranium-Carbon Systems
see Carbon-Uranium Systems
 Uranium-Carbon-Tantalum Systems
see Carbon-Tantalum-Uranium Systems
 Uranium-Carbon-Thorium Systems
see Carbon-Thorium-Uranium Systems
 Uranium-Carbon-Tin Systems
see Carbon-Tin-Uranium Systems
 Uranium-Carbon-Titanium Systems
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 Uranium-Carbon-Zirconium Systems
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Uranium Carbonates
Uranium Carbonyls
 xx Carbonyls
 Uranium-Cerium Alloys
see Cerium-Uranium Alloys

Uranium Cerium Oxides

see Cerium Uranium Oxides

Uranium Cesium Chlorides

see Cesium Uranium Chlorides

Uranium Cesium Fluorides

see Cesium Uranium Fluorides

Uranium Chelates

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Uranium Chlorates

Uranium Chloride–Aluminum–Aluminum Chloride–Potassium Chloride–Uranium Systems

see Aluminum–Aluminum Chloride–Potassium Chloride–Uranium–Uranium Chloride Systems

Uranium(III) Chloride–Barium Chloride–Potassium Chloride Systems

see Barium Chloride–Potassium Chloride–Uranium(III) Chloride Systems

Uranium Chloride–Calcium Chloride Systems

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Uranium Chloride Complexes

xx Chloride Complexes

Uranium(IV) Chloride Complexes

Uranium(III) Chloride–Lithium Chloride–Potassium Chloride Systems

see Lithium Chloride–Potassium Chloride–Uranium(III) Chloride Systems

Uranium(IV) Chloride–Lithium Chloride–Potassium Chloride Systems

see Lithium Chloride–Potassium Chloride–Uranium(IV) Chloride Systems

Uranium Chloride–Lithium Chloride Systems

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Uranium(III) Chloride–Sodium Chloride Systems

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Uranium(IV) Chloride–Sodium Chloride Systems

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Uranium(III) Chloride–Uranium(IV) Chloride Systems

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Uranium Chlorides

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Uranium(III) Chlorides**Uranium(IV) Chlorides****Uranium(V) Chlorides****Uranium(VI) Chlorides****Uranium Chromites**

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Uranium–Chromium Alloys

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Uranium–Chromium Alloys (Clad)

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Uranium–Chromium–Cobalt Alloys

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Uranium–Chromium Compacts

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Uranium–Chromium Crystals

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Uranium–Chromium–Iron Alloys

see Chromium–Iron–Uranium Alloys

Uranium–Chromium–Iron–Nickel Alloys

see Chromium–Iron–Nickel–Uranium Alloys

Uranium–Chromium–Manganese Alloys

see Chromium–Manganese–Uranium Alloys

Uranium–Chromium–Molybdenum Alloys

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Uranium–Chromium–Nickel Alloys

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Uranium–Chromium–Silicon Systems

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Uranium–Chromium–Vanadium Alloys

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Uranium Coatings

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Uranium–Cobalt Alloys

see Cobalt–Uranium Alloys

Uranium–Cobalt–Nickel Alloys

see Cobalt–Nickel–Uranium Alloys

Uranium–Cobalt–Plutonium Alloys

see Cobalt–Plutonium–Uranium Alloys

Uranium–Cobalt–Silicon Systems

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Uranium Compacts

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xx Compacts

Uranium Powders

Uranium Complexes

x Uranyl Complexes

Uranium Compounds

x Compounds

Uranium Concentrates

xx Uranium Ores

Uranium–Copper Alloys

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Uranium–Copper Couples

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Uranium Copper Oxides

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Uranium–Copper–Plutonium Alloys

see Copper–Plutonium–Uranium Alloys

Uranium–Copper–Zirconium Alloys

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Uranium Crystals**Uranium Deuterides**

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Uranium Hydrides

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Uranium Electrodes

xx Electrodes

Uranium Ethoxides

xx Oxides

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xx Oxybromides

Vanadium Oxychlorides

x Vanadyl Chlorides

xx Oxychlorides

Vanadium Chlorides

Vanadium Oxyfluorides

x Vanadyl Fluorides

xx Oxyfluorides

Vanadium Fluorides

Vanadium–Oxygen Systems*see Oxygen–Vanadium Systems***Vanadium–Oxygen–Titanium Systems***see Oxygen–Titanium–Vanadium Systems***Vanadium Oxysulfates**

x Vanadyl Sulfates

xx Vanadium Sulfates

Vanadium-Palladium Alloys

see *Palladium-Vanadium Alloys*

Vanadium Phosphates**Vanadium Phosphides**

xx Phosphides

Vanadium-Platinum Alloys

see *Platinum-Vanadium Alloys*

Vanadium-Plutonium Alloys

see *Plutonium-Vanadium Alloys*

Vanadium Powders

xx Powders

Vanadium Reserves

xx Mineral Resources

Vanadium-Rhenium Alloys

see *Rhenium-Vanadium Alloys*

Vanadium-Rhenium-Tungsten Alloys

see *Rhenium-Tungsten-Vanadium Alloys*

Vanadium-Rhodium Alloys

see *Rhodium-Vanadium Alloys*

Vanadium-Ruthenium Alloys

see *Ruthenium-Vanadium Alloys*

Vanadium-Selenium Systems

see *Selenium-Vanadium Systems*

Vanadium Silicide-Nickel-Silver Systems

see *Nickel-Silver-Vanadium Silicide Systems*

Vanadium Silicide-Tantalum Silicide Systems

see *Tantalum Silicide-Vanadium Silicide Systems*

Vanadium Silicides

xx Silicides

Vanadium-Silicon Systems

see *Silicon-Vanadium Systems*

Vanadium-Silicon-Titanium Systems

see *Silicon-Titanium-Vanadium Systems*

Vanadium-Silicon-Uranium Systems

see *Silicon-Uranium-Vanadium Systems*

Vanadium Steel

xx Steel

Vanadium Sulfates

see also *Ammonium Vanadium Sulfates*

Cesium Vanadium Sulfates

Vanadium Oxsulfates

Vanadium Sulfides**Vanadium Systems**

Vanadium-Tantalum Alloys

see *Tantalum-Vanadium Alloys*

Vanadium-Tantalum-Titanium Alloys

see *Tantalum-Titanium-Vanadium Alloys*

Vanadium-Tantalum-Tungsten Alloys

see *Tantalum-Tungsten-Vanadium Alloys*

Vanadium-Tellurium Systems

see *Tellurium-Vanadium Systems*

Vanadium-Thorium Alloys

see *Thorium-Vanadium Alloys*

Vanadium-Tin Alloys

see *Tin-Vanadium Alloys*

Vanadium-Tin-Zirconium Alloys

see *Tin-Vanadium-Zirconium Alloys*

Vanadium-Titanium Alloys

see *Titanium-Vanadium Alloys*

Vanadium-Titanium-Tungsten Alloys

see *Titanium-Tungsten-Vanadium Alloys*

Vanadium-Titanium-Uranium Alloys

see *Titanium-Uranium-Vanadium Alloys*

Vanadium-Titanium-Zirconium Alloys

see *Titanium-Vanadium-Zirconium Alloys*

Vanadium-Tungsten Alloys

see *Tungsten-Vanadium Alloys*

Vanadium-Uranium Alloys

see *Uranium-Vanadium Alloys*

Vanadium-Uranium Carbide Systems

see *Uranium Carbide-Vanadium Systems*

Vanadium-Uranium Compacts

see *Uranium-Vanadium Compacts*

Vanadium-Uranium Nitride Systems

see *Uranium Nitride-Vanadium Systems*

Vanadium-Uranium Silicide Systems

see *Uranium Silicide-Vanadium Systems*

Vanadium-Uranium-Zirconium Alloys

see *Uranium-Vanadium-Zirconium Alloys*

Vanadium-Yttrium Alloys**Vanadium-Zirconium Alloys**

Vanadyl Chlorides

see *Vanadium Oxychlorides*

Vanadyl Fluorides

see *Vanadium Oxyfluorides*

Vanadyl Ions

xx Vanadium Ions

Vanadyl Sulfates

see *Vanadium Oxsulfates*

Vandendriesscheites

xx Uranium Minerals

Vanillic Acid

Vapor Lamps

see *Sodium Vapor Lamps*

Vapor Pressure

xx Pressure

Vapor-Slurry Reactors

see *Fluid Fuel Reactors*

Vapor Valves

see *Vacuum Valves*

Valves

Vaporization

see also *Evaporation*

Heat of Vaporization

x Volatilization

xx Evaporation

Vapors

see *Gases*

Water Vapor

Variable Moderator Reactor

x VMR

xx Boiling Reactors

Variscites

xx Aluminum Phosphates

Vasoconstrictor Drugs

xx Drugs

VBWR

see *Vallecitos Boiling Water Reactor*

Vegetation

see *Plants*

Vehicles

see also *Space Vehicles*

x Automobiles

Motor Vehicles

Trucks

Veins

see *Blood Vessels*

Vela Project

see also *Cowboy Project*

x Dribble Project

Lollipop Project

Velocitrons

see *Mass Spectrometers*

Velocity**Ventilation**

see also *Exhaust Systems*

Laboratories

xx Air

Exhaust Systems

Vermiculites

Versene

see *Acetic Acid, (Ethylenediamine)Tetra-, Sodium Salts*

Versene Acid

see Acetic Acid, (Ethylenediamine)Tetra-

Vertex Tubes

see Hilsch Tubes

Vespidae

- x Hornets
- Wasps

VESR

see Vallecitos Superheat Reactor

Vessels

(This heading is reserved for containers of various kinds.)

see also Blood Vessels

Dissolvers

Naval Vessels

Pressure Vessels

Tanks

Vacuum Vessels

- x Containers
- xx Pressure Vessels
- Reactors
- Tanks

Vibrating Conveyers

see Conveyers

Vibrating Reed Electrometers

Vibration Testing

Vibrations

Vicine

see also Divicine

Vinyl Alcohol Polymers

- x PVA (Polyvinyl Alcohol)
- xx Polymers

Vinyl Bromide

see Ethylene, Bromo-

Vinyl Chloride

see Ethylene, Chloro-

Vinyl Compounds

(See also specific compounds.)

Vinyl Fluoride

see Ethylene, Fluoro-

Vinyl Iodide

see Ethylene, Iodo-

Violanthrene

Violuric Acid, Diphenylthio-

Virginium

see Francium

Virial Coefficients

- x Second Virial Coefficients
- xx Constants and Conversion Factors

Virial Theorem

Viruses

see also Bacteriophages
Influenza Virus

Viscera

see also Thoracic Viscera

Viscometers

- x Meters
- Viscosimeters

Viscosimeters

see Viscometers

Viscosity

Viscosity Bridge Analyzers

(Mechanical analogs of the Wheatstone bridge used for the analysis of gaseous mixtures.)

- x Analyzers

Viscous Flow

see Fluid Flow (Laminar)

Vision

see also Eyes

Phosphenes

- x Sight
- xx Eyes

Vistanex

see Plastics

Visual Purple

Vitamin A

see also Carotene

Vitamin B

see also Nicotinic Acid

- x Thiamine

Vitamin B₁

- x Thiamine

Vitamin B₂

- x Riboflavin

Vitamin B₆

see Pyridoxine

Vitamin B₁₂

Vitamin B₁₂

see also Folic Acid

Vitamin B₁₂

see also Carnitine Hydrochloride

- xx Carnitine Hydrochloride

Vitamin C

(L-Ascorbic acid)

see also Ascorbic Acid

- xx Ascorbic Acid

Vitamin D

- xx Sterols

Vitamin D₂

- x Calciferol

Vitamin E

see also Tocopherols

- xx Tocopherols

Vitamin H

see Biotins

Vitamin K

Vitamin P

see also Hesperidin

- xx Hesperidin

Vitamin PP

see Nicotinamides

Vitamins

(For instances of known chemical nature *see also* as organic compounds.)

Vitreous Enamels

see Porcelain Enamels

Vitreous Materials

see also Glass

VMR

see Variable Moderator Reactor

Voids

see Reactor Shield Voids

Volatility Separation Processes

see also Fluoride Volatility Processes

- xx Separation Processes

Volatilization

see Evaporation

Vaporization

Volcanic Power

- x Power

Volcanoes

Voltage Breakdown

see Dielectric Breakdown

Voltage Doubler

see Cockcroft-Walton Accelerators

Voltage Regulators

see also Power Supplies

- x Regulators
- xx Current Regulators
- Power Supplies

Voltaic Cells

see Dry Batteries

Primary Cells

Voltmeters

see Coulometers

Voltammetry

- xx Analysis

Voltmeters

- x Electron Voltmeters
Meters
- xx Electric Meters
Instruments

Volumetric Analysis

- see also Gasometric Analysis*
- xx Analysis

Vortex Tubes

- see Hilsch Tubes*

VSR

- see Vallecitos Superheat Reactor*

W**W-105 Reactors**

- see Hanford Production Reactors*

W-305 Reactor

- see Hanford Test Reactor*

Wagner Rearrangement

- see Molecular Rearrangements*

Walkie-Poppy

- see Rate Meters*

Walkie-Talkie

- see Rate Meters*

Warfare

- see also Air Warfare*
- Atomic Weapons
- Biological Warfare
- Biological Warfare Agents
- Chemical Warfare
- Civilian Defense
- Radiological Defense
- Radiological Warfare
- Thermonuclear Weapons
- Underwater Warfare

Washers**Waspaloy**

- see Chromium-Cobalt-Nickel Alloys*

Wasps

- see Vespidæ*

Waste Disposal

- see also Bacterial Slimes*
- Sewage
- Sewage Systems
- Stack Disposal
- Waste Recovery
- x Disposal
- xx Radioactive Contamination
- Sewage
- Tanks
- Waste Processing

Waste Processing

- see also Calcination*
- Waste Disposal
- Waste Recovery

Waste Recovery

- x Recovery
- xx Waste Disposal
- Waste Processing

Waste Slurries

- see Hanford Waste Slurries*

Waste Solutions**Water**

- see also Body Water*
- Ground Waters
- Hydrogen-Oxygen Systems
- Ice
- Natural Waters
- Radioactive Waters
- Rain Water

see also Sea Water

Steam

Surface Waters

- x Supercritical Water

Water-d

- x Deuterium Oxides

Water-d₂

- x Deuterium Oxides
- Heavy Water

Water-dt

- x Deuterium Oxides
- Tritium Oxides

Water-f

- x Tritium Oxides

Water-t₂

- see also Oxygen-Tritium Systems*

- x Tritium Oxides

Water-Acetic Acid-Benzene, Nitro- Systems

- see Acetic Acid-Benzene, Nitro-Water Systems*

Water-Acetic Acid-Carbon Tetrachloride Systems

- see Acetic Acid-Carbon Tetrachloride-Water Systems*

Water-Acetic Acid-Chloroform Systems

- see Acetic Acid-Chloroform-Water Systems*

Water-Acetic Acid-Isopropyl Ether Systems

- see Acetic Acid-Isopropyl Ether-Water Systems*

Water-Acetic Acid-2-Pentanone, 4-Methyl- Systems

- see Acetic Acid-2-Pentanone, 4-Methyl-Water Systems*

Water-Acetic Acid Systems

- see Acetic Acid-Water Systems*

Water-Acetic Acid-Toluene Systems

- see Acetic Acid-Toluene-Water Systems*

Water-Acetone-Ethane, 1,1,2-Trichloro- Systems

- see Acetone-Ethane, 1,1,2-Trichloro-Water Systems*

Water-Acetone Systems

- see Acetone-Water Systems*

Water-Aluminum Systems

- see Aluminum-Water Systems*

Water-Aluminum-Thorium Systems

- see Aluminum-Thorium-Water Systems*

Water-Americyl Carbonate-Rubidium Carbonate Systems

- see Americyl Carbonate-Rubidium Carbonate-Water Systems*

Water-Ammonium Fluoride-Sodium Fluoride Systems

- see Ammonium Fluoride-Sodium Fluoride-Water Systems*

Water-Ammonium Nitrate-Ethyl Ether-Uranyl Nitrate Systems

- see Ammonium Nitrate-Ethyl Ether-Uranyl Nitrate-Water Systems*

Water-Ammonium Oxalate Systems

- see Ammonium Oxalate-Water Systems*

Water-Ammonium Sulfate-Lithium Sulfate Systems

- see Ammonium Sulfate-Lithium Sulfate-Water Systems*

Water-Benzene Systems

- see Benzene-Water Systems*

Water-Beryllium Sulfate-Uranium Oxide Systems

- see Beryllium Sulfate-Uranium Oxide-Water Systems*

Water-Beryllium Sulfate-Uranyl Sulfate Systems

- see Beryllium Sulfate-Uranyl Sulfate-Water Systems*

Water-Beryllium Systems

- see Beryllium-Water Systems*

Water-Biphenyl, Isopropyl- Systems

- see Biphenyl, Isopropyl-Water Systems*

Water-Biphenyl Systems

- see Biphenyl-Water Systems*

Water Boiler

- see Los Alamos Water Boiler*

Water Boiler Neutron Sources

- x AE-6 Reactor
- L-3
- Livermore Water Boiler Reactor
- North American Aviation Reactors
- WBNS
- xx Homogeneous Reactors
- Neutron Sources
- Research Reactors

Water-Boric Acid-1-Butanol, 3-Methyl- Systems

see Boric Acid-1-Butanol, 3 Methyl -Water Systems

Water-Boric Acid-Cadmium Sulfate Systems

see Boric Acid-Cadmium Sulfate-Water Systems

Water-Boric Acid-Calcium Chloride Systems

see Boric Acid-Calcium Chloride-Water Systems

Water-Boric Acid Systems

see Boric Acid-Water Systems

Water-d₂-Boric Acid Systems

see Boric Acid-Water-d₂ Systems

Water-Boron Oxide-Lithium Oxide Systems

see Boron Oxide-Lithium Oxide-Water Systems

Water-1-Butanol Systems

see 1-Butanol-Water Systems

Water-2-Butanone Systems

see 2-Butanone-Water Systems

Water-Butyl Phosphate-Hexane-Uranyl Nitrate Systems

see Butyl Phosphate-Hexane-Uranyl Nitrate-Water Systems

Water-Butyl Phosphate-Iron(III) Chloride-Kerosene Systems

see Butyl Phosphate-Iron(III) Chloride-Kerosene-Water Systems

Water-Butyl Phosphate-Kerosene-Methanol Systems

see Butyl Phosphate-Kerosene-Methanol-Water Systems

Water-Butyl Phosphate-Kerosene Systems

see Butyl Phosphate-Kerosene-Water Systems

Water-Butyl Phosphate-Kerosene-Thorium Nitrate Systems

see Butyl Phosphate-Kerosene-Thorium Nitrate-Water Systems

Water-Butyl Phosphate-Methanol Systems

see Butyl Phosphate-Methanol-Water Systems

Water-Butyl Phosphate-Thorium Nitrate Systems

see Butyl Phosphate-Thorium Nitrate-Water Systems

Water-Butyl Phosphate Systems

see Butyl Phosphate-Water Systems

Water-Butyric Acid Systems

see Butyric Acid-Water Systems

Water-Cadmium Chloride-Zinc Chloride Systems

see Cadmium Chloride-Water-Zinc Chloride Systems

Water-Cadmium Systems

see Cadmium-Water Systems

Water-Carbon Dioxide-Lithium Oxide-Uranium Oxide Systems

see Carbon Dioxide-Lithium Oxide-Uranium Oxide-Water Systems

Water-Carbon Dioxide-Sodium Oxide-Uranium Oxide Systems

see Carbon Dioxide-Sodium Oxide-Uranium Oxide-Water Systems

Water-Carbon Dioxide Systems

see Carbon Dioxide-Water Systems

Water-Cesium Chloride Systems

see Cesium Chloride-Water Systems

Water-Chloroform Systems

see Chloroform-Water Systems

Water-Chromium Oxide-Thorium(IV) Oxide Systems

see Chromium Oxide-Thorium(IV) Oxide-Water Systems

Water-Cobalt Chloride-2-Propanol, 2-Methyl- Systems

see Cobalt Chloride-2-Propanol, 2 Methyl-Water Systems

Water Cooled Reactors

see also Advanced Test Reactor

Argonne Low Power Research Reactor

Boiling Reactors

Pressurized Water Reactors

Swimming Pool Reactors

x *Fog-cooled Reactors*

Steam-cooled Reactors

xx *Reactors*

Water-Copper Chloride-Lithium Chloride Systems

see Copper Chloride-Lithium Chloride-Water Systems

Water-d₂-Copper Nitrate-Nitric Acid-Uranyl Nitrate Systems

see Copper Nitrate-Nitric Acid-Uranyl Nitrate-Water-d₂ Systems

Water-d₂-Copper Oxide-Nickel Oxide-Sulfuric Acid-Uranium(VI) Oxide Systems

see Copper Oxide-Nickel Oxide-Sulfuric Acid-Uranium(VI) Oxide-Water-d₂ Systems

Water-Copper Sulfate Systems

see Copper Sulfate-Water Systems

Water-Copper Sulfate-Uranyl Sulfate Systems

see Copper Sulfate-Uranyl Sulfate-Water Systems

Water-Cyclohexanol Systems

see Cyclohexanol-Water Systems

Water-Deuterium Systems

see Deuterium-Water Systems

Water-Dioxane Systems

see Dioxane-Water Systems

Water-Ethanol-Methanol Systems

see Ethanol-Methanol-Water Systems

Water-Ethanol Systems

see Ethanol-Water Systems

Water-Ethyl Acetate Systems

see Ethyl Acetate-Water Systems

Water-Ethyl Ether-Thorium Nitrate Systems

see Ethyl Ether-Thorium Nitrate-Water Systems

Water-Ethyl Ether-Uranium Nitrate Systems

see Ethyl Ether-Uranium Nitrate-Water Systems

Water-Ethyl Ether-Uranyl Nitrate Systems

see Ethyl Ether-Uranyl Nitrate-Water Systems

Water-Ethylene Glycol Systems

see Ethylene Glycol-Water Systems

Water-Ethylene Oxide Systems

see Ethylene Oxide-Water Systems

Water-Ethylene-Oxygen Systems

see Ethylene-Oxygen-Water Systems

Water-2-Furaldehyde Systems

see 2-Furaldehyde-Water Systems

Water-Glycerol Systems

see Glycerol-Water Systems

Water-Helium Systems

see Helium-Water Systems

Water-Hydrochloric Acid-Iron Chloride-Isopropyl Ether Systems

see Hydrochloric Acid-Iron Chloride-Isopropyl Ether-Water Systems

Water-Hydrochloric Acid-Isopropyl Ether Systems

see Hydrochloric Acid-Isopropyl Ether-Water Systems

Water-Hydrogen-Oxygen Systems

see Hydrogen-Oxygen-Water Systems

Water-Hydrogen Peroxide Systems

see Hydrogen Peroxide-Water Systems

Water d₂-Hydrogen Peroxide Systems

see Hydrogen Peroxide-Water d₂ Systems

Water-d₂-Hydrogen Peroxide-d₂ Systems

see Hydrogen Peroxide-d₂-Water-d₂ Systems

Water-Hydrogen Selenide Systems

see Hydrogen Selenide-Water Systems

Water-Hydrogen Sulfide Systems

see Hydrogen Sulfide-Water Systems

Water-Hydrogen Systems

see Hydrogen-Water Systems

Water-Indium-Indium Oxide Systems

see Indium-Indium Oxide-Water Systems

Water-Iron Chloride-Isopropyl Ether Systems

see Iron Chloride-Isopropyl Ether-Water Systems

Water-Iron Systems

see Iron-Water Systems

Water-Lead Systems

see Lead-Water Systems

Water-Lithium Bromide-Magnesium Bromide Systems

see Lithium Bromide-Magnesium Bromide-Water Systems

Water-Lithium Carbonate-Uranium Oxide Systems

see Lithium Carbonate-Uranium Oxide-Water Systems

Water-Lithium Chloride-Zinc Chloride Systems

see Lithium Chloride-Water-Zinc Chloride Systems

Water-Lithium Hydroxide Systems

see Lithium Hydroxide-Water Systems

Water-Mercury Systems

see Mercury-Water Systems

Water-Methane Nitro- Systems

see Methane Nitro -Water Systems

Water-Methane Systems

see Methane-Water Systems

Water-Methanol Systems

see Methanol-Water Systems

Water Moderated Reactors

see also Air Force Engineering Test Reactor

Aircraft Shield Test Reactor

Arbor Reactor

Argonaut Reactor

Argonne High Flux Research Reactor

Armour Research Reactor

Army Reactors (SM-1)

Belgian Reactor-3

Boiling Reactor Experiments

Brookhaven Medical Reactor

Brookhaven Neutron Source Reactor

Bulk Shielding Facility

Carrier Vessel Reactor

Dresden Power Reactor

Elk River Power Reactor

Engineering Test Reactor

Experimental Boiling Water Reactor

Fontenay-Aux-Roses Reactors (Triton)

General Electric Test Reactor

Grenoble Reactors (Melusine)

High Performance Reactor

Homogeneous Reactor Experiment

Indian Point Power Reactor

Intermediate Scale Homogeneous Reactor

LEO

LIDO

Los Alamos Omega West Reactor

Los Alamos Power Reactor Experiments

Los Alamos Water Boiler

Low Power Research Reactor

Lynchburg Test Reactor

Materials Testing Reactor

Materials Testing Reactor Mockup

Michigan Research Reactor

NASA Research Reactor

North Carolina Research Reactor

NRL Research Reactor

Nuclear Test Reactor

ORNL High Flux Isotope Reactor

ORNL Research Reactor

Pennsylvania Research Reactor

Radiation Effects Reactor

Saclay Reactors (Proserpine)

Savannah River Thermal Test Reactor

Shield Development Reactor

Shippingport Pressurized Water Reactor

Sioux Falls Power Reactor

Spanish Reactors (JEN-1)

Submarine Advanced Reactor

Submarine Reactors

Submarine Thermal Reactor

Swedish Reactors (R-2)

TRX Reactor

Uranium Production Reactor

Vallecitos Superheat Reactor

Water Boiler Neutron Sources

Watertown Arsenal Research Reactor

Yankee Power Reactor

xx Reactors

Water–Nickel Sulfate–Uranyl Sulfate Systems

see Nickel Sulfate–Uranyl Sulfate–Water Systems

Water–Nitric Acid–Thorium Nitrate Systems

see Nitric Acid–Thorium Nitrate–Water Systems

Water–Nitric Acid–Uranyl Nitrate Systems

see Nitric Acid–Uranyl Nitrate–Water Systems

Water–Nitrogen Systems

see Nitrogen–Water Systems

Water–Oxygen Systems

see Oxygen–Water Systems

Water–d₂–Oxygen Systems

see Oxygen–Water–d₂ Systems

Water–2-Pentanone, 4-Methyl- Systems

see 2-Pentanone, 4-Methyl–Water Systems

Water–Phenol Systems

see Phenol–Water Systems

Water Pipes

see Pipes

Water–Plutonium Oxide Systems

see Plutonium Oxide–Water Systems

Water–Plutonium Systems

see Plutonium–Water Systems

Water–Plutonium–Uranium Systems

see Plutonium–Uranium–Water Systems

Water–Plutonium–Uranium Systems

see Plutonium–Uranium–Water Systems

Water–Potassium Borate Systems

see Potassium Borate–Water Systems

Water–1-Propanol Systems

see 1-Propanol–Water Systems

Water–1-Propanol–Toluene Systems

see 1-Propanol–Toluene–Water Systems

Water–Propionic Acid Systems

see Propionic Acid–Water Systems

Water Purification Equipment

x Purification Equipment

xx Equipment and Procedures

Filters

Water Supplies

Water–Pyridine Systems

see Pyridine–Water Systems

Water–Silver Nitrate–Sodium Nitrate Systems

see Silver Nitrate–Sodium Nitrate–Water Systems

Water–Sodium Carbonate–Uranyl Carbonate Systems

see Sodium Carbonate–Uranyl Carbonate–Water Systems

Water–Sodium Chloride Systems

see Sodium Chloride–Water Systems

Water–Sodium Hydroxide–Sodium Nitrate Systems

see Sodium Hydroxide–Sodium Nitrate–Water Systems

Water–Sodium Hydroxide Systems

see Sodium Hydroxide–Water Systems

Water–Sodium Oxide–Uranium(VI) Oxide Systems

see Sodium Oxide–Uranium(VI) Oxide–Water Systems

Water–Sodium Systems

see Sodium–Water Systems

Water–Steam Systems

see Steam–Water Systems

Water–Steel Systems

see Steel–Water Systems

Water–Sulfur Trioxide–Uranium(VI) Oxide Systems

see Sulfur Trioxide–Uranium(VI) Oxide–Water Systems

Water Supplies

(Including plants, sources, distribution, storage, etc.)

see also Water Purification Equipment

Water Systems

Water–d₂ Systems

Water–Thorium Nitrate Systems

see Thorium Nitrate–Water Systems

Water–d₃–Thorium Oxide Systems

see Thorium Oxide–Water–d₃ Systems

Water–Thorium Systems

see Thorium–Water Systems

Water Tunnels

Water–Uranium(IV) Oxide Systems

see Uranium(IV) Oxide–Water Systems

Water–Uranium(VI) Oxide Systems

see Uranium(VI) Oxide–Water Systems

Water–d₂–Uranium(IV) Oxide Systems

see Uranium(IV) Oxide–Water–d₂ Systems

Water–Uranium(VI) Oxide–Uranyl Sulfate Systems

see Uranium(VI) Oxide–Uranyl Sulfate–Water Systems

Water–Uranium Systems

see Uranium–Water Systems

Water–d₃–Uranium Systems

see *Uranium–Water- d_2 Systems*
Water–Uranyl Chromate Systems
see *Uranyl Chromate–Water Systems*
Water–Uranyl Dichromate Systems
see *Uranyl Dichromate–Water Systems*
Water–Uranyl Fluoride Systems
see *Uranyl Fluoride–Water Systems*
Water- d_2 –Uranyl Fluoride Systems
see *Uranyl Fluoride–Water d_2 Systems*
Water–Uranyl Nitrate Systems
see *Uranyl Nitrate–Water Systems*
Water–Uranyl Perchlorate Systems
see *Uranyl Perchlorate–Water Systems*
Water–Uranyl Sulfate Systems
see *Uranyl Sulfate–Water Systems*
Water- d_2 –Uranyl Sulfate Systems
see *Uranyl Sulfate–Water- d_2 Systems*
Water Vapor
see also *Steam*
 x Vapors
 Supercritical Water
 xx Steam
Water Waves
 x Waves
Water–Zinc Sulfate Systems
Water–Zirconium Systems
Watertown Arsenal Research Reactor
 xx Enriched Reactors
 Research Reactors
 Water Moderated Reactors
Wave Mechanics
see also *Mathematics*
 Physics
Waveguides
see *Microwave Equipment*
Wavellites
see also *Pseudowavellites*
 xx Aluminum Phosphates
Waves
see *Detonation Waves*
 Electromagnetic Waves
 Hydromagnetic Waves
 Microwaves
 Radio Waves
 Shock Waves
 Water Waves
Wax–Boron Carbide Systems
see *Boron Carbide–Wax Systems*
Wax–Butyl Phosphate Systems
see *Butyl Phosphate–Wax Systems*
Wax–Phosphine Oxides, Trioctyl- Systems
see *Phosphine Oxides, Trioctyl–Wax Systems*
Waxes
see also *Greases*
 Oils
 Paraffin
WBNS
see *Water Boiler Neutron Sources*
Weapons
see *Atomic Weapons*
 Biological Warfare Agents
 Chemical Warfare Agents
 Radiological Warfare Agents
 Radiological Weapons
 Thermonuclear Weapons
 Torpedoes
Wear
see also *Abrasion*
Weeksites
 xx Uranium Minerals
Weighing
see *Balances*

Welded Joints

see also *Welds*

xx Joints

Welding

see also *Brazing*

Soldering

x Flaws

xx Bonding

Brazing

Soldering

Welding Rods

Welds

xx Welded Joints

Well Logging

x Drill-Hole Logging

Radio Well Logging

Radiometric Well Logging

xx Geophysical Prospecting

Wells

West Milton Reactor

see *KAPL Intermediate Power Breeder*

Submarine Intermediate Reactor

West Stands Reactor

xx Graphite Moderated Reactors

Research Reactors

Westinghouse Test Reactor (WTR)

see *Research Reactors*

Wet B Separation Process

see *Lanthanum Fluoride Process*

Wet D Separation Process

see *Bismuth Phosphate Process*

Wet Fluoride Process

see *Lanthanum Fluoride Process*

Wetting

Wetting Agents

see *Surface-Active Agents*

Wheat

Wheatstone Bridge

Wigner Effect

Wigwam Operation

x Operations

Willgerodt Reaction

x Reactions

Wind

Wind Power

x Power

Wind Tunnels

Windows

xx Structural Panels

Windscale Advanced Gas Cooled Reactor

x Advanced Gas Cooled Reactor (British)

AGR (British)

xx British Reactors

Gas Cooled Reactors

Graphite Moderated Reactors

Power Reactors

Windscale Production Reactors

xx Gas Cooled Reactors

Graphite Moderated Reactors

Production Reactors

Wineglass

see *Pinch Devices*

Wines

Wings

see also *Aircraft*

xx Aircraft

Airfoils

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xx Heavy Water Reactors

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Zinc Isotopes Zn⁶¹

Zinc Isotopes Zn⁶²

Zinc Isotopes Zn⁶³

Zinc Isotopes Zn⁶⁴

Zinc Isotopes Zn⁶⁵

Zinc Isotopes Zn⁶⁶

Zinc Isotopes Zn⁶⁷

Zinc Isotopes Zn⁶⁸

Zinc Isotopes Zn⁶⁹

Zinc Isotopes Zn⁷⁰

Zinc Isotopes Zn⁷¹

Zinc Isotopes Zn⁷²

Zinc Lactates

xx Lactates

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Zinc–Magnesium Alloys

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Zinc Oxides

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Zinc Phosphides

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Zinc–Plutonium–Uranium Alloys

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Zinc–Polonium Alloys

see Polonium–Zinc Alloys

Zinc–Potassium Alloys

see Potassium–Zinc Alloys

Zinc–Samarium Alloys

see Samarium–Zinc Alloys

Zinc Selenide Crystals

xx Selenide Crystals

Zinc Selenide–Zinc Sulfide Systems

Zinc Selenides

xx Selenides

Zinc Silicates

xx Silicates

Zinc–Silver Alloys

see Silver–Zinc Alloys

Zinc–Sodium Alloys

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Zinc Stannates

xx Stannates

Zinc–Strontium Alloys

see Strontium–Zinc Alloys

Zinc Sulfate–Water Systems

see Water–Zinc Sulfate Systems

Zinc Sulfates

Zinc Sulfide Crystals

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Zinc Sulfide–Zinc Selenide Systems

see Zinc Selenide–Zinc Sulfide Systems

Zinc Sulfides

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Zinc Systems

Zinc Tellurides

xx Tellurides

Zinc-Thorium Alloys

see Thorium-Zinc Alloys

Zinc-Tin Alloys

see Tin-Zinc Alloys

Zinc-Tin-Uranium Alloys

see Tin-Uranium-Zinc Alloys

Zinc Titanates

xx Titanates

Zinc-Titanium Alloys

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Zinc Tungstates

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Zinc-Uranium Alloys

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Zinc-Yttrium Alloys

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Zinc-Zinc Chloride Systems**Zinc-Zirconium Alloys****Zinn Fast Reactor**

see Experimental Breeder Reactor

Zippeites**Zippers**

see Fasteners

Zircaloy 1

see Tin-Zirconium Alloys

Zircaloy 2

see Tin-Zirconium Alloys

Zircaloy-3

see Iron-Tin-Zirconium Alloys

Zircaloy-A

see Uranium-Zirconium Alloys

Zircaloy B

see Uranium-Zirconium Alloys

Zircex Process

(Separation of U from U-Zr fuel elements by hydrochlorination to UCl_4 and $ZrCl_4$, and subsequent $ZrCl_4$ distillation.)

xx Separation Processes

Zirconates

see also Alkaline Earth Zirconates

Barium Zirconates
Calcium Zirconates
Chlorozirconates
Fluorozirconates
Lanthanum Zirconates
Lead Zirconates
Lithium Zirconates
Neodymium Zirconates
Potassium Zirconates
Samarium Zirconates
Sodium Oxalatozirconates
Sodium Zirconates
Strontium Zirconates

Zirconia

see Zirconium Oxides

Zirconium**Zirconium (Cu Clad)**

xx Copper Coatings

Zirconium (Impregnated)**Zirconium (Liquid)****Zirconium Acetylacetonates**

xx Acetylacetonates

Zirconium Alcoholates

xx Alcoholates

Zirconium Alloy Coatings

see also Boron-Tin-Zirconium Systems (Zr Alloy Clad)

Molybdenum-Niobium-Uranium Alloys (Zr Alloy Clad)
Molybdenum-Titanium-Uranium Alloys (Zr Alloy Clad)
Molybdenum-Uranium Alloys (Zr Alloy Clad)
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Uranium Oxides (Zr Alloy Clad)

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xx Zirconium Coatings

Zirconium Alloy Compacts**Zirconium Alloys****Zirconium-Aluminum Alloy Couples**

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Zirconium-Aluminum Alloys

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Zirconium-Aluminum-Chromium Alloys

see Aluminum-Chromium-Zirconium Alloys

Zirconium-Aluminum-Chromium-Molybdenum Alloys

see Aluminum-Chromium-Molybdenum-Zirconium Alloys

Zirconium-Aluminum-Chromium-Molybdenum-Nickel Alloys

see Aluminum-Chromium-Molybdenum-Nickel-Zirconium Alloys

Zirconium-Aluminum Coatings

see Aluminum-Zirconium Coatings

Zirconium-Aluminum-Copper Alloys

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Zirconium Aluminum Hydrides

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Zirconium-Aluminum-Iron-Tantalum Alloys

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Zirconium-Aluminum-Magnesium Alloys

see Aluminum-Magnesium-Zirconium Alloys

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Zirconium-Aluminum-Molybdenum-Tin Alloys

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Zirconium-Aluminum-Nickel Alloys

see Aluminum-Nickel-Zirconium Alloys

Zirconium-Aluminum-Niobium Alloys

see Aluminum-Niobium-Zirconium Alloys

Zirconium-Aluminum-Niobium-Titanium Alloys

see Aluminum-Niobium-Titanium-Zirconium Alloys

Zirconium-Aluminum-Silicon Systems

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Zirconium-Aluminum-Tantalum Alloys

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Zirconium-Aluminum-Tin Alloys

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Zirconium-Aluminum-Tin-Titanium Alloys

see Aluminum-Tin-Titanium-Zirconium Alloys

Zirconium-Aluminum-Titanium Alloys

see Aluminum-Titanium-Zirconium Alloys

Zirconium-Aluminum-Titanium-Vanadium Alloys

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Zirconium-Aluminum-Uranium Alloys

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Zirconium Ammonium Fluorides

see Ammonium Zirconium Fluorides

Zirconium-Antimony Alloys

see Antimony-Zirconium Alloys

Zirconium-Antimony-Magnesium Alloys

see Antimony-Magnesium-Zirconium Alloys

Zirconium-Antimony-Niobium Alloys

see Antimony-Niobium-Zirconium Alloys

Zirconium-Antimony-Tin Alloys

see Antimony-Tin-Zirconium Alloys

Zirconium-Arsenic Systems

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Zirconium Barium Silicates

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Zirconium–Beryllium Alloys
see Beryllium–Zirconium Alloys

Zirconium–Beryllium–Boron Systems
see Beryllium–Boron–Zirconium Systems

Zirconium–Beryllium Compacts
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Zirconium–Beryllium–Copper Alloys
see Beryllium–Copper–Zirconium Alloys

Zirconium–Beryllium–Iron Alloys
see Beryllium–Iron–Zirconium Alloys

Zirconium–Beryllium–Magnesium Alloys
see Beryllium–Magnesium–Zirconium Alloys

Zirconium Beryllium Silicides
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Zirconium–Beryllium–Silicon Systems
see Beryllium–Silicon–Zirconium Systems

Zirconium–Beryllium–Tin Alloys
see Beryllium–Tin–Zirconium Alloys

Zirconium–Beryllium–Uranium Alloys
see Beryllium–Uranium–Zirconium Alloys

Zirconium–Biphenyl Systems
see Biphenyl–Zirconium Systems

Zirconium–Bismuth Alloys
see Bismuth–Zirconium Alloys

Zirconium–Bismuth–Uranium Alloys
see Bismuth–Uranium–Zirconium Alloys

Zirconium Boride–Aluminum Oxide Systems
see Aluminum Oxide–Zirconium Boride Systems

Zirconium Boride–Beryllium Oxide Systems
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Zirconium Boride–Boron Systems
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Zirconium Boride–Chromium Boride Systems
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Zirconium Boride–Chromium Boride–Titanium Boride Systems
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Zirconium Boride–Chromium Systems
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Zirconium Boride Compacts
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Zirconium Boride Crucibles
 xx Boride Crucibles

Zirconium Boride–Iron–Tin–Zirconium Systems
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Zirconium Boride–Lead Systems
see Lead–Zirconium Boride Systems

Zirconium Boride–Molybdenum Silicide Systems
see Molybdenum Silicide–Zirconium Boride Systems

Zirconium Boride–Molybdenum Systems
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Zirconium Boride Powders
 xx Boride Powders
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Zirconium Boride–Silicon Oxide–Zirconium Oxide Systems
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Zirconium Boride–Stainless Steel Systems
see Stainless Steel–Zirconium Boride Systems

Zirconium Boride–Stainless Steel–Uranium Oxide Systems
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Zirconium Boride–Tantalum Boride Systems
see Tantalum Boride–Zirconium Boride Systems

Zirconium Boride–Titanium Boride Systems
see Titanium Boride–Zirconium Boride Systems

Zirconium Boride–Titanium Systems
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Zirconium Boride–Titanium Systems (Clad)
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Zirconium Boride–Tungsten Carbide Systems
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Zirconium Boride–Tungsten Silicide Systems
see Tungsten Silicide–Zirconium Boride Systems

Zirconium Boride–Zirconium Silicate Systems

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Zirconium Borides

Zirconium Borohydrides
 xx Borohydrides

Zirconium–Boron Carbide–Iron–Tin Systems
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Zirconium–Boron Carbide–Niobium–Tin Systems
see Boron Carbide–Niobium–Tin–Zirconium Systems

Zirconium–Boron Carbide Systems
see Boron Carbide–Zirconium Systems

Zirconium–Boron Carbide Systems (Clad)
see Boron Carbide–Zirconium Systems (Clad)

Zirconium–Boron Carbide–Tin Systems
see Boron Carbide–Tin–Zirconium Systems

Zirconium–Boron–Carbon Systems
see Boron–Carbon–Zirconium Systems

Zirconium–Boron–Hafnium Systems
see Boron–Hafnium–Zirconium Systems

Zirconium–Boron–Silicon Systems
see Boron–Silicon–Zirconium Systems

Zirconium–Boron Systems
see Boron–Zirconium Systems

Zirconium–Boron–Tin Systems
see Boron–Tin–Zirconium Systems

Zirconium–Boron–Tin Systems (Zr Alloy Clad)
see Boron–Tin–Zirconium Systems (Zr Alloy Clad)

Zirconium–Boron–Tin–Uranium Systems
see Boron–Tin–Uranium–Zirconium Systems

Zirconium–Boron–Tungsten Systems
see Boron–Tungsten–Zirconium Systems

Zirconium–Boron–Uranium Systems
see Boron–Uranium–Zirconium Systems

Zirconium Bromides

Zirconium Bronze
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Zirconium–Cadmium Alloys
see Cadmium–Zirconium Alloys

Zirconium–Cadmium Alloys (Clad)
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Zirconium Carbide–Chromium Carbide–Silicon Carbide Systems
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Zirconium Carbide–Chromium Carbide Systems
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Zirconium Carbide Coatings
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Zirconium Carbide Compacts
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Zirconium Carbide–Graphite Systems
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Zirconium Carbide–Hafnium Carbide Systems
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Zirconium Carbide–Molybdenum Silicide–Silicon Carbide Systems
see Molybdenum Silicide–Silicon Carbide–Zirconium Carbide Systems

Zirconium Carbide–Molybdenum Silicide Systems
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Zirconium Carbide–Niobium Carbide–Silicon Carbide Systems
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Zirconium Carbide–Niobium Carbide Systems
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Zirconium Carbide–Niobium Carbide–Vanadium Carbide Systems
see Niobium Carbide–Vanadium Carbide–Zirconium Carbide Systems

Zirconium Carbide–Niobium Systems
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Zirconium Carbide–Silicon Carbide Systems
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Zirconium Carbide–Silicon Carbide–Tantalum Carbide Systems
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Zirconium Carbide–Silicon Carbide–Titanium Carbide Systems
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Zirconium Carbide-Silicon Carbide-Vanadium Carbide Systems

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Zirconium Carbide-Tantalum Carbide Systems

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Zirconium Carbide-Tantalum Carbide-Vanadium Carbide Systems

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Zirconium Carbide-Thorium Carbide-Uranium Carbide Systems

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Zirconium Carbide-Titanium Carbide Systems

see Titanium Carbide-Zirconium Carbide Systems

Zirconium Carbide-Titanium Carbide-Vanadium Carbide Systems

see Titanium Carbide-Vanadium Carbide-Zirconium Carbide Systems

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Zirconium-Carbon-Silicon Systems

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Zirconium-Cerium-Copper-Titanium Alloys

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Zirconium-Cerium-Magnesium Alloys

see Cerium-Magnesium-Zirconium Alloys

Zirconium-Cerium-Magnesium-Zinc Alloys

see Cerium-Magnesium-Zinc-Zirconium Alloys

Zirconium Chelates**Zirconium Chloride Addition Compounds**

xx Chloride Addition Compounds

Zirconium Chloride Complexes

xx Chloride Complexes

Zirconium Chloride-Lead Chloride Systems

see Lead Chloride-Zirconium Chloride Systems

Zirconium Chloride-Phosphoryl Chloride Systems

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Zirconium Chloride-Potassium Chloride-Sodium Chloride Systems

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Zirconium Chloride-Potassium Chloride Systems

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Zirconium Chloride-Zirconium Systems

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Zirconium Chlorides**Zirconium-Chromium Alloys**

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Zirconium-Chromium-Cobalt Alloys

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Zirconium-Chromium-Copper Alloys

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Zirconium-Chromium-Nickel Alloys

see Chromium-Nickel-Zirconium Alloys

Zirconium-Chromium-Niobium Alloys

see Chromium-Niobium-Zirconium Alloys

Zirconium-Chromium-Niobium-Vanadium Alloys

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Zirconium-Chromium-Tin Alloys

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Zirconium Citrates

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Zirconium Cladding

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xx Zirconium Coatings

Zirconium Coatings

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Zirconium-Cobalt-Oxygen Systems

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Zirconium-Copper-Titanium Alloys

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Zirconium-Copper-Uranium Alloys

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Zirconium Couples**Zirconium Crucibles****Zirconium Crystals****Zirconium Deuterides****Zirconium-Deuterium Systems**

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Zirconium-Dysprosium Alloys

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Zirconium-Dysprosium-Tin Alloys

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Zirconium-Dysprosium-Tin-Uranium Alloys

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Zirconium Electrodes

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Zirconium Fluoride-Beryllium Fluoride-Lithium Fluoride Systems

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Zirconium Fluoride-Beryllium Fluoride-Lithium Fluoride-Thorium Fluoride-Uranium(IV) Fluoride Systems

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Zirconium Fluoride-Beryllium Fluoride-Sodium Fluoride Systems

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Zirconium Fluoride-Beryllium Fluoride-Sodium Fluoride-Uranium Fluoride Systems

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Zirconium Fluoride-Cesium Fluoride Systems

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Zirconium-Lead Alloys*see Lead-Zirconium Alloys***Zirconium-Lead-Tin Alloys***see Lead-Tin-Zirconium Alloys***Zirconium-Magnesium Alloys***see Magnesium-Zirconium Alloys***Zirconium-Magnesium Coatings***see Magnesium-Zirconium Coatings***Zirconium-Magnesium Couples***see Magnesium-Zirconium Couples***Zirconium-Magnesium-Manganese Alloys***see Magnesium-Manganese-Zirconium Alloys***Zirconium-Magnesium-Neodymium-Silver Alloys***see Magnesium-Neodymium-Silver-Zirconium Alloys***Zirconium-Magnesium-Nickel Alloys***see Magnesium-Nickel-Zirconium Alloys***Zirconium-Magnesium-Rare Earth Alloys***see Magnesium-Rare Earth-Zirconium Alloys***Zirconium-Magnesium-Silicon Systems***see Magnesium-Silicon-Zirconium Systems***Zirconium-Magnesium-Silver Alloys***see Magnesium-Silver-Zirconium Alloys***Zirconium-Magnesium-Thorium Alloys***see Magnesium-Thorium-Zirconium Alloys***Zirconium-Magnesium-Thorium-Zinc Alloys***see Magnesium-Thorium-Zinc-Zirconium Alloys***Zirconium-Magnesium-Zinc Alloys***see Magnesium-Zinc-Zirconium Alloys***Zirconium Mandelates***see Mandelic Acid, Zirconium Salts***Zirconium-Manganese Alloys***see Manganese-Zirconium Alloys***Zirconium-Manganese-Nickel Alloys***see Manganese-Nickel-Zirconium Alloys***Zirconium-Mercury Alloys***see Mercury-Zirconium Alloys***Zirconium Minerals***see also Baddeleyites**Zirconium Ores**Zircons*xx *Zirconium Ores***Zirconium-Molybdenum Alloys***see Molybdenum-Zirconium Alloys***Zirconium-Molybdenum-Niobium Alloys***see Molybdenum-Niobium-Zirconium Alloys***Zirconium-Molybdenum-Niobium-Tin Alloys***see Molybdenum-Niobium-Tin-Zirconium Alloys***Zirconium-Molybdenum-Niobium-Titanium Alloys***see Molybdenum-Niobium-Titanium-Zirconium Alloys***Zirconium-Molybdenum-Niobium-Tungsten Alloys***see Molybdenum-Niobium-Tungsten-Zirconium Alloys***Zirconium-Molybdenum-Niobium-Uranium Alloys***see Molybdenum-Niobium-Uranium-Zirconium Alloys***Zirconium-Molybdenum-Niobium-Vanadium Alloys***see Molybdenum-Niobium-Vanadium-Zirconium 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Alloys***Zirconium-Niobium-Plutonium-Uranium Alloys***see Niobium-Plutonium-Uranium-Zirconium Alloys***Zirconium-Niobium-Ruthenium Alloys***see Niobium-Ruthenium-Zirconium Alloys***Zirconium-Niobium-Silicon-Uranium Systems***see Niobium-Silicon-Uranium-Zirconium Systems***Zirconium-Niobium-Tantalum Alloys***see Niobium-Tantalum-Zirconium Alloys***Zirconium-Niobium-Thorium-Uranium Alloys***see Niobium-Thorium-Uranium-Zirconium Alloys***Zirconium-Niobium-Tin Alloys***see Niobium-Tin-Zirconium Alloys***Zirconium-Niobium-Tin-Uranium Alloys***see Niobium-Tin-Uranium-Zirconium Alloys***Zirconium-Niobium-Tin-Uranium Oxide Systems***see Niobium-Tin-Uranium Oxide-Zirconium Systems***Zirconium-Niobium-Titanium Alloys***see Niobium-Titanium-Zirconium Alloys***Zirconium-Niobium-Titanium-Tungsten Alloys***see Niobium-Titanium-Tungsten-Zirconium Alloys***Zirconium-Niobium-Titanium-Vanadium Alloys***see Niobium-Titanium-Vanadium-Zirconium Alloys***Zirconium-Niobium-Tungsten Alloys***see Niobium-Tungsten-Zirconium Alloys***Zirconium-Niobium-Uranium Alloys***see Niobium-Uranium-Zirconium Alloys***Zirconium-Niobium-Uranium Alloys (Clad)***see Niobium-Uranium-Zirconium Alloys (Clad)***Zirconium-Niobium-Uranium Oxide Systems***see Niobium-Uranium Oxide-Zirconium Systems***Zirconium-Niobium-Vanadium Alloys***see Niobium-Vanadium-Zirconium Alloys***Zirconium-Niobium-Yttrium Alloys***see Niobium-Yttrium-Zirconium Alloys***Zirconium Nitrate Complexes**xx *Nitrate Complexes***Zirconium Nitrates****Zirconium-Nitric Acid Systems***see Nitric Acid-Zirconium Systems***Zirconium Nitride Crucibles**xx *Nitride Crucibles***Zirconium Nitrides****Zirconium-Nitrogen-Oxygen-Tantalum Systems***see Nitrogen-Oxygen-Tantalum-Zirconium Systems***Zirconium-Nitrogen Systems***see Nitrogen-Zirconium Systems***Zirconium-Nitrogen-Tin Systems***see Nitrogen-Tin-Zirconium Systems***Zirconium-Nitrogen-Uranium Systems***see Nitrogen-Uranium-Zirconium Systems***Zirconium Ores***see also Zirconium Minerals*xx *Ores**Zirconium Minerals***Zirconium Oxalate Complexes**xx *Oxalate Complexes***Zirconium Oxalates**xx *Oxalates***Zirconium Oxide-Aluminum Oxide-Beryllium Oxide Systems***see Aluminum Oxide-Beryllium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Aluminum Oxide-Magnesium Oxide-Silicon Oxide Systems

see *Aluminum Oxide-Magnesium Oxide-Silicon Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Aluminum Oxide-Magnesium Oxide Systems

see *Aluminum Oxide-Magnesium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Aluminum Oxide-Silicon Oxide-Titanium Oxide Systems

see *Aluminum Oxide-Silicon Oxide-Titanium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Aluminum Oxide Systems

see *Aluminum Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Barium Oxide Systems

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Zirconium Oxide-Barium Oxide-Titanium Oxide Systems

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see *Beryllium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Beryllium Oxide-Uranium Oxide-Yttrium Oxide Systems

see *Beryllium Oxide-Uranium Oxide-Yttrium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Beryllium Oxide-Yttrium Oxide Systems

see *Beryllium Oxide-Yttrium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Boron Oxide-Magnesium Oxide Systems

see *Boron Oxide-Magnesium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Boron Oxide Systems

see *Boron Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Cadmium Oxide Systems

see *Cadmium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Calcium Chloride Systems

see *Calcium Chloride-Zirconium Oxide Systems*

Zirconium Oxide-Calcium Oxide-Magnesium Oxide Systems

see *Calcium Oxide-Magnesium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Calcium Oxide Systems

see *Calcium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Calcium Oxide-Titanium Oxide Systems

see *Calcium Oxide-Titanium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Calcium Oxide-Uranium Oxide Systems

see *Calcium Oxide-Uranium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Calcium Oxide-Uranium Oxide-Yttrium Oxide Systems

see *Calcium Oxide-Uranium Oxide-Yttrium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Carbon Systems

see *Carbon-Zirconium Oxide Systems*

Zirconium Oxide-Cerium Oxide Systems

see *Cerium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Chromium Oxide Systems

see *Chromium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Chromium Systems

see *Chromium-Zirconium Oxide Systems*

Zirconium Oxide Coatings

xx *Oxide Coatings*

Zirconium Oxide Compacts

xx *Oxide Compacts*

Zirconium Oxide Crucibles

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Zirconium Oxide-Dysprosium Oxide Systems

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Zirconium Oxide Electrodes

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Zirconium Oxide Films

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Zirconium Oxide-Germanium Oxide Systems

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Zirconium Oxide-Hafnium Oxide Systems

see *Hafnium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Iron Oxide-Silicon Oxide Systems

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Zirconium Oxide-Iron Oxide Systems

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Zirconium Oxide-Lanthanum Oxide Systems

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Zirconium Oxide-Lanthanum Oxide-Uranium Oxide Systems

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Zirconium Oxide-Magnesium Oxide-Silicon Oxide Systems

see *Magnesium Oxide-Silicon Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Magnesium Oxide Systems

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Zirconium Oxide-Manganese Oxide Systems

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Zirconium Oxide-Molybdenum Oxide Systems

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Zirconium Oxide-Molybdenum Systems

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Zirconium Oxide-Neodymium Oxide Systems

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Zirconium Oxide-Nickel Oxide Systems

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Zirconium Oxide-Nickel Systems

see *Nickel-Zirconium Oxide Systems*

Zirconium Oxide-Niobium Oxide-Silicon Carbide Systems

see *Niobium Oxide-Silicon Carbide-Zirconium Oxide Systems*

Zirconium Oxide-Niobium Oxide Systems

see *Niobium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Niobium Systems

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Zirconium Oxide-Plutonium Oxide Systems

see *Plutonium Oxide-Zirconium Oxide Systems*

Zirconium Oxide Powders

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Zirconium Oxide-Samarium Oxide Systems

see *Samarium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Scandium Oxide Systems

see *Scandium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Silicon Oxide-Sodium Oxide Systems

see *Silicon Oxide-Sodium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Silicon Oxide Systems

see *Silicon Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Silicon Oxide-Titanium Oxide Systems

see *Silicon Oxide-Titanium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Silicon Oxide-Zirconium Boride Systems

see *Silicon Oxide-Zirconium Boride-Zirconium Oxide Systems*

Zirconium Oxide-Silver Oxide-Sodium Oxide Systems

see *Silver Oxide-Sodium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Sodium Fluoride-Zirconium Fluoride Systems

see *Sodium Fluoride-Zirconium Fluoride-Zirconium Oxide Systems*

Zirconium Oxide-Stainless Steel Compacts

see *Stainless Steel-Zirconium Oxide Compacts*

Zirconium Oxide-Strontium Oxide Systems

see *Strontium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Tantalum Oxide Systems

see *Tantalum Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Tellurium Oxide Systems

see *Tellurium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Thorium Oxide Systems

see *Thorium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Thorium Oxide-Uranium Oxide Systems

see *Thorium Oxide-Uranium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Tin Oxide Systems

see *Tin Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Titanium Oxide Systems

see *Titanium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Titanium Systems

see *Titanium-Zirconium Oxide Systems*

Zirconium Oxide-Tungsten Systems

see *Tungsten-Zirconium Oxide Systems*

Zirconium Oxide-Uranium Oxide Compacts

see *Uranium Oxide-Zirconium Oxide Compacts*

Zirconium Oxide-Uranium Oxide Systems

see *Uranium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Uranium(IV) Oxide Systems

see *Uranium(IV) Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Uranium Oxide-Yttrium Oxide Systems

see *Uranium Oxide-Yttrium Oxide-Zirconium Oxide Systems*

Zirconium Oxide-Vanadium Oxide Systems

see Vanadium Oxide-Zirconium Oxide Systems

Zirconium Oxide-Ytterbium Oxide Systems

see Ytterbium Oxide-Zirconium Oxide Systems

Zirconium Oxide-Yttrium Oxide Systems

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Zirconium Oxide-Zinc Oxide Systems

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Zirconium Oxide-Zirconium Hydride Systems

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Zirconium Oxide-Zirconium Systems

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Zirconium Oxides

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x Zirconia

xx Oxygen-Zirconium Systems

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Zirconium Oxychlorides

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Zirconium-Oxygen-Palladium Systems

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Zirconium-Oxygen-Phosphorus Systems

see Oxygen-Phosphorus-Zirconium Systems

Zirconium-Oxygen-Platinum Systems

see Oxygen-Platinum-Zirconium Systems

Zirconium-Oxygen-Rhodium Systems

see Oxygen-Rhodium-Zirconium Systems

Zirconium-Oxygen Systems

see Oxygen-Zirconium Systems

Zirconium-Oxygen-Tin Systems

see Oxygen-Tin-Zirconium Systems

Zirconium-Oxygen-Titanium Systems

see Oxygen-Titanium-Zirconium Systems

Zirconium-Oxygen-Uranium Systems

see Oxygen-Uranium-Zirconium Systems

Zirconium Oxyulfides

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Zirconium-Palladium Alloys

see Palladium-Zirconium Alloys

Zirconium Perchlorates

xx Perchlorates

Zirconium Peroxides

xx Peroxides

Zirconium Phosphates

Zirconium-Platinum Alloys

see Platinum-Zirconium Alloys

Zirconium-Platinum Couples

see Platinum-Zirconium Couples

Zirconium-Plutonium Alloys

see Plutonium-Zirconium Alloys

Zirconium-Plutonium Oxide Systems

see Plutonium Oxide-Zirconium Systems

Zirconium-Plutonium-Thorium Alloys

see Plutonium-Thorium-Zirconium Alloys

Zirconium-Plutonium-Uranium Alloys

see Plutonium-Uranium-Zirconium Alloys

Zirconium Potassium Fluorides

see Potassium Zirconium Fluorides

Zirconium Potassium Sulfates

see Potassium Zirconium Sulfates

Zirconium Powders**Zirconium Pyrophosphates**

Zirconium-Rhenium Alloys

see Rhenium-Zirconium Alloys

Zirconium-Rhodium Alloys

see Rhodium-Zirconium Alloys

Zirconium-Ruthenium Alloys

see Ruthenium-Zirconium Alloys

Zirconium-Ruthenium-Uranium Alloys

see Ruthenium-Uranium-Zirconium Alloys

Zirconium Salts

see also Benzenearsonic Acid, Zirconium Salts

Mandelic Acid, Zirconium Salts

Quinone, 2,5-Dichloro-3,6-Dihydroxy-, Zirconium Salts

Toluenesulfonic Acid, Zirconium Salts

Zirconium-Samarium Alloys

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Zirconium Selenides

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Zirconium-Selenium Systems

see Selenium-Zirconium Systems

Zirconium Silicate-Carbon Systems

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Zirconium Silicate Crucibles

xx Silicate Crucibles

Zirconium Silicate-Lanthanum Oxide Systems

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Zirconium Silicate-Zirconium Boride Systems

see Zirconium Boride-Zirconium Silicate Systems

Zirconium Silicates

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Sodium Zirconium Silicates

Zircon

xx Silicates

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Zirconium Silicide-Zirconium Boride Systems

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Zirconium Silicides

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xx Silicides

Zirconium-Silicon Systems

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Zirconium-Silicon-Thorium Systems

see Silicon-Thorium-Zirconium Systems

Zirconium-Silicon-Uranium Systems

see Silicon-Uranium-Zirconium Systems

Zirconium-Silver Alloys

see Silver-Zirconium Alloys

Zirconium Sodium Fluorides

see Sodium Zirconium Fluorides

Zirconium Sodium Silicates

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Zirconium-Stainless Steel Couples

see Stainless Steel-Zirconium Couples

Zirconium-Stainless Steel-Tin Compacts

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Zirconium Sulfates

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Zirconium Sulfides

Zirconium-Sulfur Systems

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Zirconium Systems**Zirconium Tantalates**

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Zirconium-Tantalum-Tin Alloys

see Tantalum-Tin-Zirconium Alloys

Zirconium-Tantalum-Tungsten Alloys

see Tantalum-Tungsten-Zirconium Alloys

Zirconium-Tantalum-Uranium Alloys

see Tantalum-Uranium-Zirconium Alloys

Zirconium-Technetium Alloys

see Technetium-Zirconium Alloys

Zirconium Tellurium Oxides

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Zirconium-Tellurium Systems

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Zirconium Thiocyanates

xx Cyanates

- Thiocyanates
- Zirconium–Thorium Alloys**
see Thorium–Zirconium Alloys
- Zirconium–Thorium Couples**
see Thorium–Zirconium Couples
- Zirconium–Thorium Oxide Systems**
see Thorium Oxide–Zirconium Systems
- Zirconium–Thorium–Titanium Alloys**
see Thorium–Titanium–Zirconium Alloys
- Zirconium–Thorium–Uranium Alloys**
see Thorium–Uranium–Zirconium Alloys
- Zirconium–Tin Alloy–Stainless Steel Couples**
see Stainless Steel–Tin–Zirconium Alloy Couples
- Zirconium–Tin Alloy–Uranium–Zirconium Alloy Couples**
see Tin–Zirconium Alloy–Uranium–Zirconium Alloy Couples
- Zirconium–Tin Alloys**
see Tin–Zirconium Alloys
- Zirconium–Tin Alloys (Liquid)**
see Tin–Zirconium Alloys (Liquid)
- Zirconium–Tin Alloys (Zr Clad)**
see Tin–Zirconium Alloys (Zr Clad)
- Zirconium–Tin–Titanium Alloys**
see Tin–Titanium–Zirconium Alloys
- Zirconium–Tin–Uranium Alloys**
see Tin–Uranium–Zirconium Alloys
- Zirconium–Tin–Uranium Carbide Systems**
see Tin–Uranium Carbide–Zirconium Systems
- Zirconium–Tin–Uranium Nitride Systems**
see Tin–Uranium Nitride–Zirconium Systems
- Zirconium–Tin–Uranium Oxide Systems**
see Tin–Uranium Oxide–Zirconium Systems
- Zirconium–Tin–Vanadium Alloys**
see Tin–Vanadium–Zirconium Alloys
- Zirconium Titanates**
 xx Titanates
- Zirconium–Titanium Alloys**
see Titanium–Zirconium Alloys
- Zirconium–Titanium Couples**
see Titanium–Zirconium Couples
- Zirconium–Titanium Oxides**
see Titanium–Zirconium Oxides
- Zirconium–Titanium–Uranium Alloys**
see Titanium–Uranium–Zirconium Alloys
- Zirconium–Titanium–Vanadium Alloys**
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- Zirconium Tritides**
 xx Tritides
- Zirconium–Tritium Systems**
see Tritium–Zirconium Systems
- Zirconium Tungstates**
 xx Tungstates
- Zirconium–Tungsten Alloys**
see Tungsten–Zirconium Alloys
- Zirconium–Tungsten Bronze**
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- Zirconium Uranates**
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- Zirconium–Uranium Alloy–Aluminum Couples**
see Aluminum–Uranium–Zirconium Alloy Couples
- Zirconium–Uranium Alloy–Stainless Steel Couples**
see Stainless Steel–Uranium–Zirconium Alloy Couples
- Zirconium–Uranium Alloy–Tin–Zirconium Alloy Couples**
see Tin–Zirconium Alloy–Uranium–Zirconium Alloy Couples
- Zirconium–Uranium Alloys**
see Uranium–Zirconium Alloys
- Zirconium–Uranium Alloys (Clad)**
see Uranium–Zirconium Alloys (Clad)
- Zirconium–Uranium Alloys (Liquid)**
see Uranium–Zirconium Alloys (Liquid)
- Zirconium–Uranium Alloys (Zr Alloy Clad)**
see Uranium–Zirconium Alloys (Zr Alloy Clad)
- Zirconium–Uranium Alloys (Zr Clad)**
see Uranium–Zirconium Alloys (Zr Clad)
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- Zirconium–Uranium Carbide Compacts**
see Uranium Carbide–Zirconium Compacts
- Zirconium–Uranium Coatings**
see Uranium–Zirconium Coatings
- Zirconium–Uranium Compacts**
see Uranium–Zirconium Compacts
- Zirconium–Uranium Couples**
see Uranium–Zirconium Couples
- Zirconium–Uranium Oxide Compacts**
see Uranium Oxide–Zirconium Compacts
- Zirconium–Uranium Oxide Systems**
see Uranium Oxide–Zirconium Systems
- Zirconium–Uranium(IV) Oxide Systems**
see Uranium(IV) Oxide–Zirconium Systems
- Zirconium–Uranium–Vanadium Alloys**
see Uranium–Vanadium–Zirconium Alloys
- Zirconium–Uranium–Yttrium Alloys**
see Uranium–Yttrium–Zirconium Alloys
- Zirconium–Vanadium Alloys**
see Vanadium–Zirconium Alloys
- Zirconium–Water Systems**
see Water–Zirconium Systems
- Zirconium–Yttrium Alloys**
see Yttrium–Zirconium Alloys
- Zirconium–Zinc Alloys**
see Zinc–Zirconium Alloys
- Zirconium–Zirconium Chloride Systems**
- Zirconium–Zirconium Oxide Systems**
- Zirconia**
see also Zirconium Silicates
 xx Zirconium Silicates
- Zirconyl Bromides**
 x Zirconium Oxybromides
 xx Bromides
- Zirconyl Bronze**
 xx Bronze
- Zirconyl Chlorides**
 x Zirconium Oxychlorides
 xx Chlorides
- Zirconyl Fluorides**
 x Zirconium Oxyfluorides
 xx Fluorides
- Zirconyl Ions**
 xx Zirconium Ions
- Zirconyl Nitrates**
 xx Nitrates
- Zirconyl Oxalates**
 xx Oxalates
- Zirconyl Phosphates**
 xx Phosphates
- Zirconyl Sulfates**
 xx Sulfates
- Zirconyl Sulfides**
 x Zirconium Oxyulfides
 xx Sulfides
- Zirconyl–Tungsten Bronze**
see Tungsten–Zirconyl Bronze
- Zirflex Process**
 xx Separation Processes
- Zirkites**
- Zoe Reactor**
 x Châtillon Reactor (France)
 EL-1 Reactor
 French Reactors
 xx Heavy Water Reactors
 Heterogeneous Reactors
 Thermal Reactors
- Zone Melting**
see High Temperature Separation Processes
- Zoocides**
- Zoology**

ZPR-I Reactor

see Submarine Thermal Reactor Critical Experiment

ZPR-II Reactor

see Zero Power Reactor (Mark II)

ZPR-III Reactor

see Critical Assemblies

Power Breeder Reactors

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Zymases

APPENDIX A

Classification of Uranium Deposits

One of the principal interests of geologists is the mode of occurrence, e.g., secondary concentration, precipitation from hydrothermal solutions, crystallization from molten magma, sedimentation, chemical processes of deposition, etc., which can be correlated with certain host rocks to the point that the identification of the host rocks identifies the mode of occurrence. Thus, although the headings used in the following classification of the type Uranium–Vanadium Sandstone Deposits are apparently by host rock (sandstone), the geologists will interpret the headings as concerning a specific mode of occurrence. It is obvious that the mode of occurrence of uranium in sandstone is different from that in pegmatite.

For pertinent reports, a classification entry should be used in addition to the more specific entries that may be used for the mineral, etc.

At the request of the Division of Raw Materials, and with their cooperation, the following classification pattern has been established to permit indexing of the literature on uranium deposits by mode of occurrence. The list of classifications below is limited to the most important types.

Clay Deposits

Coal Deposits

(Ref.—U. S. Geol. Survey Prof. Paper 300, p. 405-411.)

Copper–Uranium Sandstone Deposits

(These deposits occur in lenticular beds in sedimentary rocks in the Colorado Plateau, chiefly in southern Utah and northern Arizona. The major host rocks are conglomerates, sandstones, and shales of the Chinle formation of Triassic age. The deposits contain assemblages of copper and uranium minerals, with uraninite, pyrite, chalcocopyrite, covellite, and bornite occurring in the unoxidized portions, and johannite, torbernite, uranophane, schoepite, zippeite, malachite, chalcantite, and erythrite cropping out on the oxidized rims. Ref.—U. S. Geol. Survey Prof. Paper 300, p. 263-280.)

Granite Deposits

See also *Igneous Deposits*

—Contact

—Intrusive

Pegmatite Deposits

Hydrocarbon Sandstone Deposits

(Information on these deposits has been indexed to Carbon–Uranium Sandstone Deposits which see in Appendix B.) (These include asphaltic and other carbonaceous uranium deposits. Most of the domestic deposits of this type are in the San Rafael Swell area of east-central Utah where uraniferous material is found in irregular masses and lenses in Triassic sandstones. Microscopic particles of uraninite dispersed in hydrocarbon comprise the major type of ore. Associated with the ore are numerous secondary minerals such as rauvite, corvusite, carnotite, schoepite, uranopilite, and zippeite. Ref.—U. S. Geol. Survey Prof. Paper 300, p. 285-299.)

Igneous Deposits

—Contact

(Deposits formed at or near intrusive contacts. Ref.—U. S. Geol. Survey Prof. Paper 300, p. 85-89.)

—Extrusive

See also *Volcanic Deposits*

(Deposits occurring in rocks derived from magmatic materials that have crystallized at or near the earth's surface. Ref.—U. S. Geol. Survey Prof. Paper 300, p. 75-83.)

—Intrusive

See also *Granite Deposits*

Pegmatite Deposits

(Deposits occurring in rocks derived from magmas that have crystallized at depth.)

Lignite Deposits

(Lignites containing uranium occur in North and South Dakota and other western states. Refs.—U. S. Geol. Survey Prof. Paper 300, p. 413-431, RME-1062(Rev.).)

Limestone Deposits

(Uranium-bearing deposits of this type occur in the Todilto limestone of Jurassic age in northwestern New Mexico and in the Madison limestone of Mississippian age in Montana. Ref.—U. S. Geol. Survey Prof. Paper 300, p. 387-404.)

Metamorphic Deposits

Pegmatite Deposits

See also *Granite Deposits*

Igneous Deposits

—Intrusive

Phosphate Deposits

(Domestic uraniferous phosphates occur in the Phosphoria formation of Permian age in Idaho, Montana, Wyoming and Utah, and in some Tertiary formations in Florida. Ref.—U. S. Geol. Survey Prof. Paper 300, p. 477-504.)

Placer Deposits

(Placer deposits containing uranium-bearing monazite are found in various places in the United States, including Idaho, South Carolina, and Florida. No uranium is produced from this source. Refs.—U. S. Geol. Survey Prof. Paper 300, p. 375-380, RME-3140.)

Sandstone Deposits

See also *Copper–Uranium Sandstone Deposits*

Hydrocarbon Sandstone Deposits

Sedimentary Deposits (miscellaneous)

Uranium–Vanadium Sandstone Deposits

(The principal source of uranium in the United States is in terrestrial sandstones in which uranium minerals occur as pore fillings and impregnations. These deposits are found chiefly in the Morrison formation of Jurassic age in New Mexico and in various Tertiary formations in Wyoming. Uraninite and coffinite are the major ore minerals with some associated secondary uranium minerals and pyrite. Minor amounts of molybdenum-, selenium-, and arsenic-bearing minerals are also present. Refs.—U. S. Geol. Survey Prof. Paper 300, p. 299-302, 337-344, 361-370, RME-86.)

Sedimentary Deposits (miscellaneous)

See also headings for more specific classes of sedimentary deposits. (Refs.—U. S. Geol. Survey Prof. Paper 300, p. 303-319, 351-359, 381-386, 445-449.)

Shale Deposits

See also *Sedimentary Deposits (miscellaneous)*

(Continued)

(Uranium occurs in an unidentified mineral as low-grade disseminations in marine black shales. In the United States the outstanding example of this type of deposit is the Chattanooga shale of Devonian and Mississippian age, which crops out in Tennessee, Kentucky, Alabama, and adjacent states. Ref.—U. S. Geol. Survey Prof. Paper 300, p. 451-467, ORO-205.)

Uranium—Vanadium Sandstone Deposits

(The chief domestic deposits of this type occur in roughly tabular bodies in sedimentary rocks of the Colorado Plateau. The major host rocks are the Morrison formation of Jurassic age and the Chinle formation of Triassic age. The common ore minerals of vanadium and uranium which are present include uraninite, tyuyamunite, carnotite, montrosite, and corvusite. Ref.—U. S. Geol. Survey Prof. Paper 300, p. 143-154.)

Vein Deposits

(These deposits usually occur in metamorphic or igneous rocks of various ages. They frequently are associated with other metals. The most important domestic vein deposits are found at Marysvale, Utah, and in the Rocky Mountains of Colorado. Ref.—U. S. Geol. Survey Prof. Paper 300, p. 97-141.)

Volcanic Deposits

See also Igneous Deposits

—Extrusive

(Several types of uranium deposits are found in volcanic flows, agglomerates and tuffs. The mode of occurrence varies considerably but the ore commonly is oxidized. Most U. S. deposits of this type are found in California, Oregon, and Nevada. Refs.—U. S. Geol. Survey Prof. Paper 300, p. 79-83, RME-2045, RME-2066.)

APPENDIX B

Geographic Subject Headings

When reports dealing with the location and development of uranium deposits ("exploratory geology" reports) were incorporated into the DTIE cataloging program, a study was made in cooperation with the Division of Raw Materials of the subject indexing required for these reports. It was recognized that there was a need for the introduction of new types of headings to meet the need for searching the literature by political areas, physiographic units, and specific sites, and a need in certain cases to index the reports by "association."

Indexing by association may be best understood by its contrast with our usual procedure of indexing only to the heading which most specifically identifies the idea being indexed; a paper on Uranium(VI) Fluorides is indexed only to that one entry and not to Uranium Fluorides, Fluorides, or Uranium Compounds. With the exploratory geology reports, to the contrary, general headings are used in addition to specific headings in two cases:

a. A paper limited to a study of a mine is indexed to the specific name of the mine and also is indexed to the political and physiographic areas in which the mine is found, i.e., a paper reporting a survey of the Sunshine Mine requires three headings:

1. Sunshine Mine (Idaho)	Specific headings
2. Coeur d'Alene District (Idaho)	Association with physiographic area
3. Idaho (Shoshone Co.)	Association with political area

b. The second special case of indexing by association concerns the classification scheme for uranium deposits (see Appendix A). In addition to headings for the specific minerals, etc., headings are added for the classes of the deposits studied. Certain of these classification terms are easily understood, are generally mentioned in the papers, and are the prime points of indexing, e.g., Lignite Deposits. Other classification terms are not difficult to understand but often are not the prime subjects of the papers; e.g., a paper specifically on Chattanooga Shales requires the second heading Shale Deposits, and a paper specifically on the Phosphoria Formation requires the second heading Phosphate Deposits. The subject indexer must remember to make this second entry for

the class. A third type of classification term presents to the cataloger, the requirement of understanding to an adequate degree the technical meaning and usage of the term, e.g., Placer Deposits, Copper-Uranium Sandstone Deposits, and Disseminated Deposits. These classification terms are defined and explained in Appendix A.

Headings for specific sites, geological formations, etc., are added to this list as the need arises and in most cases the names are entered as they are found in the reports being indexed. However, certain rules have been established for the form in which physiographic units and political areas are accepted as headings

a. Villages, towns, and cities are not entered as headings for the purpose of indexing by association. They are entered only if they are the subjects of reports.

b. States or provinces, and counties of the United States and Canada, are entered as headings in the form Idaho and Idaho (Shoshone Co.).

c. The foreign political equivalents of counties are not entered as headings, for countries other than Canada, but the countries and provinces, or their equivalents, are entered in the form Brazil and Brazil (Ceara)

d. Specific sites, physiographic units, and mining districts in the United States and Canada are entered in the form Coeur d'Alene District (Idaho) and Bear Claim (N. Mex.), that is, Site (State) or Area (State).

e. Specific sites, physiographic units, and mining districts in foreign countries other than Canada are entered in the form Pocos de Caldas Area (Brazil), that is, Site (Country) or Area (Country).

Reports of a general reconnaissance nature covering major portions of one or more states will be indexed only to the states, and not to specific counties in the form State (County), as in the past. The counties will be identified in the abstracts either specifically by name or in a general manner such as "northwestern Colo. and northeastern Utah." Reports which deal with a few specific sites will, as in the past, be indexed to the counties.

The program of special indexing for exploratory geology articles has resulted in the addition of a relatively large number of headings. These headings are also used for indexing other information where geographic location is of especial interest, e.g., fall-out information.

A

A. Lincoln Claim (Mont.)

x Lincoln Claim, A (Mont)

Abajo Mountains District (Utah)

Abdoun-Oulan Basin (Morocco)

see Oulan-Abdoun Basin (Morocco)

Abe Lincoln Mine (Ariz.)

Abiquin District (N. Mex.)

Ace Creek Prospect (Saskatchewan)

Ace Lake (Saskatchewan)

Ace Lake Area (Saskatchewan)

Ace Mine (Northwest Territories)

Achan Mine (Fla.)

Acme Claims (N. Mex.)

Adams-Ross Deposit (Alaska)

see Ross Adams Deposit (Alaska)

Addison's Flat (New Zealand)

Adirondack Mountains (N. Y.)

Africa

Agathla Peak Area (Ariz.)

Agathla Peak Quadrangle (Ariz.—Utah)

Alabama

(This heading may be modified by county in the form Alabama (Clay Co.))

Alabama (Blount Co.)

Alabama (Clay Co.)

Alabama (Jefferson Co.)

Aladdin Area (Wyo.)

Alamogordo

Alaska

Alaska Highway Belt (Alaska)

Alaska Railroad Region (Alaska)

Albuquerque Area (N. Mex.)

Algeria

Alhambra Fault (Idaho)

Alice Claim (Calif.)

Alice Claim (Colo.)

Alice Claim (Mont.)

Alice Claim (S. Dak.)

Alice District (Colo.)

Alice Fraction Prospect (Nev.)

Allan Weaver Prospect (Mont.)

Allegheny Formation

(Of Pennsylvanian age, found in Penna., eastern Ohio, W. Va., and western Md. and Va. This heading may be modified by location in the form Allegheny Formation (Penna.))

Allegheny Formation (Ohio)

Allegheny Formation (Penna.)

Allegheny Formation (W. Va.)

Alluvial Deposits

see Placer Deposits

Alma District (Colo.)

Almaden Mine (Colo.)

Alps Mountains (Europe)

Alta Mine (N. Mex.)

Alta Mine (Utah)

Altar Mesa (Ariz.)

Aluminum Phosphate Zone (Fla.)

Amarillo District (Texas)

see Panhandle Area (Texas)

Amasa Back Group (Utah)

Ambrosia Lake Area (N. Mex.)

American Eagle Group (Colo.)

American Eagle Mine (Colo.)

American Girl Mine (Colo.)

American Lignite Mine (Calif.)

American River Valley (Calif.)

Anaconda Area (Mont.)

Anderson Creek Area (Idaho)

Anderson Mesa Quadrangle (Colo.)

Andes Mountains (South America)

Aneth Quadrangle (Utah)

Angels Camp Area (Calif.)

Angola

(Portuguese West Africa)

Ann Arbor

Anna Bernice Claims (Ariz.)

Annie Creek Area (S. Dak.)

Annie Laurie Prospect (Ariz.)

Annie Mine (Colo.)

Antarctica

Antelope Mining District (Nev.)

Antler Claim (Utah)

Apache Mine (N. Mex.)

Apache Trail Claim (N. Mex.)

x Burro Mountain District (N. Mex.)

Apex Claims (Colo.)

Arabian Sea

Archaean Complex (Mexico)

Arctic Ocean

Arden Area (Nev.)

Argentina

(This heading may be modified in the form Argentina (Chubut Prov.))

Argentina (Mendoza Prov.)

Argentina (Neuquen Terr.)

Argentina (San Juan Prov.)

Argentine District (Colo.)

Argo Mine (Colo.)

Argonne Mine (Mont.)

Argonne Mine Area (Mont.)

Arikaree Formation

(This heading may be modified by location in the form Arikaree Formation (S. Dak.))

Arikaree Formation (Mont.)

Arikaree Formation (S. Dak.)

Arikaree Formation (Wyo.)

Arizona

(This heading may be modified by county in the form Arizona (Apache Co.))

Arizona (Apache Co.)

Arizona (Cochise Co.)

Arizona (Coconino Co.)

Arizona (Gila Co.)

Arizona (Graham Co.)

Arizona (Greenlee Co.)

Arizona (Maricopa Co.)

Arizona (Mohave Co.)

Arizona (Navajo Co.)

Arizona (Pima Co.)

Arizona (Pinal Co.)

Arizona (Santa Cruz Co.)

Arizona (Yavapai Co.)

Arizona (Yuma Co.)

Arizona Claim (Utah)

Arizona Consolidated Group (Ariz.)

see Betty Lee Group (Ariz.)

Arkansas

(This heading may be modified by county in the form Arkansas (Madison Co.))

Arkansas (Garland Co.)

Arkansas (Hot Spring Co.)

Arkansas (Newton Co.)

Arkansas (Pulaski Co.)

Armentrout Property (W. Va.)

Armeson—McKenney Property (Mont.)

Arqueros District (Chile)

Arturo Le Deux Property (N. Mex.)

Aspen Area (Colo.)

Asphaltic Deposits

see Carbon—Uranium Sandstone Deposits

Asphaltite Deposits

see Carbon—Uranium Sandstone Deposits

Atascosa Formation (Ariz.)

Athona Prospects (Saskatchewan)
 Atkinson Creek Quadrangle (Colo.)
 Atkinson Mesa (Colo.)
 Atkinson Mesa Area (Colo.)
 Atlanta District (Nev.)
 xx Atlanta Mine (Nev.)
 Atlanta Mine (Nev.)
 see also Atlanta District (Nev.)
 Atlantic Coastal Plain
 Atlantic Ocean
 Atlantic Ocean Beach
 (This heading may be modified by location in the form Atlantic Ocean Beach (Fla.))
 Atlantic Ocean Beach (Fla.)
 Atlantic Ocean Beach (Ga.)
 Atlantic Ocean Beach (N. C.)
 Atlantic Ocean Beach (S. C.)
 Atlantic Ocean Beach (Va.)
 Atom Claims (Ariz.)
 Atwater Bar (Alaska)
 Auburn Area (Wyo.)
 Austin Area (Nev.)
 Australia
 (This heading may be modified by territory or state in the form Australia (Northern Territory))
 Australia (Australian Capital Territory)
 Australia (New South Wales)
 Australia (Northern Territory)
 Australia (Papua Territory)
 x Papua Territory
 Australia (Queensland)
 Australia (South Australia)
 Australia (Tasmania)
 Australia (Victoria)
 Austria
 Avon Mica Area (Idaho)
 Avondale a Prospect (Penna.)
 Azores

B

B'Cla B'Toh District (Ariz.)
 x Beclabito District (Ariz.)
 Baca Formation (N. Mex.)
 Bachelor Canyon Workings (Colo.)
 Bachelor Draw Area (Colo.)
 Badger Mine (Colo.)
 Bailey Springs Prospect (N. C.)
 Balanced Rock Anticline (Utah)
 x Nokai Dome (Utah)
 Bald Eagle Mine (Colo.)
 Bald Mountain Area (S. Dak.)
 Bald Mountain Area (Wyo.)
 Bald Mountain Mining District (S. Dak.)
 Bald Rock Mine (N. C.)
 Balmat Area (N. Y.)
 Baltic Sea Basin
 Baltic Shield (Europe)
 Bancroft Region (Ontario)
 Bar H Area (S. Dak.)
 Barbara Jo Claims (Colo.)
 Barbee-Walker Mine Area (Utah)
 Barbers Hill Oil Field (Texas)
 Bardel Snow's Claim (Utah)
 Barium Lode Claim (Colo.)
 Barlow Creek District (Colo.)
 Barney Cockburn Mine (Utah)
 Baroquivari-Quinlan Mountains (Ariz.)
 see Quinlan-Baroquivari Mountains (Ariz.)
 Barrow Pit Area (Fla.)
 Barrytown (New Zealand)
 Basin-Boulder-Clancey Area (Mont.)

Bates Creek Area (Colo.)
 Batesville District (Ark.)
 Bavaria
 see Germany (Bavaria)
 Bayview Area (Idaho)
 Beal-Porter Patented Property (Utah)
 see Porter-Beal Patented Property (Utah)
 Bear Claim (N. Mex.)
 Bear Claims (Utah)
 Bear Creek Area (Alaska)
 Bear Creek Mine (Colo.)
 Bear Exploration and Radium Co. Group (Northwest Territories)
 Bear Lodge Manganese Area (Wyo.)
 Bear Lodge Mountains District (Wyo.)
 Bear Mountain Area (N. Y.)
 Bear River Formation
 (This heading may be modified by location in the form Bear River Formation (Idaho))
 Bear River Formation (Idaho)
 Bear River Formation (Wyo.)
 Bear River Region (Idaho)
 Bear River Region (Utah)
 Bear River Region (Wyo.)
 Bear Valley District (Idaho)
 see also Big Meadow Area (Idaho)
 x Central Bear Valley (Idaho)
 Lower Bear Valley (Idaho)
 Beatty Area (Nev.)
 Beaulieu Area (Northwest Territories)
 Beaver Creek Area (Colo.)
 Beaver Creek District (Utah)
 Beaver Creek Placer Area (Idaho)
 Beaver Mesa Area (Colo.-Utah)
 Beaverdam Creek Area (N. C.)
 Beaverlodge Lake Area (Saskatchewan)
 Beaverlodge Lake District (Northwest Territories)
 Beavertown Ranch (Mont.)
 Becenti Mine (N. Mex.)
 Bechuanaland Protectorate
 (British South Africa)
 Beclabito District (Ariz.)
 see B'Cla B'Toh District (Ariz.)
 Bedford Quarries (N. Y.)
 Bee Tree No. 1 Mine (N. C.)
 Beecher Lode (S. Dak.)
 Belcher-German Mine (Colo.)
 see German-Belcher Mine (Colo.)
 Belen-Bernardo Area (N. Mex.)
 Belgian Congo
 see Congo Republic
 Belgium
 (This heading may be modified by province in the form Belgium (West Flanders))
 Belgium (Antwerp)
 Bell Hill Claim (Utah)
 Bell Hill Mine (Utah)
 Bell Hill Property (Utah)
 Bell Locality (Utah)
 Bell Mine (Utah)
 Bellevue-Rochester Mine (Colo.)
 Belmont-Clifton Group (Colo.)
 Belmonte District (Portugal)
 Ben Creek Area (Alaska)
 Bengal Bay
 Benny K Claims (Utah)
 Benson Mines (N. Y.)
 Benton Formation (N. Dak.)
 Bermuda
 Bernardo-Belen Area (N. Mex.)
 see Belen-Bernardo Area (N. Mex.)

Beryl Deposits*(This heading may be modified geographically in the form Beryl**Deposits (S. Dak.).)***Beryl Deposits (Brazil)****Beryl Deposits (Colo.)****Beryl Deposits (Conn.)****Beryl Deposits (S. Dak.)****Beryl Deposits (Soviet Union)****Beryl Deposits (U.S.)****Beryllium Deposits***(This heading may be modified geographically in the form Beryl-**lium Deposits (Ariz.).)***Beryllium Deposits (Arizona)****Beryllium Deposits (Calif.)****Beryllium Deposits (Colo.)****Beryllium Deposits (Maine)****Beryllium Deposits (Mont.)****Beryllium Deposits (Nev.)****Beryllium Deposits (N. H.)****Beryllium Deposits (N. Mex.)****Beryllium Deposits (N. C.)****Beryllium Deposits (S. Dak.)****Beryllium Deposits (U.S.)****Bessie No. 1 Claim (Colo.)****Best End Claim (Utah)****Betty Claim (S. Dak.)****Betty Lee Group (Ariz.)***x Arizona Consolidated Group (Ariz.)***Beulah Area (N. Dak.)****Bidwell Claim (Colo.)****Big Bend National Park (Texas)****Big Boulder Prospect (Colo.)****Big Buck Area (Utah)****Big Buck Mine (Utah)****Big Casino Claim (Colo.)****Big Chief Mica Mine (Wyo.)****Big Creek Area (Alaska)****Big Creek Placer Area (Idaho)****Big Deer Creek Region (Idaho)****Big Generostee Creek Area (S. C.)****Big Hill Claim (Utah)****Big Hole Group (Utah)****Big Hole Mine (Utah)****Big Horn Basin (Mont. — Wyo.)****Big Horn Mountain Area (Mont. — Wyo.)****Big Indian District (Utah)****Big Indian Mine (Utah)****Big Indian Wash Area (Utah)****Big Meadow Area (Idaho)***xx Bear Valley District (Idaho)***Big Rock Candy Mountain (Utah)****Big Rock Candy Mountain Area (Utah)****Big Spar No. 1 Mine (S. Dak.)****Big Star Alunite Mine (Utah)****Bikini Atoll****Birch Creek Area (Alaska)***see Ruby Quadrangle (Alaska)***Birch Creek District (Idaho)****Birch Spring Prospect (Utah)****Bird Spring Formation (Nev.)***(Of Pennsylvanian age in southeastern Nev.)***Bird Spring Mountains (Nev.)****Birthday Claims (Calif.)****Bisbee District (Ariz.)****Bishop Area (Calif.)****Bishop Claims (Calif.)****Bitter Creek Group (Colo.)****Bitterroot Valley (Mont.)****Black Brush Claims (Ariz.)****Black Creek Valley Area (Ariz.)****Black Dinah Mine (Colo.)****Black Dyke Deposit (Ariz.)****Black Dyke Prospect (Ariz.)****Black Eagle Mine (Colo.)****Black Forest (Germany)****Black Hawk Claims (Colo.)***x Copper King Mine (Colo.)***Black Hawk Claims Area (Colo.)****Black Hawk District (N. Mex.)****Black Hill Claim (Utah)****Black Hills (S. Dak.)***see also Northern Black Hills (S. Dak.)**Southern Black Hills (S. Dak.)***Black Hills (U. S.)****Black Hills (Wyo.)***see Northern Black Hills (Wyo.)***Black Jack Claim (Colo.)****Black King Claims (Colo.)****Black King 5 Claims (Colo.)****Black King Prospect (Colo.)****Black Mesa Area (Ariz.)****Black Mountain Claims (Ariz.)****Black Mountain Mine (Maine)****Black Mountain—Yale Point Area (Ariz.)****Black Range (N. Mex.)****Black Rock District (Ariz.)****Black Sands***(This heading may be modified by location in the form Black Sands**(Calif.).)***Black Sands (Calif.)****Black Sands (Idaho)****Black Sands (India)****Black Sands (U.S.)****Black Sands Area (New Zealand)****Black Sea****Black Shales***(This heading may be modified by location in the form Black Shales**(Okla.).)***Blackbird District (Idaho)****Blackfoot Narrows (Idaho)****Blake Mine (Colo.)****Blanding—Bluff District (Utah)****Blanding District (Utah)****Blas Medina Property (N. Mex.)****Blind River Area (Canada)****Blind River Reefs (Union of South Africa)****Bliss Pasture Group (Utah)****Block 3 (Tenn.)***see Tennessee Block 3***Bloomington Canyon (Idaho)****Blowout Claim (Utah)****Blowout Claim (Wyo.)****Blue Bird Claims (Nev.)****Blue Bird Claims (Utah)***see Oiler Tunnel (Utah)***Blue Bird Mine (Colo.)****Blue Bird Mine (N. Mex.)****Blue Butte Area (Ariz.)****Blue Buttes (Mont.)****Blue Buttes Area (Mont.)****Blue Creek Group (Colo.)****Blue Hill Claims (Utah)****Blue House Mountain Quadrangle (Ariz.)****Blue Jay Claim (N. Mex.)****Blue Jay Claim (Utah)****Blue Jay Mine (Colo.)****Blue Mesa (Colo.)****Blue Peak Area (N. Mex.)****Blue Peak Mine (N. Mex.)****Bluff—Blanding District (Utah)***see Blanding—Bluff District (Utah)***Bluff Quadrangle (Utah)****Blythe Area (Calif.)****Bob Cat Claims (Wyo.)****Bob Cat Mine (Colo.)**

Bob Ingersoll Mine (S. Dak.)
 Bobby Cain Mine (Colo.)
 Bobtail Mine (Ariz.)
 Bock Claim (N. Mex.)
 Boerlin Ranch Area (Nev.)
 Bogus Tongue Member (Utah)
 Bohemia-Erz Gebirge Area (Germany)
 see Erz Gebirge-Bohemia Area (Germany)
 Boise Area (Idaho)
 Boise Basin (Idaho)
 Boise Basin-Garden Valley (Idaho)
 Boko-Songo Valley (Congo Republic)
 Bolger Prospect (Saskatchewan)
 Bolivia
 Bolton Plantation (S.C.)
 Bomi Hills Area (Liberia)
 Bon Ton Mine (Colo.)
 Bonanza Creek (Alaska)
 Bonanza Mining District (Colo.)
 Bone Valley Formation
 (This heading may be modified by location in the form Bone Valley Formation (Fla.))
 Bone Valley Formation (Fla.)
 Bonniebell Claims (Utah)
 Bonny Lake Mine (Fla.)
 Boomer Property-Camp Smith Area (N. Y.)
 see Camp Smith-Boomer Property Area (N. Y.)
 Boot Mesa Area (Ariz.)
 Boot Mesa Quadrangle (Ariz.-Utah)
 Boss Mine (Nev.)
 Boulder-Basin-Clancey Area (Mont.)
 see Basin-Boulder-Clancey Area (Mont.)
 Boulder Batholith (Mont.)
 Boulder County Tungsten District (Colo.)
 Boulder Mining District (Mont.)
 Boundary Region (Alaska)
 Bow Knot Area (Utah)
 Box Canyon Mining District (Colo.)
 Boyette Mine (Fla.)
 Bozo No. 1 Claim (Colo.)
 Bracken Property (Ariz.)
 Bradford Canyon Group (Utah)
 Brassfield Shales (Tenn.)
 Brazer Canyon (Utah)
 Brazer Limestone
 (Found in N E Utah, E & S. Central Idaho, and S. W. Wyo. This heading may be modified by location in the form Brazer Limestone (Idaho).)
 Brazer Limestone (Idaho)
 Brazil
 (This heading may be modified geographically in the form Brazil (Ceara))
 Brazil (Bafá)
 Brazil (Ceara)
 Brazil (Minas Gerais)
 Brazil (Paraíba)
 Brazil (Rio Grande do Norte)
 Breathitt Formation
 (This heading may be modified by location in the form Breathitt Formation (Ky.))
 Breathitt Formation (Ky.)
 Breathitt Formation (W. Va.)
 Breckenridge District (Colo.)
 Brewster Area (Fla.)
 see Land-Pebble Phosphate District (Fla.)
 Bridger Basin (Wyo.)
 Bridger Formation (Wyo.)
 Bridger Jack Mesa (Utah)
 Brigham Group (Ariz.)
 British Columbia
 British Somaliland
 see Somalia

British West Indies
 see West Indies
 Brits District (Union of South Africa)
 Broad Mouth Creek Area (S. C.)
 Broad River Area (S. C.)
 Broken Shoe Deposit (Utah)
 Brooke Mine (Colo.)
 Brooks Mountain Area (Alaska)
 Brown Bear Claim (Mont.)
 Brown Derby Mine (Colo.)
 Brown Mule Claim (Utah)
 Brown Throne Group (Utah)
 Browns Hole-La Sal Junction Group (Utah)
 Browns Park Formation
 (This heading may be modified by location in the form Browns Park Formation (Wyo.))
 Browns Park Formation (Colo.)
 Browns Park Formation (Utah)
 Browns Park Formation (Wyo.)
 Brule Formation
 (Oligocene; of western Neb. and S. Dak., northeastern Colo., and eastern Wyo. This heading may be modified by location in the form Brule Formation (Colo.))
 Brule Formation (Neb.)
 Brule Formation (S. Dak.)
 Brumley Ridge Group (Utah)
 Brun's Prospect (Wyo.)
 Brushy Basin Member
 (This heading may be modified by location in the form Brushy Basin Member (Colo.))
 Brushy Basin Member (Colo.)
 Brushy Basin Member (N. Mex.)
 Brushy Basin Member (Utah)
 Brushy Basin No. 1 Open Pit (Colo.)
 Brushy Basin No. 3 Open Pit (Colo.)
 Buckeye Reef (Utah)
 Buckhorn Claims (Calif.-Nev.)
 Buckhorn Group (Utah)
 Buckhorn Mica Mine (Colo.)
 x Emerald Gem Claim (Colo.)
 Buckland-Kiwalik District (Alaska)
 Buckley Mine (Colo.)
 Buckman Deposits (Colo.)
 Buckman Property (Colo.)
 Buckmaster Claims (Utah)
 Buckskin Gulch Quadrangle (Ariz.-Utah)
 Bucky Claim (Colo.)
 Buddy Mine (Utah)
 Budleigh Salterton Area (England)
 Buffalo Claims (Idaho)
 Buffalo Creek Area (S. C.)
 Buffalo Creek Placer Deposits (N. C.)
 Buhovo Area (Bulgaria)
 see Goten Area (Bulgaria)
 Bulgaria
 Bull Canyon Area (Ariz.)
 Bull Canyon District (Colo.)
 Bull Canyon Quadrangle (Colo.)
 Bull Frog Claim (Colo.)
 Bull Rush Claims (Wyo.)
 Bullion Butte (N. Dak.)
 Bullion Butte Area (N. Dak.)
 Bullion Mine (Colo.)
 Bullion Mine (Mont.)
 Bullion Monarch Mine (Utah)
 Bulloch Group (Utah)
 see also Jeanie Group (Utah)
 Lynn Group (Utah)
 xx Jeanie Group (Utah)
 Lynn Group (Utah)
 Orderville Gulch Area (Utah)
 Bullsnake Claim (Calif.)

Bulow Tract (S. C.)
 Bunker Hill Mine (Idaho)
 Burch Canyon Area (Utah)
 Burdock Quadrangle (S. Dak.)
 Burgdorf Area (Idaho)
 Burlington Mine (Colo.)
 Burma
 Burnt Fork Area (Wyo.)
 Burrell Group Drilling Area (Colo.)
 Burrell Mine (Colo.)
 Burro Canyon Formation

(This heading may be modified by location, in the form Burro Canyon Formation (Colo.))

Burro Canyon Formation (Colo.)
 Burro Canyon Formation (Utah)
 Burro Claim (Colo.)
 Burro Claim Area (Colo.)
 Burro Mountain District (N. Mex.)

see Apache Trail Claim (N. Mex.)

Busfield Claims (Wyo.)
 Bussen's Quarry (Mo.)
 Butcher Hollow (Penna.)
 Butler Wash Group (Utah)
 Butte Area (Mont.)
 Buzzy Claim (Colo.)

C

C. E. Gilliland Claims (N. Mex.)
 C. F. C. Mine (Colo.)
 "C" Group Area (Utah)
 Cabeco Alto Concession (Portugal)
see Lameirao Concession (Portugal)
 Cable Mine Claim (Colo.)
 Cache Creek Area (Alaska)
 Cacti Claim (Colo.)
 Cactus Rat Group (Utah)
 Calamity Claims Area (Colo.)
 Calamity District (Colo.)
 Calamity Group (Colo.)
 Calamity Mesa (Colo.)
 Calamity Mesa Quadrangle (Colo.)
 Calf Mesa (Utah)
 Calf Mesa Area (Utah)
 Calhoun Mine (Colo.)
 Calico Bluff Formation (Alaska)
 Caliente Area (Nev.)
 California

(This heading may be modified by county in the form California (Kern Co.))

California (Alameda Co.)
 California (Amador Co.)
 California (Calaveras Co.)
 California (Fresno Co.)
 California (Imperial Co.)
 California (Inyo Co.)
 California (Kern Co.)
 California (Lassen Co.)
 California (Los Angeles Co.)
 California (Madera Co.)
 California (Modoc Co.)
 California (Mono Co.)
 California (Monterey Co.)
 California (Orange Co.)
 California (Plumas Co.)
 California (Riverside Co.)
 California (San Benito Co.)
 California (San Bernardino Co.)
 California (San Diego Co.)
 California (San Mateo Co.)
 California (Santa Cruz Co.)
 California (Stanislaus Co.)

California (Tuolumne Co.)
 California Claim (N. Mex.)
 California Mine (Colo.)
 California Molybdenum Mine (Colo.)
 Caloosahatchee Marl (Fla.)
 Calyx Mines (Utah)
 Cameron Area (Ariz.)
 Camp Bird Mine (Utah)
 Camp Creek Placer Area (Idaho)
 Camp Smith-Boomer Property Area (N. Y.)
 x Boomer Property-Camp Smith Area (N. Y.)
 Camp Vanura Group (Utah)
 Campbell Dike Occurrence (Ariz.)
 Camray Property (Ontario)
 Canada

(See also headings for the specific provinces)

Canadian Escarpment (N. Mex.)
 Canadian Shield
 Canagau Prospect (Ontario)
 Canary Bird Claims (Utah)
 Canary Group (Utah)
 Canavieiras Mine Area (Brazil)
 Candle Creek Area (Alaska)
 Candy and Cake Claims (Calif.)
 Cane Canyon Claims (Utah)
 Cane Springs Canyon (Utah)
 Canfield Phosphate Mine (N. J.)
 Cannonball Formation (N. Dak.)
 Canon City Embayment Area (Colo.)
 Canyon Claim (Colo.)
 Canyon De Chelly Area (Ariz.)
 Canyon Ferry Quadrangle (Mont.)
 Canyon Group (Colo.)
 Canyon No. 3 Group (Colo.)
 Cape Mountain Area (Alaska)
 Cape Nome Area (Alaska)
 Cape Seppings-Cape Thompson Area (Alaska)
see Cape Thompson-Cape Seppings Area (Alaska)
 Cape Thompson-Cape Seppings Area (Alaska)
 Cape Yakataga-Point Whittshed Area (Alaska)
see Point Whittshed-Cape Yakataga Area (Alaska)
 Capitan Area (N. Mex.)
 Capitol Reef Area (Utah)
 x Capitol Reef-Circle Cliffs Area (Utah)
 Capitol Reef-Circle Cliffs Area (Utah)
see Capitol Reef Area (Utah)
 Circle Cliff Area (Utah)
 Captain Claim Area (Colo.)
 Carbon-Uranium Sandstone Deposits

(This heading may be modified geographically in the form Carbon-Uranium Sandstone Deposits (U. S.))

x Asphaltic Deposits
 Asphaltite Deposits
 Uranium Sandstone Deposits
 Carbon-Uranium Sandstone Deposits (Argentina)
 Carbon-Uranium Sandstone Deposits (Ariz.)
 Carbon-Uranium Sandstone Deposits (Belgium)
 Carbon-Uranium Sandstone Deposits (Calif.)
 Carbon-Uranium Sandstone Deposits (Colo.)
 Carbon-Uranium Sandstone Deposits (Colo. Plateau)
 Carbon-Uranium Sandstone Deposits (Ind.)
 Carbon-Uranium Sandstone Deposits (Nev.)
 Carbon-Uranium Sandstone Deposits (N. Mex.)
 Carbon-Uranium Sandstone Deposits (Oreg.)
 Carbon-Uranium Sandstone Deposits (S. Dakota)
 Carbon-Uranium Sandstone Deposits (U. S.)
 Carbon-Uranium Sandstone Deposits (Utah)
 Carbon-Uranium Sandstone Deposits (Wyo.)
 Carbonaceous Shale Deposits

(This heading may be modified geographically in the form Carbonaceous Shale Deposits (Idaho))

xx Shale Deposits

Carbonaceous Shale Deposits (Colo.)
 Carbonaceous Shale Deposits (Idaho)
 Carbonaceous Shale Deposits (Ind.)
 Carbonaceous Shale Deposits (Mont.)
 Carbonaceous Shale Deposits (N. Mex.)
 Carbonaceous Shale Deposits (Penna.)
 Carbonaceous Shale Deposits (Soviet Union)
 Carbonaceous Shale Deposits (U. S.)
 Carbonaceous Shale Deposits (W. Va.)
 Carbonaceous Shale Deposits (Wyo.)
 Carbonate Claim (Mont.)
 Carbondale Formation
(Pennsylvanian, of Ill. and western Ky. This heading may be modified by location in the form Carbondale Formation (Ill.).)
 Carbondale Formation (Ill.)
 Cargo-Muchacho Mountain Area (Calif.)
 Caribou District (Colo.)
 Caribou Mine (Colo.)
 Caribou Mine (Northwest Territories)
 Caribou Mountains (Idaho)
 Carlile Deposits (Wyo.)
 Carlile Mine (Wyo.)
 Carlile Quadrangle (Wyo.)
 Carlisle Quadrangle (Utah)
 Carmel Formation
(This heading may be modified by location in the form Carmel Formation (Utah).)
 xx San Rafael Group
 Carmel Formation (Colo.)
 Carmel Formation (Utah)
 Carnotite Claims (Mont.)
 Carnotite Deposits
(This heading may be modified geographically in the form Carnotite Deposits (Colo.).)
 Carnotite Deposits (Ariz.)
 Carnotite Deposits (Nev.)
 Carnotite Deposits (Penna.)
 Carnotite Deposits (S. Dakota)
 Carnotite Deposits (Utah)
 Carolina Mineral No. 20 Mine (N. C.)
 Caroline Islands
 Carpenter Mine (Colo.)
 Carpenter Ridge District (Colo.)
 Carrizal Alto District (Chile)
 Carrizo Arroyo Area (N. Mex.)
 Carrizo Mountains (Ariz.—N. Mex.—Utah)
 x Northwest Carrizo Area
 Carrizo Uplift Area (Ariz.)
 Carrizozo Area (N. Mex.)
 Carroll Mine (Colo.)
 Carson Hill Area (Calif.)
 Carthage Area (N. Mex.)
 Cascade Springs Quadrangle (S. Dak.)
 Cascade Valley (Idaho)
 Casey Lease (Colo.)
 Caseyville Sandstone
(Pennsylvanian, of western Ky. and southeastern Ill. This heading may be modified by location in the form Caseyville Sandstone (Ill.).)
 Caseyville Sandstone (Ill.)
 Cashiers District (N. C.)
 Cashin Mine (Colo.)
 Casner Creek Deposits (Idaho)
 Casper Mountain Area (Wyo.)
 Castelo Branco District (Portugal)
see Portugal (Beira Baixa)
 Castile Formation (N. Mex.—Tex.)
 Castle Butte Quadrangle (Calif.)
 Castle Dale Quadrangle (Utah)
 Castle Mountains (Mont.)
 Castle Peak Draw Area (Utah)
 Castle Valley Area (Utah)
 Catalina Mountains (Ariz.)

Cataract Canyon Area (Utah)
 Catawba River Area (N. C.)
 Catawba River—Savannah River District (N. C.—S. C.)
 xx Savannah River Area (S. C.)
 Catherine Claim (Ariz.)
 Cato Sells Mine (Ariz.)
 Catskill Formation
(Upper and Middle Devonian and carboniferous of N. Y., Penna., Md., and Va. This heading may be modified by location in the form Catskill Formation (Penna.).)
 Catskill Formation (Penna.)
 Cave Hills Area (S. Dak.)
 x North Cave Hills (S. Dak.)
 South Cave Hills (S. Dak.)
 Cebolla Mining District (Colo.)
 Cedar Canyon (S. Dak.)
 Cedar Creek Area (Mont.)
 Cedar Mesa Sandstone (Utah)
 Cedar Mountain Area (Utah)
 Cedar Mountain Formation
(This heading may be modified by location, in the form Cedar Mountain Formation (Colo.).)
 Cedar Mountain Formation (Utah)
 Cedar Ridge Mine (Colo.)
 Centennial Range (Idaho—Mont.)
 Central America
 Central Basin Platform (N. Mex.)
 Central Bear Valley (Idaho)
see Bear Valley District (Idaho)
 Central City District (Colo.)
 Cerrillos Mining District (N. Mex.)
 Ceylon
 Chaco Canyon Quadrangle (N. Mex.)
 Chacra Mesa (N. Mex.)
 Chadron Formation
(Oligocene, western Neb. and S. Dak., eastern Wyo., and northeastern Colo. This heading may be modified by location in the form Chadron Formation (Colo.).)
 Chadron Formation (Neb.)
 Chadron Formation (S. Dak.)
 Chalk Mountain Mine (Nev.)
 Chalky Buttes Area (N. Dak.)
 Chama-Monero Area (N. Mex.)
 Chandalar District (Alaska)
 Chaperito-Sabinoso Area (N. Mex.)
 Charles No. 2 Claim (Utah)
 Charles T. Area (Colo.)
 Charles T. Claims (Colo.)
 Charles T. Group (Colo.)
 Chatanika River Area (Alaska)
 Chattahoochee River District (Ga.)
 Chattanooga Shale
(This heading may be modified by location in the form Chattanooga Shale (Tenn.).)
see also Cassaway Member
 Chattanooga Shale (Ala.)
 Chattanooga Shale (Ga.)
 Chattanooga Shale (Ky.)
 Chattanooga Shale (Ky.—Tenn.)
 Chattanooga Shale (Tenn.)
 Chattanooga Shale (U.S.)
 Cheddar Area (Ontario)
 Cherokee Creek Area (S. C.)
 Cherokee Mine (Colo.)
 Cherry Creek Area (Ariz.)
 Cherry Creek Mine (Colo.)
 Chestnut Hill Area (Penna.)
 Chicago
 Chicago Creek Area (Colo.)
 Chichagof Area (Alaska)
 Chicken Area (Alaska)

Chicken Creek Area (Alaska)

see Iditarod Quadrangle (Alaska)

Chico Hills Area (N. Mex.)

Chilchinbeto Area (Ariz.)

Chilchinbeto Deposit (Ariz.)

Chile

(This heading may be modified by province in the form Chile (Coquimbo))

Chile (Coquimbo)

Chiloe Island (Chile)

Chilson Canyon Area (S. Dak.)

Chilson Prospect (Calif.)

China

(This heading may be modified by province in the form China (Hunan Prov.))

China (Hunan Prov.)

Chinle Formation

(Upper Triassic, northern Ariz., southern Utah, southwestern Nev., and Colo., and northern N. Mex. This heading may be modified by location in the form Chinle Formation (Utah))

Chinle Formation (Ariz.)

Chinle Formation (Ariz.—Utah)

Chinle Formation (Colo.)

Chinle Formation (U.S.)

Chinle Formation (Utah)

Chinle-Pinto Area (Ariz.)

see Pinto—Chinle Area (Ariz.)

Chisana District (Alaska)

Chloride Chief Claim (Utah)

Chugwater Formation

(Triassic and Permian of Wyo. and central southern Mont. This heading may be modified by location in the form Chugwater Formation (Wyo.))

Chugwater Formation (Wyo.)

Church Rock Area (N. Mex.)

Chuska Mountains Area (Ariz.)

Chuska Mountains Area (N. Mex.)

Cimarron Creek Area (Colo.)

Cimarron River Valley Area (N. Mex.—Okla.)

Cindy Mine (Colo.)

Circle Cliff Area (Utah)

x Capitol Reef—Circle Cliffs Area (Utah)

Circle Cliffs Quadrangle (Utah)

Circle Hot Springs Area (Alaska)

Cisco District (Utah)

Cistern Canyon Annex Area (Utah)

City Slicker Claim (Colo.)

Claire Marie Mine (Colo.)

Clancey—Basin—Boulder Area (Mont.)

see Basin—Boulder—Clancey Area (Mont.)

Clancey Creek Area (Mont.)

Clancey Mining District (Mont.)

Clara Claim (S. Dak.)

Clark Fork Area (Idaho)

Clark Mountain Mining District (Calif.)

Clark Prospect (Mexico)

Clark Quicksilver Property (Mexico)

Clarks Fork River Area (Wyo.)

Clarkson-Hiland Hill Area (Wyo.)

see Hiland-Clarkson Hill Area (Wyo.)

Clay Deposits

(This heading may be modified by location in the form Clay Deposits (Wyo.))

Clay Deposits (Alaska)

Clay Deposits (Colo.—Utah)

Clay Deposits (N. J.)

Clay Deposits (Penna.)

Clay Deposits (Soviet Union)

Clay Deposits (Utah)

Clay Deposits (Va.)

Clay Deposits (W. Va.)

Clay Deposits (Wyoming)

Clay Gulch Area (Utah)

Clay Hills Quadrangle (Utah)

Clear Creek Area (Alaska)

Clear Spring Area (Fla.)

Clear Water Area (Fla.)

Cleary Hill Mine (Alaska)

Clem Mountain Area (Alaska)

Cliff Canyon Claim (Ariz.)

Cliff House Group (Utah)

Clifford Smith Claim (Utah)

Clifton-Belmont Group (Colo.)

see Belmont—Clifton Group (Colo.)

Clifton Claims (Utah)

Clifton Quadrangle (S. Dak.—Wyo.)

Climax Area (Nev.)

Climax Claims (Utah)

Climax Mica Mine (S. Dak.)

Clinch River

Clinton Area (N. J.)

see Mulligan Quarry (N. J.)

Clinton Formation

(This heading may be modified by location in the form Clinton Formation (N. Y.))

Clinton Formation (N. Y.)

Cloncurry District (Australia)

Cloverly Formation

(This heading may be modified by location in the form Cloverly Formation (Mont.))

Cloverly Formation (Mont.)

Cloverly Formation (Wyo.)

Club Group (Colo.)

Club Mesa (Colo.)

Club Mesa Locality (Colo.)

see Uruan District (Colo.)

Coach Creek Quadrangle (Colo.—Utah)

Coal Bed Canyon Group (Utah)

Coal Canyon (S. Dak.)

Coal Canyon (Wyo.)

Coal Canyon Area (S. Dak.)

Coal Craven Area (S. Dak.)

Coal Creek Anticline (Colo.)

Coal Deposits

(This heading may be modified geographically in the form Coal Deposits (Wyo.))

Coal Deposits (Alaska)

Coal Deposits (Ariz.)

Coal Deposits (Calif.)

Coal Deposits (Colo.)

Coal Deposits (Idaho)

Coal Deposits (Ill.)

Coal Deposits (Ind.)

Coal Deposits (Ky.)

Coal Deposits (Mont.)

Coal Deposits (Nev.)

Coal Deposits (N. Mex.)

Coal Deposits (Ohio)

Coal Deposits (Okla.)

Coal Deposits (Oreg.)

Coal Deposits (Penna.)

Coal Deposits (U. S.)

Coal Deposits (Utah)

Coal Deposits (Va.)

Coal Deposits (W. Va.)

Coal Deposits (Wyo.)

Coaldale Area (Nev.)

Cobb-Leeds Mine Area (Utah)

see Leeds—Cobb Mine Area (Utah)

Cobre Basin Group (N. Mex.)

Cochetopa Area (Colo.)

Cochetopa Mining District (Colo.)

Cocks Comb Prospect (Utah)

Coconino Sandstone

(Permian, in northern Ariz., southern Utah, and southeastern Nev.)

This heading may be modified by location in the form Coconino Sandstone (Utah.)

Coconino Sandstone (Utah)
Coeur D'Alene District (Idaho)
Coleen River Area (Alaska)
Colfax Sill Area (N. Mex.)
Collapse Area (Utah)
Collins, Wesley R., Property (Calif.)
Colombia
Coloradium Mine (Colo.)
Colorado

(This heading may be modified by county in the form Colorado (Baca Co.))

Colorado (Adams Co.)
Colorado (Alamosa Co.)
Colorado (Arapahoe Co.)
Colorado (Archuleta Co.)
Colorado (Baca Co.)
Colorado (Bent Co.)
Colorado (Boulder Co.)
Colorado (Chaffee Co.)
Colorado (Cheyenne Co.)
Colorado (Clear Creek Co.)
Colorado (Conejos Co.)
Colorado (Costilla Co.)
Colorado (Crowley Co.)
Colorado (Custer Co.)
Colorado (Delta Co.)
Colorado (Denver Co.)
Colorado (Dolores Co.)
Colorado (Douglas Co.)
Colorado (Eagle Co.)
Colorado (El Paso Co.)
Colorado (Elbert Co.)
Colorado (Fremont Co.)
Colorado (Garfield Co.)
Colorado (Gilpin Co.)
Colorado (Grand Co.)
Colorado (Gunnison Co.)
Colorado (Hinsdale Co.)
Colorado (Huerfano Co.)
Colorado (Jackson Co.)
Colorado (Jefferson Co.)
Colorado (Kiowa Co.)
Colorado (Kit Carson Co.)
Colorado (La Plata Co.)
Colorado (Lake Co.)
Colorado (Larimer Co.)
Colorado (Las Animas Co.)
Colorado (Lincoln Co.)
Colorado (Logan Co.)
Colorado (Mesa Co.)
Colorado (Mineral Co.)
Colorado (Moffat Co.)
Colorado (Montezuma Co.)
Colorado (Montrose Co.)
Colorado (Morgan Co.)
Colorado (Otero Co.)
Colorado (Ouray Co.)
Colorado (Park Co.)
Colorado (Phillips Co.)
Colorado (Pitkin Co.)
Colorado (Prowers Co.)
Colorado (Pueblo Co.)
Colorado (Rio Blanco Co.)
Colorado (Rio Grande Co.)
Colorado (Routt Co.)
Colorado (Saguache Co.)
Colorado (San Juan Co.)
Colorado (San Miguel Co.)
Colorado (Sedgwick Co.)
Colorado (Summit Co.)

Colorado (Teller Co.)
Colorado (Washington Co.)
Colorado (Weld Co.)
Colorado (Yuma Co.)
Colorado Front Range (Colo.)
Colorado Plateau

(This heading may be modified by state in the form Colorado Plateau (Colo.))

Colorado Plateau (Ariz.)
Colorado Plateau (Colo.)
Colorado Plateau (Utah)
Colorado River Basin (Utah)
Columbia River
Columbine Prospect (Colo.)
Comb Ridge Fold District (Utah)
Combination Claim (N. Mex.)
Comet Area (Mont.)
Comet Mine (Mont.)
Commercial Mine (Colo.)

see Surprise Mine (Colo.)

Comobabi Mountains (Ariz.)
Comstock Group (Mont.)
Cone Group (Colo.)
Conemaugh Formation

(Pennsylvanian; of Penna., western Md., eastern Ohio, and northern W. Va. This heading may be modified by location in the form Conemaugh Formation (Penna.))

Conemaugh Formation (Ohio)
Conemaugh Formation (Penna.)
Conemaugh Formation (W. Va.)
Confusion Claim (Utah)
Congo Republic
Congo Republic (Equator)
Congo Republic (Kasai)
Congo Republic (Katanga)
Congo Republic (Kivu)
Congo Republic (Leopoldville)
Congo Republic (Oriental)
Congo Republic, Brazzaville
Connecticut

(This heading may be modified by county in the form Connecticut (Litchfield Co.))

Connecticut (Middlesex Co.)
Connolly Creek Area (Alaska)
Consolidated Claims (Utah)
Contact Lake (Northwest Territories)
Contact No. 4 Claim (Colo.)
Continental No. 1 Mine (Utah)
Cook Property (Colo.)
Cool Springs Prospect (Ala.)
Cooney Hills (Wyo.)
Copper Blossom Group (Utah)
Copper Blush Mine (Colo.)
Copper Canyon District (Ariz.-Utah)
Copper Chief Mine (Nev.)
Copper City Group (N. Mex.)
Copper Creek Lode Prospect (Alaska)
Copper King Claim (Wyo.)
Copper King Mine (Colo.)

see Black Hawk Claims (Colo.)

Copper River Area (Alaska)
Copper Squaw Mine (Ariz.)
see Copper Chloride-Copper Sulfide Systems
Copper-Uranium Deposits

see Copper-Uranium Sandstone Deposits

Copper-Uranium Sandstone Deposits

(This heading may be modified geographically in the form Copper-Uranium Sandstone Deposits (Utah.))

x Copper-Uranium Deposits
Uranium Sandstone Deposits
xx Sandstone Deposits

Copper-Uranium Sandstone Deposits (Argentina)

Copper-Uranium Sandstone Deposits (Arizona)

Copper-Uranium Sandstone Deposits (Ariz.-Utah)
 Copper-Uranium Sandstone Deposits (Colorado)
 Copper-Uranium Sandstone Deposits (New Jersey)
 Copper-Uranium Sandstone Deposits (N. Mex.)
 Copper-Uranium Sandstone Deposits (Nova Scotia)
 Copper-Uranium Sandstone Deposits (Spain)
 Copper-Uranium Sandstone Deposits (U.S.)
 Copper-Uranium Sandstone Deposits (Utah)
 Copper-Vanadium Group (Colo.)
 Copperopolis Area (Calif.)
 Cordilleran Foreland Region
 Cornwall (England)

see England (Cornwall)

Corral Creek Placer Area (Idaho)
 Cortez Quadrangle (Colo.)

Corvusite Mine (Utah)

Coso Formation (Calif.)

Coso Mining District (Calif.)

Costa Rica

Cosumnes River Valley (Calif.)

Cottonwood Claims (Nev.)

Cottonwood Mining District (Utah)

Cougar Claim (Colo.)

Council District (Alaska)

Counts Property (Mont.)

Courtney Mine (Colo.)

Cove District (Ariz.)

Cove Mesa (Ariz.)

Cove Show (Colo.)

Coyote Area (N. Mex.)

Coyote Mesa District (Colo.-Utah)

Coyote Mining District (N. Mex.)

Coyote Mountains (Ariz.)

Craig Quadrangle (Alaska)

Craigmont Mine (Ontario)

Crane Iron Mine (N. J.)

Craven Canyon Area (S. Dak.)

Crescent Mine (Idaho)

Crooks Creek Quadrangle (Wyo.)

Cross Mountain Quadrangle (Calif.)

Crow's Nest Claims (Utah)

Crystal Claim (Utah)

Crystal Mine (Colo.)

Crystal Mountain District (Colo.)

Cuba Claim (Ariz.)

Cuba District (N. Mex.)

Cuba Mesa Area (N. Mex.)

Cuneo District (Italy)

xx Italy (Piedmont)

Cup Claim (Utah)

Current Area (Nev.)

Curtis Formation

(Upper Jurassic of southeastern and central Utah and southwestern and northwestern Colo. belongs to San Rafael group. This heading may be modified by location in the form Curtis Formation (Colo.).)

xx San Rafael Group

Curtis Formation (Colo.)

Custer Area (S. Dak.)

Custer Mountain Mine (S. Dak.)

Cutler Formation

(Of Permian age, in southwestern Colo., southeastern Utah, north-eastern Ariz., and northwestern N. Mex. This heading may be modified by location in the form Cutler Formation (Colo.).)

Cutler Formation (Ariz.)

Cutler Formation (Colo.)

Cutler Formation (Utah)

Cyprus

Czechoslovakia

(This heading may be modified by region in the form Czechoslovakia (Bohemia).)

Czechoslovakia (Bohemia)

D

Dagmar Claim (S. Dak.)

Daisy Fluorosparg Mine (Nev.)

Daisy Freese Claim (Colo.)

Daisy Group (Utah)

Dakeite Area (Wyo.)

see Schroeckingerite Area (Wyo.)

Dakota Hogback (Colo.)

Dakota Mine (S. Dak.)

Dakota Sandstone

(This formation may be modified by location, in the form Dakota Sandstone (Colo.).)

Dakota Sandstone (Ariz.)

Dakota Sandstone (Colo.)

Dakota Sandstone (N. Mex.)

Dakota Sandstone (Utah)

Dalton Group (Utah)

Daly's Spur Area (Mont.)

Dan River-Yadkin River District (N. C.-Va.)

xx Yadkin River District (N.C.-Va.)

Danab Quadrangle (Ariz.-Utah)

Daniel Stanton Mine (Mont.)

Darby Mountains District (Alaska)

Dark Horse Claim (S. Dak.)

Dark Horse Claims (Utah)

Datil Area (N. Mex.)

Davis Mesa Quadrangle (Colo.)

Davis Polycrase Prospect (N. C.)

Dawson Arkose Formation (Colo.)

(Upper Cretaceous and Eocene (?) of eastern Colo. (Douglas County region).)

De La Fontaine Mine (Ariz.)

Dead Sheep Creek Placer Area (Idaho)

Deadwood Formation

(This heading may be modified by location in the form Deadwood Formation (Wyo.).)

Deadwood Formation (S. Dak.)

Deadwood Formation (Wyo.)

Dean Tin Mine (Ala.)

Decker Area (Mont.)

Decorah Mine (S. Dak.)

Decoration No. 1 Lode Mine (Wyo.)

Deer Creek Area (Wyo.)

Deer Creek District (Mont.)

Deer Flat Area (Utah)

Deer Lodge Claims (Nev.)

Deer Park Mine (N. C.)

Deer Trail Area (Utah)

Defense Metals Claim (Idaho)

Defiance Uplift (Ariz.)

Del Monte Showings (Utah)

Delaware

(This heading may be modified by county in the form Delaware (Sussex Co.).)

Delaware (Sussex Co.)

Delaware Quarry (Penna.)

Delerios Mine (Chile)

Delight Claim (Utah)

Dell Area (Mont.)

Dell Claims (Utah)

Delta Area (Colo.)

Delta Deposit (Utah)

Delta Quadrangle (Colo.)

Democrat Mine (Ariz.)

Denmark

Deposits

see Beryl Deposits

Beryllium Deposits

Carbon-Uranium Sandstone Deposits

Carbonaceous Shale Deposits

Carnotite Deposits

see Clay Deposits
 Coal Deposits
 Copper—Uranium Sandstone Deposits
 Disseminated Deposits
 Fluorspar Deposits
 Granite Deposits
 Igneous Deposits
 Lignite Deposits
 Limestone Deposits
 Lithium Deposits
 Manganese Deposits
 Metamorphic Deposits
 Mineral Deposits
 Pegmatite Deposits
 Phosphate Deposits
 Pitchblende Deposits
 Placer Deposits
 Rare Earth Deposits
 Sandstone Deposits
 Sedimentary Deposits
 Shale Deposits
 Thorium Deposits
 Torbernite Deposits
 Uranium Deposits
 Uranium—Vanadium Sandstone Deposits
 Vein Deposits

Depression—Moqui Jug Group (Colo.)

see Moqui Jug—Depression Group (Colo.)

Desert Dwarf Prospect (Ariz.)

see Poorman Prospect (Ariz.)

Desert Lake Quadrangle (Utah)

Desert Rat Claim (Utah)

Desert Valley Prospect (Nev.)

Desert View Claim (Calif.)

Detroit Group (Ariz.)

Dever Claim (N. Mex.)

Devil Canyon Group (Utah)

Devils Tower Area (Wyo.)

Devonshire (England)

see England (Devon)

Dewey Bridge Area (Utah)

Dewey Quadrangle (S. Dak.—Wyo.)

Dexter Group (Utah)

Diamond Butte Quadrangle (Ariz.)

Diamond J Ranch (Colo.)

Dick Claims (Wyo.)

Dillon Tunnel (Utah)

Dinne Mesa District (Ariz.)

Dinosaur Group (Utah)

Dinwoody Formation

(Lower Triassic of western Wyo. and southeastern Idaho. This heading may be modified by location in the form Dinwoody Formation (Idaho).)

Dinwoody Formation (Idaho)

Dirty Devil Group (Utah)

Dirty Devil River Area (Utah)

Disappointment Valley Area (Colo.)

Dismal Swamp Placer Deposit (Idaho)

Disseminated Deposits

(This heading may be modified in the form Disseminated Deposits (Alaska).)

Disseminated Deposits (Alaska)

Disseminated Deposits (Calif.)

Disseminated Deposits (Colo.)

Disseminated Deposits (Czechoslovakia—Germany)

Disseminated Deposits (Nev.)

Disseminated Deposits (N. J.)

Disseminated Deposits (Penn.)

Disseminated Deposits (U. S.)

Disseminated Deposits (Utah)

Disseminated Deposits (Wyo.)

Divide Claims (Mont.)

Divino De Uba Mine (Brazil)

Dixie Mining District (Idaho)

Dolly Group (Utah)

Dolomite Hill Area (Nev.)

Dolores Bench (Colo.)

Dolores Claim (Colo.)

Dolores Formation (Colo.)

(Upper Triassic and Jurassic of southwestern Colo.)

Dolores Group Claims (Colo.)

Dolores Mine (Colo.)

Dolores Plateau Area (Colo.—Utah)

Dolores River District (Colo.)

Dominican Republic

Donaldson Claim (Ariz.)

Donnelly Dome Area (Alaska)

Dono—Han Claims (Calif.)

Dorothy May Claim (Colo.)

Doty Claim (Calif.)

Double Eagle Mine (Ariz.)

Douglas Smith Mine (Ala.)

Dover District (N. J.)

Jowelltown Member (Ala.)

Doyleville Quadrangle (Colo.)

Draghi Prospect (Ariz.)

Dreamer Group (Utah)

Dresden Area (Ill.)

Driggs Area (Idaho)

Dripping Spring Quartzite Formation (Ariz.)

(Pre-Cambrian of central Ariz.)

Dripping Springs Area (Utah)

Dry Creek Area (Wyo.)

Dry Creek Canyon Area (Colo.)

Dry Creek Claim (Utah)

Dry Valley District (Utah)

Dry Valley Quadrangle (Idaho)

Dry Wash Claim (Utah)

Duck Creek Area (Mont.)

Duffin Mine (Utah)

Duffin Mine Area (Utah)

Dumont Area (Colo.)

Dumont District (Colo.)

Dumont—Lawson District (Colo.)

see Lawson—Dumont District (Colo.)

Duncans Creek Area (N. C.)

see First Broad River Area (N. C.)

Dunkard Group

(Permian of southwestern Penna., western Md., eastern Ohio, and northern W. Va., divided into Greene formation, Upper Washington limestone member and Washington formation. This heading may be modified by location in the form Dunkard Group (W. Va.).)

Dunkard Group (W. Va.)

Durango Area (Colo.)

Durbin Creek Area (S. C.)

Dutch Guiana

see Surinam

Dynamite Mine (Colo.)

E

Eagle Bluff Mine (N. C.)

Eagle Creek Area (Alaska)

Eagle Deposit (Saskatchewan)

Eagle District (Alaska)

Eagle Lake Area (Saskatchewan)

Eagle Mine (Northwest Territories)

Eagle Peak Mining District (Wyo.)

Eagle Rock Claim (Utah)

Ear Mountain Area (Alaska)

Early Day Claims (Nev.)

Early Morn Group (Colo.)

East Calhoun Mine (Colo.)

East Carrizo Area (Ariz.—N. Mex.)

East Georgetown Canyon (Idaho)

x Georgetown Canyon (Idaho)

East Indies

*see Indonesia***East Martin Mesa Shows (Colo.)**

East Paradox Locality (Colo.)

*see Uravan District (Colo.)***East Red Canyon Area (S. Dak.)****East Short Pine Hills (S. Dak.)****East Slope Area (Utah)****East Slope Uranium Claims (Utah)****East Vermilion Cliffs Area (Ariz.)****East Walker River Area (Nev.)****Easter Dome Area (Alaska)****Easterbrook Mining District (Wyo.)****Eastern Highland Rim (Tenn.)**

x Highland Rim (Tenn.)

Easton B Claim (Colo.)**Echo Cliffs Area (Ariz.)****Ecuador****Edgemont District (S. Dak.)****Edgemont Quadrangle (S. Dak.)****Edisto Island Area (S. C.)****Effie B—Rattlesnake Group (Colo.)****Effie F Claim (Utah)****Eggshell Claim (S. Dak.)****Egnar District (Colo.)****Egnar—Mancos Area (Colo.)***see Mancos—Egnar Area (Colo.)***Egnar Quadrangle (Colo.)****Egypt****Eire***see Ireland***Ekalaka Hills Area (Mont.)****Ekker Mine (Utah)****Eldora District (Colo.)****Eldorado Canyon Area (Ariz.)****Eldorado Claims (Nev.)****Eldorado Creek (Alaska)****Eldorado Mines (Northwest Territories)****Eleanor Mine (Fla.)****Elephant Mountain (Alaska)****Elizabeth M Lode (Colo.)***see Martha E Prospect (Colo.)***Elk City Area (Idaho)****Elk City Mining District (Idaho)****Elk City Placer Areas (Idaho)****Elk Ridge Area (Utah)****Elk Ridge Quadrangle (Utah)****Elkhorn Pegmatite (S. Dak.)****Elkins Horst (N. Mex.)****Elliott Highway (Alaska)****Elliott Mine (Colo.)****Ellison Claim (Colo.)****Ellison Claim Area (Colo.)****Eloisa Claim (Colo.)****Elva M Claim (Utah)****Emerald Gem Claim (Colo.)***see Buckhorn Mica Mine (Colo.)***Emery Quadrangle (Utah)****Emily No. 2 Claim (Utah)****Emmet Wash Quadrangle (Ariz.)****Emmett Mine (Colo.)****Empire District (Colo.)***see also North Empire District (Colo.)***England***(This heading may be modified by county in the form England (Devon))*

xx Great Britain

England (Cornwall)

x Cornwall (England)

England (Devon)

x Devonshire (England)

Engle Area (N. Mex.)**Eniwetok Proving Grounds**

x Pacific Proving Grounds

Ennis Area (Mont.)**Enoree River Area (S. C.)****Entrada Formation***(This heading may be modified by location in the form Entrada Formation (Colo.))***Entrada Formation (Colo.)****Entrada Formation (N. Mex.)****Entrada Formation (Utah)****Erie Area (Nev.)****Erie Tuff (Nev.)****Erin Shale (Ala)****Ervedosa Mine (Portugal)****Erz Gebirge—Bohemia Area (Germany)****Escalante Area (Utah)****Escalante Forks Quadrangle (Colo.)****Espanola Area (N. Mex.)****Ethiopia**

x Abyssinia

Etta Mine (S. Dak.)**Etta Mine (Utah)****Eunice Claim (S. Dak.)****Eureka Area (Alaska)****Eureka Claims (Utah)****Eureka Gulch Area (Colo.)****Eurida District (Ariz.)**

x Tehatin District (Ariz.)

Europe**Evanston Area (Wyo.)****Evelyn Mine (N. Mex.)****F-33 Deposit (N. Mex.)****F****Fair-U Claims (Colo.)****Fairbanks District (Alaska)****Fairforest Creek Area (S. C.)****Fairhaven Creek Area (Alaska)****Falkland Islands****Fall Creek Area (Idaho)****Fall Creek Deposits (Idaho)****Fall Creek Mine (Colo.)****Fall Creek Prospect (Idaho)****Fall Enterprise Mine (Mont.)****Fall River Area (Colo.)****Fall River Formation***(Top formation of Inyan Kara group found in western S. Dak., northeastern Wyo., and southeastern Mont. This heading may be modified by location in the form Fall River Formation (Wyo.))***Fall River Formation (S. Dak.)****Fall River Formation (Wyo.)****Falling Star Claims (Utah)****Fanny Peak Quadrangle (S. Dak.—Wyo.)****Far West Willys Group (Nev.)****Farlow Gap Mine (N. C.)****Farmer Boy Group (Colo.)****Farmer's Knob (Utah)****Farmer's Knob Area (Utah)****Faultless Claim (Colo.)****Fawn Springs Bench Area (Colo.)****Fayette Deposits (Texas)****Feather River Valley (Calif.)****Feickner Prospect (Colo.)****Feldspar—Ruddock Quartz—Mica Schist (S. Dak.)***see Ruddock Quartz—Mica—Feldspar Schist (S. Dak.)***Fiji Islands****Finland****Finney County—Scott County Area (Kan.)***see Scott County—Finney County Area (Kan.)*

Fireflex Mine (Calif.)**First Broad River Area (N. C.)**

- x Duncans Creek Area (N.C.)
- Hinton Creek Area (N.C.)
- Wards Creek Area (N.C.)

Fish Haven Dolomite (Utah)**Flaming Gorge Quadrangle (Utah)****Flat Area (Alaska)****Flat Creek Area (Alaska)**

see Iditarod Quadrangle (Alaska)

Flat District (Alaska)**Flat Tire Prospect (Utah)****Flat Top Butte (N. Dak.)****Flat Top Butte Area (N. Dak.)****Flat Top Group (Colo.)****Flat Top Mesa (Utah)****Flat Top Mesa Area (Utah)****Flat Top Mountain Quadrangle (Wyo.)****Flathead Sandstone**

(This heading may be modified by location in the form Flathead Sandstone (Mont.).)

Flathead Sandstone (Mont.)**Flathead Sandstone (Wyo.)****Flicker Prospect (Colo.)****Flint Creek Valley District (Mont.)****Flint Hill Quadrangle (S. Dak.)****Flint River District (Ga.)****Flora Claim (S. Dak.)****Florence Mining District (Idaho)****Florence Nellie Mine (Colo.)****Florida**

(This heading may be modified by county in the form Florida (Hardee Co.).)

Florida (Alachua Co.)**Florida (Citrus Co.)****Florida (Columbia Co.)****Florida (De Soto Co.)****Florida (Hardee Co.)****Florida (Hernando Co.)****Florida (Hillsborough Co.)****Florida (Levy Co.)****Florida (Manatee Co.)****Florida (Marion Co.)****Florida (Pasco Co.)****Florida (Polk Co.)****Florida (Sarasota Co.)****Floyd Collins Claim (N. Mex.)****Fluerin Queen Claims (Utah)**

see Fluorine Queen Claims (Utah)

Fluoride Claim (Utah)**Fluorine Hill (Ariz.)****Fluorine Queen Claims (Utah)**

- x Fluerin Queen Claims (Utah)

Fluorite Deposits (N. Mex.)**Fluorite Group (Utah)**

- x Original Spor Group (Utah)

Fluorspar Deposits

(This heading may be modified by location in the form Fluorspar Deposits (Colo.).)

Fluorspar Deposits (Colo.)**Fluorspar Deposits (Utah)****Fluorspar Deposits (Wyo.)****Fluorspar District (Utah)****Flynn Creek Area (Tenn.)****Foggy Day Prospect (Alaska)****Folkston Area (Fla.-Ga.)****Forest Home (Calif.)****Forney District (Idaho)****Forster Claims (N. Mex.)****Fort Defiance Area (Ariz.)****Fort Hall Indian Reservation (Idaho)****Fort Myers Area (Fla.)****Fort Payne Chert**

(Of Mississippian age found in northern and eastern Ala., northwestern Ga., Tenn., and northeastern Miss., this heading may be modified by location in the form Fort Payne Chert (Tenn.).)

Fort Payne Chert (Tenn.)**Fort Peck Area (Mont.)****Fort Pierce Claim (Utah)****Fort Union Formation**

(This heading may be modified by location in the form Fort Union Formation (Colo.).)

Fort Union Formation (Colo.)**Fort Union Formation (Mont.)****Fort Union Formation (N. Dak.)****Fort Union Formation (S. Dak.)****Fort Union Formation (Wyo.)****Forty-Niner Claim (Mont.)****Fortymile District (Alaska)**

- x Wade Creek (Alaska)

Walker Fork (Alaska)

Four Aces Claims (Utah)**Four Aces Locality (Utah)****Four-Mile Area (S. Dak.)****4-7's Claim (Mont.)****Foutz Mines (N. Mex.)****Foutz No. 1 Mine (N. Mex.)****Fox Hills Sandstone**

(Upper Cretaceous of S. Dak., N. Dak., eastern Mont., Wyo., and eastern Colo. This heading may be modified by location in the form Fox Hills Sandstone (N. Dak.).)

Fox Hills Sandstone (N. Dak.)**Fox Hills Sandstone (Wyo.)****France**

(This heading may be modified by department in the form France (Normandy).)

France (Allier)**France (Alpes-Maritimes)****France (Cantal)****France (Corrèze)****France (Côte-d'Or)****France (Cotes-du-Nord)****France (Creuse)****France (Finistère)****France (Haut-Rhin)****France (Haute-Saône)****France (Haute-Vienne)****France (Hérault)****France (Loire)****France (Loire-Atlantique)****France (Loire-Inférieure)****France (Morbihan)****France (Nièvre)****France (Nord)****France (Puy-de-Dôme)****France (Saône-et-Loire)****France (Savoie)****France (Vendée)****France (Yonne)****Frances Claim (Colo.)****Francis Mine (N. Mex.)****Frankie Mine (Colo.)****Franklin District (N. C.)****Franklin Mountains (Texas)****Franklin Subgroup of Claims (Colo.)****Frazier Mine (Colo.)****Fredericktown District (Mo.)****Fredonia Area (Ariz.)****Fredonia Quadrangle (Ariz.)****Free Enterprise Mine Area (Mont.)****Free Enterprise Property (Mont.)****Freedom Mines (Utah)**

- x Seegmiller Mine (Utah)

Freeland District (Colo.)

Freeman Mine (N. C.)**Freirina District (Chile)**

French Equatorial Africa (Gabon)

see Gabon Republic

French Equatorial Africa (Middle Congo)

see Congo Republic, Brazzaville

French Morocco

see Morocco

French West Africa (Senegal)

*see Senegal Republic***Frey Canyon District (Utah)****Frey Claims (Utah)****Frey Four Locality (Utah)****Frey Point (Utah)****Friday Mesa (Ariz.)****Fridlund Mine (N. Mex.)****Frisco Group (Utah)****Front Range Area (Colo.)****Frontier Formation***(This heading may be modified by location in the form Frontier Formation (Utah).)***Frontier Formation (Utah)****Fryburg Area (N. Dak.)****Funter Bay Area (Alaska)****Fuson Formation***(Found in western S. Dak., eastern Wyo., southeastern Mont., and northwestern Neb. Part of Inyan Kara group. This heading may be modified by location in the form Fuson Formation (Wyo.))***Fuson Formation (S. Dak.)****Fuson Formation (Wyo.)****G****G. Washington Claim (Mont.)***x Washington Claim, G. (Mont.)***G. Washington Deposits (Mont.)****Gablan Claim (N. Mex.)**

Gabon Republic

Galena Mine (Idaho)**Gallina District (N. Mex.)****Gallup Area (N. Mex.)****Gamma Property (Nev.)****Garbutt Group (Utah)****Gardell Snow's Claim (Utah)****Garden City Limestone***(Lower Ordovician of northeastern Utah and southeastern Idaho. This heading may be modified by location in the form Garden City Limestone (Utah).)***Garden Valley Area (Idaho)****Garden Valley-Boise Basin (Idaho)***see Boise Basin-Garden Valley (Idaho)***Gardner Area (Fla.)****Gardner Formation (Utah)***(Lower Mississippian of central northern Utah.)***Garfield Area (Colo.)****Garlock Fault Area (Calif.)****Garm-Lemoreaux Mine (Idaho)****Garnet Ridge Area (Ariz.)****Garo District (Colo.)****Garo Mine (Colo.)***see Shirley May Mine (Colo.)***Gas Hills Area (Wyo.)****Gas Hills Uranium District (Wyo.)****Gash Vein Area (Ariz.)****Gassaway Member***(Member of Chattanooga Shale. This heading may be modified by location in the form Gassaway Member (Ala.).)**xx Chattanooga Shale***Gassaway Member (Tenn.)****Gateway District (Colo.)****Gateway District (Utah)***see Polar Mesa Camp District (Utah)***General Chemical Deposits (Colo.)****General Teller Mine (Colo.)****Genie No. 1 Claim (Ariz.)****George Peabody Claim (Colo.)***see Robineau Claims (Colo.)***Georgeto Claim (Colo.)***see also Georgetown Group (Colo.)***Georgetown Canyon (Idaho)***see East Georgetown Canyon (Idaho)**West Georgetown Canyon (Idaho)***Georgetown District (Colo.)****Georgetown Group (Colo.)***xx Georgeto Claim (Colo.)**Veta Glad Claim (Colo.)**Veta Mad Claim (Colo.)***Georgia***(This heading may be modified by county in the form Georgia (Cherokee Co.).)***Georgia (Chatham Co.)****Georgia (Cherokee Co.)****Georgia (De Kalb Co.)****German-Belcher Mine (Colo.)****German Gulch Mining District (Mont.)****Germany***(This heading may be modified by political subdivision in the form Germany (Baden).)***Germany (Baden)****Germany (Bavaria)***x Bavaria***Germany (Hesse)****Germany (Prussia)****Germany (Württemberg)****Gertie Mine (S. Dak.)****Gertrude Claim (S. Dak.)****Gertrude-Little Roy Group (Colo.)***see Little Roy-Gertrude Group (Colo.)***Getchell Mine (Nev.)****Ghana***x Gold Coast***Giant Subgroup of Claims (Colo.)****Gibraltar****Gillette Area (Wyo.)****Gilpin County Mining District (Colo.)***see North Gilpin County Mining District (Colo.)***Ginger Claim (Utah)****Girdwood Area (Alaska)***see Gulf of Alaska Region (Alaska)***Glasscock-Howard Oil Field (Texas)***see Howard-Glasscock Oil Field (Texas)***Glastonbury Quadrangle (Conn.)****Glen Canyon Group***(Found in southern and eastern Utah, northern Ariz., southwestern Colo. and northwestern N. Mex. This heading may be modified by location in the form Glen Canyon Group (N. Mex.).)**see also Wingate Formation**Kayenta Formation**Navajo Sandstone***Glen Canyon Group (Colo.)****Glen Canyon Group (N. Mex.)****Glen Canyon Group (Utah)****Glenn Mine (N. C.)****Glenover Carbonatite Complex (Union of South Africa)****Globe Mine (N. Mex.)****Glorieta District (N. Mex.)****Goddard Hot Springs Area (Alaska)****Golconda Manganese-Tungsten Deposits (Nev.)****Golconda Mine (Colo.)****Gold Bench (Alaska)****Gold Bench Area (Alaska)****Gold Butte District (Nev.)****Gold Coast***see Ghana*

Gold Creek Placer Area (Idaho)
 Gold Fields Area (Saskatchewan)
 Gold Fork Placer Areas (Idaho)
 x Little Valley Area (Idaho)
 Lower Gold Fork Area (Idaho)
 Upper Gold Fork Area (Idaho)
 Gold Hill District (Colo.)
 Gold Hill Mining Area (Colo.)
 Gold Leaf Mine (Ariz.)
 see Double Eagle Mine (Ariz.)
 Gold Meadows Area (Nev.)
 Gold Point Claim (Mont.)
 Gold Stone Area (Calif.)
 Golden Cycle Cyanide Plant (Colo.)
 Golden Gate Canyon Area (Colo.)
 Golden Valley Formation (N. Dak.)
 Goldenrod Claim (Calif.)
 Goldenrod Group (Colo.)
 Goldfield Buttes Claims (Utah)
 Golondrina Claims (Ariz.)
 Golovin Bay Area (Alaska)
 Gonaway Claim (Utah)
 see Gonway Claim (Utah)
 Gonway Claim (Utah)
 x Gonaway Claim (Utah)
 Good Hope Mine (Colo.)
 Goodluck Creek Area (Alaska)
 Goodsprings Mining District (Nev.)
 Goose Creek District (Idaho—Nev.—Utah)
 Gordonia Area (Union of South Africa)
 Goten Area (Bulgaria)
 x Buhovo Area (Bulgaria)
 Gould Area (S. Dak.)
 Goulder Goulch Claim (Calif.)
 Gramlich Group (Colo.)
 Grand Hogback District (Colo.)
 Grand Island Mining District (Colo.)
 Grand View Mine (Ariz.)
 Granite Deposits
 (This heading may be modified by location in the form Granite Deposits (Ga.))
 see also Igneous Deposits
 Pegmatite Deposits
 xx Igneous Deposits
 Pegmatite Deposits
 Granite Deposits (Alaska)
 Granite Deposits (Ariz.)
 Granite Deposits (France)
 Granite Deposits (Italy)
 Granite Deposits (Nev.)
 Granite Deposits (Nigeria)
 Granite Deposits (U.S.)
 Granite Deposits (Wyo.)
 Granite Mountain (Ark.)
 Granite Mountain Area (Alaska)
 Granite Point Claims (Nev.)
 Granite Wash District (Utah)
 Grant Creek Area (Alaska)
 Grant View Hot Spring (Nev.)
 Grants Area (N. Mex.)
 Grants District (N. Mex.)
 Gray Eagle Area (Mont.)
 Gray Eagle Mine (Mont.)
 Gray Goose Claims (Mont.)
 Gray Head Quadrangle (Colo.)
 Gray Mesa Area (N. Mex.)
 Gray's Mine (S. Dak.)
 Graysill Mine (Colo.)
 Greagor Claims (Colo.)
 Great Bear Lake District (Northwest Territories)
 Great Britain
 see also England

see also Northern Ireland

see also Scotland

see also Wales

x United Kingdom

Great Divide Basin (Wyo.)

Great Slave Lake (Northwest Territories)

Great Valley (Calif.)

Great Western Mine (Colo.)

Greece

Green Hill Claim (Utah)

Green Monster Mine (Nev.)

Green River Basin (Wyo.)

Green River Desert Area (Colo.—Utah)

see also Inter River District (Utah)

see also Polar Mesa Camp District (Utah)

see also Southern Green River Desert Area (Utah)

xx Inter River District (Utah)

Green River District (Utah)

Green River Formation

(This heading may be modified by location in the form Green River Formation (Wyo.))

Green River Formation (Wyo.)

Green Rock Claim (Colo.)

Green Vein Group (Utah)

Green Vein Mesa (Utah)

Green Velvet Claims (Calif.)

Greenland

Greenlee Prospects (Saskatchewan)

Greenwood Mining District (Ariz.)

Greens Creek Area (Mich.)

Greenwood Property (Colo.)

Greybull Member

(North central Wyo. and south central Mont., this heading may be modified by location in the form Greybull Member (Mont.))

xx Cloverly Formation

Greybull Member (Mont.)

Griming Ape Claim (Utah)

(In 1950 renamed Hesperus Claim (Utah) which see.)

Ground Hog Mine (Colo.)

Grouse Creek Area (Idaho)

Grouse Creek Placer Area (Idaho)

Grover Pegmatite Mine (Colo.)

Grunter Mine (Idaho)

Guadalupita Area (N. Mex.)

Guadalupita Copper Prospects (N. Mex.)

Guam

(Mariana Islands)

Guard-Well Deposit (Ariz.)

Guarda District (Portugal)

xx Portugal (Beira Alta)

Gulf Coastal Plain Area (Tex.)

Gulf of Alaska Region (Alaska)

x Girdwood Area (Alaska)

Moose Pass-Hope Area (Alaska)

Nuka Bay (Alaska)

Gulf of Mexico

Gunnar Area (Saskatchewan)

Guy Stealey Prospect (Colo.)

Guy's Uranium Claim (N. Mex.)

Gwinear District (England)

Gypsum Gap Quadrangle (Colo.)

Gypsum Valley District (Colo.)

H

H-T Butte (N. Dak.)

H-T Butte Area (N. Dak.)

Hack's Canyon Mine (Ariz.)

Hacks Mine (Ariz.)

see Hack's Canyon Mine (Ariz.)

Hagen Basin (N. Mex.)

Haiti

Haiwee Ridge Area (Calif.)**Haiweeites****Hamm Canyon Group (Colo.)****Hamm Canyon Quadrangle (Colo.)****Han-Dono Claims (Calif.)***see Dono-Han Claims (Calif.)***Hanford Area (Wash.)****Hanosh Mines (N. Mex.)****Happy Jack Claims (Wyo.)****Happy Jack Mine (Utah)****Happy Jack Mine Area (Utah)****Happy Joe Mine (Colo.)****Happy Landing Claims (Utah)****Haputa Ranch Extension (Colo.)****Hard Pan Group (Utah)****Harding Lake Area (Alaska)****Harding Mine (N. Mex.)****Hardrock Phosphate Belt (Fla.)****Harrisburg Junction Area (Utah)****Harrisite Claim (Utah)****Harrison Area (Mont.)****Hart Claim (Mont.)****Hartville Formation***(This heading may be modified by location in the form Hartville Formation (Nebr.))***Hartville Formation (Neb.)****Hartville Uplift Area (Wyo.)****Harvard Hills Area (Calif.)****Harz Mountains Area (Germany)****Hawaii****Hawk Mine (Colo.)****Hawkeye Claim (Colo.)****Hawkeye Claim Area (Colo.)****Hawthorn Formation***(This heading may be modified by location in the form Hawthorn Formation (Fla.))***Hawthorn Formation (Fla.)****Haycock Area (Alaska)****Haymaker Subgroup of Claims (Colo.)****Haynes Property (Mont.)****Hays Mine (N. Mex.)****Haystack Area (N. Mex.)****Haystack Mesa (N. Mex.)****Heath Steele Mine Area (New Brunswick)****Heaton Knolls Quadrangle (Ariz.)****Hebron Area (N. Dak.)****Hecla Mining District (Wyo.)****Helen Beryl Pegmatite (S. Dak.)****Helen Claim (Colo.)****Helen Claim (S. Dak.)****Helen May Prospect (Wyo.)****Helena Area (Mont.)****Helena Valley Area (Mont.)****Helium Dome District (Utah)****Hell Creek Formation***(Upper Cretaceous eastern, northern, and south central Mont., southwestern N. Dak., and northwestern and northern S. Dak. This heading may be modified by location in the form Hell Creek Formation (N. Dak.))***Hell Creek Formation (Mont.)****Hell Creek Formation (N. Dak.)****Hell Creek Formation (S. Dak.)****Henebergh Tunnel Area (Nev.)****Henriette Mine (France)****Henry Clay Mine (Colo.)****Henry Fork Area (N. C.)****Henry Fork-Jacob Fork Junction Area (N. C.)***x Jacob Fork Area (N. C.)***Henry Mountains (Utah)****Henry Mountains Area (Utah)****Hercules Mine (Utah)****Hermit Shale***(This heading may be modified by location in the form Hermit Shale (Ariz.))***Hermit Shale (Ariz.)****Hermosa Creek District (Colo.)****Hermosa Formation***(Occurs in southwestern Colo., southeastern Utah, northeastern Ariz., and northwestern N. Mex. This heading may be modified by location in the form Hermosa Formation (Colo.))***Hermosa Formation (Colo.)****Hermosa Formation (Utah)****Hertz Area (Utah)****Hertz No. 1 Claim (Utah)****Hesperus Claim (Utah)***(Prior to 1950 known as the Ginning Ape Claim)**x Ginning Ape Claim (Utah)***Hess Mine (Colo.)****Heubach District (Germany)****Hidden Creek Area (Alaska)****Hidden Treasure Mine (Colo.)****Hidden Valley District (Utah)****Hideout Claim (Utah)****Hideout Mesa (Utah)****Hideout No. 1 Mine (Utah)****High Bench Claim (Utah)****High Climb Mine (S. Dak.)****High Climb Pegmatite (S. Dak.)****High Ore Mine (Mont.)****Highland Rim (Tenn.)***see Eastern Highland Rim (Tenn.)**see Northern Highland Rim (Tenn.)***Hiland-Clarkson Hill Area (Wyo.)****Hill No. 1 Mine (Colo.)****Hillside Claim (Colo.)****Hillside Mine (Ariz.)****Hilltop Claim (Mont.)****Hilton Head Island (S. C.)****Hines Deposit (N. Mex.)****Hinman Group (Mont.)****Hinton Creek Area (N. C.)***see First Broad River Area (N. C.)***Hite Area (Utah)****Hoerner-Ross Pegmatite (Calif.)****Hogback Claim (Colo.)****Hogback No. 4 Mine (N. Mex.)****Hogback Quadrangle (N. Mex.)****Holbrook Area (Ariz.)****Hole-In-The-Rock Mine (Utah)****Holiday Mesa (Utah)****Holliday Mine (Utah)****Home Run Group (Utah)****Home-Union Deposit (Ariz.)****Homeland Area (Fla.)****Homeland Mine (Fla.)****Homestake Mine (Utah)****Honey Bee Claim (Colo.)****Honey Bee No. 4 Claim (Ariz.)****Honeybee Mines (Utah)****Honeycomb Hills (Utah)****Honeycomb Hills Prospect (Utah)****Honeymoon Mine (Colo.)****Hop Canyon Area (Utah)****Hope Creek Area (Alaska)****Hopi Buttes (Ariz.)****Horn Drilling Area (Utah)****Hornet Group (Utah)****Horse Mesa Area (Colo.)****Horse Range Mesa Quadrangle (Colo.)****Horsefly Mine (Mont.)****Horsehair Area (Colo.)****Horsehead Canyon Group (Utah)****Horseshoe Bend Locality (Colo.)****Horseshoe Claims (Utah)**

Horsethief Basin Area (Idaho)
 Hoskinnini Mesa (Ariz.-Utah)
 Hosteen Nez Mining Company Deposit (Ariz.)
 Hot Brook Canyon (S. Dak.)
 Hot Rock No. 1 Prospect (Utah)
 Hot Shot Claim (Utah)
 Hot Shot Mine (S. Dak.)
 Hot Shot Mine (Utah)
 Hot Springs (Ark.)
 Hot Springs Area (Ark.)
 Hot Springs Dome Area (Alaska)
 Hottah Lake District (Northwest Territories)
 Housatonic Highlands Area (Conn.-N. Y.)
 House Rock Spring Quadrangle (Ariz.)
 Howard Creek Deposits (Idaho)
 Howard-Glasscock Oil Field (Texas)
 Howling Coyote Claim (Colo.)
 Hualapai Indian Reservation Area (Ariz.)
 x Walapai Indian Reservation Area (Ariz.)
 Hudson Highland Area (Conn.-N. Y.)
 Hudson Valley Area (N. Y.)
 Hueco Mountains Area (Texas)
 Huerfano Embayment (Colo.)
 Huerfano Park (Colo.)
 Huerfano Park-Spanish Peaks Region (Colo.)
 Hugo Mine (S. Dak.)
 Hulett Area (Wyo.)
 Hummer Claim (Colo.)
 Humming Bird Mine (Colo.)
 Hungary
 Hunter Claims (S. Dak.)
 Hunter Creek Area (Alaska)
 Hunt's Mesa (Ariz.)
 Hunt's Mine (Utah)
 Huronian Formation (Mich.)
 Hurricane Cliffs Quadrangle (Ariz.)
 Hyatt Area (Colo.)
 Hyatt Pegmatite (Colo.)
 Hyder District (Alaska)

I

Iceland

Idaho

(This heading may be modified by county in the form Idaho (Boise Co.))

Idaho (Ada Co.)
 Idaho (Bannock Co.)
 Idaho (Bear Lake Co.)
 Idaho (Bingham Co.)
 Idaho (Blaine Co.)
 Idaho (Boise Co.)
 Idaho (Bonneville Co.)
 Idaho (Camas Co.)
 Idaho (Caribou Co.)
 Idaho (Cassia Co.)
 Idaho (Clark Co.)
 Idaho (Custer Co.)
 Idaho (Elmore Co.)
 Idaho (Fremont Co.)
 Idaho (Gem Co.)
 Idaho (Idaho Co.)
 Idaho (Lemhi Co.)
 Idaho (Owyhee Co.)
 Idaho (Shoshone Co.)
 Idaho (Teton Co.)
 Idaho (Twin Falls Co.)
 Idaho (Valley Co.)
 Idaho City Area (Idaho)
 Idaho Gulch Area (Alaska)
 Idaho Springs District (Colo.)
 Iditarod Quadrangle (Alaska)

Iditarod Region (Alaska)

Igneous Deposits

(This heading may be modified by location in the form Igneous Deposits (Peru))

see also Granite Deposits

Pegmatite Deposits

xx Granite Deposits

Pegmatite Deposits

Igneous Deposits (Alaska)
 Igneous Deposits (Ariz.)
 Igneous Deposits (Ark.)
 Igneous Deposits (British Columbia)
 Igneous Deposits (Bulgaria)
 Igneous Deposits (Calif.)
 Igneous Deposits (Chile)
 Igneous Deposits (Colo.)
 Igneous Deposits (Ga.)
 Igneous Deposits (Idaho)
 Igneous Deposits (Italy)
 Igneous Deposits (Maine)
 Igneous Deposits (Mass.)
 Igneous Deposits (Mont.)
 Igneous Deposits (Mozambique)
 Igneous Deposits (Netherlands East Indies)
 Igneous Deposits (Nev.)
 Igneous Deposits (N. J.)
 Igneous Deposits (N. Mex.)
 Igneous Deposits (N. Y.)
 Igneous Deposits (Nigeria)
 Igneous Deposits (Penna.)
 Igneous Deposits (Peru)
 Igneous Deposits (Philippine Islands)
 Igneous Deposits (Portugal)
 Igneous Deposits (R. I.)
 Igneous Deposits (Southeast Asia)
 Igneous Deposits (Soviet Union)
 Igneous Deposits (Spain)
 Igneous Deposits (U. S.)
 Igneous Deposits (Utah)
 Igneous Deposits (Va.)
 Igneous Deposits (Vt.)
 Iliamna Lake Region (Alaska)
 Illinois

(This heading may be modified by county in the form Illinois (Iroquois Co.))

Illinois (Pike Co.)

Imogene Claim (S. Dak.)

Independence Claim (Ariz.)

India

Indian Creek Area (Utah)

Indian Group Prospect (Alaska)

see Siana Area (Alaska)

Indian Ocean

Indian Wash Area (Utah)

Indiana

(This heading may be modified by county in the form Indiana (Brown Co.))

Indiana (Brown Co.)

Indiana Coal Field

Indonesia

x East Indies

Inter River District (Utah)

see also Green River Desert Area (Colo.-Utah)

xx Green River Desert Area (Colo.-Utah)

Inyan Kara Group (S. Dak.-Wyo.)

Iola Prospect (Mont.)

Iowa

(This heading may be modified by county in the form Iowa (Kossuth Co.))

Iowa (Kossuth Co.)

Iraq

Ireland

x Eire

Iris Claim (Ariz.)

Iris Quadrangle (Colo.)

Iron Blowout Prospect (Idaho)

Iron Formation (Mich.)

Iron Mine (Colo.)

Iron Mountain Area (Colo.)

Iron Mountain Area (Wyo.)

Isabelle Mine (Colo.)

Isham Claims (Mich.)

Israel

Italian Somaliland

see Somalia

Italy

(This heading may be modified by political region in the form Italy (Tuscany))

Italy (Abruzzi e Molise)

Italy (Basilicata)

Italy (Calabria)

Italy (Campani)

Italy (Emilia-Romagna)

Italy (Friuli-Venezia-Giulia)

Italy (Latium)

Italy (Liguria)

Italy (Lombardy)

Italy (Marches)

Italy (Piedmont)

Italy (Puglia)

Italy (Sardinia)

Italy (Sicily)

Italy (Trentino-Alto Adige)

Italy (Tuscany)

Italy (Umbria)

Italy (Val d'Aosta)

Italy (Veneto)

Ivanpah Mining District (Calif.)

J

J. C. Roybal Claims (N. Mex.)

J and H Phil Claims (Wyo.)

J and K Mine (N. Mex.)

J. and L. Alunite Claims (Utah)

Jack Claim (Ariz.)

Jack Mine (Mont.)

Jack Pile Mine (N. Mex.)

Jackson Formation (Texas)

Jackson Group (Colo.)

Jackson—Mokelumne Hill (Calif.)

Jacob Fork—Henry Fork Junction Area (N. C.)

see Henry Fork—Jacob Fork Junction Area (N. C.)

Jacob Lake Quadrangle (Ariz.)

Jacobina Area (Brazil)

Jadotville Mine (Congo Republic)

Jakolof Bay Area (Alaska)

James Bird Prospect (Colo.)

James River (Va.)

Jamestown Area (Colo.)

Jamestown District (Colo.)

Jan Group (Utah)

Japan

(This heading may be modified by prefecture in the form Japan (Gifu))

Japan (Fukuoka)

Japan (Gifu)

Japan (Yamaguchi)

Jarbridge Quadrangle (Nev.)

Jarosa Prospects (N. Mex.)

Jaw Bone Mining District (Calif.)

Jeanette Claim (Wyo.)

Jeanie Group (Utah)

(Sometimes spelled Jeannie, referred to in some reports as part of the Bulloch Group (Utah), which see for additional information)

x Jeannie Group (Utah)

xx Bulloch Group (Utah)

Orderville Gluch Area (Utah)

Jeanie Group (Utah)

see Jeanie Group (Utah)

Jeep No. 2 Claim (Calif.)

Jefferson City Quadrangle (Mont.)

Jemez Springs District (N. Mex.)

Jewel Cave Quadrangle (S. Dak.)

Jicarilla Apache Indian Reservation (N. Mex.)

Jim Kane Mine (Ariz.)

Jo Dandy Area (Colo.)

Jo Dandy Area (Utah)

Jo Dandy Mine (Colo.)

Jo Reynolds Area (Colo.)

Joachimsthal (Czechoslovakia)

xx Czechoslovakia (Bohemia)

Joachimsthal Mine (Czechoslovakia)

Joan Claim (S. Dak.)

Joe Davis Hill Quadrangle (Colo.)

Johannesburg Area (Calif.)

John Will Campbell Prospect (Va.)

Johnny Nesbitt Prospect (Saskatchewan)

John's Shows (Colo.)

Johnson Creek Placer Area (Idaho)

Johnson Creek Quadrangle (Idaho)

Johnson Quadrangle (Ariz.—Utah)

Joker Group (Colo.)

Jomac Mine (Utah)

Jones Mine (N. C.)

Jordan

Josephine Mine (Mont.)

Joshua Tree National Monument (Calif.)

Josie Bishop Claims (Calif.)

Juanita Arch Quadrangle (Colo.)

Julian Group (Colo.)

Jumbo Claim (Colo.)

Jumbo Workings (Utah)

Jumpin Claim (Calif.)

Juneau Area (Alaska)

K

Kaibab Limestone

(Of Permian age in northern Ariz., southern Utah, and southeastern Nev. This heading may be modified by location in the form Kaibab Limestone (Utah))

Kaibab Limestone (Nev.)

Kaibab Limestone (Utah)

Kaiparowits Peak Quadrangle (Utah)

Kaiparowits Plateau Area (Utah)

Kaiyuh Mountains (Alaska)

Kalahari System (Bechuanaland Protectorate)

Kamiah Area (Idaho)

Kanab Area (Ariz.—Utah)

Kanab Quadrangle (Ariz.—Utah)

Kansas

(This heading may be modified by county in the form Kansas (Gray Co.))

Kansas (Gray Co.)

Karnes County Area (Texas)

Karoo System (Bechuanaland Protectorate)

Katanga Region (Congo Republic)

Katie Claim (S. Dak.)

Kayenta Formation

(Located in southeastern and southern Utah, northeastern Ariz., and southwestern Colo. This heading may be modified by location in the form Kayenta Formation (Colo.))

xx Glen Canyon Group

Kayenta Formation (Ariz.)

Kayenta Formation (Colo.)

Kayenta Formation (Utah)

Kaywood Point Group (Colo.)
 Kelly Creek Placer Area (Idaho)
 Kendall Canyon (Idaho)
 Kentuck Mine (Idaho)
 Kentucky

(This heading may be modified by county in the form Kentucky (Harlan Co.).)

Kenya

(British East Africa)

Kergon Mine (Calif.)
 Kern River Area (Calif.)
 Ketchikan Area (Alaska)
 Keweenaw Peninsula (Mich.)
see Michigan Copper District (Mich.)

Keystone Area (S. Dak.)
 Kiawa Mine (N. Mex.)
 Kieffer Quarry (Penna.)
 Killdeer Mountains (N. Dak.)
 King Mountain Area (Texas)
 King No. 1 Claim (Ariz.)
 King Solomon Mine (Mont.)
 King Solomon Ridge Claim (Mont.)
 King Solomon Ridge Group (Mont.)
 King Tutt Mesa (Ariz.—N. Mex.)
 Kings Mountain Area (N. C.)
 Kings River Valley (Nev.)
 Kinusta District (Ariz.)
 Kinusta Mesa (Ariz.)
 x Tree Mesa (Ariz.)

Kirk Mine (Colo.)
 Kirtland Quadrangle (N. Mex.)
 Kitten No. 1 Claim (Ariz.)
 Kittie Burton Mine (Idaho)
 Kiwalik-Buckland District (Alaska)
see Buckland-Kiwalik District (Alaska)
 Knob Creek Monazite Placer (N. C.)
 Knob Creek Placer Deposits (N. C.)
 Knoll Claim (Colo.)
 Kolar Gold Field Mines (India)
 Koley Black Area (Ariz.)
 Koley Claim No. 2 (Ariz.)
 Kolob Terrace Area (Utah)
 Komi
see Soviet Union (Komi)

Korea

Kougarok Area (Alaska)
 Koyuk District (Alaska)
 Koyukuk River (Alaska)
 Kraft-Orser Mine (Ontario)
see Orser-Kraft Mine (Ontario)

Kramer Hills Area (Calif.)
 Kratki Iron Mine (Utah)
 Kruidfontein Diatreme (Union of South Africa)
 Kuskokwim Region (Alaska)
 Kwiniuk River Area (Alaska)

L

L. M. McCall Mine (N. C.)
 La Blanca Mine (N. Mex.)
 La Dron Mountains (N. Mex.)
 La Fortuna Mine (Ariz.)
 La Joya Grant Prospect (N. Mex.)
 La Plata Mountains (Colo.)
 La Profunda Mine (Spain)
 La Sal Creek Area (Colo.—Utah)
 La Sal Junction—Browns Hole Group (Utah)
see Browns Hole—La Sal Junction Group (Utah)
 La Sal Mine (Utah)
 La Sal Mountains (Utah)
 La Sal No. 1 Mine (Colo.)
 La Ventana Area (N. Mex.)

La Ventana Mesa (N. Mex.)
 La Vesta Prospect (Utah)
 La Veta Pass Area (Colo.)
 La Veta Prospect (Utah)
 Ladrón-Lemitar Area (N. Mex.)
see Lemitar-Ladrón Area (N. Mex.)

Ladwig Property (Colo.)
 Laguna Area (N. Mex.)
 Laguna Indian Reservation (N. Mex.)
 Laguna Quadrangle (N. Mex.)
 Lake Athabaska Area (Saskatchewan)
 Lake Clark Region (Alaska)
 Lake George Mining District (Colo.)
 Laketown Canyon (Utah)
 Lakeview Section (Calif.)
 Lakota Formation

(This heading may be modified by location in the form Lakota Formation (S. Dak.).)

Lakota Formation (S. Dak.)
 Lakota Formation (Wyo.)
 Lamartine District (Colo.)
 Lameirao Concession (Portugal)
 x Cabeco Alto Concession (Portugal)
 Lance Creek Area (Wyo.)
 Lance Formation

(This heading may be modified by location in the form Lance Formation (Wyo.).)

Lance Formation (Wyo.)
 Land Pebble Field Area (Fla.)
 Land-Pebble Phosphate District (Fla.)
 x Brewster Area (Fla.)
 Mulberry Area (Fla.)

Langford Deposit (N. Mex.)
 Laprele Area (Wyo.)
 Laramie Formation (Wyo.)
 Las Vegas District (N. Mex.)
 Las Vegas-Pecos Area (N. Mex.)
 Lassen Volcanic National Park (Calif.)
 Last Chance Claim (Colo.)
 Last Chance Claim (Mont.)
 Last Day Mine (Colo.)
 Lauer-Swanson Property (N. Mex.)
see Swanson-Lauer Property (N. Mex.)

Lawson District (Colo.)
 Lawson-Dumont District (Colo.)
 Lawsons Fork Creek Area (S. C.)
 Layland Canyon (Wyo.)
 Leach Claims (N. Mex.)
 Lebanon
 Lee Formation

(This heading may be modified by location in the form Lee Formation (Ky.).)

Lee Formation (Ky.)
 Lee Formation (W. Va.)
 Leeds-Cobb Mine Area (Utah)
 Leeds Mine (Utah)
 Lees Ferry Area (Ariz.)
 Lees Ferry Quadrangle (Ariz.)
 Legal Tender Mine (Mont.)
 Legin Group (Colo.)
 Legin Group Area (Colo.)
 Leitch Claims (Mich.)
 Lemhi Pass District (Idaho—Mont.)
 Lemitar-Ladrón Area (N. Mex.)
 Lemoreaux-Garm Mine (Idaho)
see Garm-Lemoreaux Mine (Idaho)

Lena No. 1 Claim (Ariz.)
 Lena River (Siberia)
 Leopard Creek Canyon (Colo.)
 Leopold-Tyrone District (N. Mex.)
see Tyrone-Leopold District (N. Mex.)
 Leopoldo Coco Mine (N. Mex.)

Lewis C. Mundy Claim (Colo.)
 Leyden Prospect (Colo.)
 Liberia
 Liberty Claim (Utah)
 Libya
 Lightner Creek District (Colo.)
 Lignite Deposits

(This heading may be modified by location in the form Lignite Deposits (S. Dak.).)

Lignite Deposits (Calif.)
 Lignite Deposits (Colo.)
 Lignite Deposits (Idaho)
 Lignite Deposits (Mont.)
 Lignite Deposits (Nev.)
 Lignite Deposits (N. Dak.)
 Lignite Deposits (Oreg.)
 Lignite Deposits (S. Dak.)
 Lignite Deposits (U. S.)
 Lignite Deposits (Utah)
 Lignite Deposits (Wyo.)
 Limestone Deposits

(This heading may be modified by location in the form Limestone Deposits (Idaho).)

Limestone Deposits (Alaska)
 Limestone Deposits (Ariz.)
 Limestone Deposits (Colo.)
 Limestone Deposits (Idaho)
 Limestone Deposits (Iowa)
 Limestone Deposits (Kan.)
 Limestone Deposits (Mo.)
 Limestone Deposits (Nev.)
 Limestone Deposits (N. J.)
 Limestone Deposits (N. Mex.)
 Limestone Deposits (Tex.)
 Limestone Deposits (U. S.)
 Limestone Deposits (Utah)
 Limestone Deposits (Wyo.)
 Limonite Deposits
 Limonite Deposits (Colo.)
 Limonite Deposits (Utah)
 Limonite Deposits (Wyo.)
 Lincoln Claim, A. (Mont.)

see A. Lincoln Claim (Mont.)

Linda Lee-Nancy Ann Claim (Utah)

see Nancy Ann-Linda Lee Claim (Utah)

Lindy Claim (Mont.)
 Lindy Mine (Colo.)
 Lipman Quarry (Penna.)
 Lippincott Mine (Calif.)
 Lisbon Anticline (Utah)
 Lisbon Valley Area (Colo.-Utah)
 Little Belt Mountains (Mont.)
 Little Brown Egg Claims (Mont.)
 Little Cone Quadrangle (Colo.)
 Little Dick Mines (Colo.)
 Little Doe Claim (Ariz.)
 Little Gypsum Valley (Colo.)
 Little Horn Claim (S. Dak.)
 Little Johnnie Claims (Colo.)
 Little Mac Claim (Colo.)

see Robineau Claims (Colo.)

Little Mariel Claim (Colo.)
 Little Peter Claim (Utah)
 Little Pick Claim (Colo.)
 Little Pittsburg Claims (Utah)
 Little Pittsburg Mines (Utah)
 Little Rockies District (Utah)
 Little Rocky Mountains Area (Mont.)
 Little Roy-Gertrude Group (Colo.)
 Little Valley Area (Idaho)

see Gold Fork Placer Areas (Idaho)

Little Valley Group (Utah)

Little Wild Horse Mesa (Utah)
 Littlerock Creek Area (Wyo.)
 Live Oak Tank Area (Calif.)
 Livengood Quadrangle (Alaska)
 Liverpool Mine (Mont.)
 Loa Quadrangle (Utah)
 Lockhart Canyon (Utah)
 Lockhart Canyon Area (Utah)
 Lockhart Claim (Utah)
 Lockland Area (Ohio)
 Lode Deposits

see Vein Deposits

Lodgepole Area (S. Dak.)
 Lone Eagle Mine (Mont.)
 Lone Star No. 1 Claim (Colo.)
 Lone Tree Claim (Utah)
 Lone Tree Group (Utah)
 Long Area (Alaska)
 Long Canyon Group (Utah)
 Long John Claim (Colo.)
 Long Lease Mine (Nev.)
 Long Mountain Area (S. Dak.)
 Long Park Locality (Colo.)

see Uravan District (Colo.)

Long Ridge Group (Colo.)
 Long Valley District (Idaho)
 Lookout Claims (Mont.)
 Lookout Claims (Utah)
 Lookout Lode Claim (Calif.)
 Lookout Mine (Colo.)
 Lordsburg Area (N. Mex.)
 Los Alamos Area (N. Mex.)
 Los Angeles
 Los Animas Arch (Colo.)
 Los Chañares Area (Argentina)
 Los Gigantes District (Ariz.)
 Lost Creek Area (Wyo.)
 Lost Group (Colo.)
 Lost River Area (Alaska)
 Lost Sheep Claim (Utah)
 Lost Spring Mountain Quadrangle (Ariz.)
 Louis Claim (Utah)
 Louis Pinget Claim (Colo.)
 Louisiana

(This heading may be modified by parish in the form Louisiana (Bienville Par.).)

Louisiana (Bienville Par.)
 Lowe Property (Fla.)
 Lower Bear Valley (Waho)

see Bear Valley District (Idaho)

Lower Fraction Claim (Colo.)
 Lower Gold Fork Area (Waho)

see Gold Fork Placer Areas (Idaho)

Lower Group (Colo.)
 Lower Summit Mine (Ariz.)
 Lower Uncompahgre District (Colo.)

see also Upper Uncompahgre District (Colo.)

xx Uncompahgre Uplift Area (Colo.)
 Upper Uncompahgre District (Colo.)

Lower Wild Horse Point Area (Utah)
 Lower Yukon Area (Alaska)

x Yukon Area (Alaska)

Lucas-Smith Incline Mine (Utah)

see Smith-Lucas Incline Mine (Utah)

Lucero Uplift Area (N. Mex.)
 Lucian B. Burley Tract (Va.)
 Lucky Break Mine (Colo.)
 Lucky Louie Claim (Utah)
 Lucky Mc Claims (Wyo.)
 Lucky Mc Mine No. 1 (Wyo.)
 Lucky Mc Mine No. 2 (Wyo.)
 Lucky Ruby Claims (Utah)

Lucky Star Claim (Calif.)
 Lucky Strike Claim (Ariz.)
 Lucky Strike Claims (Colo.)
 Lucky Strike Claims (Idaho—Mont.)
 Lucky Strike Claims (Utah)
 Lucky Strike No. 2 Mine (Utah)
 Lucky Uranium Deposit (Wyo.)
 Lucy Claim (S. Dak.)
 Ludlow Formation

(This heading may be modified by location in the form Ludlow Formation (S. Dak.))

Ludlow Formation (N. Dak.)
 Ludlow Formation (S. Dak.)
 Lukachukai District (Ariz.)
 Lukachukai Mountains (Ariz.)
 Lulu Belle Claims (Ariz.)
 Lumsden Group (Colo.)
 Lurisia Area (Italy)
 Lurisia District (Italy)
 Lynn Group (Utah)

(Referred to in some reports as part of the Bulloch Group (Utah), which see for additional information.)

xx Bulloch Group (Utah)
 Orderville Gulch Area (Utah)

M

M & G Mine (Mich.)
 M Day Claim (S. Dak.)
 McCalla Placer Area (Mont.)
 McDevitt Mining District (Idaho)
 McElmo District (Colo.)
 McFadden Peak Quadrangle (Ariz.)
 McGraw Mine (Wyo.)
 McGuire Lode Claim (Colo.)
 McIntyre Canyon Area (Utah)
 McKenney—Armeson Property (Mont.)
see Armeson—McKenney Property (Mont.)
 McKinley Mountain Area (Colo.)
 McKinney Mine (N. C.)
 McLean Bay Deposit (Northwest Territories)
 McLeansboro Formation

(Pennsylvanian, of Ill. and western Ky. This heading may be modified by location in the form McLeansboro Formation (Ill.))

McLeansboro Formation (Ill.)
 McLeod Molybdenite Prospect (Alaska)
 McMillan Prospect (Ariz.)
 Madagascar

see Malagasy Republic

Madison Limestone
(Mont., Wyo., Idaho, northern Utah. This heading may be modified by location in the form Madison Limestone (Mont.))

Madison Limestone (Mont.)
 Madonna Mine (Colo.)
 Magdalena Group (N. Mex.)
 Maggie—Murphy Mine (Wyo.)
 Magnet Cove (Ark.)
 Magnet Cove Area (Ark.)
 Magnolia District (Colo.)
 Mahoning—Ozark Mill (Colo.)

see Ozark—Mahoning Mill (Colo.)

Maine
(This heading may be modified by county in the form Maine (York Co.))

Majuba Hill (Nev.)
 Majuba Hill Area (Nev.)
 Majuba Hill Mine (Nev.)
 Malagasy Republic
 Mamina District (Chile)
 Mammoth Mine (Colo.)
 Mancos—Egnar Area (Colo.)
 Manganese Deposits

(This heading may be modified by location in the form Manganese Deposits (Wyo.))

Manganese Deposits (Wyo.)
 Manganese Lake Deposit (Saskatchewan)
 Manley Hot Springs District (Alaska)
 Marble Canyon Area (Ariz.)
 Marble Mountain Area (N. J.)
 Margaret T. Claim (Mont.)
 Marie and Mary Claim (S. Dak.)
 Maroon Formation (Colo.)
 Marquette Range (Mich.)
 Marshall Area (Alaska)
 Marshall Islands
 Marshall Ranch (Calif.)
 Martha E Prospect (Colo.)
 x Elizabeth M Lode (Colo.)
 Martin Lake Deposit (Saskatchewan)
 Martin Lake Prospects (Saskatchewan)
 Martinez Mine (N. Mex.)
 Mary Jane Claim (Colo.)
 Mary Jane Draw Area (Colo.)
 Mary Kathleen Area (Australia)
 Maryland

(This heading may be modified by county in the form Maryland (Frederick Co.))

Maryland (Frederick Co.)
 Marysvale Area (Utah)
 Marysvale District (Utah)
 Marysville Area (Mont.)
 Masonville Mines (Colo.)
 Massachusetts

(This heading may be modified by county in the form Massachusetts (Polk Co.))

Massachusetts (Essex Co.)
 Massachusetts (Norfolk Co.)
 Matchless Claim (Colo.)
 Mauch Chunk Area (Penna.)
 Maud Claim (Utah)
 Maury Formation (Tenn.)
 Maury Shales (Tenn.)
 Maverick Group (Colo.)
 Maverick Group Area (Colo.)
 May No. 2 Claim (Ariz.)
 Maybell—Lay Area (Colo.)
 Mayday Group (Colo.)
 Mayday Mine (Colo.)
 Maynard Area (Mass.)
 Maynard Mining District (Ariz.)
 Mayoworth Area (Wyo.)
 Mayville Iron District (Wisc.)
 Meadow Creek Area (Idaho)
 Meadow Mine (Mont.)
 Medfra Quadrangle (Alaska)
 Media Mines (Colo.)
 Medicine Lake Highland Area (Calif.)
 Medicine Pole Hills Area (N. Dak.)
 Melbra Creek Bismuth Prospect (Alaska)
 Melrose District (Mont.)
 Memphis Claims (Utah)
 Mendenhall Area (S. Dak.)
 Mendenhall Strip Mine (S. Dak.)
 Mercantile Group (Colo.)
 Merced River Valley (Calif.)
 Merry Widow Claim (N. Mex.)
 Merry Widow Mine (N. Mex.)
 Mesa 1 (Ariz.)
 Mesa 1½ (Ariz.)
 Mesa 2 (Ariz.)
 Mesa 2½ (Ariz.)
 Mesa 3 (Ariz.)
 Mesa 4 (Ariz.)
 Mesa 4½ (Ariz.)

Mesa 5 (Ariz.)
 Mesa 6 (Ariz.)
 Mesa 7 (Ariz.)
 Mesa 6 Area (Ariz.)
 Mesa Top Mine (N. Mex.)
 Mesaverde Formation

(This heading may be modified by location in the form Mesaverde Formation (Utah))

Mesaverde Formation (Ariz.)
 Mesaverde Formation (Mont.)
 Mesaverde Formation (N. Mex.)
 Mesaverde Formation (Utah)
 Mesaverde Formation (Wyo.)
 Mescal Mountains Area (Ariz.)
 Metamorphic Deposits

(This heading may be modified by location in the form Metamorphic Deposits (Morocco))

Metamorphic Deposits (Alaska)
 Metamorphic Deposits (Ariz.)
 Metamorphic Deposits (Calif.)
 Metamorphic Deposits (Idaho)
 Metamorphic Deposits (Italy)
 Metamorphic Deposits (Korea)
 Metamorphic Deposits (Mich.)
 Metamorphic Deposits (Minn.)
 Metamorphic Deposits (Morocco)
 Metamorphic Deposits (Netherlands East Indies)
 Metamorphic Deposits (N. Y.)
 Metamorphic Deposits (Southeast Asia)
 Metamorphic Deposits (Soviet Union)
 Metamorphic Deposits (Spain)
 Metamorphic Deposits (U. S.)
 Metamorphic Deposits (Utah)
 Metamorphic Deposits (Wis.)
 Mewis Copper Property (Wyo.)
 Mexican Cry District (Ariz.)
 Mexican Cry Mesa (Ariz.)
 Mexican Water Locality (Ariz.)
 Mexico

(This heading may be modified by state in the form Mexico (Chihuahua))

Mexico (Baja Calif.)
 Mexico (Chihuahua)
 Mexico (Nuevo León)
 Mexico (Puebla)
 Mexico Group (Colo.)
 Mi Vida Deposits (Utah)
 Mica Mountain Mica Mine (Nev.)
 Mica-Ruby Creek Quartz Schist (S. Dak.)

see Ruby Creek Quartz-Mica Schist (S. Dak.)

Mica-Ruddock Quartz-Feldspar Schist (S. Dak.)

see Ruddock Quartz-Mica-Feldspar Schist (S. Dak.)

Michael Claim (Ariz.)
 Michigan

(This heading may be modified by county in the form Michigan (Gratiot Co.))

Michigan (Alpena Co.)
 Michigan (Baraga Co.)
 Michigan (Dickinson Co.)
 Michigan (Houghton Co.)
 Michigan (Iron Co.)
 Michigan (Keweenaw Co.)
 Michigan (Marquette Co.)
 Michigan (Ontonagon Co.)
 Michigan Copper District (Mich.)
 x Keweenaw Peninsula (Mich.)
 Michigan, Lake
 Middle Group (Colo.)
 Middle Haddam Quadrangle (Conn.)
 Middle Park Area (Colo.)
 Middle Tygre River Area (S. C.)
 x Tygre River Area (S. C.)

Middletown Area (Conn.)
 Midnight Drilling Area (Colo.)
 Midnight Mine Area (Wash.)
 Mikado Claim (S. Dak.)
 Mike Doyle Prospect (Colo.)
 Mill Creek Area (Mont.)
 Miller Creek Area (Alaska)
 Miller Group Claims (N. Mex.)
 Miller Hill Area (Wyo.)
 Miller House Area (Alaska)
 Miller Mines (Ala.)
 Milton Area (Vt.)
 Mineral Deposits

(This heading may be modified by location in the form Mineral Deposits (N. Mex.))

Mineral Deposits (N. Dak.)
 Mineral Deposits (N. Mex.)
 Mineral Deposits (Utah)
 Mineral Hill District (Idaho)
 Mineral Point Area (Alaska)
 Mineville District (N. Y.)
 Minneapolis
 Minnekahta Quadrangle (S. Dak.)
 Minnelusa Formation

(This heading may be modified by location in the form Minnelusa Formation (S. Dak.))

Minnelusa Formation (S. Dak.)
 Minnesota
 Minnesota (Fillmore Co.)
 Mint Springs Claim (Utah)
 Miracle Mine (Calif.)
 Mississippi

(This heading may be modified by county in the form Mississippi (Stone Co.))

Mississippi (Stone Co.)
 Mississippi River Delta
 Missouri

(This heading may be modified by county in the form Missouri (Caldwell Co.))

Missouri (Madison Co.)
 Missouri (Pike Co.)
 Missouri (Ste. Genevieve Co.)
 Mistake Claim (Colo.)
 Mitchell Mesa (Ariz.)
 Mitt-Schmitt Prospect (Calif.)

see Schmitt-Mitt Prospect (Calif.)

Moab Bridge Area (Utah)
 Moab District (Utah)
 Moab Quadrangle (Utah)
 Moapa Vanadium Property (Nev.)
 Mocking Bird Claim (Colo.)
 Modoc Plateau Province (Calif.)
 Moenkopi Formation

(This heading may be modified by location in the form Moenkopi Formation (Utah))

Moenkopi Formation (Ariz.)
 Moenkopi Formation (Utah)
 Mohave Desert (Calif.)

see Mojave Desert (Calif.)

Mohawk No. 7 Prospect (Nev.)
 Mohawk River
 Mojave Desert (Calif.)
 x Mohave Desert (Calif.)
 Mojave Mining District (Calif.)
 Mokelumne-Jackson Hill (Calif.)

see Jackson-Mokelumne Hill (Calif.)

Monarch Claims (N. Mex.)
 Monazite Deposits

(This heading may be modified by location in the form Monazite Deposits (N. C.))

Monazite Deposits (Egypt)
 Monazite Deposits (Ga.)

Monazite Deposits (Idaho)
 Monazite Deposits (India)
 Monazite Deposits (Madagascar)
 Monazite Deposits (Mont.)
 Monazite Deposits (N. C.)
 Monazite Deposits (S. C.)
 Monazite Deposits (Union of South Africa)
 Monazite Deposits (U. S.)
 Monazite Deposits (Va.)
 Monazite Deposits (Wyo.)
 Monero-Chama Area (N. Mex.)

see Chama-Monero Area (N. Mex.)

Monogram Mesa Area (Colo.)

Monogram Mine (Colo.)

Monongahela Formation

(Pennsylvanian of western Penna., eastern Ohio, W. Va., and western

Md. and Va. This heading may be modified by location in the form

Monongahela Formation (Ohio).)

Monongahela Formation (Ohio)

Monongahela Formation (Penna.)

Monongahela Formation (W. Va.)

Monroe Quadrangle (Utah)

Montana

(This heading may be modified by county in the form Montana

(Carter Co.).)

Montana (Beaverhead Co.)

Montana (Big Horn Co.)

Montana (Blaine Co.)

Montana (Broadwater Co.)

Montana (Carbon Co.)

Montana (Carter Co.)

Montana (Deer Lodge Co.)

Montana (Fallon Co.)

Montana (Gallatin Co.)

Montana (Golden Valley Co.)

Montana (Granite Co.)

Montana (Jefferson Co.)

Montana (Lewis and Clark Co.)

Montana (Lincoln Co.)

Montana (Madison Co.)

Montana (Meagher Co.)

Montana (Phillips Co.)

Montana (Powell Co.)

Montana (Prairie Co.)

Montana (Ravalli Co.)

Montana (Silver Bow Co.)

Montana (Stillwater Co.)

Montana (Sweet Grass Co.)

Montana (Wheatland Co.)

Montana (Wibaux Co.)

Montana (Yellowstone Co.)

Monte Cristo Mine (Ariz.)

Monterey Bay (Calif.)

Montezuma Canyon Area (Utah)

Montezuma Canyon Groups (Utah)

Montezuma District (Colo.)

Montezuma Mine (Colo.)

Monticello District (Utah)

Montpelier Area (Idaho)

Monument Group (Utah)

Monument Hill Area (Wyo.)

Monument Mines (Ariz.)

Monument No. 1 Mine (Ariz.)

Monument Valley Area (Ariz.-Utah)

Monument Valley District (Ariz.)

Moody Claim (Utah)

Moon Claim (Idaho)

Moon Group (Colo.)

Moon Mesa (Colo.)

Moon Mesa Area (Colo.)

Mooney Claim (Mont.)

Moonlight Group (Nev.)

Moonlight Mine (Nev.)

Moore Claims (Wyo.)

Moose Pass-Hope Area (Alaska)

see Gulf of Alaska Region (Alaska)

Moqui Jug-Depression Group (Colo.)

Moqui Quadrangle (Colo.)

Morefield Mine (Va.)

Moriah Center Locality (N. Y.)

Morman Canyon Area (Wyo.)

Morocco

x French Morocco

Morrison Formation

(This heading may be modified by location in the form Morrison

Formation (Colo.).)

see also Brushy Basin Member

Recapture Member

Salt Wash Member

Westwater Canyon Member

xx Salt Wash Member

Morrison Formation (Ariz.)

Morrison Formation (Colo.)

Morrison Formation (Mont.)

Morrison Formation (N. Mex.)

Morrison Formation (S. Dak.)

Morrison Formation (Utah)

Morrison Formation (Wyo.)

Morrison Property (Ontario)

Mossback Member (Utah)

Mother Lode District (Calif.)

Mount Antero Region (Colo.)

Mount Belknap Series (Utah)

Mount Ellen Quadrangle (Utah)

Mt. Fairplay Area (Alaska)

see Tanacross Quadrangle (Alaska)

Mount Isa District (Australia)

Mount Lassen Area (Calif.)

Mount McKinley Area (Alaska)

Mount Michelson Area (Alaska)

Mount Peale Quadrangle (Colo.-Utah)

Mount Pisgah Uranium Deposits (Penna.)

Mount Spokane Area (Wash.)

Mount Taylor Area (N. Mex.)

Mountain Creek Area (S. C.)

Mountain Home Coal Mine (Wyo.)

Mountain Pass District (Calif.)

Mountain Queen Mine (Mont.)

Mountain View Property (Alaska)

Mowrie Shale

see Mowry Shale

Mowry Shale

(This heading may be modified by location in the form Mowry Shale

(Colo.).)

x Mowrie Shale

Mowry Shale (Colo.)

Mozambique

(Portuguese East Africa)

Mucha Grande Claim (Colo.)

Muchacho-Cargo Mountain Area (Calif.)

see Cargo-Muchacho Mountain Area (Calif.)

Mud Flats Placer Area (Idaho)

Muddy Mountain Area (Nev.)

Muddy River Area (Utah)

Mulberry Area (Fla.)

see Land-Pebble Phosphate District (Fla.)

Muleshoe Bend Locality (Colo.)

Muleshoe Claims (Utah)

Mulligan Quarry (N. J.)

x Clinton Area (N. J.)

Murmac Property (Ontario)

Murphy-Maggie Mine (Wyo.)

see Maggie-Murphy Mine (Wyo.)

My Creek Area (Alaska)

Mystery Claim (Colo.)
Myton Area (Utah)

N

Nabesna Mine (Alaska)
Nacimiento District (N. Mex.)
Nakai Chee Begay Claim (Ariz.)
Namaqualand (Union of South Africa)
Nancy Ann—Linda Lee Claim (Utah)
Naschitti Quadrangle (N. Mex.)
Nash Car Area (Utah)
Natalia Claim (Ariz.)
Nation Area (Alaska)
Natural Waters

(This heading may be modified by location in the form Natural Waters (Wyo.))

Natural Waters (Colo.)
Natural Waters (Hungary)
Natural Waters (Kan.)
Natural Waters (N. Mex.)
Natural Waters (Okla.)
Natural Waters (U. S.)
Natural Waters (Wyo.)
Naturita N. W. Quadrangle (Colo.)
Naturite Creek (Colo.)
Navajo Indian Reservation (Ariz.—N. Mex.—Utah)
Navajo Mountain Quadrangle (Ariz.—Utah)
Navajo Sandstone

(Jurassic of northern Ariz., southeastern Utah, western Colo. and extreme northwestern N. Mex. This heading may be modified by location in the form Navajo Sandstone (Colo.))

xx Glen Canyon Group

Navajo Sandstone (Ariz.)
Navajo Sandstone (Utah)
Nebraska

(This heading may be modified by county in the form Nebraska (Sioux Co.))

Ned Claim (Colo.)
Nelson Claims (Utah)
Nelson—Sunnyside Mine Area (N. Mex.)
Nelson Ware Mine (Ala.)
Netherlands

Netherlands East Indies

see Indonesia

Netherlands Guiana

see Surinam

Nevada

(This heading may be modified by county in the form Nevada (Nye Co.))

Nevada (Churchill Co.)
Nevada (Clark Co.)
Nevada (Dr. Glas Co.)
Nevada (Elko Co.)
Nevada (Esmeralda Co.)
Nevada (Eureka Co.)
Nevada (Humboldt Co.)
Nevada (Lander Co.)
Nevada (Lincoln Co.)
Nevada (Lyon Co.)
Nevada (Mineral Co.)
Nevada (Nye Co.)
Nevada (Ormsby Co.)
Nevada (Pershing Co.)
Nevada (Storey Co.)
Nevada (Washoe Co.)
Nevada (White Pine Co.)
Nevada Claim (Utah)
Nevada Proving Grounds
Nevada Proving Grounds Area

New Brunswick

xx Canada

New Crow Hill Mine (England)
New Discovery Lode (Colo.)
New England Region
New Hampshire

(This heading may be modified by county in the form New Hampshire (Grafton Co.))

New Hampshire (Grafton Co.)
New Hope Claims (Wyo.)
New Jersey

(This heading may be modified by county in the form New Jersey (Morris Co.))

New Jersey (Hunterdon Co.)
New Jersey (Morris Co.)
New Jersey (Sussex Co.)
New Jersey (Warren Co.)
New Mexico

(This heading may be modified by county in the form New Mexico (McKinley Co.))

New Mexico (Bernalillo Co.)
New Mexico (Catron Co.)
New Mexico (Chaves Co.)
New Mexico (Colfax Co.)
New Mexico (Curry Co.)
New Mexico (De Baca Co.)
New Mexico (Dona Ana Co.)
New Mexico (Eddy Co.)
New Mexico (Grant Co.)
New Mexico (Guadalupe Co.)
New Mexico (Harding Co.)
New Mexico (Hidalgo Co.)
New Mexico (Lea Co.)
New Mexico (Lincoln Co.)
New Mexico (Los Alamos Co.)
New Mexico (Luna Co.)
New Mexico (McKinley Co.)
New Mexico (Mora Co.)
New Mexico (Otero Co.)
New Mexico (Quay Co.)
New Mexico (Rio Arriba Co.)
New Mexico (Roosevelt Co.)
New Mexico (San Juan Co.)
New Mexico (San Miguel Co.)
New Mexico (Sandoval Co.)
New Mexico (Santa Fe Co.)
New Mexico (Sierra Co.)
New Mexico (Socorro Co.)
New Mexico (Taos Co.)
New Mexico (Torrance Co.)
New Mexico (Union Co.)
New Mexico (Valencia Co.)
New Yellow Spot Claims (Colo.)
New York

(This heading may be modified by county in the form New York (Westchester Co.))

New York (Clinton Co.)
New York (Essex Co.)
New York (Putnam Co.)
New York (St. Lawrence Co.)
New York (Westchester Co.)
New Zealand
Newhall Prospect (Calif.)
Niari Basin (Congo Republic)
Nicholson Area (Saskatchewan)
Nicholson Mine (Saskatchewan)
Nicholson Property (Saskatchewan)
Nickelodeon Claim (Mont.)
Nigeria
Nigger Hill (Colo.)
Nigger Shaft (Colo.)
Niobrara Formation

(Upper Cretaceous Neb., S. Dak., N. Dak., central southern and southeastern Mont., eastern Wyo. and Colo., northeastern N. Mex.,

Kan , and southern Minn This heading may be modified by location in the form Niobrara Formation (N Dak))

Niobrara Formation (Colo.)

Niobrara Formation (Kan.)

Niobrara Formation (Neb.)

Niobrara Formation (N. Dak.)

Niobrara Formation (S. Dak.)

Nipissing District (Ontario)

see Ontario (Nipissing District)

Nisto Prospect (Saskatchewan)

Niue Island

Nixon Fork Area (Alaska)

Nixon Fork Mining District (Alaska)

No Luck Claim (S. Dak.)

No Name Canyon Area (Utah)

Nokai Dome (Utah)

see Balanced Rock Anticline (Utah)

Nokai Mesa (Ariz.—Utah)

Nome District (Alaska)

Nonella Claim (Utah)

Nonesuch Shale

(This heading may be modified by location in the form Nonesuch Shale (Mich.))

Nonesuch Shale (Mich.)

Noralyn Mine (Fla.)

Norma Claim (Colo.)

Norma Jean Group (Colo.)

Norma Jean No. 1 Mine (Colo.)

North Africa

North America

North Carolina

(This heading may be modified by county in the form North Carolina (Jackson Co))

North Carolina (Burke Co.)

North Carolina (Cleveland Co.)

North Carolina (Henderson Co.)

North Carolina (Iredell Co.)

North Carolina (Jackson Co.)

North Carolina (Lincoln Co.)

North Carolina (Madison Co.)

North Carolina (McDowell Co.)

North Carolina (Mitchell Co.)

North Carolina (Rutherford Co.)

North Carolina (Transylvania Co.)

North Carolina (Wilkes Co.)

North Cave Hills (S. Dak.)

see Cave Hills (S. Dak.)

North Continent Claims (Colo.)

North Dakota

(This heading may be modified by county in the form North Dakota (Slope Co))

North Dakota (Billings Co.)

North Dakota (Bowman Co.)

North Dakota (Dunn Co.)

North Dakota (Golden Valley Co.)

North Dakota (Slope Co.)

North Dakota (Williams Co.)

North Dry Valley (Idaho)

North Empire District (Colo.)

xx Empire District (Colo.)

North Fork Group (Utah)

North Fork—Shoup District (Idaho)

North Gilpin County Mining District (Colo.)

x Gilpin County Mining District (Colo.)

North Laramie Peak Area (Wyo.)

North Mesa Area (Utah)

North Midnight Mine (Colo.)

North Park Area (Colo.)

North Park Formation

(North Park, Colo. and Hanna Basin, Wyo. The heading may be modified by location in the form North Park Formation (Colo.))

North Park Formation (Colo.)

North Park Formation (Wyo.)

North Point Claim (Utah)

North Point No. 6 Area (Utah)

North Rabon Creek Area (S. C.)

x Rabon Creek Area (S. C.)

North Star Claim (Utah)

North Star Mine (Alaska)

North Star Mine (Colo.)

North Tygre River Area (S. C.)

x Tygre River Area (S. C.)

North Wash District (Utah)

Northern Black Hills (S. Dak.)

xx Black Hills (S. Dak.)

Northern Black Hills (Wyo.)

x Black Hills (Wyo.)

Northern Black Hills Mineral Area (S. Dak.)

Northern Boulder Batholith Region (Mont.)

Northern Elkhorn Mountains (Mont.)

Northern Highland Rim (Tenn.)

x Highland Rim (Tenn.)

Northern Ireland

(This heading may be modified by location in the form Northern Ireland (Antrim))

x United Kingdom

xx Great Britain

Northern Ireland (Antrim)

Northern Rhodesia

Northern Sacramento Mountains (N. Mex.)

Northwest Camzo Area

see Carrizo Mountains (Ariz.—N. Mex.—Utah)

Northwest Territories

Northwest Willys Group (Nev.)

xx West Willys Group (Nev.)

Norway

Norwegian Sea

Norwood Quadrangle (Colo.)

Norwood-Uravan Area (Colo.)

Notch Canyon Area (Utah)

Notom Quadrangle (Utah)

Nova Scotia

Nucla District (Colo.)

Nucleus Group (Colo.)

Nuclear Sniffer No. 1 Prospect (Utah)

Nuka Bay (Alaska)

see Gulf of Alaska Region (Alaska)

Nyasaland

O

Oak Creek Prospect (Utah)

Oak Ridge

Oak Ridge Fold District (Colo.)

Oak Springs Area (Ariz.)

Oak Springs Area (N. Mex.)

Oakie No. 6 Claim (Utah)

Oakville Deposits (Texas)

Oarbutt Group (Utah)

Oconee River District (Ga.)

Ohio

(This heading may be modified by county in the form Ohio (Clinton Co.))

Ohio (Clinton Co.)

Ohio River

Oil Deposits

(This heading may be modified by location in the form Oil Deposits (Kan.))

Oil Deposits (Kan.)

Oil Deposits (Texas)

Oil Shales

(This heading may be modified by location in the form Oil Shales (Tenn.))

Oil Shales (Tenn.)

Oil Shales (U. S.)

Oiler Tunnel (Utah)

- x Blue Bird Claims (Utah)
- Oyler Mine (Utah)

Oklahoma

(This heading may be modified by county in the form Oklahoma (Ellis Co.).)

Oklahoma (Ellis Co.)

Olancha Area (Calif.)

Old Dad Prospect (Nev.)

Old Leyden Mine (Colo.)

Old Mike Mine (S. Dak.)

Old Quaker Workings (Colo.)

Oljeto Mesa (Utah)

see Oljetoh Mesa (Utah)

Oljetoh Mesa (Utah)

- x Oljeto Mesa (Utah)

Omega Mine (Colo.)

Ontario

(This heading may be modified by county in the form Ontario (Hastings Co.).)

Ontario (Haliburton Co.)

Ontario (Hastings Co.)

Ontario (Lanark Co.)

Ontario (Nipissing District)

Ontario (Parry Sound District)

Opera Box Group (Colo.)

Ophelia Claim (S. Dak.)

Ophir Locality (Colo.)

see Uravan District (Colo.)

Oquirrh Range (Utah)

Orange Cliffs Quadrangle (Utah)

Orange Hill (Alaska)

Orange River Area (Union of South Africa)

Orderville Canyon Quadrangle (Utah)

Orderville Gulch Area (Utah)

see also Bulloch Group (Utah)

Jeanie Group (Utah)

Lynn Group (Utah)

Oregon

(This heading may be modified by county in the form Oregon (Morrow Co.).)

Oregon (Baker Co.)

Oregon (Coos Co.)

Oregon (Douglas Co.)

Oregon (Grant Co.)

Oregon (Jackson Co.)

Oregon (Malheur Co.)

Oregon (Morrow Co.)

Oregon Buttes (Wyo.)

Organ Member (Utah)

Original Spor Group (Utah)

see Fluorite Group (Utah)

Oriole Claim (Wyo.)

Orion Mine (Colo.)

Oro Mine (Mont.)

Orofino Area (Idaho)

Orphan Boy Mine (Colo.)

Orphan Claim (Ariz.)

Orser-Kraft Mine (Ontario)

Ossabaw Island (Ga.)

Otero Claim (Colo.)

Ottawa River

Oulan-Abdoun Basin (Morocco)

Ouray Hot Springs (Colo.)

Outlaw Group (Colo.)

Outlaw Mesa (Colo.)

Oversight Mine (Utah)

Overton Property (Nev.)

Ownbey Property (Colo.)

Oyler Mine (Utah)

see Oiler Tunnel (Utah)

Ozark-Mahoning Mill (Colo.)

P

Pacific Grove Area (Calif.)

Pacific Ocean

Pacific Proving Grounds

see Eniwetok Proving Grounds

Pacolet River Area (S. C.)

Paddy Flat Claim (Idaho)

Page Mine (Idaho)

Pahasapa Limestone

(Lower Mississippian of western S. Dak. and northeastern Wyo. This heading may be modified by location in the form Pahasapa Limestone (S. Dak.).)

Pahasapa Limestone (S. Dak.)

Painted Desert Area (Ariz.)

Pajarito District (Ariz.)

Pakistan

Palisade Area (Colo.)

Palm Springs Area (Calif.)

Palmer Area (Mich.)

Pampa Larga Region (Chile)

Pamplona Region (Colombia)

Panaca Area (Nev.)

Panama

Panhandle (Okla.)

Panhandle Area (Texas)

- x Amarillo District (Texas)

Panther Canyon Area (Nev.)

Paonia Area (Colo.)

Papago Mining District (Ariz.)

Papsy's Hope No. 2 Claim (Utah)

Papsy's Hope Prospect (Utah)

Papua Territory

see Australia (Papua Territory)

Paradise Prospect (Nev.)

Paradox District

Paradox District (Colo.)

Paradox Member

(This heading may be modified by location in the form Paradox Member (Colo.).)

see also Hermosa Formation

Paradox Member (Colo.)

Paradox Member (Utah)

Paradox Quadrangle (Colo.)

Paraguay

Paria Mining District (Utah)

Paria Plateau Quadrangle (Ariz.)

Paria Quadrangle (Ariz.-Utah)

Paria Road Claims (Utah)

Paris Canyon (Idaho)

Park City Formation (Utah)

Parker Creek Canyon (Ariz.)

Parker (Eldridge) Area (Idaho)

Parrot Group (Colo.)

Parry Sound District (Ontario)

see Ontario (Parry Sound District)

Pastora Peak District (Ariz.-N. Mex.)

Pastura-Pintada District (N. Mex.)

see Pintada-Pastura District (N. Mex.)

Patagonia Area (Ariz.)

Patterson Spring Show (Colo.)

Pauway Mine (Fla.)

Pawnee Mine (Calif.)

Paxson Area (Alaska)

Pay Day Claim (Utah)

(Located in western Emery Co., near the Muddy River.)

Payday Mine (Utah)

(Located in the Beaver Creek Mesa District in eastern Grand Co.)

Payette Formation

(This heading may be modified by location in the form Payette Formation (Idaho).)

Payette Formation (Idaho)
 Payette Formation (Nev.)
 Paymaster Mine (Calif.)
 Paystreak Group (Colo.)
 Peace River Area (Alaska)
 Peace River Headwaters Area (Alaska)
 Peace Valley Mine (Fla.)
 Peanut Mine (Colo.)
 Pearsol Valley (Idaho)
 Pearson Canyon Group (Utah)
 Pecos-Las Vegas Area (N. Mex.)
 see Las Vegas-Pecos Area (N. Mex.)
 Pedad Prospect (Colo.)
 Pedro Dome Area (Alaska)
 Peerless Mine (S. Dak.)
 Peg Leg No. 2 Mine (Colo.)
Pegmatite Deposits
 (This heading may be modified by location in the form Pegmatite Deposits (Peru).)
 see also Granite Deposits
 Igneous Deposits
 xx Granite Deposits
 Igneous Deposits
 Pegmatite Deposits (Alaska)
 Pegmatite Deposits (Argentina)
 Pegmatite Deposits (Ariz.)
 Pegmatite Deposits (Australia)
 Pegmatite Deposits (Bolivia)
 Pegmatite Deposits (Brazil)
 Pegmatite Deposits (Calif.)
 Pegmatite Deposits (Ceylon)
 Pegmatite Deposits (China)
 Pegmatite Deposits (Colombia)
 Pegmatite Deposits (Colo.)
 Pegmatite Deposits (Congo Republic)
 Pegmatite Deposits (Conn.)
 Pegmatite Deposits (Czechoslovakia-Germany)
 Pegmatite Deposits (Finland)
 Pegmatite Deposits (Greenland)
 Pegmatite Deposits (Idaho)
 Pegmatite Deposits (India)
 Pegmatite Deposits (Italy)
 Pegmatite Deposits (Japan)
 Pegmatite Deposits (Korea)
 Pegmatite Deposits (Malagasy)
 Pegmatite Deposits (Manitoba)
 Pegmatite Deposits (Mass.)
 Pegmatite Deposits (Mont.)
 Pegmatite Deposits (Mozambique)
 Pegmatite Deposits (Netherlands East Indies)
 Pegmatite Deposits (New England)
 Pegmatite Deposits (N. Mex.)
 Pegmatite Deposits (N. Y.)
 Pegmatite Deposits (N. C.)
 Pegmatite Deposits (Norway)
 Pegmatite Deposits (Ontario)
 Pegmatite Deposits (Penna.)
 Pegmatite Deposits (Peru)
 Pegmatite Deposits (Portugal)
 Pegmatite Deposits (Quebec)
 Pegmatite Deposits (Rhodesia)
 Pegmatite Deposits (Saskatchewan)
 Pegmatite Deposits (Scotland)
 Pegmatite Deposits (S. Dak.)
 Pegmatite Deposits (S. W. Africa Protectorate)
 Pegmatite Deposits (Southeast Asia)
 Pegmatite Deposits (Soviet Union)
 Pegmatite Deposits (Spain)
 Pegmatite Deposits (Sweden)
 Pegmatite Deposits (Tanganyika)
 Pegmatite Deposits (Union of South Africa)

Pegmatite Deposits (U. S.)
 Pegmatite Deposits (Venezuela)
 Pegmatite Deposits (Wyo.)
Peneconcordant Deposits

(This heading may be modified by location in the form Peneconcordant Deposits (Colo.).)

Penn Haven Junction (Penna.)
Pennsylvania

(This heading may be modified by county in the form Pennsylvania (Chester Co.).)

Pennsylvania (Beaver Co.)
 Pennsylvania (Bucks Co.)
 Pennsylvania (Carbon Co.)
 Pennsylvania (Chester Co.)
 Pennsylvania (Clearfield Co.)
 Pennsylvania (Columbia Co.)
 Pennsylvania (Dauphin Co.)
 Pennsylvania (Jefferson Co.)
 Pennsylvania (Lackawanna Co.)
 Pennsylvania (Lebanon Co.)
 Pennsylvania (Luzerne Co.)
 Pennsylvania (Northampton Co.)
 Pennsylvania (Northumberland Co.)
 Pennsylvania (Schuylkill Co.)
Pennsylvanian Black Shales

(This heading may be modified by location in the form Pennsylvania Black Shales (Okla.).)

Pennsylvanian Black Shales (Okla.)
 Peoples Valley Mine (Ariz.)
 Perch Lake (Ontario)
 Peru
 Petaca Area (N. Mex.)
 Peterino Claims (Utah)
 Peters Creek Area (Alaska)
 Petrified Forest Area (Ariz.)
 Pettit Ranch Area (Calif.)
 Philippine Islands
 Phillips Pyrite Mine (N. Y.)
 Phoenix Islands
Phosphate Deposits

(This heading may be modified by location in the form Phosphate Deposits (North Africa).)

Phosphate Deposits (Ala.)
 Phosphate Deposits (Alaska)
 Phosphate Deposits (Fla.)
 Phosphate Deposits (Ga.)
 Phosphate Deposits (Idaho)
 Phosphate Deposits (Mont.)
 Phosphate Deposits (Morocco)
 Phosphate Deposits (Nev.)
 Phosphate Deposits (N. Africa)
 Phosphate Deposits (S. C.)
 Phosphate Deposits (Soviet Union)
 Phosphate Deposits (U. S.)
 Phosphate Deposits (Utah)
 Phosphate Deposits (Wyo.)
Phosphoria Formation

(This heading may be modified by location in the form Phosphoria Formation (Mont.).)

Phosphoria Formation (Fla.)
 Phosphoria Formation (Idaho)
 Phosphoria Formation (Mont.)
 Phosphoria Formation (U. S.)
 Phosphoria Formation (Utah)
 Phosphoria Formation (Wyo.)
 Pictograph Claim (S. Dak.)
 Picuris Area (N. Mex.)
 Pidotite Claim (N. Mex.)
 Piedmont Belt
Pierre Shale Formation

(Upper Cretaceous in S. Dak., N. Dak., eastern Wyo., eastern Mont., eastern Colo., Neb., and western Minn. This heading may be modified by location in the form Pierre Shale Formation (N. Dak.).)

Pierre Shale Formation (Colo.)
 Pierre Shale Formation (Kan.)
 Pierre Shale Formation (Neb.)
 Pierre Shale Formation (N. Dak.)
 Pierre Shale Formation (S. Dak.)
 Pigalle Claim (S. Dak.)
 Pine Creek (Wyo.)
 Pine Mountain Mine (N. C.)
 Pine Mountain Quadrangle (Colo.)
 Piney Creek Area (Colo.)
 Pink Mine (N. C.)
 Pinos Altos District (N. Mex.)
 Pintada-Pastura District (N. Mex.)
 Pinto-Chinle Area (Ariz.)
 Pioche Area (Nev.)
 Pitchblende Deposits

(This heading may be modified by location in the form Pitchblende Deposits (Colo.))

Pitchblende Deposits (Argentina)
 Pitchblende Deposits (Colo.)
 Pitchblende Deposits (France)
 Pitchblende Deposits (Italy)
 Pitchfork Claims (Colo.)
 Pitchfork Mine (Colo.)
 Pittsburg Horizon (Utah)
 Piute Farms (Utah)
 Placer De Guadalupe District (Mexico)
 Placer Deposits

(This heading may be modified by location in the form Placer Deposits (Ceylon))

x Alluvial Deposits

Placer Deposits (Australia)
 Placer Deposits (Brazil)
 Placer Deposits (Calif.)
 Placer Deposits (Ceylon)
 Placer Deposits (Colo.)
 Placer Deposits (Czechoslovakia)
 Placer Deposits (East Indies)
 Placer Deposits (Fla.)
 Placer Deposits (Ga.)
 Placer Deposits (Gold Coast)
 Placer Deposits (Idaho)
 Placer Deposits (India)
 Placer Deposits (Italian Somaliland)
 Placer Deposits (Japan)
 Placer Deposits (Korea)
 Placer Deposits (Madagascar)
 Placer Deposits (Mexico)
 Placer Deposits (Mont.)
 Placer Deposits (Mozambique)
 Placer Deposits (Netherlands East Indies)
 Placer Deposits (Nev.)
 Placer Deposits (New Zealand)
 Placer Deposits (Nigeria)
 Placer Deposits (N. C.)
 Placer Deposits (Nyasaland)
 Placer Deposits (Philippine Islands)
 Placer Deposits (Siberia)
 Placer Deposits (S. C.)
 Placer Deposits (Southeast Asia)
 Placer Deposits (Soviet Union)
 Placer Deposits (Spain)
 Placer Deposits (Tanganyika)
 Placer Deposits (Thailand)
 Placer Deposits (Tibet)
 Placer Deposits (Uganda)
 Placer Deposits (Union of South Africa)
 Placer Deposits (U. S.)
 Placer Deposits (Va.)
 Placer Deposits (Wyo.)
 Placerville District (Colo.)

Placerville Quadrangle (Colo.)
 Pleistocene Terrace Deposits

(This heading may be modified by location in the form Pleistocene Terrace Deposits (Ga.))

Pleistocene Terrace Deposits (Ga.)
 Pleistocene Terrace Deposits (S. C.)
 Pocahontas Mine (Colo.)
 Pocono Formation

(Mississippian of Penna., eastern Ohio, northern W. Va., western Md. and western Va. This heading may be modified by location in the form Pocono Formation (Penna.))

Pocono Formation (Penna.)
 Pocos De Caldas Area (Brazil)
 Point Whittshed—Cape Yakataga Area (Alaska)
 Poison Basin Area (Wyo.)
 Poison Canyon Area (N. Mex.)
 Poison Canyon Deposits (N. Mex.)
 Poison Lake Lode Claims (Mont.)
 Poison Spring Canyon Area (Utah)
 Poisoned Ox Mine (S. Dak.)
 Poland
 Polar Claims (Utah)
 Polar King Mine (Utah)
 Polar Mesa (Utah)

xx Polar Mesa Camp District (Utah)

Polar Mesa Camp District (Utah)

see also Polar Mesa (Utah)

Steam Boat Mesa (Utah)

x Gateway District (Utah)

West Gateway District (Utah)

xx Green River Desert Area (Colo.-Utah)

Polar Mesa District (Utah)

(This district does not include Polar Mesa.)

Pole Cat Claim (Colo.)

Pond Mica Mine (Ala.)

Pooch Group (Colo.)

Poorman District (Alaska)

see Ruby—Poorman District (Alaska)

Poorman Prospect (Ariz.)

Poorman—Ruby District (Alaska)

see Ruby—Poorman District (Alaska)

Porcupine River Area (Alaska)

Porter—Beal Patented Property (Utah)

Portland Mine (Utah)

Portugal

(This heading may be modified by province in the form Portugal (Beira Alta))

Portugal (Beira Alta)

Portugal (Beira Baixa)

x Castelo Branco District (Portugal)

Portugal (Beira Litoral)

Posey Claim (Utah)

Posey Group (Utah)

Potash Sulphur Creek (Ark.)

Potash Sulphur Springs (Ark.)

Potosi Mine (Nev.)

Potts Fraction Mine (Utah)

Pottsville Formation

(Pennsylvanian of Penna., southern Ohio, Ind., and Ill., Ky., Tenn., northeastern Miss., Ala., W. Va., and Md. This heading may be modified by location in the form Pottsville Formation (Penna.))

Pottsville Formation (Ohio)

Pottsville Formation (Penna.)

Pottsville Formation (W. Va.)

Poverty Flats Placer Area (Idaho)

Powder Gulch Placer Area (Mont.)

Powder River Basin (Wyo.)

Powderhorn District (Colo.)

President Group (Mont.)

President Tunnel (Mont.)

Pretty Girl Claim (Utah)

Price Gulch Placer Area (Mont.)

Prickly Pear Valley District (Mont.)
 Priest Lake Area (Idaho)
 Primrose Mine (Ariz.)
 Prince Mine (N. Mex.)
 Prince of Wales Island (Alaska)
 Professor Valley Claims (Utah)
 Prospector Mine (Utah)
 Prosperity Claim (Ariz.)
 Protection Ore Body (Ariz.)
 Providence Mine (England)
 Puerto Rico
 Pumpkin Buttes Area (Wyo.)
 Pumpkin Point Area (Utah)
 Puncheon Camp Mine (N. C.)
 Purple Point Area (Utah)
 Purple Sage Prospect (Colo.)
 Putu-Tchren Mountains Area (Liberia)

see Tchren-Putu Mountains Area (Liberia)

Q

Quandra Island (British Columbia)
 Quartz Creek District (Alaska)
 Quartz Creek District (Colo.)
see Quartz Creek Pegmatite District (Colo.)
 Quartz Creek Pegmatite District (Colo.)
 x Quartz Creek District (Colo.)
 Quartz Hill Area (Colo.)
 Quaternary Deposits (Colo.)
 Quebec

(This heading may be modified by county in the form Quebec (Papineau Co.))

Quebec (Papineau Co.)
 Queen Elizabeth Islands (Canada)
 Queen Mineral Ranch (Colo.)
 Queen of The Hills Claim (Colo.)
 Queenie Claims (Calif.)
 Quin Burrell Prospect (Colo.)
 Quinlan-Barroquivari Mountains (Ariz.)

R

R. A. J. Group (Utah)
 R and M Claims (Mont.)
 R. H. D. Claim (Colo.)
 Rabbit Creek Placer Area (Idaho)
 Rabbit Ears Pass Area (Colo.)
 Rabon Creek Area (S. C.)

*see South Rabon Creek Area (S. C.)
 North Rabon Creek Area (S. C.)*

Rademacher Claims (Calif.)
 Radio Claim (Mont.)

Radioactive Minerals

(This heading may be modified by location in the form Radioactive Minerals (Alaska))

Radioactive Minerals (Alaska)
 Radioactive Minerals (Calif.)
 Radioactive Minerals (Colo.)
 Radioactive Minerals (Hungary)
 Radioactive Minerals (Idaho)
 Radioactive Minerals (Italy)
 Radioactive Minerals (Kan.)
 Radioactive Minerals (Nev.)
 Radioactive Minerals (N. C.)
 Radioactive Minerals (N. Dak.)
 Radioactive Minerals (Rumania)
 Radioactive Minerals (Spain)
 Radioactive Minerals (U.S.)

Radioactive Waters

(This heading may be modified by location in the form Radioactive Waters (Colo.))

Radioactive Waters (Ark.)

Radioactive Waters (Colo.)
 Radioactive Waters (Israel)
 Radioactive Waters (Japan)
 Radioactive Waters (Penna.)
 Radioactive Waters (Soviet Union)
 Radioactive Waters (U.S.)
 Radium Claim (Utah)
 Radium Cycle Workings (Colo.)
 Radium Group (Colo.)
 Radium Group Area (Colo.)
 Radium Gulch Area (Alaska)
 Radium King Group (Colo.)
 Radium No. 7 Mine (Colo.)
 Rafferty Property (Calif.)
 Rainbow Claim (Colo.)
 Rainbow Claims (Calif.)
 Rainbow Claims (Nev.)
 Rainbow Claims (Utah)
 Rainbow Point Quadrangle (Utah)
 Rajah Mine (Colo.)
 Raleigh (N. C.)
 Ralston Buttes District (Colo.)
 Ralston Buttes Quadrangle (Colo.)
 Ralston Creek Area (Colo.)
 Rambler Claim (Colo.)
 Rambler Mines (Colo.)
 Rampart District (Alaska)
 Rand Mines (Union of South Africa)
 Randsburg Area (Calif.)
 Range Claim (Utah)
 Rara Avis Mine (Colo.)
 Rare Earth Deposits

(This heading may be modified by location in the form Rare Earth Deposits (Utah))

Rare Earth Deposits (Brazil)
 Rare Earth Deposits (Colo.)
 Rare Earth Deposits (N. J.)
 Rare Earth Deposits (U. S.)
 Rare Earth Deposits (Wyo.)
 Rattle Snake Claim (Utah)
 Rattlesnake-Effie B Group (Colo.)

see Effie B-Rattlesnake Group (Colo.)

Raven Rock Quarry (N. J.)
 Raver Formation

(This heading may be modified by location in the form Raver Formation (S. Dak.))

Ray-Simon Claim (Calif.)

see Simon-Ray Claim (Calif.)

Ray-Welch-Willmore Claims (Calif.)

Reboleiro Group (Portugal)

Reboleiro Mine (Portugal)

Recapture Creek Group (Utah)

Recapture Member

(This heading may be modified by location in the form Recapture Member (Utah))

see also Morrison Formation

Recapture Member (Ariz.)

Recapture Member (N. Mex.)

Recapture Member (Utah)

Red Beds (Colo.)

Red Bluff Prospect (Ariz.)

Red Canyon Area (Colo.)

Red Canyon Area (S. Dak.)

Red Canyon Claims (Utah)

Red Canyon District (Utah)

Red Canyon Groups (Colo.)

Red Canyon Quadrangle (Colo.)

Red Creek Basin (Wyo.)

Red Desert Area (Wyo.)

Red Devil Claims (Calif.)

Red Hills Prospect (Ariz.)

Red House Cliffs Area (Utah)

Red Mesa Area (Ariz.-Utah)
 Red Mountain District (Colo.)
 Red River Area (Idaho)
 Red River Valley (Idaho)
 Red Rock Canyon District (Calif.)
 Red Rock Claim (Mont.)
 Red Rock District (Ariz.)
 Red Rock Valley (Ariz.)
 Red Wash District (Ariz.)
 Reed Creek Placer Area (Idaho)
 Requa Mine Area (Utah)
 see Duffin Mine Area (Utah)
 Reservoir Mountain (Idaho)
 Reynolds Robbins Claims (Calif.)
 Rhea Dona Prospect (Colo.)
 Rhine River
 Rhode Island
 (This heading may be modified by county in the form Rhode Island (Kent Co.))
 Rhode Island (Providence Co.)
 Rhyolitic Tuff Deposit (Nev.)
 Rich Load Claim (Utah)
 Richard Riley Claims (Wyo.)
 Richardson Amphitheater (Utah)
 xx Richardson Basin District (Utah)
 Richardson Area (Alaska)
 Richardson Basin District (Utah)
 see also Richardson Amphitheater (Utah)
 Richardson Property (Ontario)
 Rico Area (Colo.)
 Ridenour Mine (Ariz.)
 Ridenour Mine District (Ariz.)
 Rifle Area (Colo.)
 Rifle Mine (Colo.)
 Riggins Mining District (Idaho)
 Riland Workings (Colo.)
 Riley Area (N. Mex.)
 Rimini Area (Mont.)
 Rimrock Blues Workings (Colo.)
 Rimrock Working (Utah)
 Rimrock Workings (Colo.)
 x Wedding Bell Workings (Colo.)
 xx Wedding Bell Group (Colo.)
 Rincon Mountains (Ariz.)
 Rink Copper Mine (Nev.)
 Rink Gold Mine (Nev.)
 Riverdale Area (N. Dak.)
 Riverside Claim (Colo.)
 Robineau Claims (Colo.)
 (Including the George Peabody, Little Mac, and MacGregor claims)
 x George Peabody Claim (Colo.)
 Little Mac Claim (Colo.)
 MacGregor Claims (Colo.)
 Robineau Mine (Colo.)
 Robinette Group (Colo.)
 Robinson Claims (Nev.)
 Robinson Creek Area (N. C.)
 Robinson Draw (Mont.)
 Robinson Property (Colo.)
 Robles Spring Deposit (Ariz.)
 Roc Creek Mining District (Colo.)
 Roc Creek Quadrangle (Colo.)
 Roche Property (Ontario)
 Rochester-Bellevue Mine (Colo.)
 see Bellevue-Rochester Mine (Colo.)
 Rock Corral Area (Calif.)
 Rock Creek Placer Area (Idaho)
 Rock Creek Prospect (Alaska)
 Rock of Ages Claim (Utah)
 Rock Raven Mine (Colo.)
 Rock Springs Area (Wyo.)
 Rock Springs Uplift (Wyo.)

Rocky Arroyo Area (N. Mex.)
 Rodgers Claims (N. Mex.)
 Roland Workings (Colo.)
 Roosevelt Mine (Colo.)
 Roosevelt Quadrangle (Ariz.)
 Rosamond Hills (Calif.)
 Rosamond Prospect (Calif.)
 Rose Creek Mine (Nev.)
 Rosetta Prospect (Nev.)
 Rosmaneira Mine (Portugal)
 Ross-Adams Deposit (Alaska)
 Ross Hannibal Mine (S. Dak.)
 Ross-Hoerner Pegmatite (Calif.)
 see Hoerner-Ross Pegmatite (Calif.)
 Rossman Prospect (Texas)
 Rough Rider Area (Utah)
 Rough Rider No. 2 Claim (Utah)
 Rough Rock Deposit (Ariz.)
 Round Mountain Area (Nev.)
 Round Mountain Plug (Utah)
 Roy Lee Claim (Colo.)
 Royse Claim (Mont.)
 Ruby Creek Area (Alaska)
 Ruby Creek Quartz-Mica Schist (S. Dak.)
 Ruby District (Ariz.)
 Ruby-Poorman District (Alaska)
 x Poorman District (Alaska)
 Ruby Quadrangle (Alaska)
 Ruby Quadrangle (Ariz.)
 Ruddock Quartz-Mica-Feldspar Schist (S. Dak.)
 Ruggles Mine (N. H.)
 Rule Creek Drainage Basin (Colo.)
 Rum Jungle Area (Australia)
 Rumania
 Rumania (Transylvania)
 Runge Mine (S. Dak.)
 Russell Gulch Area (Colo.)
 Russell Prospect (N. Mex.)
 Russia
 see Soviet Union
 Russian Mountains Area (Alaska)
 Rustenburg District (Union of South Africa)
 Rustler Formation (N. Mex.-Tex.)
 Rutgers Mine (N. Y.)
 Ruth Group (Ariz.)
 Rutherford Mine (Va.)
 Rye Creek (Alaska)
 Rye Creek Area (Mont.)

S

Sabina Mountain Prospects (Texas)
 Sabinoso-Chaperito Area (N. Mex.)
 see Chaperito-Sabinoso Area (N. Mex.)
 Saddle Area (Utah)
 Saddle Claims (Utah)
 Saddle Creek Mine (Fla.)
 Sage Flat Area (Colo.)
 Sage Plain Area (Colo.-Utah)
 Sagebrush Group (Colo.)
 St. Austell Consols Mine (England)
 St. Ives Consols Mine (England)
 St. Johns Area (Ariz.)
 St. Just District (England)
 St. Kevin District (Colo.)
 St. Louis
 Salado Formation (N. Mex.-Tex.)
 Salina Formation (U.S.)
 Sally Claim (Colo.)
 Salmon Area (Idaho)
 Salmon Bay Area (Alaska)
 Salmon River Area (Idaho)

Salt Deposits

Salt Deposits (La.)

Salt Deposits (N. Mex.)

Salt Deposits (Tex.)

Salt Lake Formation*(This heading may be modified by location in the form Salt Lake Formation (Idaho))*

Salt Lake Formation (Idaho)

Salt Lake Formation (Nev.)

Salt Lake Formation (Utah)

Salt Wash Formation

*see Salt Wash Member***Salt Wash Member***(This heading may be modified by location in the form Salt Wash Member (Utah))**see also Morrison Formation*

x Salt Wash Formation

xx Morrison Formation

Salt Wash Member (Ariz.)

Salt Wash Member (Colo.)

Salt Wash Member (Colo.—Ariz.)

Salt Wash Member (Colo.—Utah)

Salt Wash Member (N. Mex.)

Salt Wash Member (Utah)

Salton Sea (Calif.)

Sam Charlie Claim No. 1 (Ariz.)

Sam Mine (Colo.)

Samartine District (Colo.)

San Acacia District (N. Mex.)

San Bernardino Mountain Area (Calif.)

San Francisco Bay Area (Calif.)

San Gabriel Anorthosite Massif (Calif.)

San Juan Basin (N. Mex.)

San Juan Basin Area (Colo.)

San Juan Basin District (Utah)

San Juan Mountains Region (Colo.)

San Lorenzo District (N. Mex.)

San Luis Valley Area (Colo.)

San Miguel Bench (Colo.)

San Miguel Plateau Area (Colo.)

San Miguel River (Colo.)

San Miguel River District (Colo.)

San Rafael District (Utah)

San Rafael Group

*(This heading may be modified by location in the form San Rafael Group (Colo.))**see also Carmel Formation*

Curtis Formation

Entrada Formation

Summerville Formation

San Rafael Group (Colo.)

San Rafael Group (Utah)

San Rafael River Area (Utah)

San Rafael Swell (Utah)

San Rafael Swell Area (Utah)

Sanastee Area (N. Mex.)

Sanastee Formation

Sandstone Deposits*(This heading may be modified by location in the form Sandstone Deposits (Colo.))*

Sandstone Deposits (Colo.)

Sandstone Deposits (N. Mex.)

Sandstone Deposits (S. Dak.)

Sandstone Deposits (Texas)

Sandstone Deposits (Utah)

Sandstone Deposits (Wyo.)

Sandy Mine Area (N. Mex.)

Sandy Run Creek Area (N. C.)

Sangre De Cristo Formation

(This heading may be modified by location in the form Sangre De Cristo Formation (N. Mex.))

Sangre De Cristo Formation (N. Mex.)

Sangre De Cristo Mountains (N. Mex.)

Sangre De Cristo Province (Colo.)

Santa Catalina Mountains (Ariz.)

Santa Fe Formation (N. Mex.)

Santa Rita Mountains (Ariz.)

Sappington Ranch (Mont.)

Sara Ellen Claim (Colo.)

Sara M. Claim (Colo.)

Saratoga Area (Wyo.)

Sargasso Sea

Saskatchewan

Saturday Claims (Utah)

Saucer Basin Group (Colo.)

Saudi Arabia

Savannah River

Savannah River Area (S. C.)

see also Catawba River—Savannah River District (N. C.—S. C.)

Savannah River—Catawba River District (N. C.—S. C.)

see Catawba River—Savannah River District (N. C.—S. C.)

Scenic Claims (Utah)

Scheelite Producer Claim (Colo.)

Schmitt—Mitt Prospect (Calif.)

Scholle District (N. Mex.)

Schroekingerite Area (Wyo.)

x Dakeite Area (Wyo.)

Schroekingerite Deposits (Wyo.)

Schwartz Mine (Colo.)

Scioto River

Scorpion Area (Utah)

Scotland

(This heading may be modified by county in the form Scotland (Inverness).)

xx Great Britain

Scotland (Inverness)

Scott County—Finney County Area (Kan.)

Scott Mine (Idaho)

Scott Rose Quartz Mine (S. Dak.)

Scott Valley Area (Idaho)

Scotty Claim (Utah)

Scrub Oaks Mine (N. J.)

Searchlight Area (Ariz.)

Searles Station Area (Calif.)

Secesh Mining District (Idaho)

Sedimentary Deposits*(This heading may be modified by location in the form Sedimentary Deposits (Alaska), see also specific types of sedimentary deposits, e.g., Uranium—Vanadium Sandstone Deposits)*

Sedimentary Deposits (Alaska)

Sedimentary Deposits (Argentina)

Sedimentary Deposits (Ariz.)

Sedimentary Deposits (Calif.)

Sedimentary Deposits (Colo.)

Sedimentary Deposits (England)

Sedimentary Deposits (France)

Sedimentary Deposits (French Equatorial Africa)

Sedimentary Deposits (French Morocco)

Sedimentary Deposits (French West Africa)

Sedimentary Deposits (Hungary)

Sedimentary Deposits (Idaho)

Sedimentary Deposits (Italy)

Sedimentary Deposits (Madagascar)

Sedimentary Deposits (Mexico)

Sedimentary Deposits (Mont.)

Sedimentary Deposits (Nev.)

Sedimentary Deposits (N. J.)

Sedimentary Deposits (N. Mex.)

Sedimentary Deposits (S. Dak.)

Sedimentary Deposits (Soviet Union)

Sedimentary Deposits (Spain)

Sedimentary Deposits (Texas)

Sedimentary Deposits (Togoland)

Sedimentary Deposits (Union of South Africa)

Sedimentary Deposits (U. S.)

Sedimentary Deposits (Utah)
 Sedimentary Deposits (Venezuela)
 Sedimentary Deposits (Vt.)
 Sedimentary Deposits (Wyo.)
 Seegmiller Mine (Utah)

see Freedom Mines (Utah)

Sego Lilly Lou Open Pit (Colo.)
 Senegal Republic
 Sentinel Butte (N. Dak.)
 Sentinel Butte Area (N. Dak.)
 Sentinel Peak Quadrangle (Colo.)
 Sequatchie Valley (Tenn.)
 Serpentine Area (Alaska)
 Seven Mile Canyon (Utah)
 Seven Mile Canyon Area (Utah)
 Sevier Plateau (Utah)
 Seward Peninsula (Alaska)
 Shady Tree Claim (Mont.)
 Shadyside Mine Area (Ariz.—N. Mex.)
 Shafter Area (Texas)
 Shale Deposits

(This heading may be modified by location in the form Shale Deposits (Okla.) see also Appendix F for definition)

Shale Deposits (Ala.)
 Shale Deposits (Alaska)
 Shale Deposits (Ariz.)
 Shale Deposits (Colo.)
 Shale Deposits (France)
 Shale Deposits (Ga.)
 Shale Deposits (Idaho)
 Shale Deposits (Ill.)
 Shale Deposits (Ky.)
 Shale Deposits (Ky.—Tenn.)
 Shale Deposits (Mich.)
 Shale Deposits (Mont.)
 Shale Deposits (Nev.)
 Shale Deposits (N. Mex.)
 Shale Deposits (Norway)
 Shale Deposits (Okla.)
 Shale Deposits (Soviet Union)
 Shale Deposits (Sweden)
 Shale Deposits (Tenn.)
 Shale Deposits (U. S.)
 Shale Deposits (Utah)
 Shale Deposits (Va.)
 Shale Deposits (W. Va.)
 Shale Deposits (Wyo.)
 Shamrock Claim (N. Mex.)
 Shamrock Group (Colo.)
 Sharkey Mine (Colo.)
 Sharon Springs Member

(Upper Cretaceous northwestern Kan (Logan and Wallace counties) and eastern Colo This heading may be modified by location in the form Sharon Springs Member (Colo.))

Sharon Springs Member (Colo.)
 Sharon Springs Member (Kan.)
 Sharon Springs Member (Nebr.)
 Sharon Springs Member (S. Dak.)
 Shay Mountain Claims (Utah)
 Shedhorn Sandstone
 Sheep Cliff Mine (N. C.)
 Sheep Creek (Mont.)
 Sheep Mountain Prospect (Colo.)
 Sheeprock Mountains Area (Utah)
 Sheetline Claims (Utah)
 Shelby Quadrangle (N. C.)
 Shepp No. 2 Claim (Ariz.)
 Sheridan Area (Wyo.)
 Shinarump Claim (Utah)
 Shinarump Conglomerate

see Shinarump Formation

Shinarump Formation

(This heading may be modified by location in the form Shinarump Formation (Utah))

x Shinarump Conglomerate

Shinarump Formation (Ariz.)
 Shinarump Formation (Colo.)
 Shinarump Formation (N. Mex.)
 Shinarump Formation (U. S.)
 Shinarump Formation (Utah)
 Shinarump Member (Utah)
 Shinarump Mesa (Utah)
 Shinarump No. 1 Uranium Mine (Utah)
 Shinarump Quadrangle (Ariz.)
 Shinkolobwe Mine (Congo Republic)
 Shiprock District (Ariz.)
 Shirley Basin Area (Wyo.)
 Shirley May Mine (Colo.)
 x Garo Mine (Colo.)
 Shooter Canyon (Utah)
 Short Creek Quadrangle (Ariz.)
 Shorty Claims (Ariz.)
 Shoshone Canyon (Wyo.)
 Shoup Area (Idaho)
 Shoup—North Fork District (Idaho)

see North Fork—Shoup District (Idaho)

Shumway Mine (Utah)
 Siam

see Thailand

Sidney Mine (Fla.)
 Sierra Ancha Area (Ariz.)
 Sierra Blanca Area (Texas)
 Sierra Leone
 Sierra Nacimiento Area (N. Mex.)
 Sierrita Mountains (Ariz.)
 Sigi Ho Cho District (Ariz.)
 Sigi Ho Cho Mesa (Ariz.)
 Silent Friend Mine (Colo.)
 Silicon Carbide—Titanium Carbide—Vanadium Carbide
 Silurian Salt Deposits (U.S.)
 Silver Bell Property (Utah)
 Silver City Area (N. Mex.)
 Silver Cliff Mine (Wyo.)
 Silver Creek Area (N. C.)
 Silver Creek Prospect (Alaska)

see Slana Area (Alaska)

Silver Crown Claim (Utah)
 Silver Crown Mining District (Wyo.)
 Silver Hill Mine (Mont.)
 Silver King Claims (Idaho)
 Silver King Claims (Utah)
 Silver Lady Claims (Calif.)
 Silver Peak Mountain Area (Nev.)
 Silver Pick Property (Nev.)
 Silver Plume District (Colo.)
 Silver Point Claim (Utah)
 Silver Queen Mine (S. Dak.)
 Silver Reef District (Utah)
 Silver Spur Mine (N. Mex.)
 Silverman Claim (Utah)
 Simon-Ray Claim (Calif.)
 Singapore
 Singer Mine (Nev.)
 Sitton Claims (Colo.)
 Sitton Lease (Ariz.)
 Skein Mesa Area (Colo.)
 Skull Creek Area (Colo.)
 Skull Creek Deposits (Colo.)
 Sky Lark Claim (Colo.)
 Skyline Mine (Utah)
 Slana Area (Alaska)
 x Indian Group Prospect (Alaska)
 Silver Creek Prospect (Alaska)

Sleepy Cat Mountain District (Colo.)

Slick Rock Area (Colo.)

Slick Rock District (Colo.)

Slim Buttes Area (S. Dak.)

Slug Creek Valley (Idaho)

Small Fry Area (Utah)

Small Horn Canyon Area (Mont.)

Small Spot Claim (Colo.)

Small Stake Mine Area (N. Mex.)

Smelter Claim (Mont.)

Smith Claims (Ariz.)

Smith—Lucas Incline Mine (Utah)

Smith Prospect (Idaho)

Smoky Hill River Valley Area (Kan.)

Smuggler Mine (Colo.)

Sno-Ball Mine (Wyo.)

Snow Claims (Utah)

Snow Flake Claim (Utah)

Sodaville Manganese—Tungsten Deposits (Nev.)

Soledad Area (Calif.)

Solitaria Mine (Argentina)

Somalia

x British Somaliland

Italian Somaliland

Songo—Boko Valley (Belgian Congo)

see Boko—Songo Valley (Belgian Congo)

Sophy Deposit (Ariz.)

South Africa, Republic of

see Union of South Africa

South America

South Butler Wash Group (Utah)

South Carolina

(This heading may be modified by county in the form South Carolina
(Greenville Co.))

South Carolina (Aiken Co.)

South Carolina (Anderson Co.)

South Carolina (Charleston Co.)

South Carolina (Cherokee Co.)

South Carolina (Greenville Co.)

South Carolina (Laurens Co.)

South Carolina (Spartanburg Co.)

South Cave Hills (S. Dak.)

see Cave Hills (S. Dak.)

South Dakota

(This heading may be modified by county in the form South Dakota
(Fall River Co.))

South Dakota (Butte Co.)

South Dakota (Custer Co.)

South Dakota (Fall River Co.)

South Dakota (Harding Co.)

South Dakota (Lawrence Co.)

South Dakota (Pennington Co.)

South Dakota (Perkins Co.)

South Fork Group (Utah)

South Midnight Mine (Colo.)

South Muddy Creek Area (N. C.)

South Park (Colo.)

South Pierce Mine (Fla.)

South Rabon Creek Area (S. C.)

x Rabon Creek Area (S. C.)

South Radium Group Area (Colo.)

South Terras Mine (England)

South Tygre River Area (S. C.)

x Tygre River Area (S. C.)

Southam Group (Nev.)

Southern Black Hills (S. Dak.)

xx Black Hills (S. Dak.)

Southern Cook Inlet Region (Alaska)

Southern Green River Desert Area (Utah)

xx Green River Desert Area (Colo.—Utah)

Southern Pacific Quarry (Calif.)

Southern Rhodesia

xx Rhodesia

Southwest Africa

Soviet Union

(This heading may be modified by political subdivision, in the form
Soviet Union (Kirghiz).)

x Russia

U.S.S.R.

Soviet Union (Aktyubinsk)

Soviet Union (Karelia)

Soviet Union (Kirghiz)

Soviet Union (Komi)

x Komi

Soviet Union (Murmansk)

Soviet Union (Transbaikalia)

Soviet Union (Tuva)

Soviet Union (Ukraine)

Spain

(This heading may be modified by province in the form Spain
(Cordoba).)

Spain (Cordoba)

Spain (Jaén)

Spanish Peaks—Huerfano Park Region (Colo.)

see Huerfano Park—Spanish Peaks Region (Colo.)

Spanish Queen Mine (N. Mex.)

Spaulding Claim (Colo.)

Spectacle Point Claim (Colo.)

Sphinx Mine (Colo.)

Spider No. 1 Claim (Utah)

Split Rock Area (Wyo.)

Split Rock Quadrangle (Wyo.)

Spokane Indian Reservation (Wash.)

Spokane Molybdenum Mines (Wash.)

Spor's Mountain (Utah)

see Thomas Range (Utah)

Spotted Dog Claim (Utah)

Spring Creek Mesa (Colo.)

Spring Creek Mesa Area (Colo.)

Spring Creek Workings (Utah)

Spring Mountains (Nev.)

Spring—Trail Canyons Group (Utah)

see Trail—Spring Canyons Group (Utah)

Springdale Quadrangle (Ariz.—Utah)

Spruce Pine District (N. C.)

Spud Patch Area (Colo.)

Squaw Canyon Group (Utah)

Squaw Park Area (Utah)

Staats Claim (Utah)

Staats Mine (Utah)

Stain Claims (Utah)

Stalin's Present Mine (Nev.)

Standard Mining District (Calif.)

Stanley Creek Placer Area (Idaho)

Stanley Mining District (Idaho)

Star No. 1 Claim (Colo.)

Star Tungsten Mine (Nev.)

Stark Lake Deposit (Northwest Territories)

Starlight Area (Colo.)

State Bridge—Walcott Area (Colo.)

State Mine (Ariz.)

Steam Boat Mesa (Utah)

xx Polar Mesa Camp District (Utah)

Steamboat Claim (Colo.)

Stella Dysart No. 1 Mine (N. Mex.)

Stillwell Property (Calif.)

Stockdale Quadrangle (Texas)

Stockton Quarries (N. J.)

Stokes Property (Calif.)

Stone Mountain (Ga.)

Stone Mountain Granite Area (Ga.)

Stowell Property (Calif.)

Straight Cliffs Quadrangle (Utah)
 Strawberry Hill Quadrangle (Wyo.)
 Strawberry Roan Mine (Colo.)
 Strelcha Area (Bulgaria)
 Strike Prospect (Northwest Territories)
 Strong Mine (Wyo.)
 Stud Horse Buttes Channel (Utah)
 Suaqui Grande District (Mexico)
 Sugar Loaf District (Colo.)
 Sukulu Hill Area (Uganda)
 Sulphide Queen Area (Calif.)
 Sulphide Queen Gold Mine (Calif.)
 Summerville Formation

(This heading may be modified by location in the form Summerville

Formation (Utah))

xx San Rafael Group

Summerville Formation (Colo.)
 Summerville Formation (Utah)
 Summit Diggings (Calif.)
 Summit Group (Colo.)
 Sun Flower Claim (Utah)
 Sundance Formation

(This heading may be modified by location in the form Sundance

Formation (Wyo))

Sundance Formation (Wyo.)
 Sunday Claim (Colo.)
 Sundog Prospect (Wyo.)
 Sunflower Prospect (Colo.)
 Sunlight Basin (Wyo.)
 Sunlight Mining District (Wyo.)
 Sunny Brook Claim (Utah)
 Sunnyside-Nelson Mine Area (N. Mex.)

see Nelson-Sunnyside Mine Area (N. Mex.)

Sunrise Claim (Utah)
 Sunset Mine (Utah)
 Sunset Pass Area (Utah)
 Sunshine Claim (Utah)

see Sunrise Claim (Utah)

Sunshine Mine (Ariz.)

see Double Eagle Mine (Ariz.)

Sunshine Mine (Idaho)

Supai Formation

(Found in northern Ariz., southern Utah, and southeastern Nev. This heading may be modified in the form Supai Formation (Nev.))

Supai Formation (Ariz.)

Supai Formation (Nev.)

Sure Fire No. 1 Claim (Ariz.)

Surinam

x Dutch Guiana

Netherlands Guiana

Surprise Mine (Colo.)

x Commercial Mine (Colo.)

Swan Peak Formation

Swan Peak Formation (Utah)

Swan Peak Quartzite

(Lower Ordovician of northeastern Utah and southeastern Idaho

This heading may be modified by location in the form Swan Peak

Quartzite (Utah))

Swanson-Lauer Property (N. Mex.)

Swaziland

(British South Africa)

Swede Boy Vein (Wyo.)

Sweden

Sweepstakes Creek (Alaska)

Sweepstakes Creek Area (Alaska)

Sweetgrass Arch Area (Mont.)

Sweetgrass Hills Area (Mont.)

Sweetwater Mesa Locality (Ariz.)

Switzerland

(This heading may be modified by canton in the form Switzerland

(Uri Canton))

Syenite Complex (Wisc.)

Sylvester and Bradley Group (Utah)

Syracuse Mine (Ariz.)

Syria

T

Table Mountain (S. Dak.)

Table Mountain Area (S. Dak.)

Taku River Quadrangle (Alaska)

Tallow Face Mine (N. C.)

Tam O'Shanter Mine (Nev.)

Tambillos District (Chile)

Tanacross Quadrangle (Alaska)

Tanana River Area (Alaska)

Tanganyika

Tanner Wash Quadrangle (Ariz.)

Tanque Verde Mountains (Ariz.)

Tavasci Prospect (Ariz.)

Taylor Park Area (Colo.)

Tchien-Putu Mountains Area (Liberia)

Teapot Dome Workings (Colo.)

Tecolote District (N. Mex.)

Tecumseh Claim (Utah)

Tecumseh Hill (Utah)

Tecumseh Mine (Utah)

Tehatin District (Ariz.)

see Eurida District (Ariz.)

Teller Area (Alaska)

Teller Pegmatite Lode Claim (Colo.)

Telluride Claims (Utah)

Temple Mountain District (Utah)

Tenderfoot Claim (Utah)

Tenderfoot Group (Colo.)

Tenderfoot Mesa (Colo.)

Tennessee

(This heading may be modified by county in the form Tennessee

(De Kalb Co.))

Tennessee (Bedford Co.)

Tennessee (Cannon Co.)

Tennessee (Claiborne Co.)

Tennessee (Clay Co.)

Tennessee (Coffee Co.)

Tennessee (De Kalb Co.)

Tennessee (Grundy Co.)

Tennessee (Jackson Co.)

Tennessee (Macon Co.)

Tennessee (Moore Co.)

Tennessee (Overton Co.)

Tennessee (Putnam Co.)

Tennessee (Smith Co.)

Tennessee (Sumner Co.)

Tennessee (Warren Co.)

Tennessee (White Co.)

Tennessee Block 3

x Block 3 (Tenn.)

Tennessee River System

Tennessee River Valley

Terlingua Area (Texas)

Terrible Mine (Colo.)

Terry Area (Mont.)

Terry Uranophane Prospect (Colo.)

Teala Prospect (Calif.)

Tete District (Mozambique)

Texas

(This heading may be modified by county in the form Texas (Duval Co.))

Texas (Atascosa Co.)

Texas (Brewster Co.)

Texas (Chambers Co.)

Texas (Culberson Co.)

- Texas (De Witt Co.)
 Texas (Duval Co.)
 Texas (El Paso Co.)
 Texas (Fayette Co.)
 Texas (Glasscock Co.)
 Texas (Gonzales Co.)
 Texas (Hockley Co.)
 Texas (Howard Co.)
 Texas (Hudspeth Co.)
 Texas (Jeff Davis Co.)
 Texas (Karnes Co.)
 Texas (Live Oak Co.)
 Texas (McMullen Co.)
 Texas (Moore Co.)
 Texas (Potter Co.)
 Texas (Presidio Co.)
 Texas (Upton Co.)
 Texas (Webb Co.)
 Texas (Wilson Co.)
 Thailand
 x Siam
 Thames River
 Thaynes Formation (Idaho)
 The Point (Utah)
 (Located in the Little Rockies District of the Henry Mountains Area, Garfield Co., Utah.)
 Theano Point Area (Ontario)
 Thicketty Creek Area (S. C.)
 Thomas Greenshawe Mica Mine (N. C.)
 Thomas Range (Utah)
 x Spor's Mountain (Utah)
 Thomas Range Fluorite District (Utah)
 Thompsons District (Utah)
 Thorium Deposits
 (This heading may be modified by location in the form Thorium Deposits (Ariz.).)
 Thorium Deposits (Alaska)
 Thorium Deposits (Antarctica)
 Thorium Deposits (Ariz.)
 Thorium Deposits (Brazil)
 Thorium Deposits (Canada)
 Thorium Deposits (Colo.)
 Thorium Deposits (Idaho)
 Thorium Deposits (Idaho-Mont.)
 Thorium Deposits (India)
 Thorium Deposits (Japan)
 Thorium Deposits (Madagascar)
 Thorium Deposits (Mont.)
 Thorium Deposits (Netherlands East Indies)
 Thorium Deposits (Nev.)
 Thorium Deposits (N. Mex.)
 Thorium Deposits (Soviet Union)
 Thorium Deposits (Turkey)
 Thorium Deposits (U. S.)
 Thorium Deposits (Utah)
 Thorium Deposits (Wyo.)
 Thorn Divide (Wyo.)
 Three Partners Claim (Colo.)
 3-Way Claim (Colo.)
 Thunderbolt Group (Colo.)
 Thunderbolt Mine (Colo.)
 Thursday Claim (Utah)
 Tidwell Quadrangle (Utah)
 Tie Siding Area (Wyo.)
 Tiffin Mine (Nev.)
 Tiger Claim (Utah)
 Tiger Eye No. 1 Prospect (Utah)
 Timber Mountain Quadrangle (Nev.)
 Tin Mountain Pegmatite (S. Dak.)
 Tin-Spodumene Belt (N. C.)
 Tintic Mining District (Utah)
 Tiny Claim (Colo.)
 Tippihah Spring Quadrangle (Nev.)
 Toadelena Quadrangle (N. Mex.)
 Tobin Creek Area (Alaska)
 Todd Berry's Farm (Ala.)
 Todilto Formation (N. Mex.)
 Tofty Area (Alaska)
 see Tofty Tin Belt District (Alaska)
 Tofty Tin Belt District (Alaska)
 x Tofty Area (Alaska)
 Togoland
 Toh Acon District (Ariz.)
 Tok Junction Area (Alaska)
 Tolovana Mine (Alaska)
 Tolstoi Point Area (Alaska)
 see Craig Quadrangle (Alaska)
 Tomsich Mountain District (Utah)
 Tongue River Member
 (Member of Fort Union formation in northeastern Wyo., northeastern, southeastern, and central southern Mont., and southwestern N. Dak. This heading may be modified by location in the form Tongue River Member (N. Dak.))
 Tongue River Member (N. Dak.)
 Tongue River Member (S. Dak.)
 Too High No. 1 Open Pit (Colo.)
 Topopah Spring Quadrangle (Nev.)
 Torbernite Deposits
 Tordilla Hill Area (Texas)
 Tororo District (Uganda)
 Toroweap Formation (Nev.)
 Torrey District (Utah)
 Tortillita Mountains (Ariz.)
 Tory Hill Area (Ontario)
 Tourmaline Claims (Alaska)
 Townsend Valley Area (Mont.)
 Tozomorán Creek Area (Alaska)
 Trachyte District (Utah)
 Trader Smith's Claims (Utah)
 Tradewater Formation
 (Pennsylvanian, of western Ky. and southeastern Ill. This heading may be modified by location in the form Tradewater Formation (Ill.))
 Tradewater Formation (Ill.)
 Trail Canyon (Idaho)
 Trail Canyon (Utah)
 Trail Creek Claims (Wyo.)
 Trail-Spring Canyons Group (Utah)
 Trans-Pecos Region (Texas)
 Transvaal (Union of South Africa)
 see Union of South Africa (Transvaal)
 Trapper Claim (Mont.)
 Treasure Hill Area (Colo.)
 Treasure Hill Claims (Colo.)
 Tree Claim (Utah)
 Tree Mesa (Ariz.)
 see Kinusta Mesa (Ariz.)
 Trenwith Mine (England)
 Triangle Mine (Colo.)
 Trinidad Sandstone
 (Upper Cretaceous of southeastern Colo. and northeastern N. Mex. This heading may be modified by location in the form Trinidad Formation (Colo.).)
 Trinidad Sandstone (Colo.)
 Trinity Gold Mine (Utah)
 Tripod Mine (Colo.)
 Troublesome Formation (Colo.)
 Trout Creek Area (Colo.)
 Truckee Canyon Group (Nev.)
 Tuba City Area (Ariz.)
 Tubutulik River Area (Alaska)
 Tullock Mine (N. Mex.)
 Tungsten Deposits

Tungsten Deposits (Colo.)
 Tungsten Hill District (Calif.)
 Tunisia
 Tunnel Site Claims (N. Mex.)
 Tuolumne River Area (Calif.)
 Tuolumne River Valley (Calif.)
 Turkey
 Turkey Track Mine
 Turner Lake Area (Alaska)
 see Taku River Quadrangle (Alaska)
 Turtle Lake Quadrangle (Wash.)
 Tuscaloosa Formation
 Tuttle Ranch (Colo.)
 Tweerivier Limestone Deposits (Union of South Africa)
 Two Sisters Mine (Colo.)
 Tygre River Area (S. C.)
 see Middle Tygre River Area (S. C.)
 North Tygre River Area (S. C.)
 South Tygre River Area (S. C.)
 Tyrone—Leopold District (N. Mex.)
 Tyuya Muyun (Soviet Union)

U

Ubehebe Mine (Calif.)
 Uganda
 (British East Africa)
 Uinta Basin (Colo.—Utah)
 Uintah Claim (Colo.)
 Ukhta Oil Region (Soviet Union)
 Ulysses Mine (Idaho)
 Uncle Sam Mine (Mont.)
 Uncle Sam Silver Mines (N. Mex.)
 Uncompahgre Uplift Area (Colo.)
 see also Lower Uncompahgre District (Colo.)
 Upper Uncompahgre District (Colo.)
 Uravan Mineral Belt (Colo.)
 Union Grove District (N. C.)
 Union—Home Deposit (Ariz.)
 see Home—Union Deposit (Ariz.)
 Union of South Africa
 (This heading may be modified by province in the form Union of South Africa (Cape of Good Hope))
 Union of South Africa (Cape of Good Hope)
 Union of South Africa (Transvaal)
 x Transvaal (Union of South Africa)
 Union Pacific Deposits (Colo.)
 Union Pacific Prospect (Colo.)
 United Kingdom
 see Great Britain
 Northern Ireland
 United States
 (See also headings for the specific states modified by counties, see also specific geographic areas and mining districts.)
 Unknown Claim (Colo.)
 Unkpapa Sandstone (S. Dak.—Wyo.)
 Upper Bear Valley (Idaho)
 see Big Meadow Area (Idaho)
 Upper Gold Fork Area (Idaho)
 see Gold Fork Placer Areas (Idaho)
 Upper Group (Colo.)
 Upper Group Area (Colo.)
 Upper Uncompahgre District (Colo.)
 see also Lower Uncompahgre District (Colo.)
 xx Lower Uncompahgre District (Colo.)
 Uncompahgre Uplift Area (Colo.)
 Ura Prospect (Saskatchewan)
 Ural Mountains (Soviet Union)
 Uraneous Claim (Calif.)
 Uranium Aire Property (Ariz.)
 Uranium—Carbon Sandstone Deposits

see Carbon—Uranium Sandstone Deposits
 Uranium Claims (Mont.)
 Uranium—Copper Sandstone Deposits
 see Copper—Uranium Sandstone Deposits
 Uranium Deposits
 (This heading may be modified by location in the form Uranium Deposits (Morocco).)
 Uranium Deposits (Africa)
 Uranium Deposits (Ala.)
 Uranium Deposits (Alaska)
 Uranium Deposits (Antarctica)
 Uranium Deposits (Argentina)
 Uranium Deposits (Ariz.)
 Uranium Deposits (Austria)
 Uranium Deposits (Brazil)
 Uranium Deposits (Calif.)
 Uranium Deposits (Chile)
 Uranium Deposits (Colo.)
 Uranium Deposits (Congo Republic)
 Uranium Deposits (Canada)
 Uranium Deposits (Egypt)
 Uranium Deposits (France)
 Uranium Deposits (Germany)
 Uranium Deposits (Hungary)
 Uranium Deposits (Idaho)
 Uranium Deposits (India)
 Uranium Deposits (Italy)
 Uranium Deposits (Japan)
 Uranium Deposits (Kan.)
 Uranium Deposits (Madagascar)
 Uranium Deposits (Mexico)
 Uranium Deposits (Mont.)
 Uranium Deposits (Morocco)
 Uranium Deposits (Mozambique)
 Uranium Deposits (Neb.)
 Uranium Deposits (Nev.)
 Uranium Deposits (New England)
 Uranium Deposits (N. Mex.)
 Uranium Deposits (N. C.)
 Uranium Deposits (N. Dak.)
 Uranium Deposits (Norway)
 Uranium Deposits (Oreg.)
 Uranium Deposits (Peru)
 Uranium Deposits (Poland)
 Uranium Deposits (Portugal)
 Uranium Deposits (Rumania)
 Uranium Deposits (Somaliland)
 Uranium Deposits (S. Dak.)
 Uranium Deposits (Soviet Union)
 Uranium Deposits (Spain)
 Uranium Deposits (Sweden)
 Uranium Deposits (Texas)
 Uranium Deposits (Turkey)
 Uranium Deposits (Union of South Africa)
 Uranium Deposits (U. S.)
 Uranium Deposits (Utah)
 Uranium Deposits (Wash.)
 Uranium Deposits (Wyo.)
 Uranium Group (Northwest Territories)
 Uranium Peak Prospect (Colo.)
 Uranium Prospect (N. Mex.)
 Uranium Reserves (Alaska)
 Uranium Reserves (Ariz.)
 Uranium Reserves (Calif.)
 Uranium Reserves (Colo.)
 Uranium Reserves (Idaho)
 Uranium Reserves (Mont.)
 Uranium Reserves (N. C.)
 Uranium Reserves (N. Dak.)
 Uranium Reserves (N. Mex.)
 Uranium Reserves (N. Y.)

Uranium Reserves (Nev.)
 Uranium Reserves (S. C.)
 Uranium Reserves (S. Dak.)
 Uranium Reserves (Tenn.)
 Uranium Reserves (U. S.)
 Uranium Reserves (Utah)
 Uranium Reserves (Wyo.)

Uranium Sandstone Deposits

see Carbon-Uranium Sandstone Deposits

Uranium-Vanadium Sandstone Deposits

(This heading may be modified by location in the form Uranium-Vanadium Sandstone Deposits (Utah))

x Vanadium Sandstone Deposits

xx Sedimentary Deposits

Uranium-Vanadium Sandstone Deposits (Ariz.)
 Uranium-Vanadium Sandstone Deposits (Ariz.-Utah)
 Uranium-Vanadium Sandstone Deposits (Calif.)
 Uranium-Vanadium Sandstone Deposits (Colo.)
 Uranium-Vanadium Sandstone Deposits (Colo.-Utah)
 Uranium-Vanadium Sandstone Deposits (Mont.)
 Uranium-Vanadium Sandstone Deposits (N. Mex.)
 Uranium-Vanadium Sandstone Deposits (Penna.)
 Uranium-Vanadium Sandstone Deposits (S. Dak.)
 Uranium-Vanadium Sandstone Deposits (Soviet Union)
 Uranium-Vanadium Sandstone Deposits (U. S.)
 Uranium-Vanadium Sandstone Deposits (Utah)
 Uranium-Vanadium Sandstone Deposits (Wyo.)

Uranus Claims (Calif.)

Uravan District (Colo.)

x Club Mesa Locality (Colo.)
 East Paradox Locality (Colo.)
 Long Park Locality (Colo.)
 Ophir Locality (Colo.)

Uravan Mineral Belt (Colo.-Utah)

xx Uncompahgre Uplift Area (Colo.)

Uravan Quadrangle (Colo.)

Urgeirica Mine (Portugal)

Uriv Prospect (Colo.)

Uruguay

U S S R

see Soviet Union

Utah

(This heading may be modified by county in the form Utah (Juab Co.))

Utah (Beaver Co.)
 Utah (Cache Co.)
 Utah (Carbon Co.)
 Utah (Daggett Co.)
 Utah (Davis Co.)
 Utah (Duchesne Co.)
 Utah (Emery Co.)
 Utah (Garfield Co.)
 Utah (Grand Co.)
 Utah (Iron Co.)
 Utah (Juab Co.)
 Utah (Kane Co.)
 Utah (Millard Co.)
 Utah (Morgan Co.)
 Utah (Piute Co.)
 Utah (Rich Co.)
 Utah (Salt Lake Co.)
 Utah (San Juan Co.)
 Utah (Sanpete Co.)
 Utah (Sevier Co.)
 Utah (Summit Co.)
 Utah (Tooele Co.)
 Utah (Uintah Co.)
 Utah (Utah Co.)
 Utah (Wasatch Co.)
 Utah (Washington Co.)
 Utah (Wayne Co.)
 Utah (Weber Co.)

Utah Claim (N. Mex.)
 Ute Mountains Area (Colo.)
 Uteland Mine (Utah)
 Utex Mine (Utah)

V

Valle Grand Area (N. Mex.)

Valley Creek Area (Idaho)

Valley of Fire Area (Nev.)

Valley View Group (Colo.)

Van Hill Claims (Ariz.)

Van Horn Area (Texas)

Vanadium-Copper Group (Colo.)

see Copper-Vanadium Group (Colo.)

Vanadium Deposits

Vanadium Queen Claims (Utah)

Vanadium Sandstone Deposits

see Uranium-Vanadium Sandstone Deposits

Vanadium-Uranium Sandstone Deposits

see Uranium-Vanadium Sandstone Deposits

Vanadium Wedge Mine (Nev.)

Vanaking No. 1 Mine (Colo.)

Vanderbilt Mine Area (Utah)

Vanderbilt Prospect (Utah)

Vanura Group (Colo.)

Vanuray Claim (Calif.)

Varn Mine (Fla.)

Vein Deposits

(Including lode deposits This heading may be modified by location in the form Vein Deposits (Belgian Congo))

x Lode Deposits

Vein Deposits (Alaska)

Vein Deposits (Argentina)

Vein Deposits (Ariz.)

Vein Deposits (Australia)

Vein Deposits (Belgian Congo)

Vein Deposits (Bolivia)

Vein Deposits (Burma)

Vein Deposits (Calif.)

Vein Deposits (Chile)

Vein Deposits (Colo.)

Vein Deposits (Czechoslovakia)

Vein Deposits (Czechoslovakia-Germany)

Vein Deposits (England)

Vein Deposits (France)

Vein Deposits (Germany)

Vein Deposits (Greece)

Vein Deposits (Idaho)

Vein Deposits (Idaho-Mont.)

Vein Deposits (Mexico)

Vein Deposits (Mich.)

Vein Deposits (Mont.)

Vein Deposits (Morocco)

Vein Deposits (Nev.)

Vein Deposits (N. Mex.)

Vein Deposits (Northern Rhodesia)

Vein Deposits (Northwest Territories)

Vein Deposits (Ontario)

Vein Deposits (Peru)

Vein Deposits (Philippine Islands)

Vein Deposits (Portugal)

Vein Deposits (Rhodesia)

Vein Deposits (Saskatchewan)

Vein Deposits (S. Dak.)

Vein Deposits (Spain)

Vein Deposits (Tex.)

Vein Deposits (Turkey)

Vein Deposits (U. S.)

Vein Deposits (Utah)

Vein Deposits (Wash.)

Vein Deposits (Wis.)
Vein Deposits (Wyo.)
Venegas Prospect (Ariz.)
Venezuela
Verdi Development Company Prospects (Calif.)
Verdure Quadrangle (Utah)
Vermejo Formation

(Upper cretaceous of southeastern Colo. and northeastern N. Mex.)

This heading may be modified by location in the form Vermejo Formation (Colo.)

Vermejo Formation (Colo.)

Vermont

(This heading may be modified by county in the form Vermont (Essex Co.))

Vermont (Chittenden Co.)

Vermont (Rutland Co.)

Vermont (Windsor Co.)

Verna Lake Area (Saskatchewan)

Vernal Area (Utah)

Veta Glad Claim (Colo.)

see also Georgetown Group (Colo.)

Veta Mad Claim (Colo.)

see also Georgetown Group (Colo.)

Victor Placer Area (Mont.)

Victoria Prospect (Ariz.)

see Tavasci Prospect (Ariz.)

Victorio Mountains (N. Mex.)

Victory Mica Mine (S. Dak.)

Victory Tungsten Mine (Nev.)

Vietnam

Vinankarina Area (Madagascar)

Virgin Quadrangle (Ariz.—Utah)

Virgin Valley Opal District (Nev.)

Virginia

(This heading may be modified by county in the form Virginia (Amelia Co.))

Virginia (Amelia Co.)

Virginia (Amherst Co.)

Virginia (Buchanan Co.)

Virginia (Dickenson Co.)

Virginia (Fairfax Co.)

Virginia (Lee Co.)

Virginia (Montgomery Co.)

Virginia (Nelson Co.)

Virginia (Pulaski Co.)

Virginia (Russell Co.)

Virginia (Tazewell Co.)

Virginia (Wise Co.)

Virginia City Area (Mont.)

Virginia Claim (N. Mex.)

Viseu District (Portugal)

Vosges Mountains (France)

Vulcan Creek Area (Alaska)

W

W. Wilson Mine (Mont.)

Wade Creek (Alaska)

see Fortymile District (Alaska)

Waggoner Group (Colo.)

Walapai Indian Reservation Area (Ariz.)

see Hualapai Indian Reservation Area (Ariz.)

Walcott—State Bridge Area (Colo.)

see State Bridge—Walcott Area (Colo.)

Walden Ridge Area (Tenn.)

Wales

(This heading may be modified by county in the form Wales (Denbigh.))

xx Great Britain

Wales (Denbigh)

Walker—Barbee Mine Area (Utah)

see Barbee—Walker Mine Area (Utah)

Walker Fork (Alaska)

see Fortymile District (Alaska)

Walker Mine Area (Utah)

see Barbee—Walker Mine Area (Utah)

Wallapai Mining District (Ariz.)

Walnut No. 2 Claim (Ariz.)

Wamsutter Area (Wyo.)

Wanakah Formation

Waple Ranch (Mont.)

War Bonnet Peak Area (Wyo.)

Ward District (Colo.)

Wards Creek Area (N.C.)

see First Broad River Area (N.C.)

Warm Creek Canyon (Ariz.)

Warner Valley Area (Utah)

Warren Mining District (Colo.)

Wasatch Formation

(This heading may be modified by location in the form Wasatch Formation (Wyo.))

Wasatch Formation (Colo.)

Wasatch Formation (Wyo.)

Wasatch Range (Utah)

Washakie Basin (Wyo.)

Washington

(This heading may be modified by county in the form Washington (Adams Co.))

Washington (Cowlitz Co.)

Washington (Ferry Co.)

Washington (Lewis Co.)

Washington (Lincoln Co.)

Washington (Pierce Co.)

Washington (Stevens Co.)

Washington Claim, G. (Mont.)

see G. Washington Claim (Mont.)

Washington District (Nev.)

Waterberg District (Union of South Africa)

Waterfall Group (Utah)

Waterpocket Fold District (Utah)

Watertrail Claim (Colo.)

Watson Mine (Fla.)

Wausau Area (Wisc.)

Wayan Formation

(This heading may be modified by location in the form Wayan Formation (Idaho.))

Wayan Formation (Idaho)

Weatherly Property (Colo.)

Wedding Bell Area (Colo.)

Wedding Bell Group (Colo.)

see also Rimrock Workings (Colo.)

Wedding Bell Workings (Colo.)

see Rimrock Workings (Colo.)

Weissenstadt District (Germany)

Welch—Ray—Willmore Claims (Calif.)

see Ray—Welch—Willmore Claims (Calif.)

Well—Guard Deposit (Ariz.)

see Guard—Well Deposit (Ariz.)

Wells Formation

(Pennsylvanian of northeastern Utah, eastern Idaho, and southwestern Wyo.)

This heading may be modified by location in the form Wells Formation (Idaho.))

Wells Formation (Idaho)

Werra Mine (Germany)

West Elk Mountains Area (Colo.)

West End Claims (Mont.)

West Gateway District (Utah)

see Polar Mesa Camp District (Utah)

West Georgetown Canyon (Idaho)

x Georgetown Canyon (Idaho)

West Indies

x British West Indies

West Mountain Placer Area (Idaho)

West Paradox District (Colo.—Utah)**West Point Claim (Colo.)****West Virginia**

(This heading may be modified by county in the form West Virginia (Grant Co.))

West Virginia (Logan Co.)**West Virginia (McDowell Co.)****West Virginia (Mercer Co.)****West Virginia (Mingo Co.)****West Virginia (Raleigh Co.)****West Virginia (Webster Co.)****West Virginia (Wyoming Co.)****West Willys Claim (Nev.)****West Willys Group (Nev.)**

see also Northwest Willys Group (Nev.)

Western Edge Claim (S. Dak.)**Western Monazite Belt (S. C.)****Western Phosphate Field****Westwater Canyon Member**

(This heading may be modified by location in the form Westwater Canyon Member (Utah))

see also Morrison Formation

Westwater Canyon Member (N. Mex.)**Westwater Canyon Member (Utah)****Wet Mountains Area (Colo.)****Wet Mountains District (Colo.)****Whalen Mine (Alaska)****Wheatland Area (Wyo.)****Wheelman Tunnel Area (Colo.)****Whirlwind Mine (Utah)****White Butte (N. Dak.)****White Butte Area (N. Dak.)****White Canyon Area (Utah)****White Canyon No. 1 Claim (Utah)****White Canyon Quadrangle (Utah)****White Cloud Area (Nev.)****White Hawk Basin (Idaho)****White Horse Area (Utah)****White Horse Group (Utah)****White Oak Creek****White Oak Mines (Ariz.)****White Pine Mine (Mich.)****White Reef (Utah)****White River Badlands (S. Dak.)****White River Formation**

(This heading may be modified by location in the form White River Formation (S. Dak.))

White River Formation (Colo.)**White River Formation (Kan.)****White River Formation (Neb.)****White River Formation (N. Dak.)****White River Formation (S. Dak.)****White River Formation (Wyo.)****White River Plateau Area (Colo.)****White Signal Mining District (N. Mex.)****White Spar Prospect (Colo.)****White Tank Area (Calif.)****Whitewood Limestone**

(Upper Ordovician of western S. Dak. and northeastern Wyo. This heading may be modified by location in the form Whitewood Limestone (S. Dak.))

Whitewood Limestone (S. Dak.)**Wickiup Group (Utah)****Wilberforce Area (Ontario)****Wild Bill Claims (Calif.)****Wild Steer Canyon (Colo.)****Wild Steer Mesa Area (Colo.)****Wild Steer Mesa Workings (Colo.)****Wildcat Mine (N. C.)****Willaha Area (Ariz.)****William S. King Prospect (Ark.)****Williams Creek Placer Area (Idaho)****Williams Quarry (Penna.)****Williamson Fluorite Deposits (Colo.)****Williamson Mine (Calif.)****Willmore-Ray-Welch Claims (Calif.)**

see Ray-Welch-Willmore Claims (Calif.)

Willow Creek District (Alaska)**Wills Mountain Anticline (W. Va.)****Willys Group (Nev.)****Wilson Creek Area (Alaska)****Wilson Creek Area (Ariz.)****Wilson Group (Utah)****Wilson Mesa (Utah)****Wilson Mine (Utah)****Wilson Prospect (Ark.)****Winchester Area (Calif.)****Wind River District (Wyo.)****Wind River Formation (Wyo.)****Windy Claims (Calif.)****Wingate Formation**

(In the Glen Canyon group, located in western N. Mex., northeastern Ariz., southeastern Utah, and southwestern and western Colo. This heading may be modified by location in the form Wingate Formation (Colo.))

Wingate Formation (Colo.)**Wingate Formation (Utah)****Wingate Pass Area (Calif.)****Wisconsin**

(This heading may be modified by county in the form Wisconsin (Oneida Co.))

Wisconsin (Florence Co.)**Wisconsin (Marathon Co.)****Wiseman District (Alaska)****Witwatersrand Gold Fields (Union of South Africa)****Witwatersrand Reefs (Union of South Africa)****Wonder Lode Claims (Idaho)****Wood Mine (Colo.)****Wood Tin Mine (S. Dak.)****Woodall Creek (Idaho)****Woodenshoe Claims (Utah)****Woodrow Deposits (N. Mex.)****Woods Hollow Mountains (Texas)****Woodside Quadrangle (Utah)****Wooley No. 1 Claim (Ariz.)****Wooly No. 9 Claim (Utah)****Workman Creek Area (Ariz.)****Wray Mesa (Colo.—Utah)****Wright Mines (Colo.)****Wyola Area (Mont.)****Wyoming**

(This heading may be modified by county in the form Wyoming (Niobrara Co.))

Wyoming (Albany Co.)**Wyoming (Big Horn Co.)****Wyoming (Campbell Co.)****Wyoming (Carbon Co.)****Wyoming (Converse Co.)****Wyoming (Crook Co.)****Wyoming (Fremont Co.)****Wyoming (Goshen Co.)****Wyoming (Hot Springs Co.)****Wyoming (Johnson Co.)****Wyoming (Laramie Co.)****Wyoming (Lincoln Co.)****Wyoming (Natrona Co.)****Wyoming (Niobrara Co.)****Wyoming (Park Co.)****Wyoming (Platte Co.)****Wyoming (Sheridan Co.)****Wyoming (Sublette Co.)****Wyoming (Sweetwater Co.)**

Wyoming (Teton Co.)
 Wyoming (Uinta Co.)
 Wyoming (Washakie Co.)
 Wyoming (Weston Co.)
 Wyoming (Yellowstone National Park Co.)

Y

Yadkin River—Dan River District (N. C. —Va.)
 see Dan River—Yadkin River District (N. C.—Va.)
 Yadkin River District (N. C. —Va.)
 see Dan River—Yadkin River District (N. C.—Va.)
Yakataga Area (Alaska)
 Yale Point Area (Ariz.)
 see Black Mountain—Yale Point Area (Ariz.)
 Yale Point—Black Mountain Area (Ariz.)
 see Black Mountain—Yale Point Area (Ariz.)
Yancey Cyanite Mine (N. C.)
Yankee Hill District (Colo.)
Yazzie Mesa (Ariz.)
Yellow Canary Claims (Utah)
Yellow Canary Prospect (Utah)
Yellow Cat Area (Utah)
Yellow Cat Groups (Utah)
Yellow Circle Area (Utah)
Yellow Jacket Alunite Mine (Utah)
Yellow Jacket Quadrangle (Colo.)
Yellow Jasper Prospect (Utah)

Yellow John Locality (Utah)
Yellow John Mine (Utah)
Yellow Pine Mine (Nev.)
Yellowhouse Oil Field (Texas)
Yellowknife Area (Northwest Territories)
Yentna Region (Alaska)
Yerih Claims (Calif.)
Yerington Area (Nev.)
Yerington Property (Nev.)
Yip Yip Mine (Colo.)
York District (Alaska)
York No. 1 Claim (Ariz.)
Youngs Bend Area (Tenn.)
Yuba River Valley (Calif.)
Yugoslavia
 Yukon Area (Alaska)
 see Lower Yukon Area (Alaska)
Yuma Air Force Base Gunnery Range (Ariz.)

Z

Zirconia District (N. C.)
Zuni Mountain District (N. Mex.)
 Zuni Mountains Area (N. Mex.)
 see Zuni Uplift (N. Mex.)
Zuni Uplift (N. Mex.)
 x Zuni Mountains Area (N. Mex.)

APPENDIX C

Isotope Synonyms

Many radioactive isotopes are known by names and symbols which were adopted before the correct relationship between isotope and element had been determined. These isotopes are indexed as follows:

AcA	Polonium Isotopes Po ²¹⁵	RaE''	Thallium Isotopes Tl ²⁰⁶
AcB	Lead Isotopes Pb ²¹¹	RaF	Polonium Isotopes Po ²¹⁰
AcC	Bismuth Isotopes Bi ²¹¹	RaG	Lead Isotopes Pb ²⁰⁶
AcC'	Polonium Isotopes Po ²¹¹	RdAc	Thorium Isotopes Th ²²⁷
AcC''	Thallium Isotopes Tl ²⁰⁷	RdTh	Thorium Isotopes Th ²²⁸
AcD	Lead Isotopes Pb ²⁰⁷	ThA	Polonium Isotopes Po ²¹⁶
AcK	Francium Isotopes Fr ²²³	ThB	Lead Isotopes Pb ²¹²
AcU	Uranium Isotopes U ²³⁵	ThC	Bismuth Isotopes Bi ²¹²
AcX	Radium Isotopes Ra ²²³	ThC'	Polonium Isotopes Po ²¹²
An	Radon Isotopes Rn ²¹⁹	ThC''	Thallium Isotopes Tl ²⁰⁸
Io	Thorium Isotopes Th ²³⁰	ThD	Lead Isotopes Pb ²⁰⁸
MsTh ₁	Radium Isotopes Ra ²²⁸	ThX	Radium Isotopes Ra ²²⁴
MsTh ₂	Actinium Isotopes Ac ²²⁸	Tn	Radon Isotopes Rn ²²⁰
RaA	Polonium Isotopes Po ²¹⁸	U _I	Uranium Isotopes U ²³⁸
RaB	Lead Isotopes Pb ²¹⁴	U _{II}	Uranium Isotopes U ²³⁴
RaC	Bismuth Isotopes Bi ²¹⁴	UX ₁	Thorium Isotopes Th ²³⁴
RaC'	Polonium Isotopes Po ²¹⁴	UX ₂	Protactinium Isotopes Pa ²³⁴
RaC''	Thallium Isotopes Tl ²¹⁰	UY	Thorium Isotopes Th ²³¹
RaD	Lead Isotopes Pb ²¹⁰	UZ	Protactinium Isotopes Pa ²³⁴
RaE	Bismuth Isotopes Bi ²¹⁰		

APPENDIX D

List of Elements

Name	Symbol	Atomic No.	Name	Symbol	Atomic No.
ACTINIUM	Ac	89	INDIUM	In	49
ALUMINUM	Al	13	IODINE	I	53
AMERICIUM	Am	95	IRIDIUM	Ir	77
ANTIMONY	Sb	51	IRON	Fe	26
ARGON	Ar	18			
ARSENIC	As	33	KRYPTON	Kr	36
ASTATINE	At	85			
			LANTHANUM	La	57
BARIUM	Ba	56	LAWRENCIUM	Lw	103
BERKELIUM	Bk	97	LEAD	Pb	82
BERYLLIUM	Be	4	LITHIUM	Li	3
BISMUTH	Bi	83	LUTETIUM	Lu	71
BORON	B	5			
BROMINE	Br	35	MAGNESIUM	Mg	12
			MANGANESE	Mn	25
CADMIUM	Cd	48	MENDELEVIUM	Md	101
CALCIUM	Ca	20	MERCURY	Hg	80
CALIFORNIUM	Cf	98	MOLYBDENUM	Mo	42
CARBON	C	6			
CERIUM	Ce	58	NEODYMIUM	Nd	60
CESIUM	Cs	55	NEON	Ne	10
CHLORINE	Cl	17	NEPTUNIUM	Np	93
CHROMIUM	Cr	24	NICKEL	Ni	28
COBALT	Co	27	NIOBIUM	Nb	41
COPPER	Cu	29	NITROGEN	N	7
CURIUM	Cm	96	NOBELIUM	No	102
DEUTERIUM	D	1	OSMIUM	Os	76
DYSPROSIUM	Dy	66	OXYGEN	O	8
EINSTEINIUM	Es	99	PALLADIUM	Pd	46
ERBIUM	Er	68	PHOSPHORUS	P	15
EUROPIUM	Eu	63	PLATINUM	Pt	78
			PLUTONIUM	Pu	94
FERMIUM	Fm	100	POLONIUM	Po	84
FLUORINE	F	9	POTASSIUM	K	19
FRANCIUM	Fr	87	PRASEODYMIUM	Pr	59
			PROMETHIUM	Pm	61
GADOLINIUM	Gd	64	PROTACTINIUM	Pa	91
GALLIUM	Ga	31			
GERMANIUM	Ge	32	RADIUM	Ra	88
GOLD	Au	79	RADON	Rn	86
			RHENIUM	Re	75
HAFNIUM	Hf	72	RHODIUM	Rh	45
HELIUM	He	2	RUBIDIUM	Rb	37
HOLMIUM	Ho	67	RUTHENIUM	Ru	44
HYDROGEN	H	1			

Name	Symbol	Atomic No.	Name	Symbol	Atomic No.
SAMARIUM	Sm	62	TIN	Sn	50
SCANDIUM	Sc	21	TITANIUM	Ti	22
SELENIUM	Se	34	TRITIUM	T	1
SILICON	Si	14	TUNGSTEN	W	74
SILVER	Ag	47			
SODIUM	Na	11	URANIUM	U	92
STRONTIUM	Sr	38			
SULFUR	S	16	VANADIUM	V	23
TANTALUM	Ta	73	XENON	Xe	54
TECHNETIUM	Tc	43			
TELLURIUM	Te	52	YTTERBIUM	Yb	70
TERBIUM	Tb	65	YTTRIUM	Y	39
THALLIUM	Tl	81			
THORIUM	Th	90	ZINC	Zn	30
THULIUM	Tm	69	ZIRCONIUM	Zr	40